

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081919\
 Data File : VX011648.D
 Acq On : 19 Aug 2019 22:21
 Operator : JC/SP
 Sample : VX0819WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/20/2019 3:40:32 PM

Quant Time: Aug 20 12:06:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	318583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	453815	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	426843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	225645	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	148916	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
35) Dibromofluoromethane	5.49	113	132858	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	
50) Toluene-d8	8.71	98	439123	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
62) 4-Bromofluorobenzene	11.13	95	177159	45.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	69270	22.120	ug/l	100
3) Chloromethane	1.32	50	59473	18.286	ug/l	100
4) Vinyl Chloride	1.40	62	58505	19.913	ug/l	93
5) Bromomethane	1.64	94	33948	25.787	ug/l	96
6) Chloroethane	1.71	64	31202	22.439	ug/l	99
7) Trichlorofluoromethane	1.92	101	89590	22.015	ug/l	96
8) Diethyl Ether	2.18	74	29823	21.364	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	56511	20.105	ug/l	99
10) Methyl Iodide	2.50	142	75048	18.742	ug/l	99
11) Tert butyl alcohol	3.04	59	78217	107.914	ug/l	97
12) 1,1-Dichloroethene	2.37	96	54069	19.905	ug/l	100
13) Acrolein	2.29	56	17762	87.945	ug/l	92
14) Allyl chloride	2.72	41	90692	20.070	ug/l	99
15) Acrylonitrile	3.14	53	178143	107.388	ug/l	100
16) Acetone	2.43	43	151794	102.181	ug/l	99
17) Carbon Disulfide	2.56	76	126404	19.748	ug/l	99
18) Methyl Acetate	2.76	43	102985	22.353	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	192626	21.773	ug/l	99
20) Methylene Chloride	2.85	84	64081	20.545	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	59744	20.754	ug/l	98
22) Diisopropyl ether	3.85	45	191332	21.261	ug/l	96
23) Vinyl Acetate	3.81	43	756487	106.157	ug/l	99
24) 1,1-Dichloroethane	3.69	63	106485	20.929	ug/l	99
25) 2-Butanone	4.67	43	247470	106.111	ug/l	98
26) 2,2-Dichloropropane	4.57	77	66903	17.471	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	69217	20.626	ug/l	98
28) Bromochloromethane	5.01	49	44976	20.137	ug/l	97
29) Tetrahydrofuran	5.12	42	160525	104.929	ug/l	98
30) Chloroform	5.20	83	112479	20.947	ug/l	98
31) Cyclohexane	5.57	56	84946	19.391	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	99796	21.615	ug/l	99
36) 1,1-Dichloropropene	5.79	75	76249	19.652	ug/l	99
37) Ethyl Acetate	4.83	43	92770	20.787	ug/l	99
38) Carbon Tetrachloride	5.78	117	85603	20.025	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	94405	19.702	ug/l	99
40) Benzene	6.14	78	235738	19.551	ug/l	100
41) Methacrylonitrile	5.03	41	51585	21.002	ug/l	99
42) 1,2-Dichloroethane	6.19	62	91560	21.917	ug/l	97
43) Isopropyl Acetate	6.44	43	141879	20.371	ug/l	99
44) Trichloroethene	7.21	130	72363	20.231	ug/l	98
45) 1,2-Dichloropropane	7.51	63	64360	21.403	ug/l	97
46) Dibromomethane	7.66	93	43299	19.815	ug/l	98
47) Bromodichloromethane	7.89	83	79574	19.833	ug/l	97
48) Methyl methacrylate	7.77	41	70898	20.556	ug/l	99
49) 1,4-Dioxane	7.74	88	37083	404.234	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	480884	105.487	ug/l	100
52) Toluene	8.78	92	158568	20.642	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	83144	19.967	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	91914	20.169	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	66304	20.297	ug/l	99
56) Ethyl methacrylate	9.18	69	99312	20.917	ug/l	98
57) 1,3-Dichloropropane	9.37	76	107331	20.670	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	259298	109.607	ug/l	99
59) 2-Hexanone	9.49	43	367493	104.536	ug/l	100
60) Dibromochloromethane	9.58	129	70010	20.570	ug/l	99
61) 1,2-Dibromoethane	9.67	107	71225	20.430	ug/l	99
64) Tetrachloroethene	9.34	164	69825	19.938	ug/l	96
65) Chlorobenzene	10.13	112	178537	19.611	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	67094	19.717	ug/l	99
67) Ethyl Benzene	10.25	91	302778	19.927	ug/l	100
68) m/p-Xylenes	10.35	106	237890	40.789	ug/l	98
69) o-Xylene	10.69	106	110801	19.395	ug/l	99
70) Styrene	10.71	104	182276	18.953	ug/l	98
71) Bromoform	10.85	173	50848	17.656	ug/l #	100
73) Isopropylbenzene	11.02	105	298486	20.386	ug/l	100
74) N-amyl acetate	10.90	43	119868	19.264	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	97121	19.282	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	85865m	20.068	ug/l	
77) Bromobenzene	11.25	156	82189	18.867	ug/l	97
78) n-propylbenzene	11.36	91	317214	20.092	ug/l	100
79) 2-Chlorotoluene	11.42	91	195900	20.207	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	245452	19.956	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24524	18.619	ug/l	90
82) 4-Chlorotoluene	11.51	91	225739	20.070	ug/l	98
83) tert-Butylbenzene	11.77	119	253324	20.222	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	251281	20.350	ug/l	98
85) sec-Butylbenzene	11.94	105	290523	20.556	ug/l	99
86) p-Isopropyltoluene	12.06	119	270559	20.349	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	138299	18.470	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	147394	19.422	ug/l	99
89) n-Butylbenzene	12.38	91	198129	18.125	ug/l	99
90) Hexachloroethane	12.59	117	38191	18.189	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	134921	17.950	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23314	20.232	ug/l	92

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ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX0819WBSD02

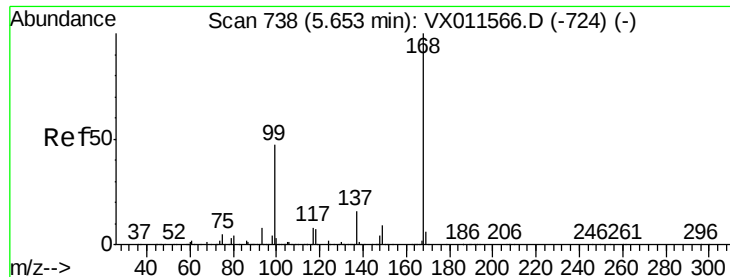
Manual Integrations
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8/20/2019 3:40:32 PM

Quant Time: Aug 20 12:06:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	111189	19.854	ug/l	99
94) Hexachlorobutadiene	13.78	225	59882	19.636	ug/l	98
95) Naphthalene	13.83	128	330874	20.898	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	114387	20.250	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

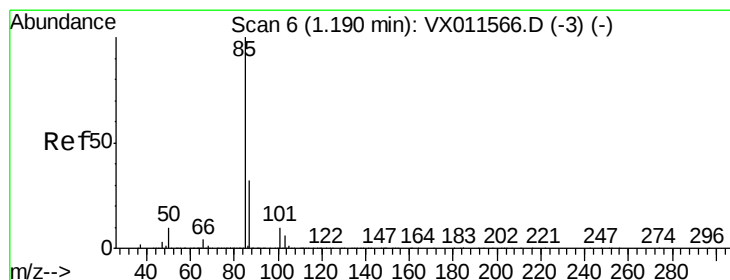
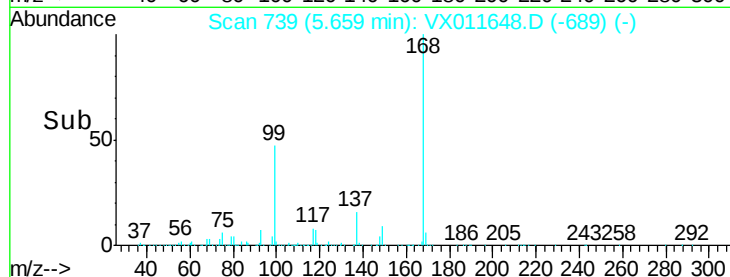
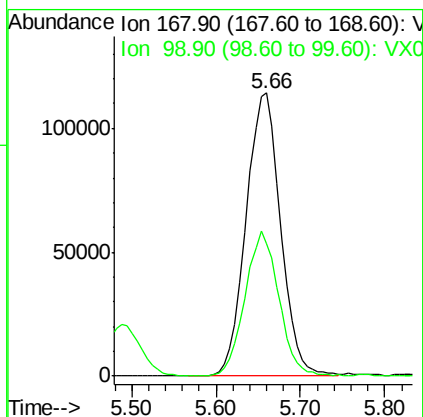
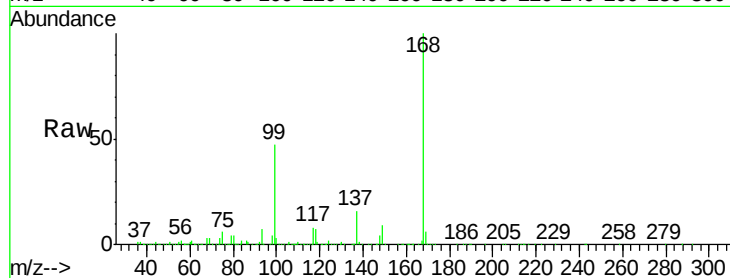
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. 0.01 min
 Lab File: VX011648.D
 Acq: 19 Aug 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0819WBSD02

Tot Ion	Ratio	Lower	Upper
168	100		
99	46.7	37.3	55.9

Manual Integrations
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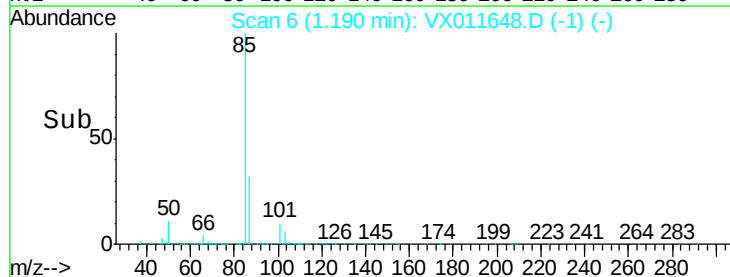
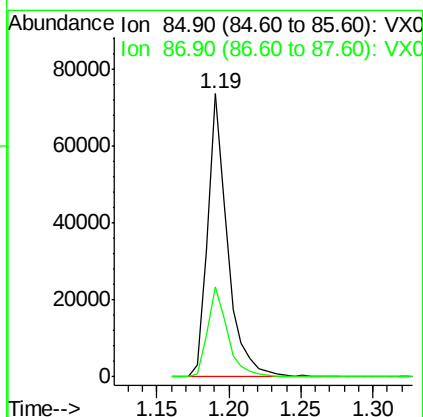
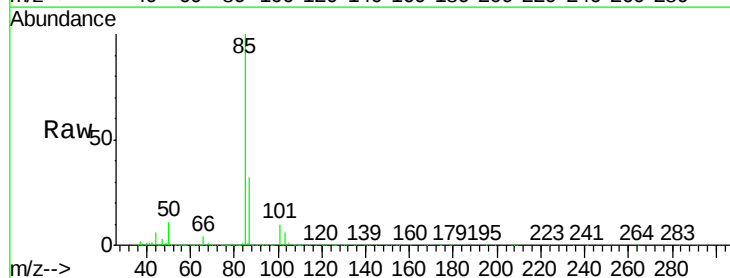
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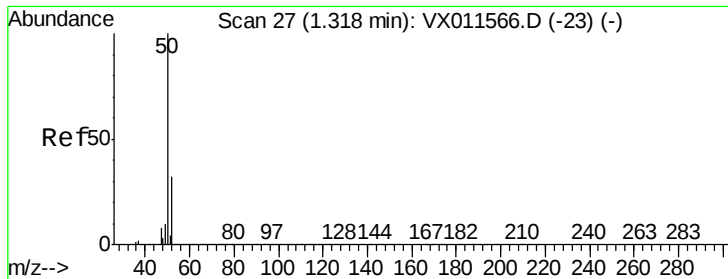


#2

Dichlorodifluoromethane
 Concen: 22.120 ug/l
 RT: 1.19 min Scan# 6
 Delta R.T. 0.00 min
 Lab File: VX011648.D
 Acq: 19 Aug 2019 22:21

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.9	16.1	48.2





#3

Chloromethane

Concen: 18.286 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD02

Tot Ion: 50 Resp: 59473

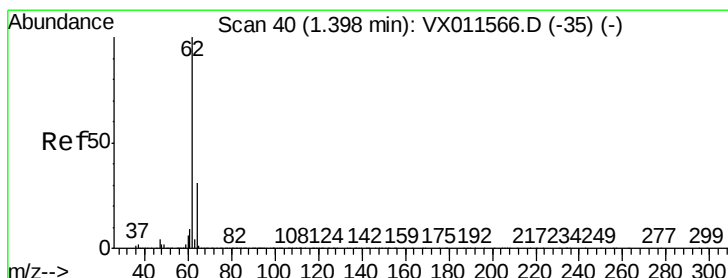
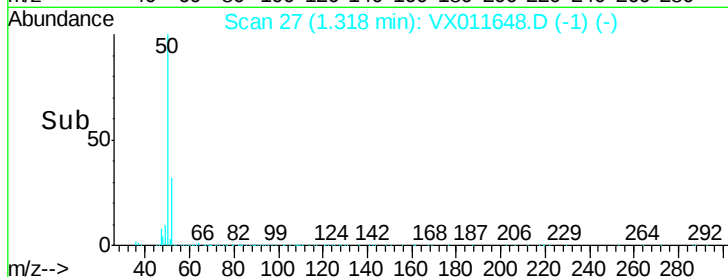
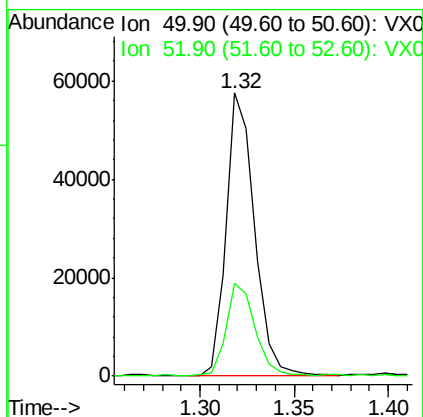
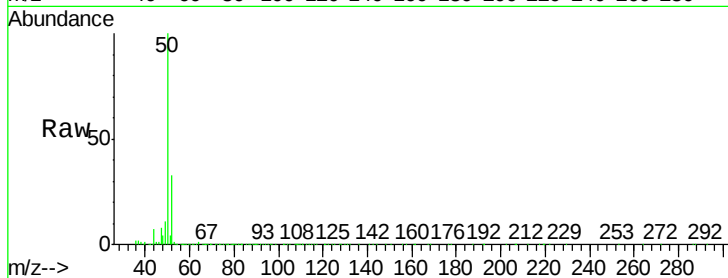
Ion Ratio Lower Upper

50 100

52 32.8 26.0 39.0

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.913 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011648.D

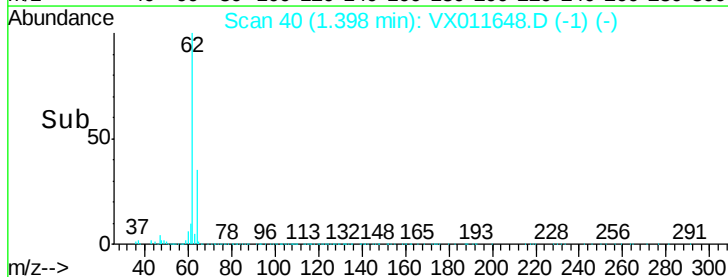
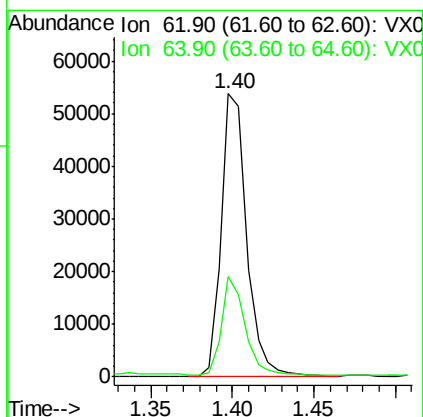
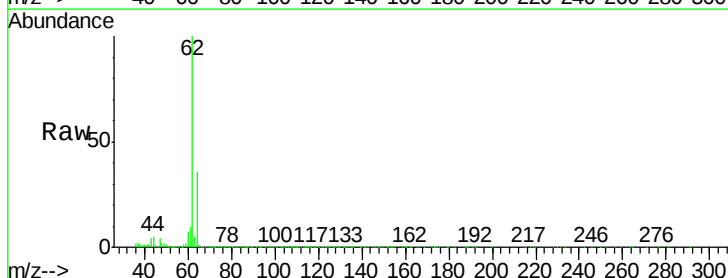
Acq: 19 Aug 2019 22:21

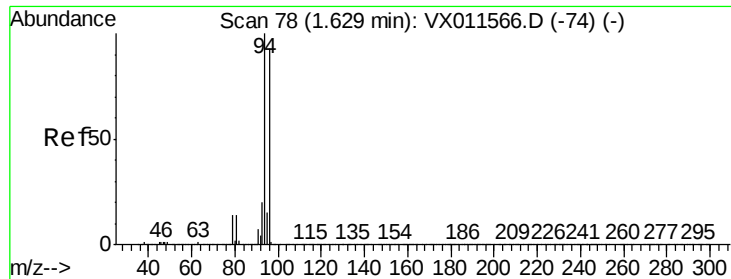
Tgt Ion: 62 Resp: 58505

Ion Ratio Lower Upper

62 100

64 34.9 25.0 37.4





#5

Bromomethane

Concen: 25.787 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.01 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Tot Ion: 94 Resp: 33948

Ion Ratio Lower Upper

94 100

96 89.5 74.8 112.2

Instrument :

MSVOA_X

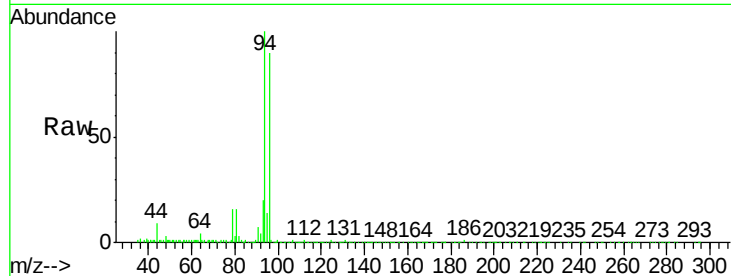
ClientSampleId :

VX0819WBSD02

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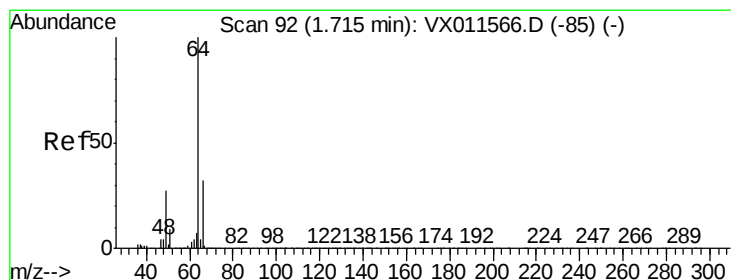
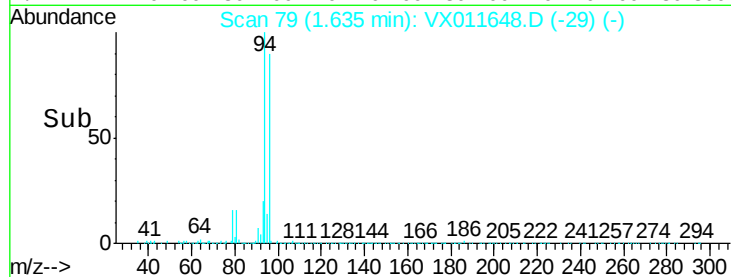
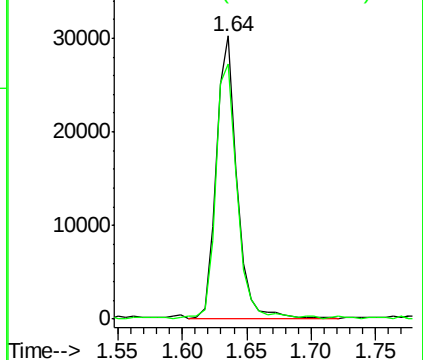
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 22.439 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011648.D

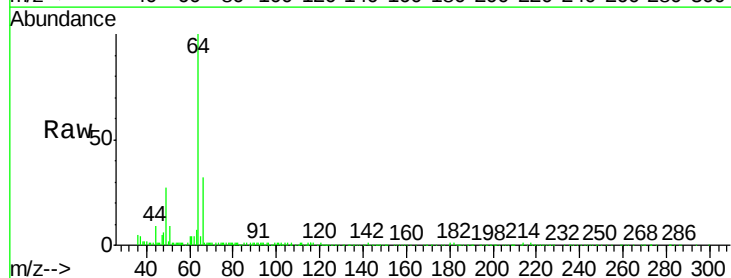
Acq: 19 Aug 2019 22:21

Tgt Ion: 64 Resp: 31202

Ion Ratio Lower Upper

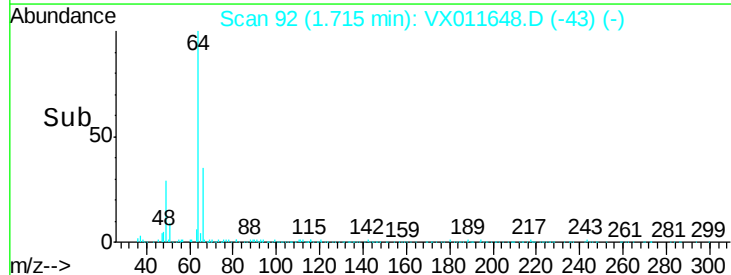
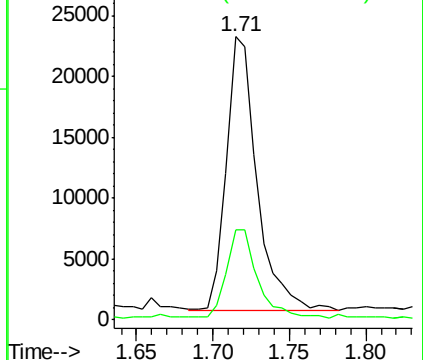
64 100

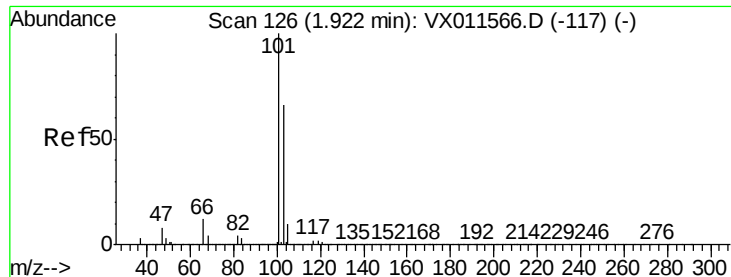
66 32.0 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

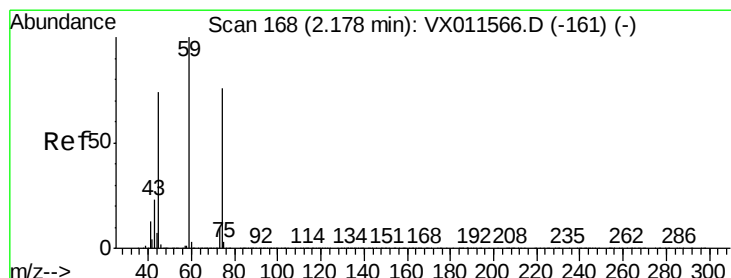
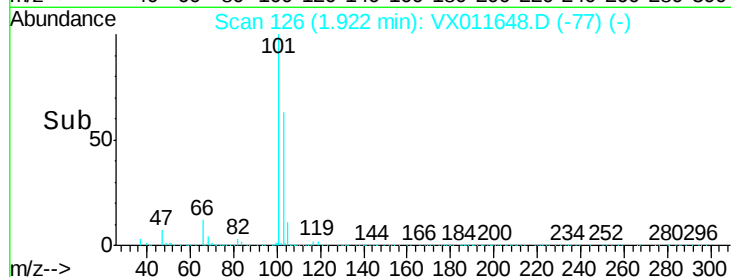
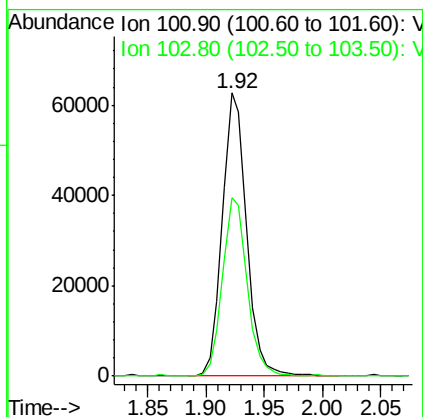
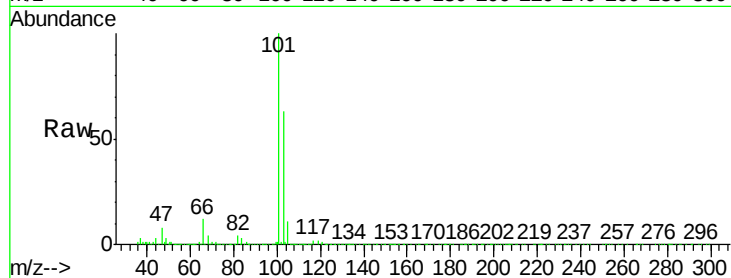
Trichlorofluoromethane
Concen: 22.015 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	89590		
103	63.1	52.9	79.3	

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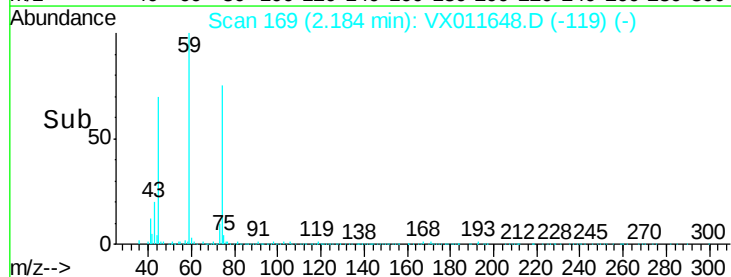
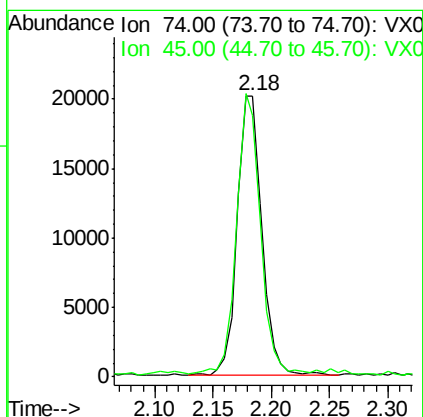
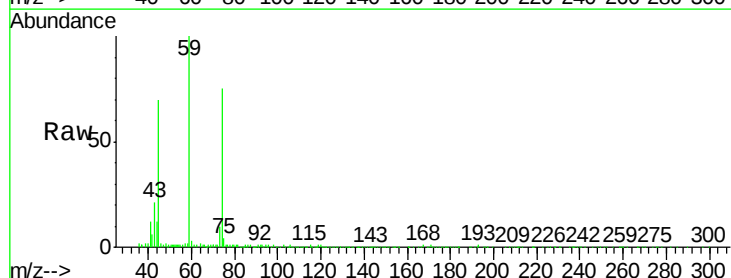
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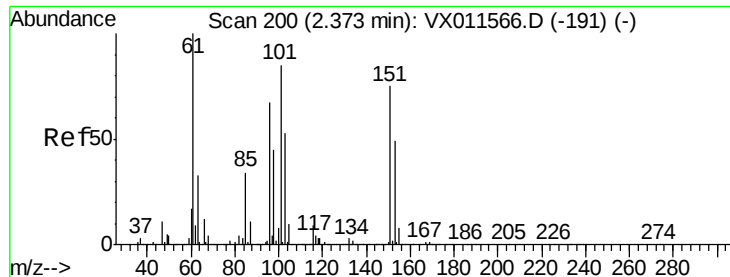


#8

Diethyl Ether
Concen: 21.364 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	29823		
45	96.2	48.2	144.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.105 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Instrument :

MSVOA_X

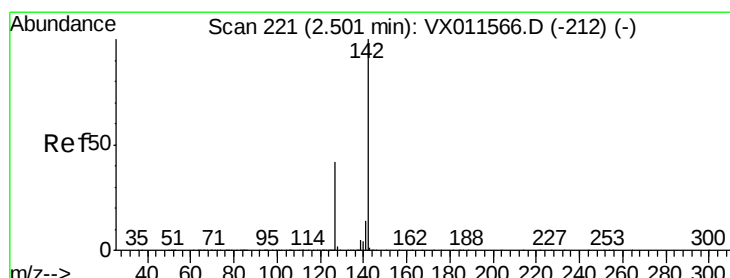
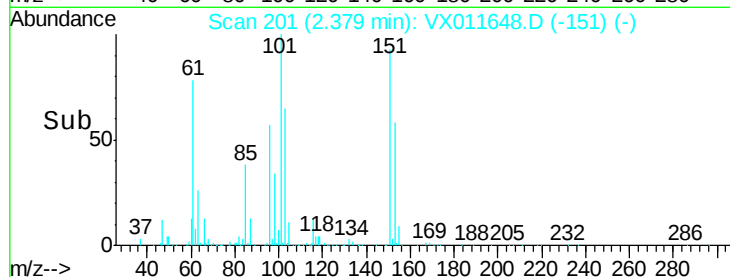
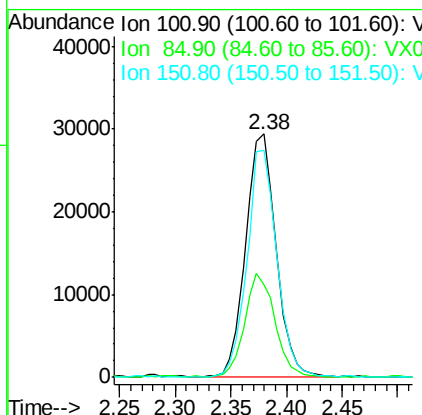
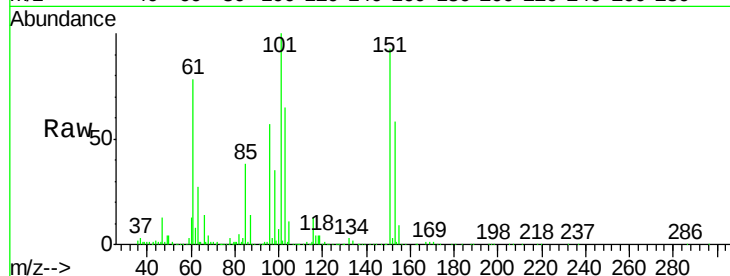
ClientSampleId :

VX0819WBSD02

Tot Ion:	101	Resp:	56511
Ion Ratio	Lower	Upper	
101	100		
85	42.3	33.0	49.4
151	91.3	73.3	109.9

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#10

Methyl Iodide

Concen: 18.742 ug/l

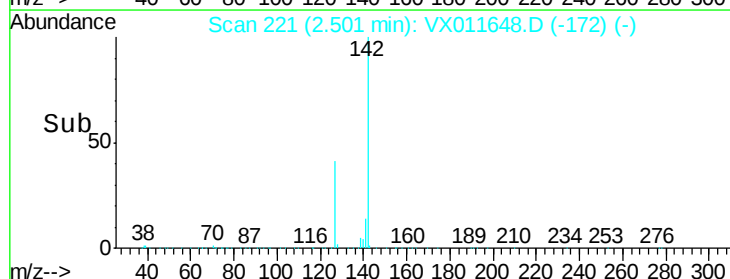
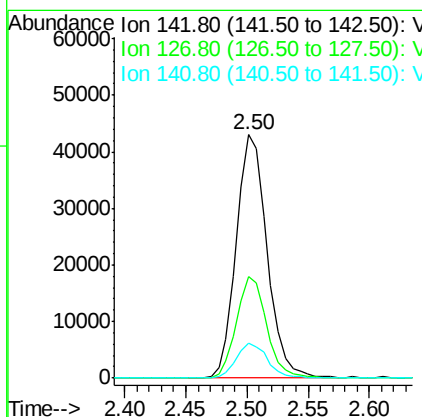
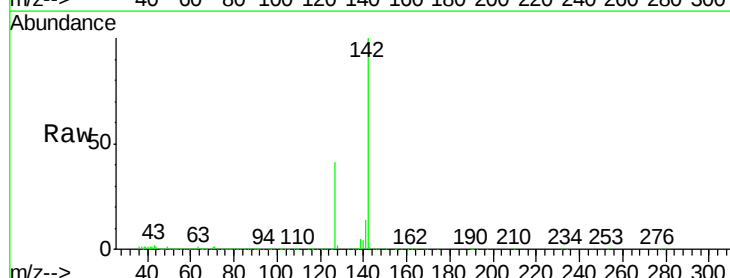
RT: 2.50 min Scan# 221

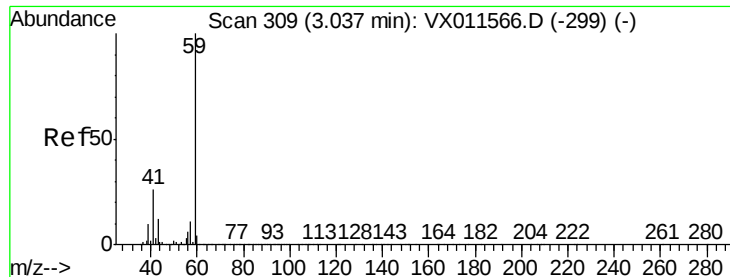
Delta R.T. 0.00 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Tgt Ion:	142	Resp:	75048
Ion Ratio	Lower	Upper	
142	100		
127	41.4	32.8	49.2
141	14.8	11.4	17.2





#11

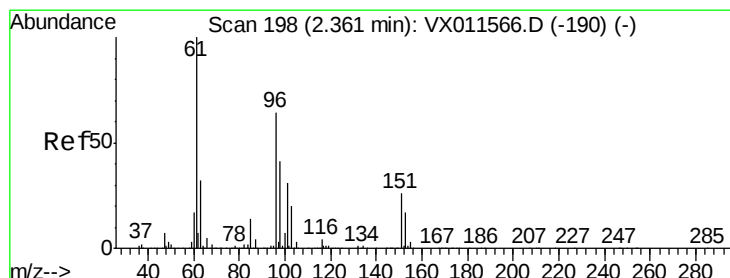
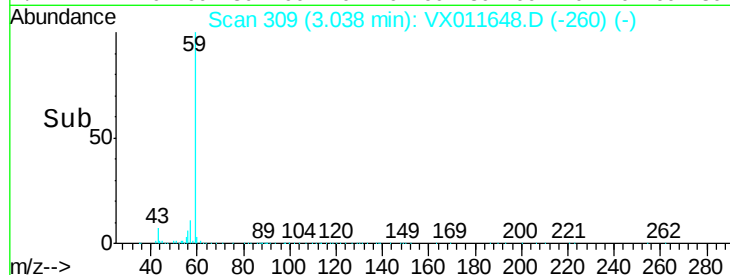
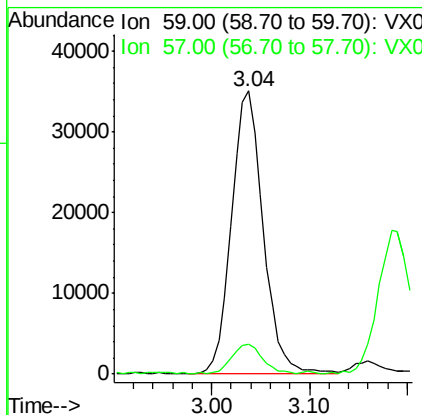
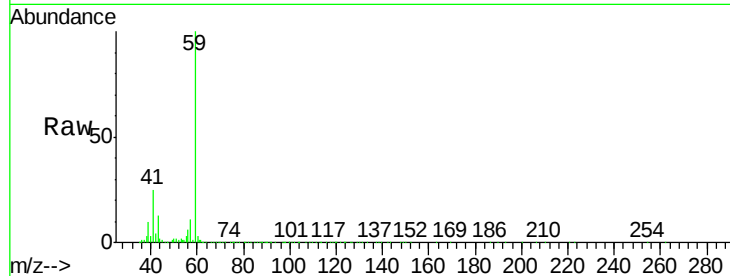
Tert butyl alcohol
Concen: 107.914 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.7	13.1

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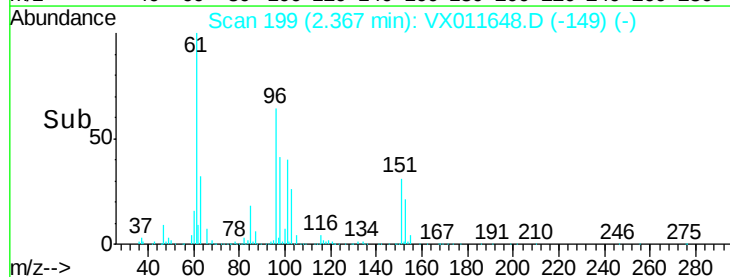
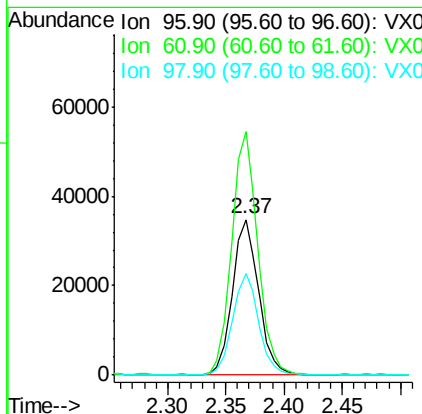
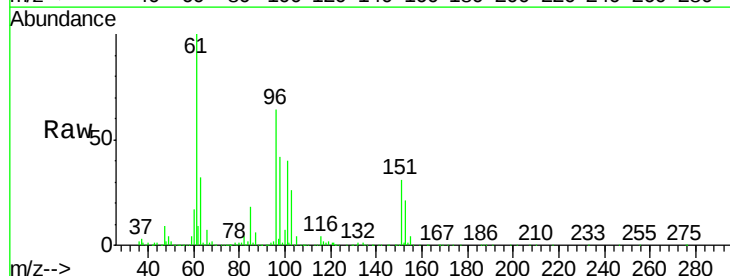
MMDadoda
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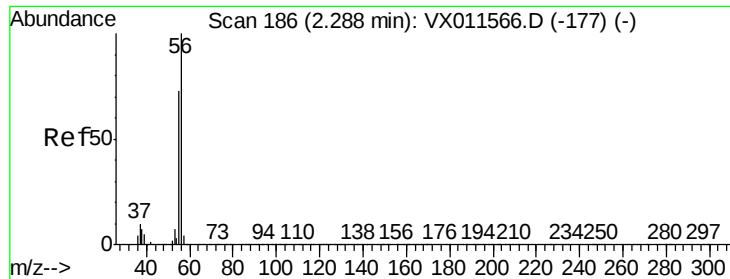


#12

1,1-Dichloroethene
Concen: 19.905 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.01 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.5	125.0	187.4
98	65.0	51.5	77.3





#13

Acrolein

Concen: 87.945 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD02

Tot Ion: 56 Resp: 17762

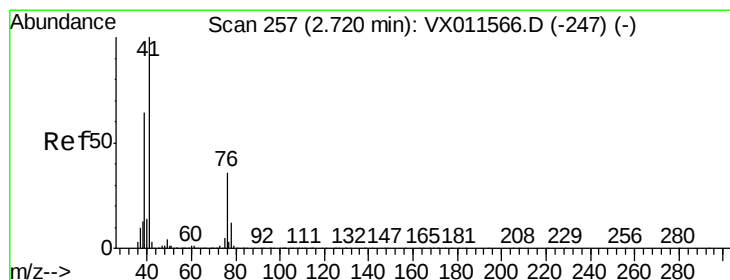
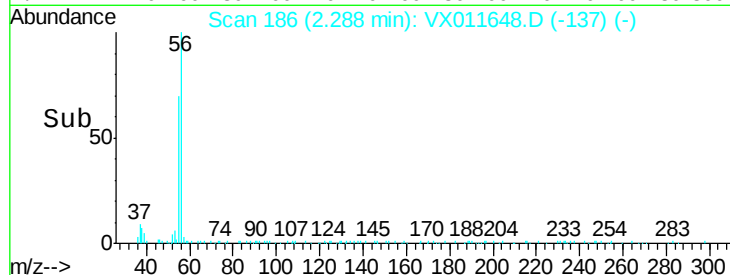
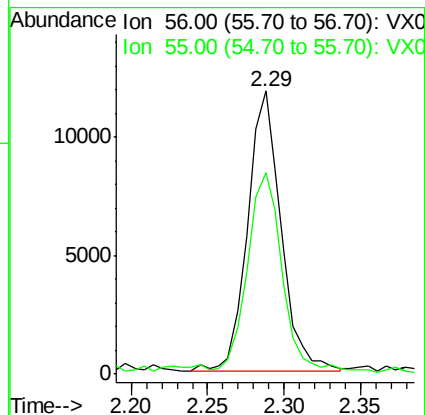
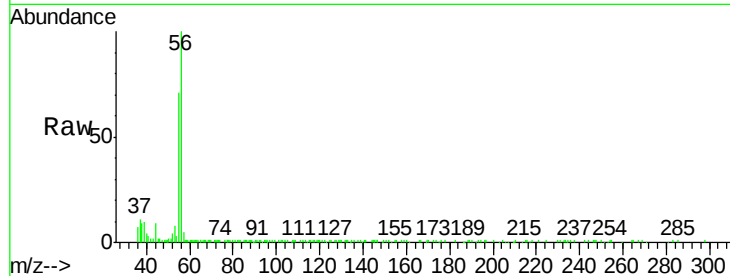
Ion Ratio Lower Upper

56 100

55 75.5 55.5 83.3

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#14

Allyl chloride

Concen: 20.070 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

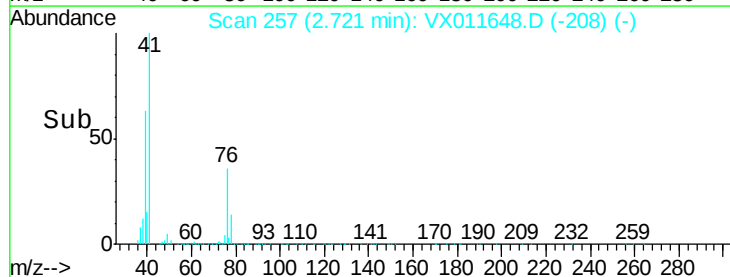
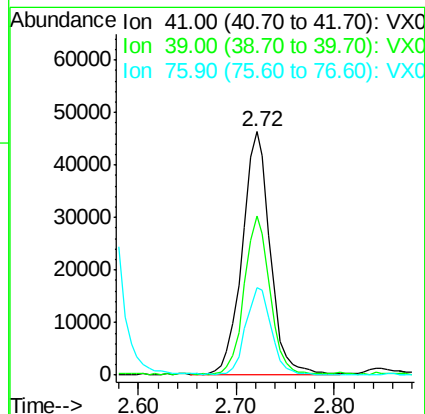
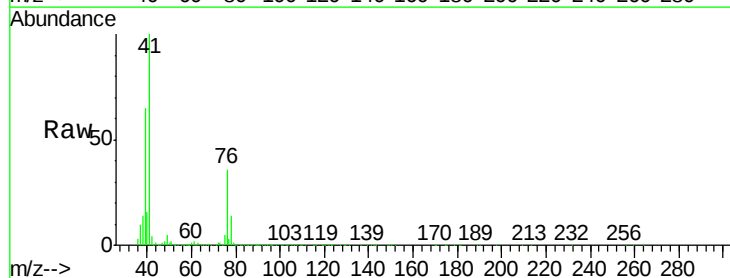
Tgt Ion: 41 Resp: 90692

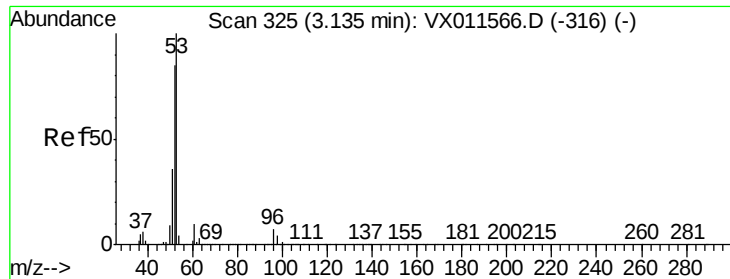
Ion Ratio Lower Upper

41 100

39 60.0 47.5 71.3

76 33.0 26.3 39.5





#15

Acrylonitrile

Concen: 107.388 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Instrument :

MSVOA_X

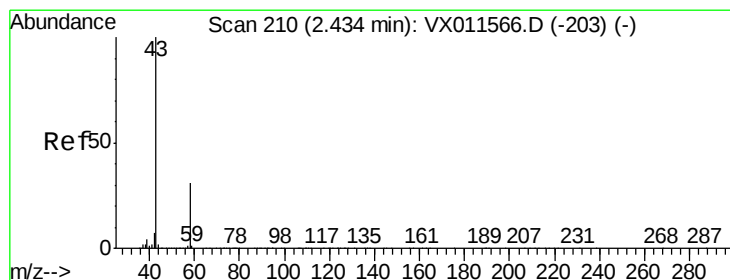
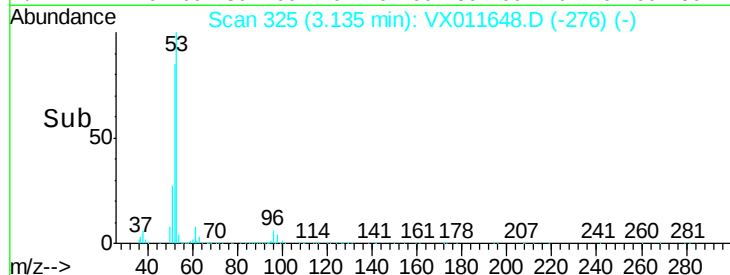
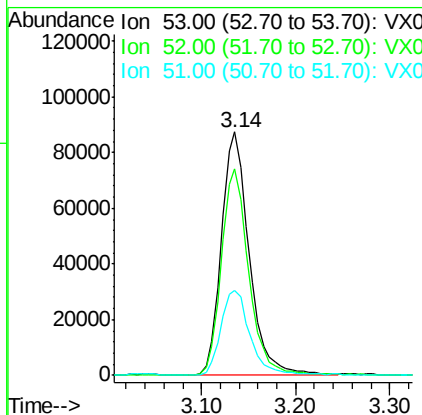
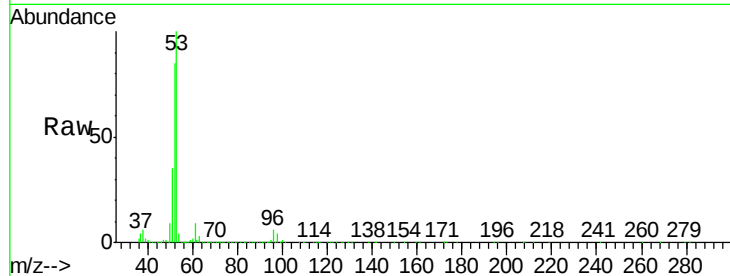
ClientSampleId :

VX0819WBSD02

Tot Ion:	53	Resp:	178143
Ion Ratio		Lower	Upper
53	100		
52	83.3	66.7	100.1
51	36.4	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 102.181 ug/l

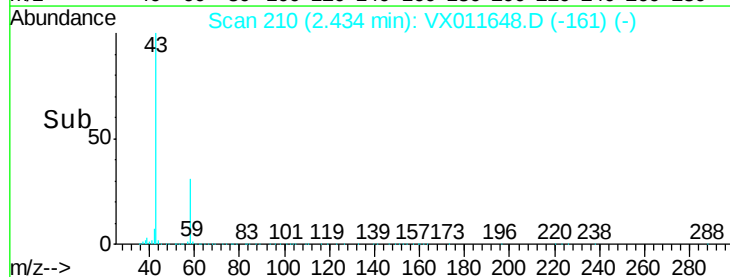
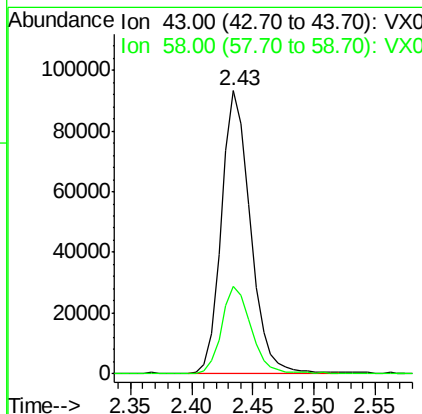
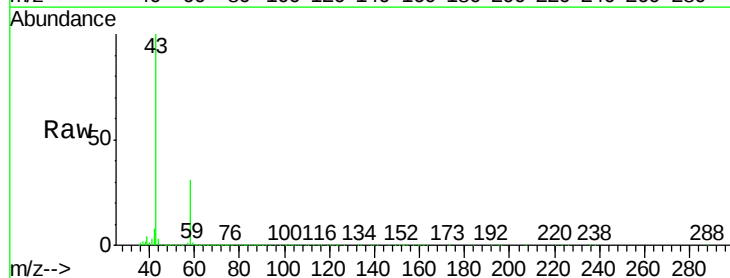
RT: 2.43 min Scan# 210

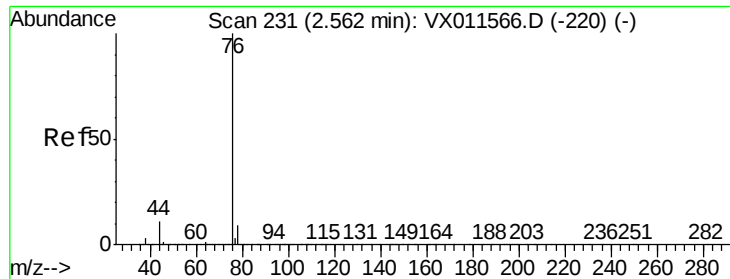
Delta R.T. 0.00 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Tgt Ion:	43	Resp:	151794
Ion Ratio		Lower	Upper
43	100		
58	31.0	25.2	37.8





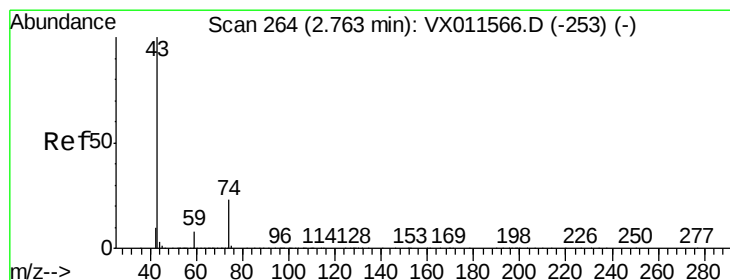
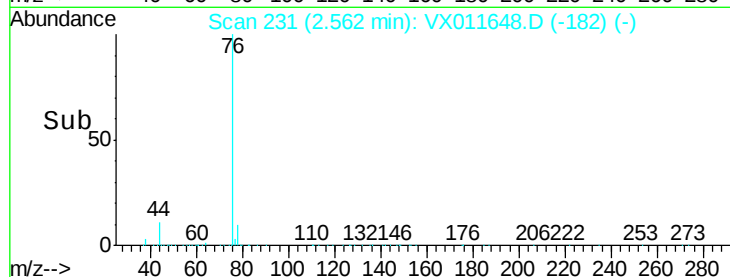
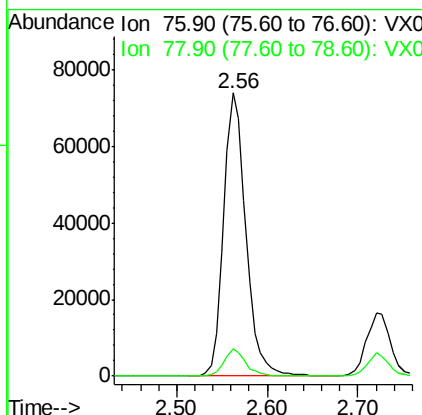
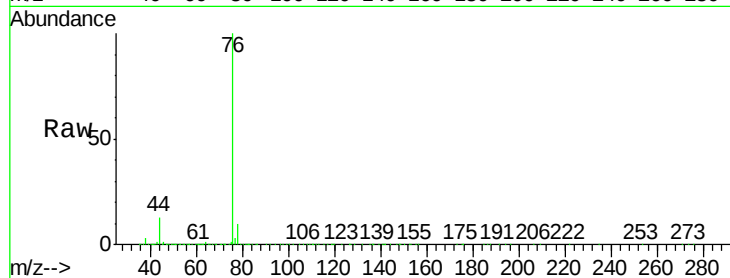
#17
Carbon Disulfide
Concen: 19.748 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
76	76	100			
78	78	9.4	7.2	10.8	

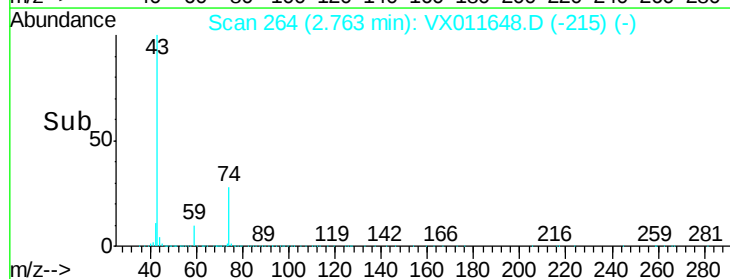
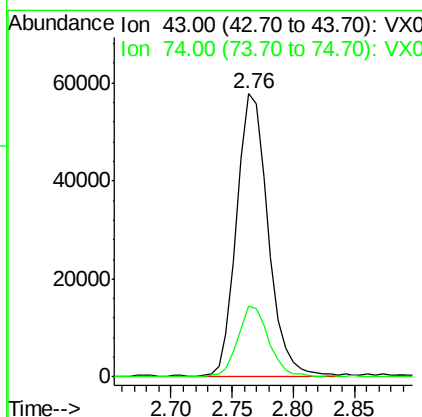
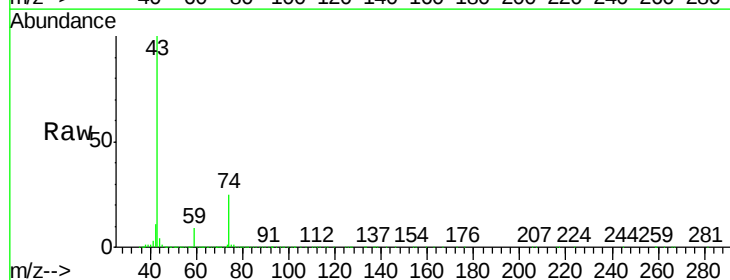
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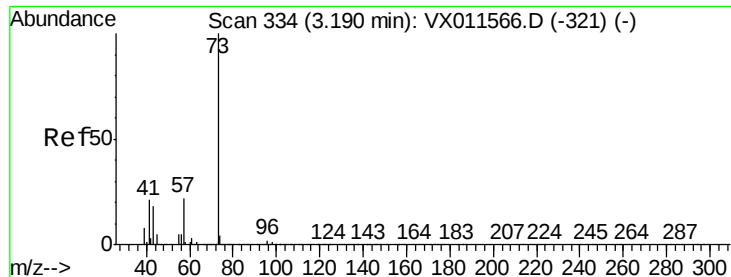
MMDadoda
8/20/2019 3:40:32 PM



#18
Methyl Acetate
Concen: 22.353 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	43	100			
74	74	24.0	19.7	29.5	





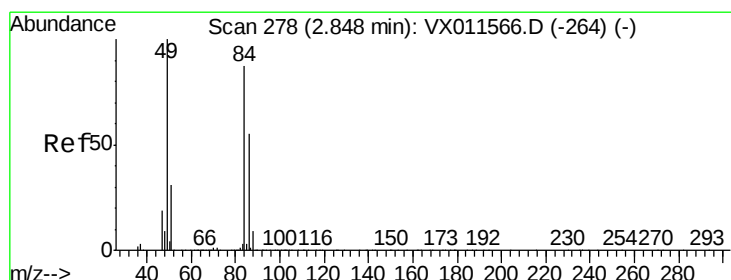
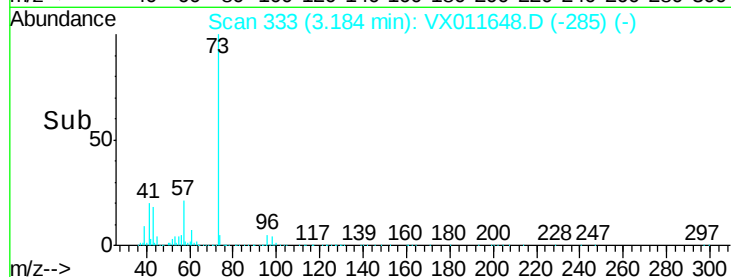
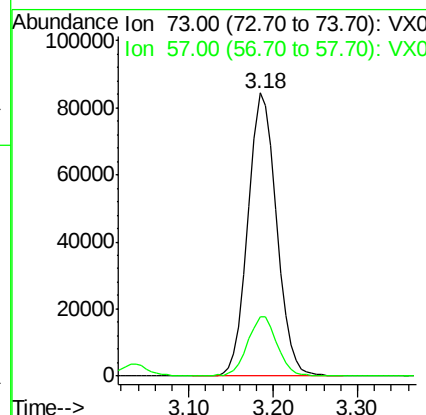
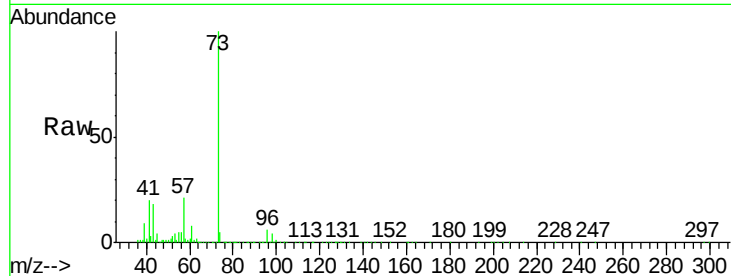
#19
Methvl tert-butvl Ether
Concen: 21.773 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.01 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.2	25.8

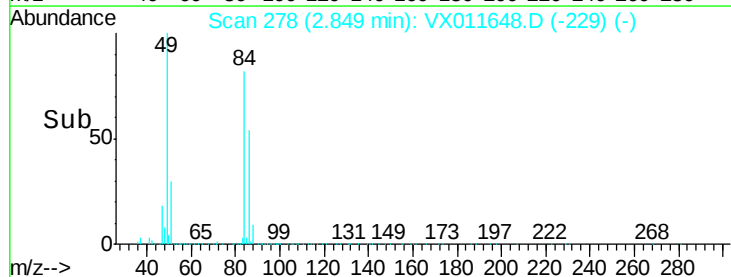
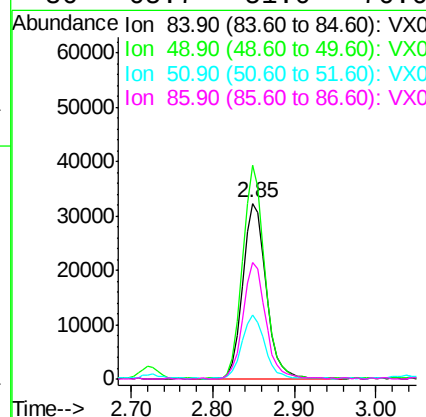
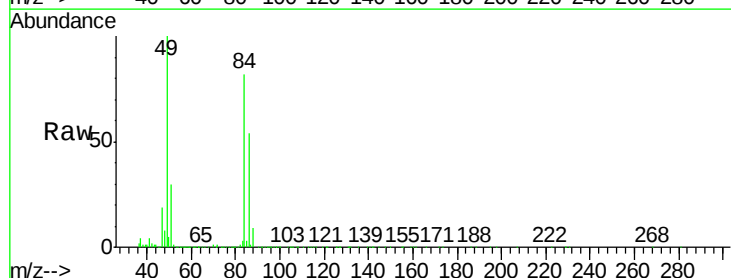
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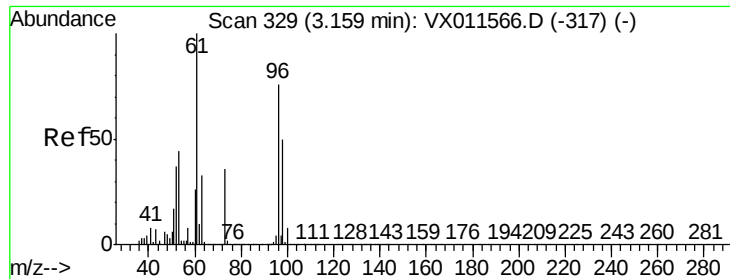
MMDadoda
8/20/2019 3:40:32 PM



#20
Methylene Chloride
Concen: 20.545 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.3	92.4	138.6
51	36.4	28.5	42.7
86	65.7	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 20.754 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Instrument :

MSVOA_X

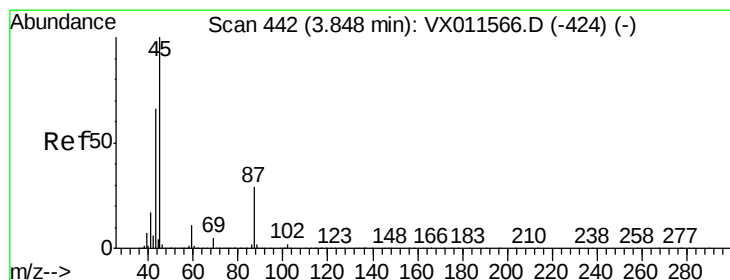
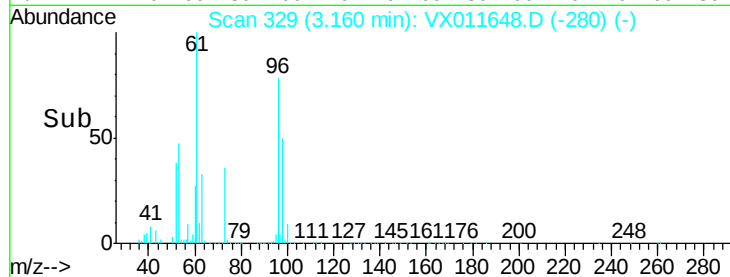
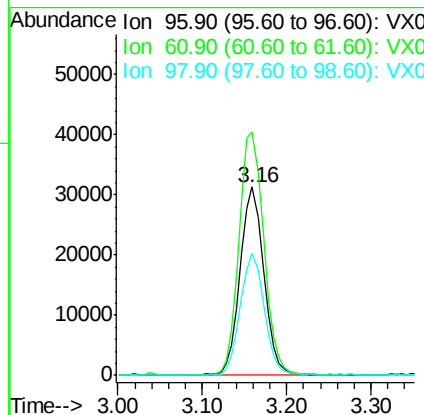
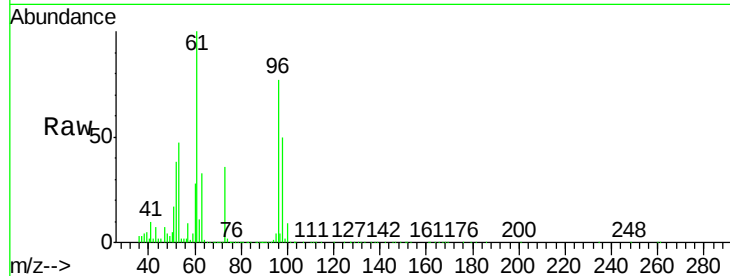
ClientSampleId :

VX0819WBSD02

Tot Ion:	96	Resp:	59744
Ion	Ratio	Lower	Upper
96	100		
61	128.6	105.5	158.3
98	64.5	52.6	78.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.261 ug/l

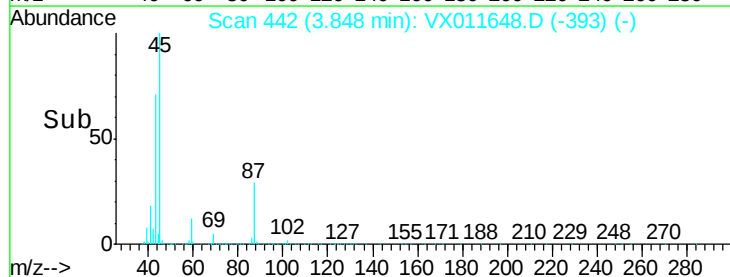
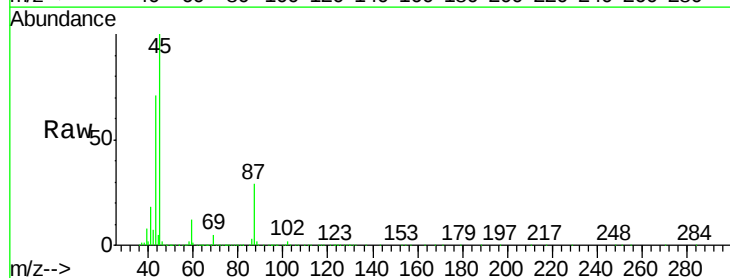
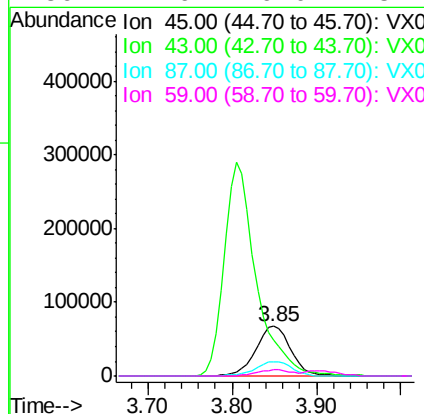
RT: 3.85 min Scan# 442

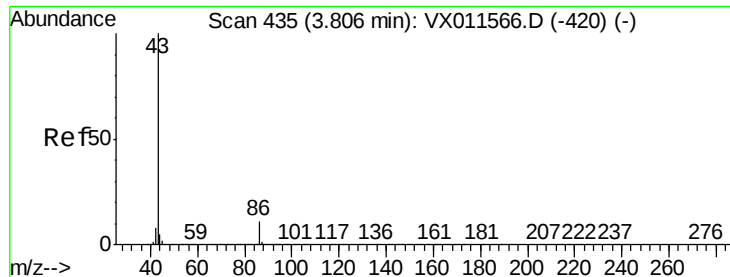
Delta R.T. 0.00 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Tgt Ion:	45	Resp:	191332
Ion	Ratio	Lower	Upper
45	100		
43	71.3	52.7	79.1
87	29.1	23.5	35.3
59	11.6	9.0	13.4





#23

Vinyl Acetate

Concen: 106.157 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD02

Tot Ion: 43 Resp: 756487

Ion Ratio Lower Upper

43 100

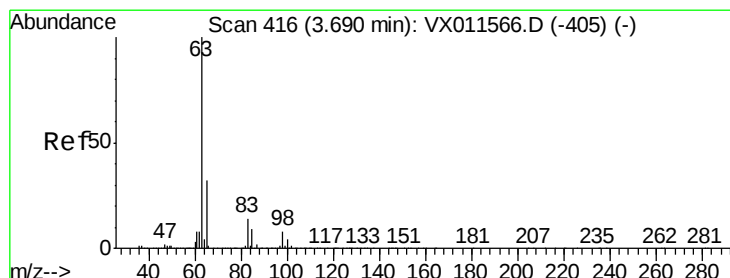
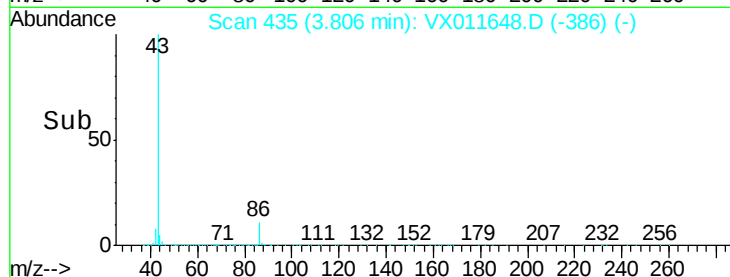
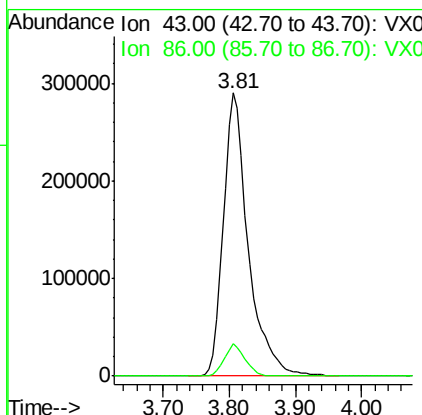
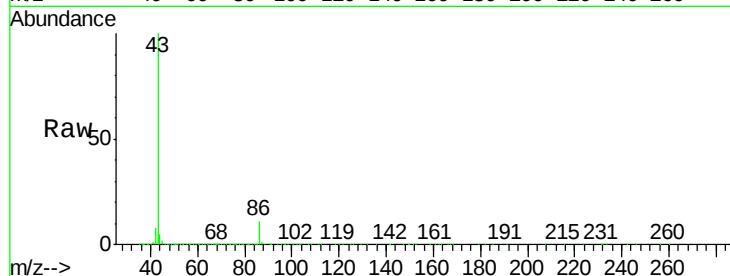
86 11.3 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.929 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

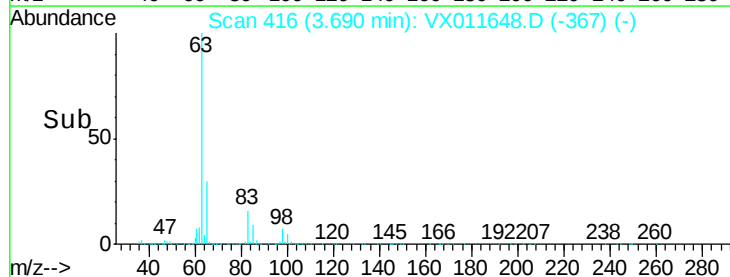
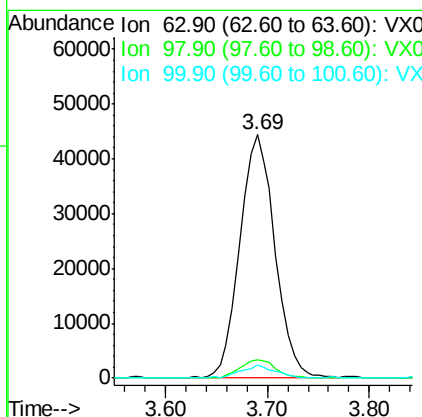
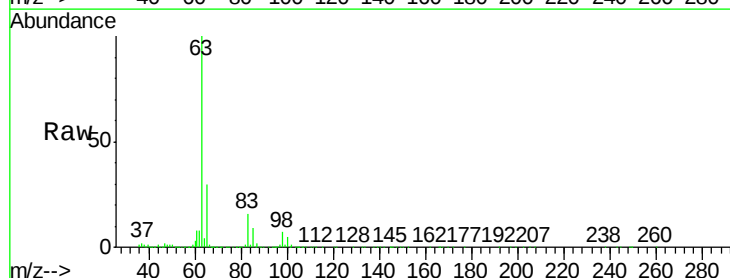
Tgt Ion: 63 Resp: 106485

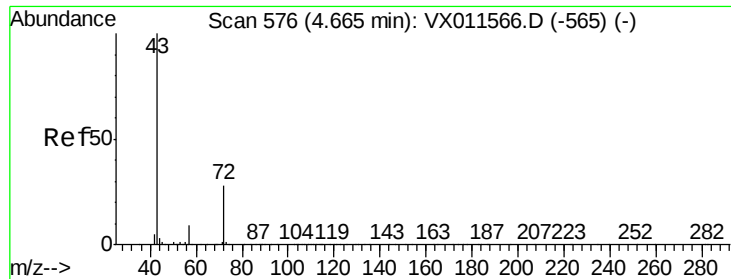
Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

100 5.4 2.1 6.3





#25

2-Butanone

Concen: 106.111 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD02

Tot Ion: 43 Resp: 247470

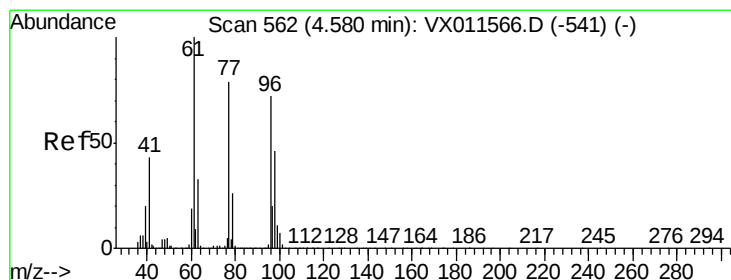
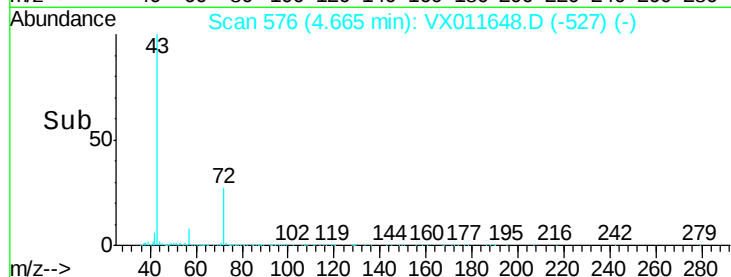
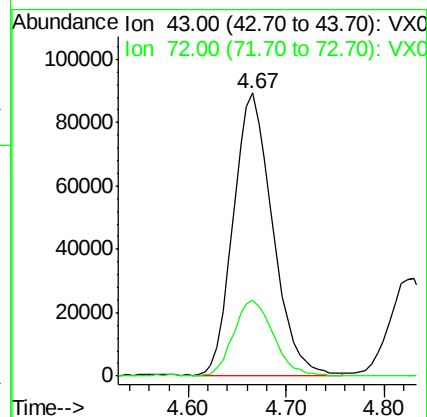
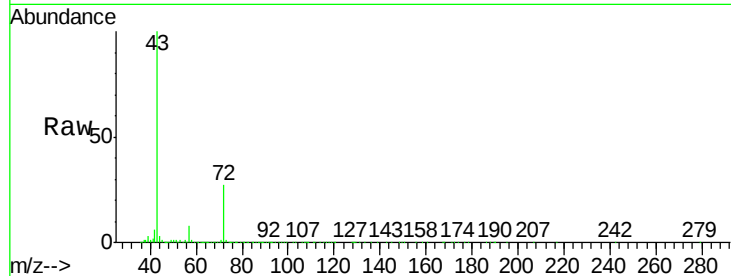
Ion Ratio Lower Upper

43 100

72 26.9 22.2 33.4

Manual Integrations
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8/20/2019 3:40:32 PM



#26

2,2-Dichloropropane

Concen: 17.471 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX011648.D

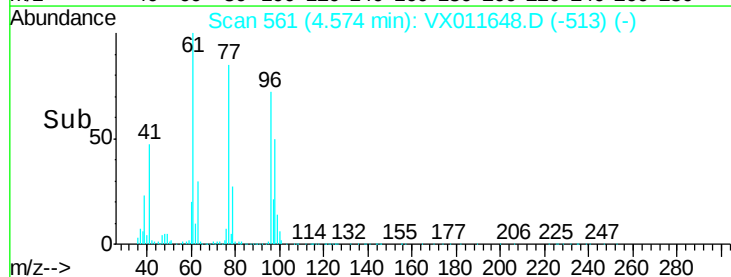
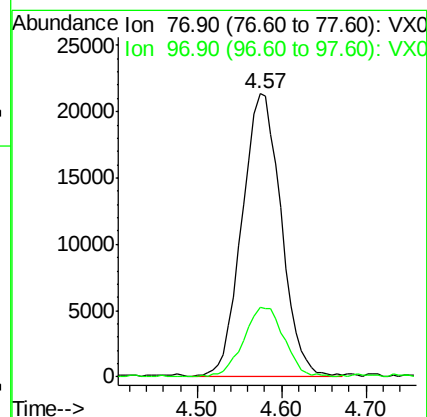
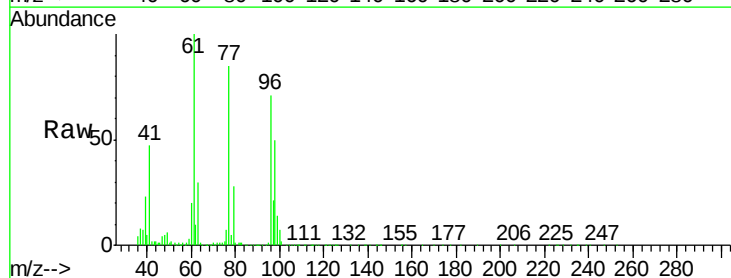
Acq: 19 Aug 2019 22:21

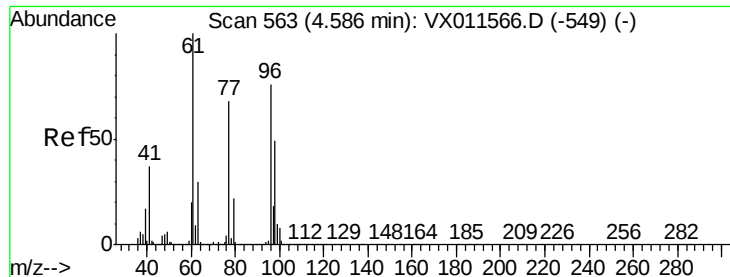
Tgt Ion: 77 Resp: 66903

Ion Ratio Lower Upper

77 100

97 25.9 12.4 37.2





#27

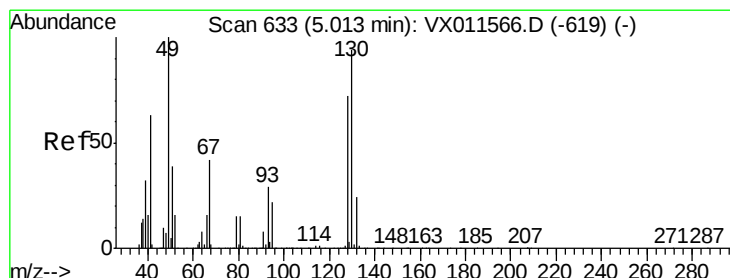
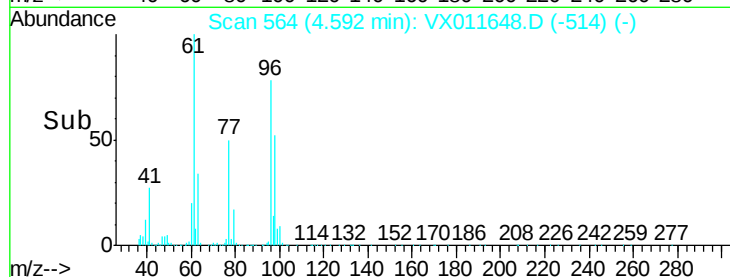
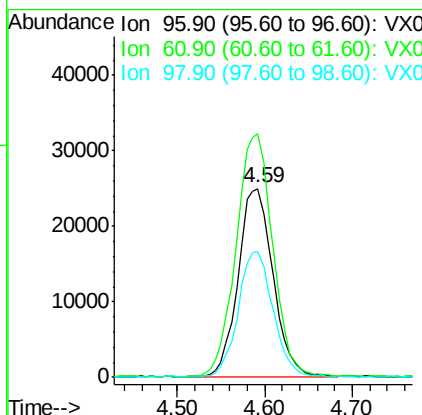
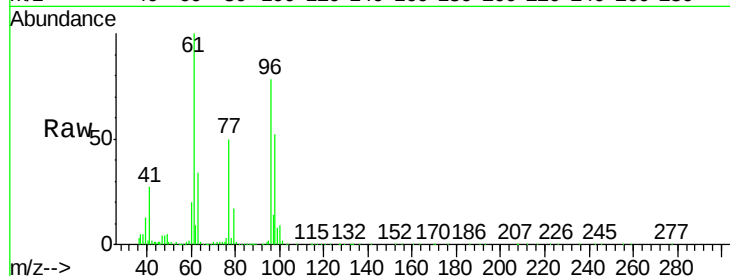
cis-1,2-Dichloroethene
Concen: 20.626 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	69217		
61	134.6	0.0	272.6	
98	66.3	0.0	129.4	

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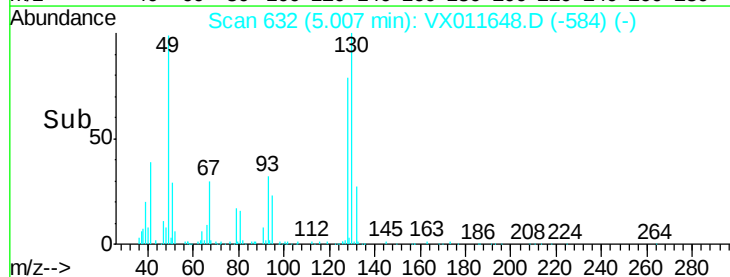
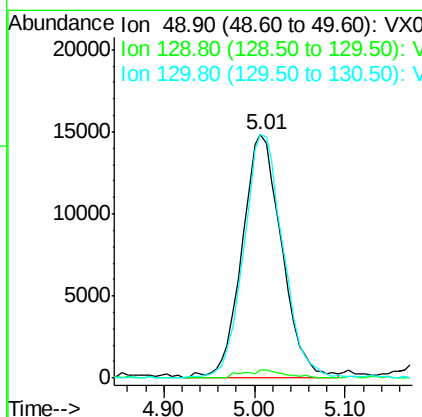
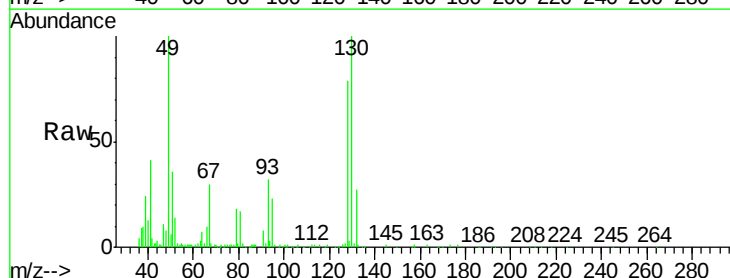
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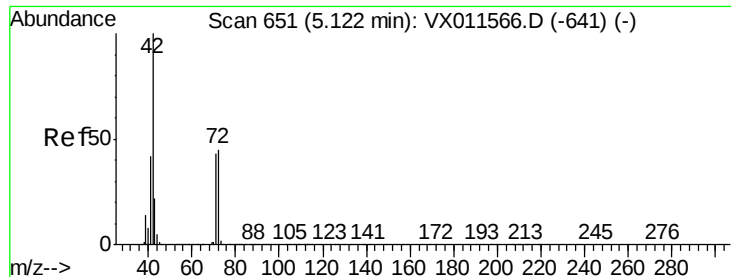


#28

Bromochloromethane
Concen: 20.137 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	44976		
129	3.5	0.0	5.0	
130	99.0	76.6	115.0	





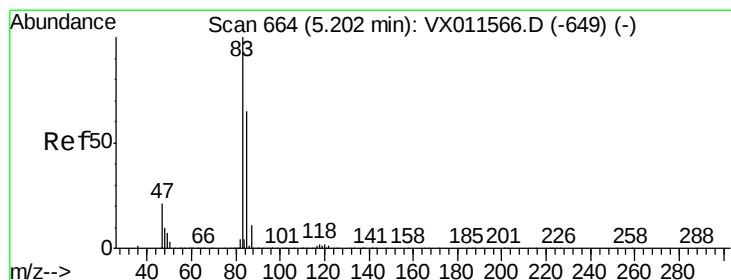
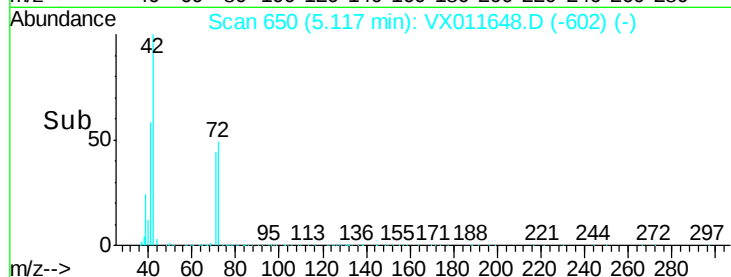
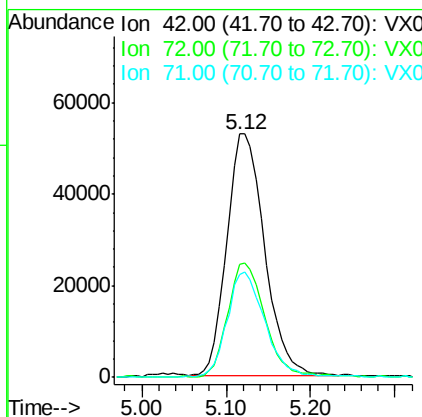
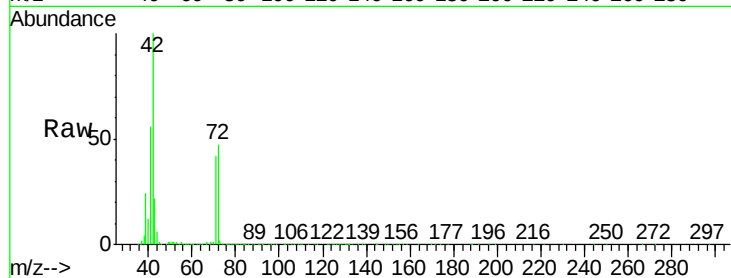
#29
Tetrahydrofuran
Concen: 104.929 ug/l
RT: 5.12 min Scan# 650
Delta R.T. -0.01 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD02

Tot Ion	Ratio	Resp Lower	Upper
42	100		
72	47.5	36.1	54.1
71	43.0	33.8	50.8

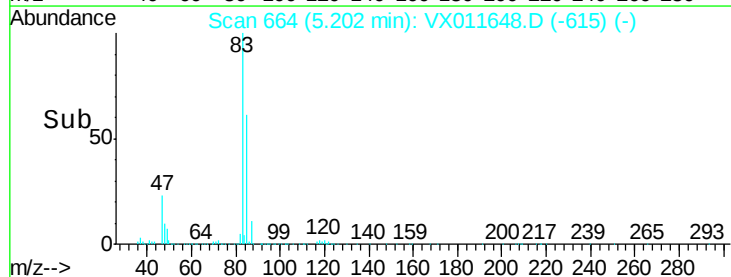
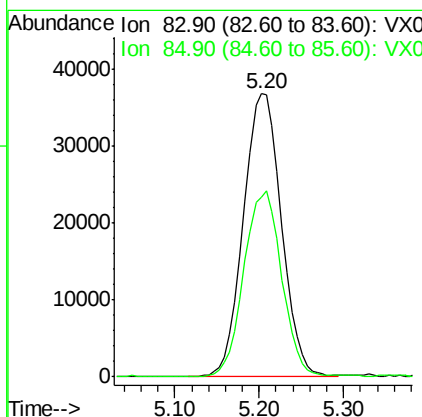
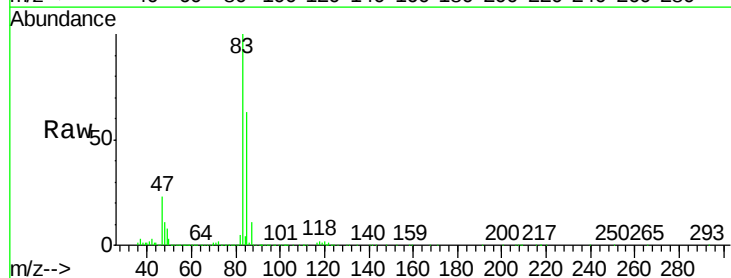
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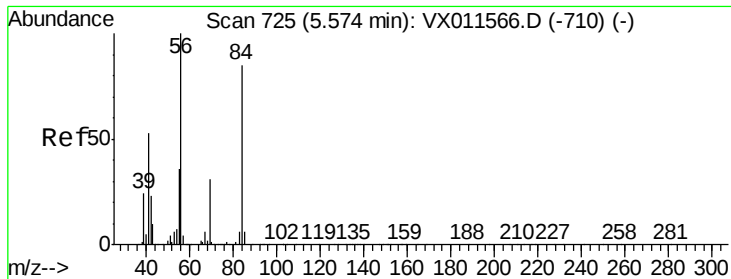
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8/20/2019 3:40:32 PM



#30
Chloroform
Concen: 20.947 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
85	63.4	51.9	77.9





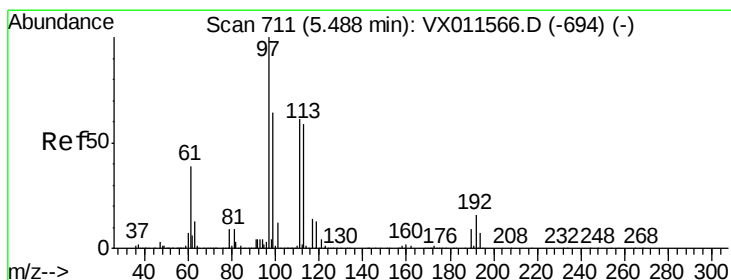
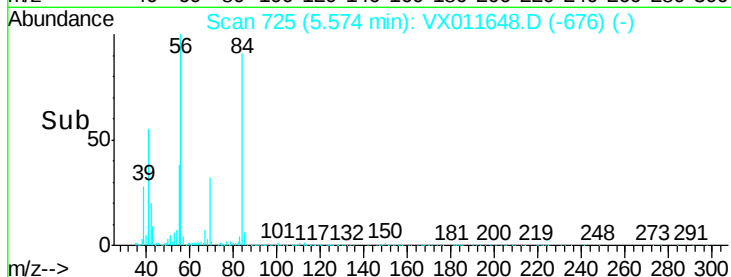
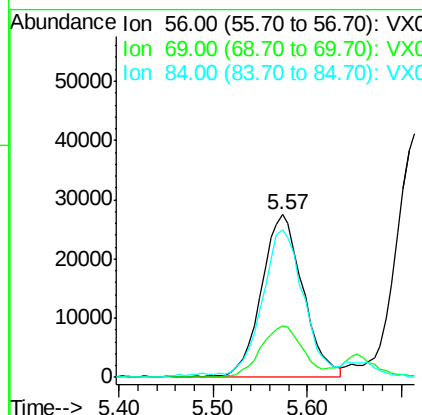
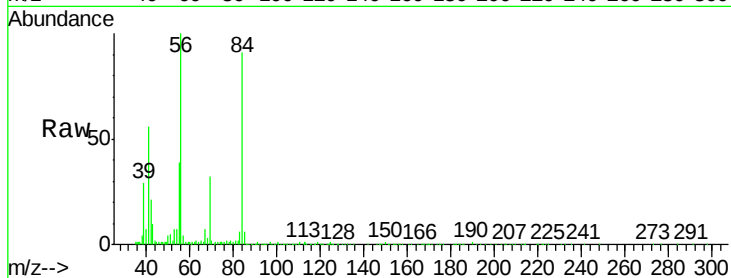
#31
Cyclohexane
Concen: 19.391 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	31.6	24.8	37.2	
84	89.0	67.9	101.9	

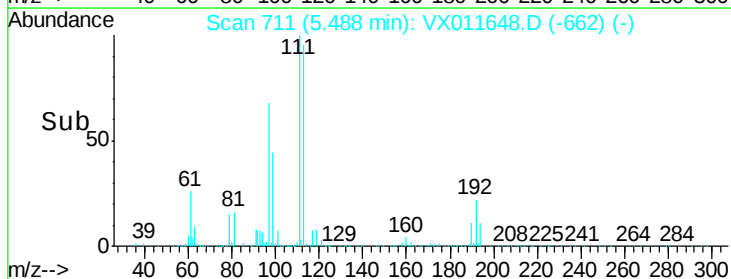
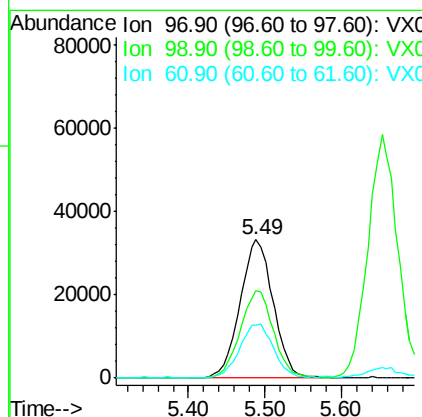
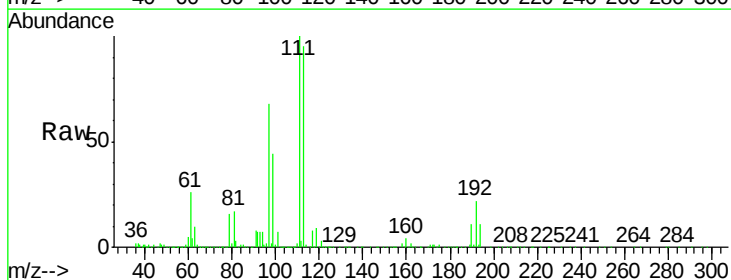
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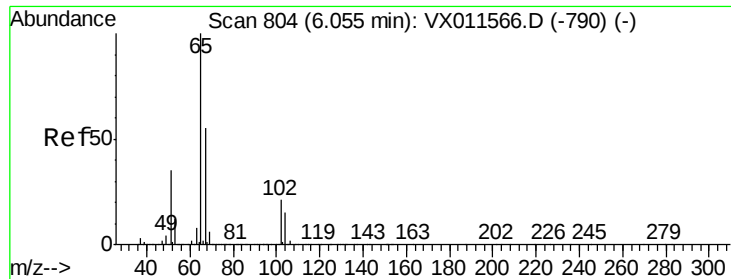
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8/20/2019 3:40:32 PM



#32
1,1,1-Trichloroethane
Concen: 21.615 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	63.1	51.4	77.0	
61	40.1	31.4	47.2	





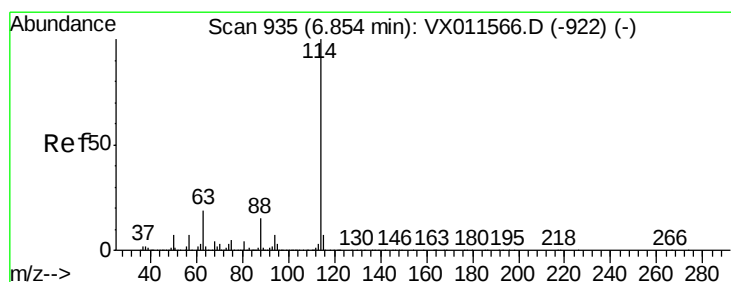
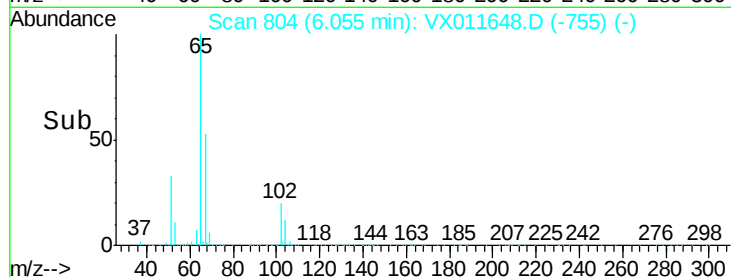
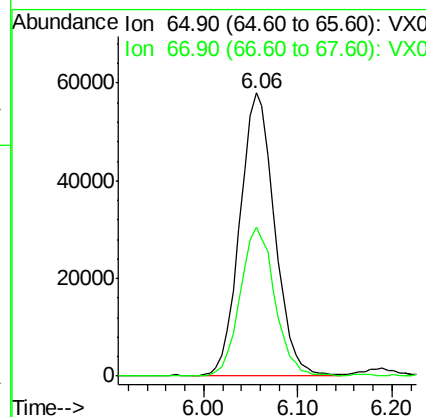
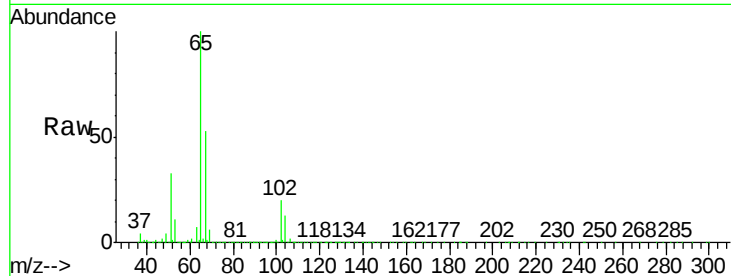
#33
 1,2-Dichloroethane-d4
 Concen: 50.404 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011648.D
 Acq: 19 Aug 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	148916		
67	51.8	0.0	107.6	

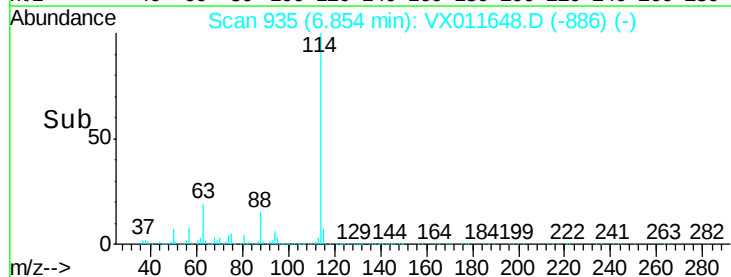
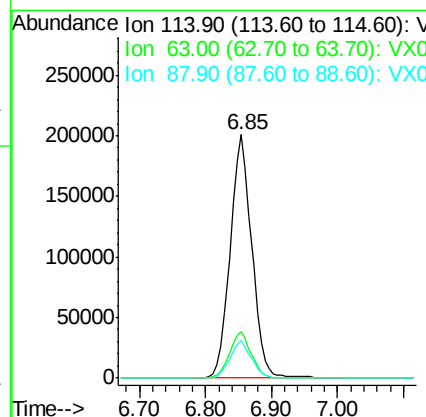
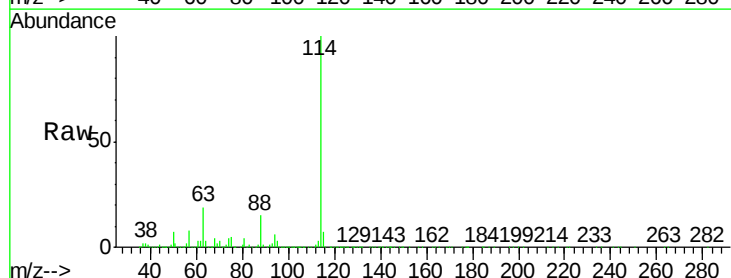
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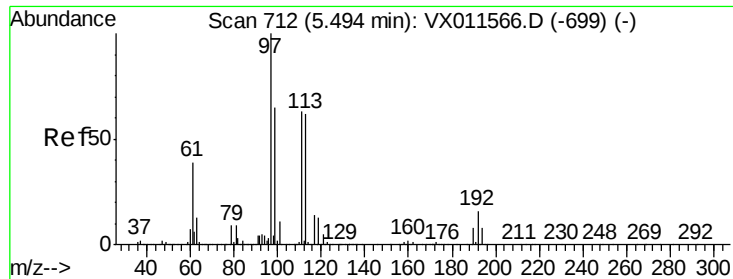
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011648.D
 Acq: 19 Aug 2019 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	453815		
63	18.8	0.0	37.8	
88	15.3	0.0	30.2	





#35

Dibromofluoromethane

Concen: 44.760 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Instrument :

MSVOA_X

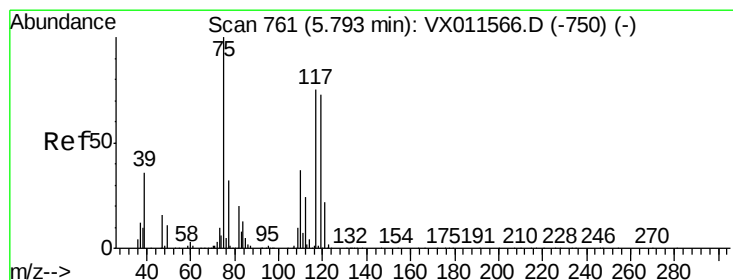
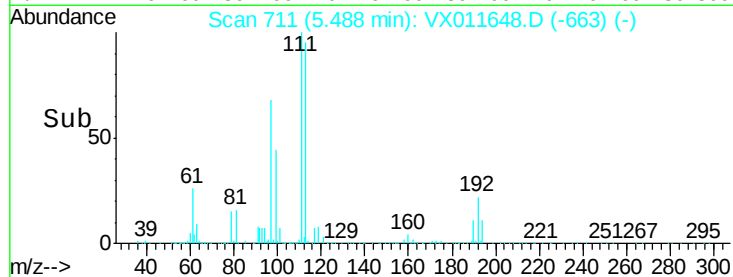
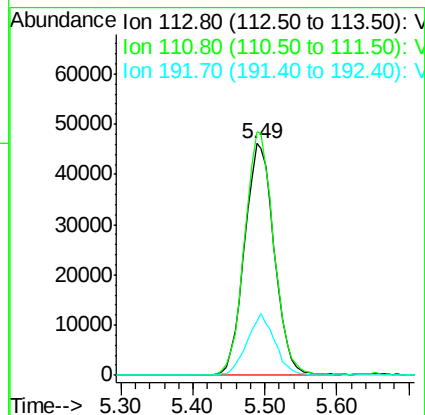
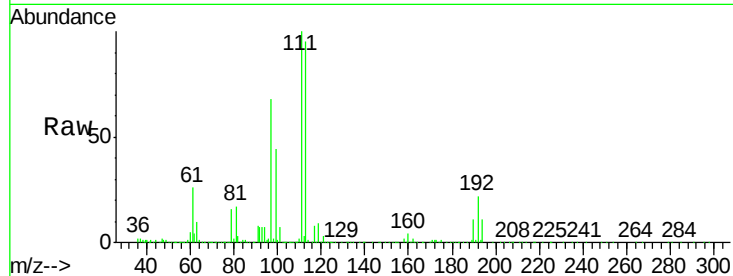
ClientSampleId :

VX0819WBSD02

Tot Ion:	113	Resp:	132858
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.1	121.7
192	25.1	20.8	31.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.652 ug/l

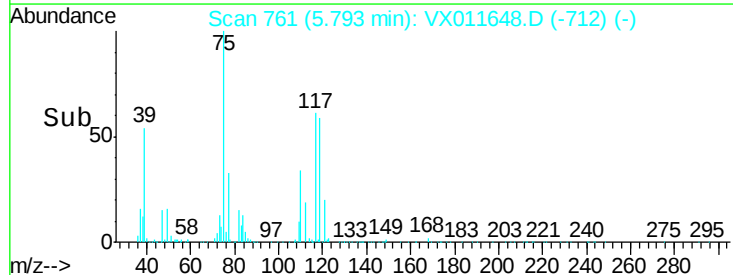
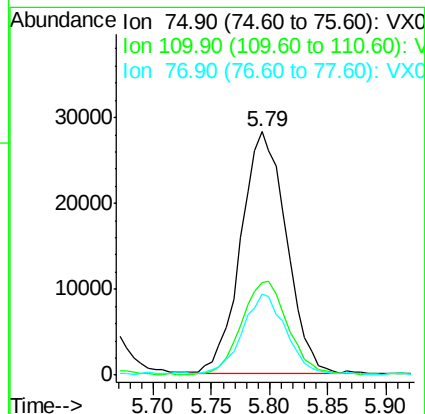
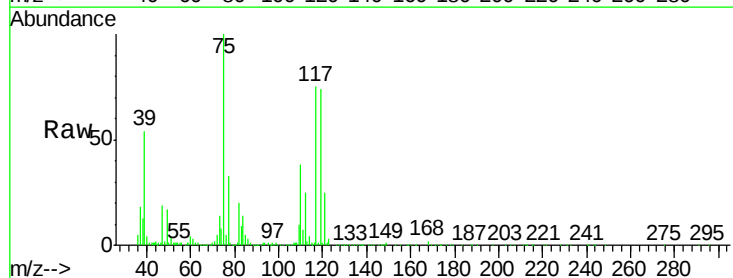
RT: 5.79 min Scan# 761

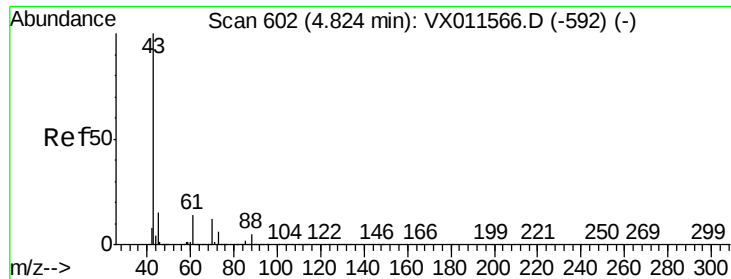
Delta R.T. 0.00 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Tgt Ion:	75	Resp:	76249
Ion Ratio	Lower	Upper	
75	100		
110	40.2	19.4	58.1
77	31.5	25.1	37.7





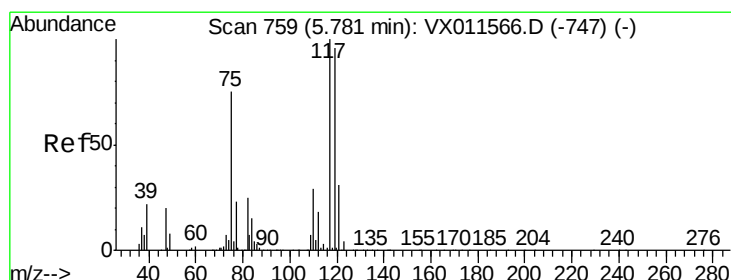
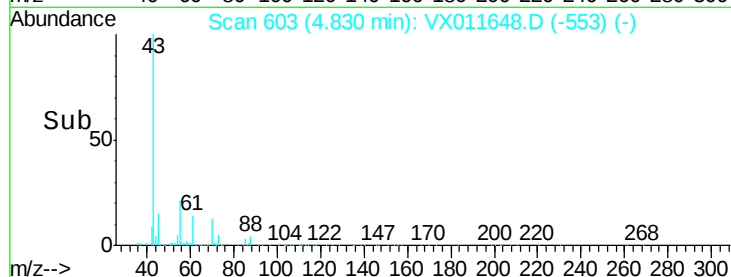
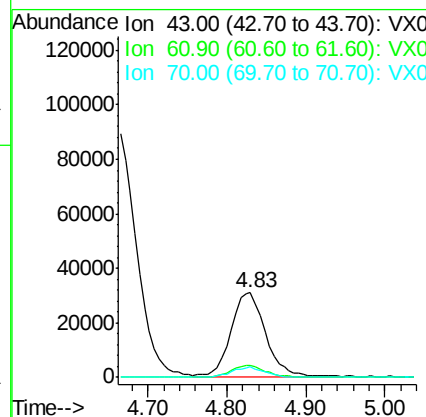
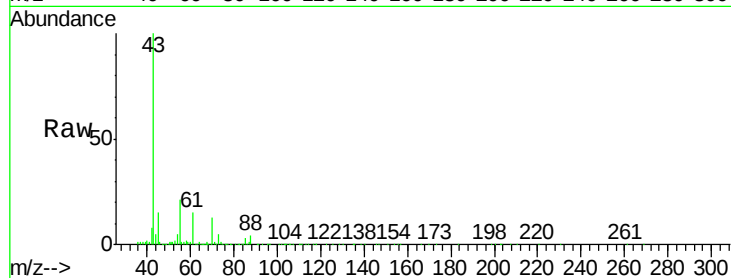
#37
Ethyl Acetate
Concen: 20.787 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.01 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.4	17.0
70	11.4	9.0	13.6

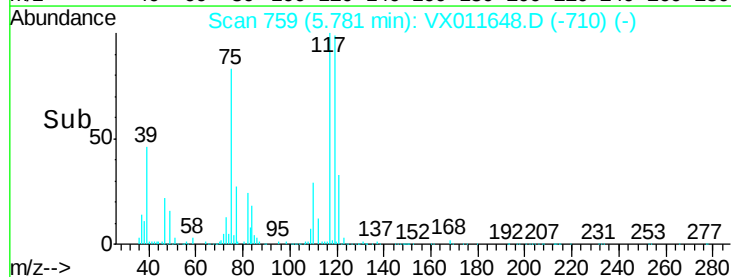
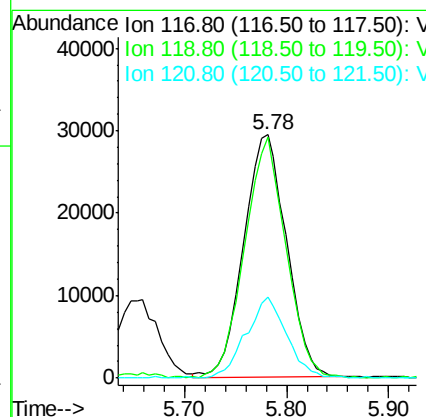
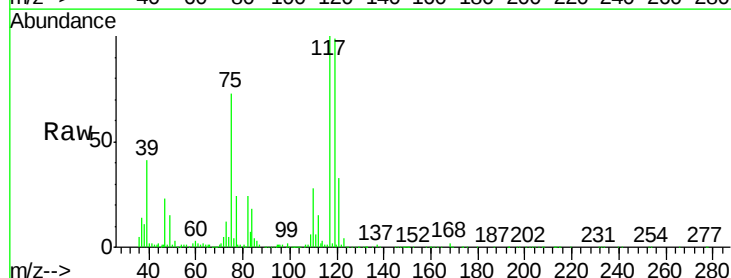
Manual Integrations
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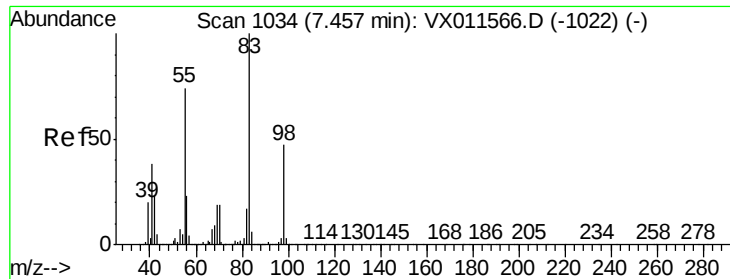
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#38
Carbon Tetrachloride
Concen: 20.025 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.0	76.9	115.3
121	32.7	24.8	37.2





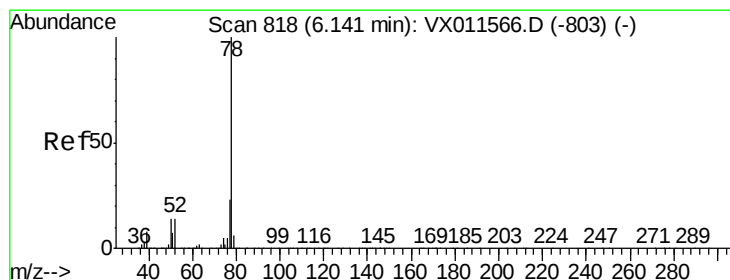
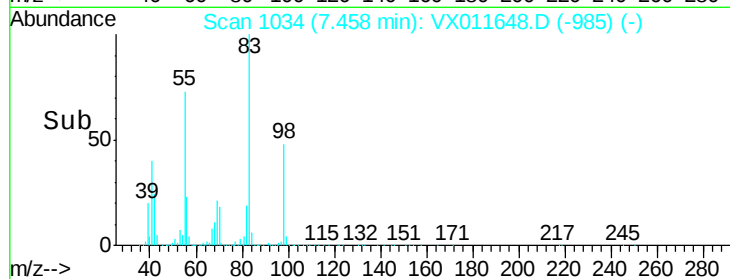
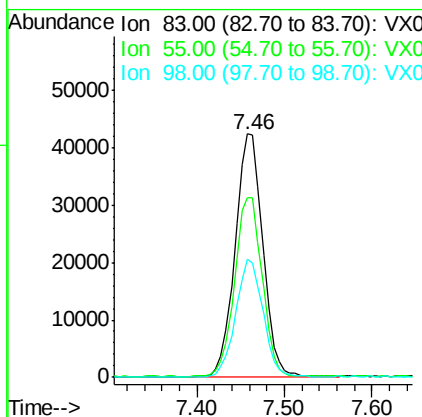
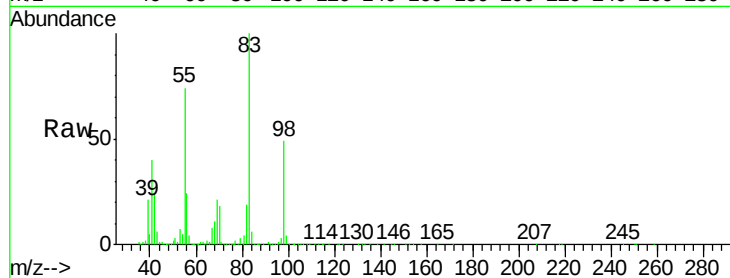
#39
Methvlcvclohexane
Concen: 19.702 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.4	58.8	88.2
98	48.5	37.8	56.6

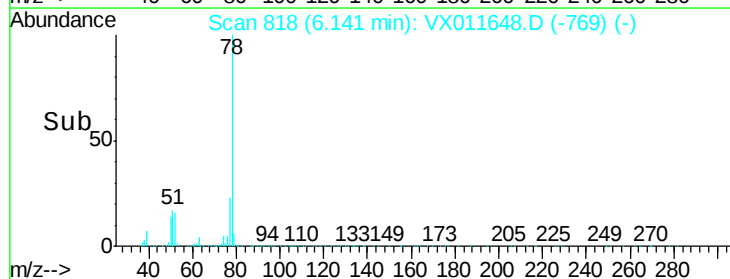
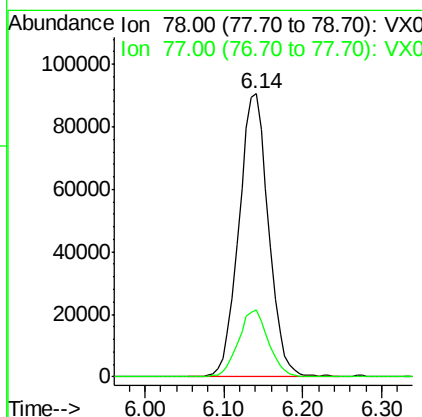
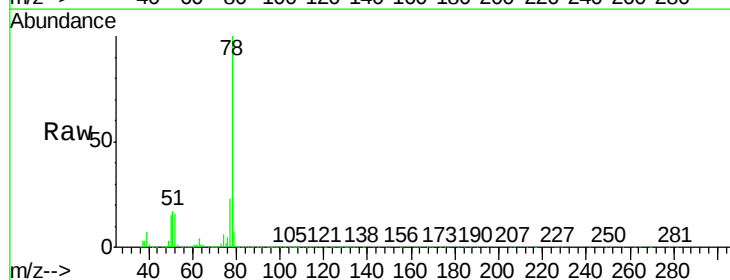
Manual Integrations
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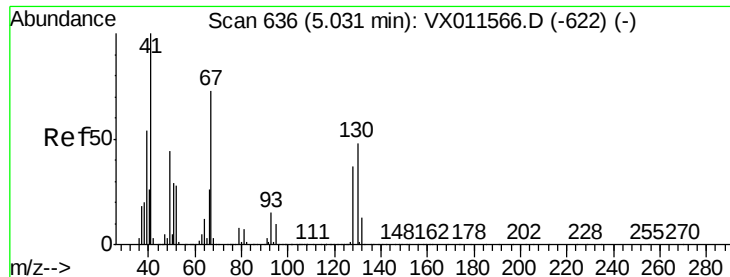
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#40
Benzene
Concen: 19.551 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.6	28.0





#41

Methacrylonitrile

Concen: 21.002 ug/l

RT: 5.03 min Scan# 636

Delta R.T. 0.00 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Instrument :

MSVOA_X

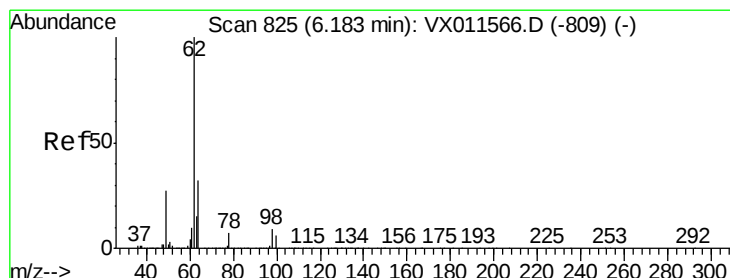
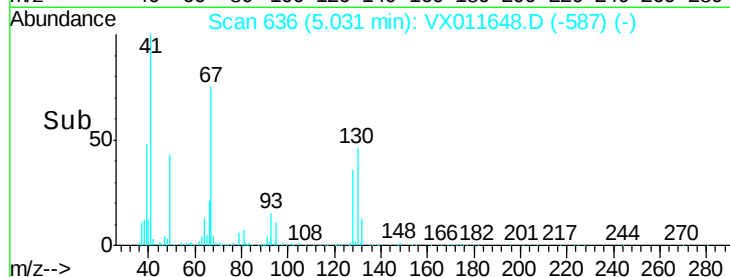
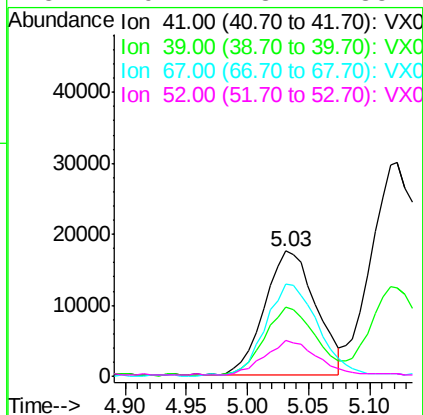
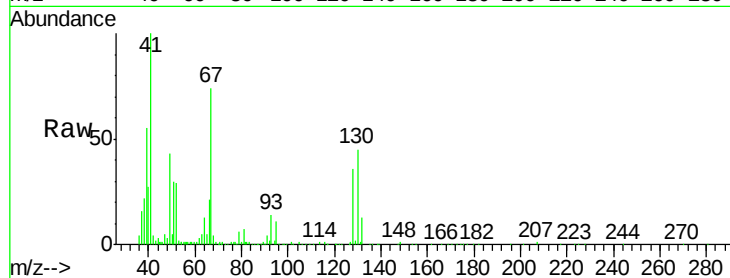
ClientSampleId :

VX0819WBSD02

Tot Ion:	41	Resp:	51585
Ion	Ratio	Lower	Upper
41	100		
39	54.3	43.5	65.3
67	76.7	59.4	89.2
52	29.1	23.4	35.2

Manual Integrations
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MMDadoda
8/20/2019 3:40:32 PM



#42

1,2-Dichloroethane

Concen: 21.917 ug/l

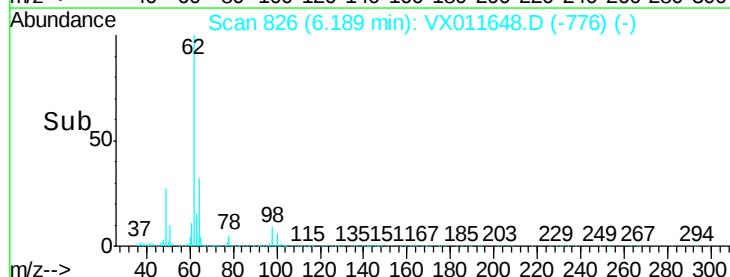
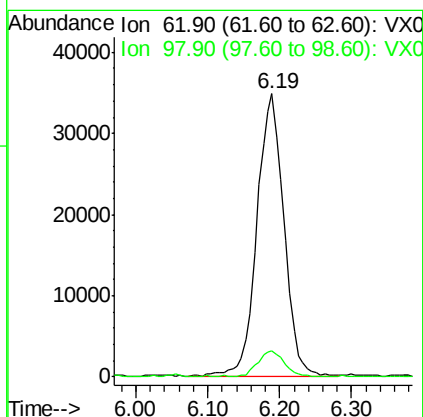
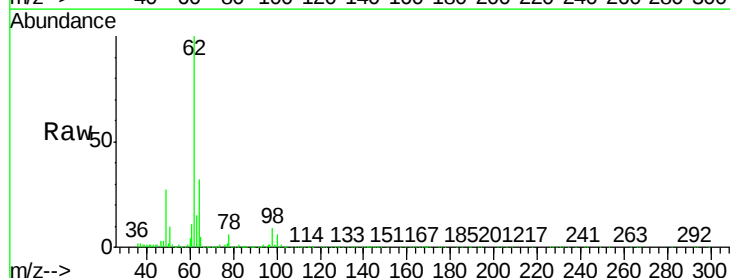
RT: 6.19 min Scan# 826

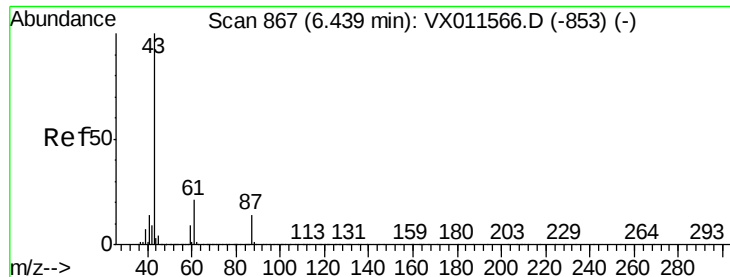
Delta R.T. 0.01 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Tgt Ion:	62	Resp:	91560
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.4





#43

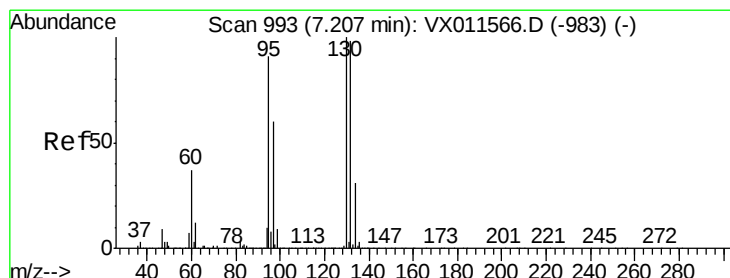
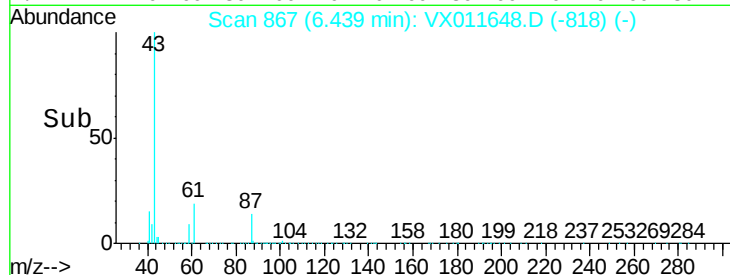
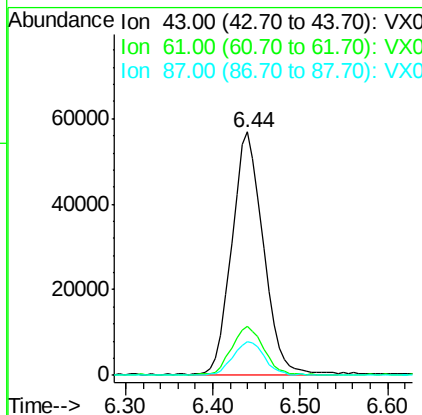
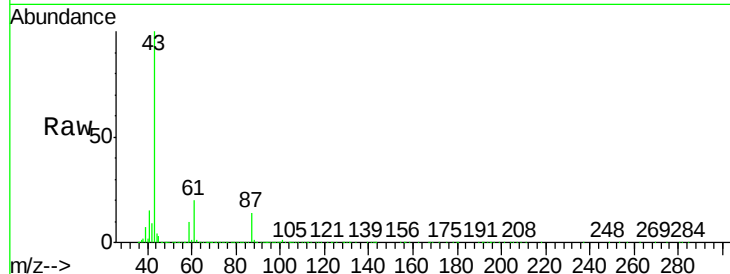
Isopropyl Acetate
 Concen: 20.371 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VX011648.D
 Acq: 19 Aug 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.3	16.6	24.8
87	14.3	11.4	17.2

Manual Integrations
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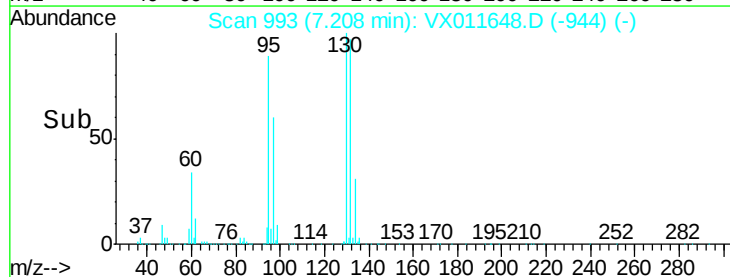
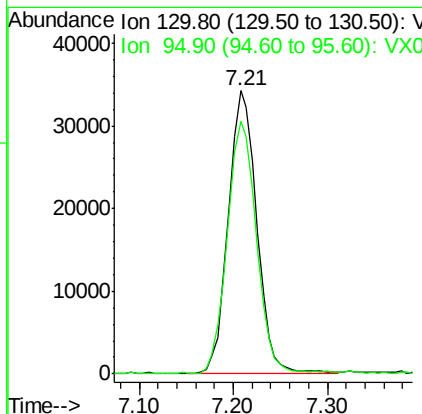
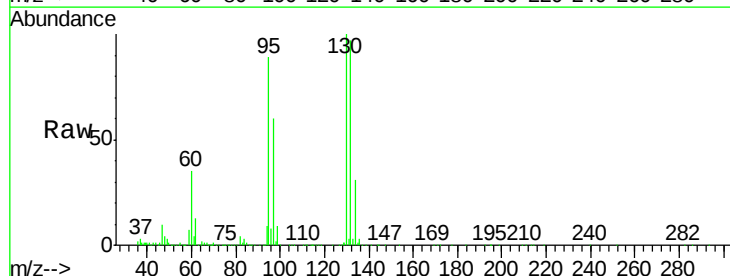
MMDadoda
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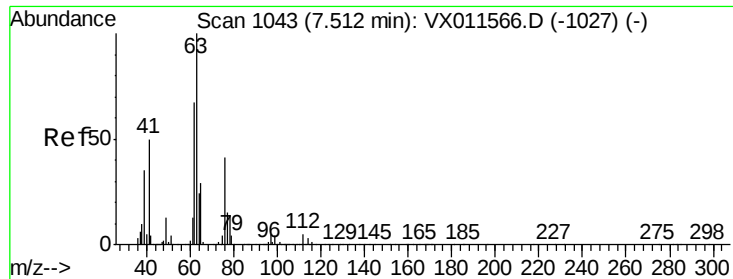


#44

Trichloroethene
 Concen: 20.231 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX011648.D
 Acq: 19 Aug 2019 22:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.1	0.0	181.4





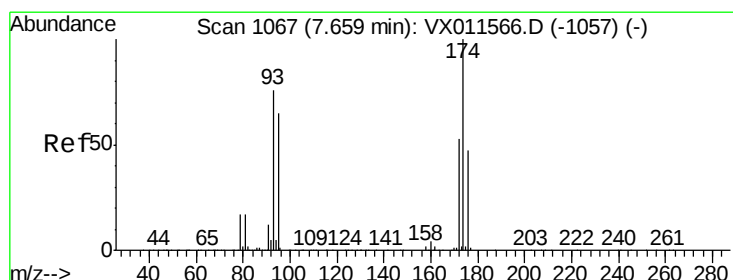
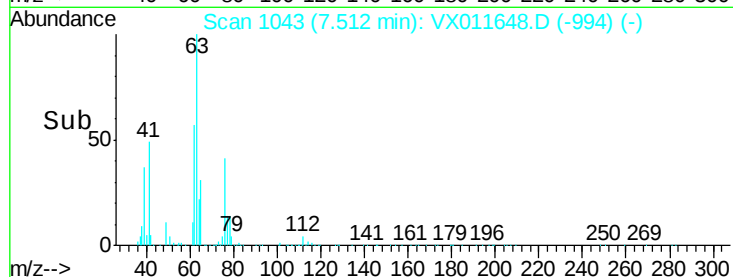
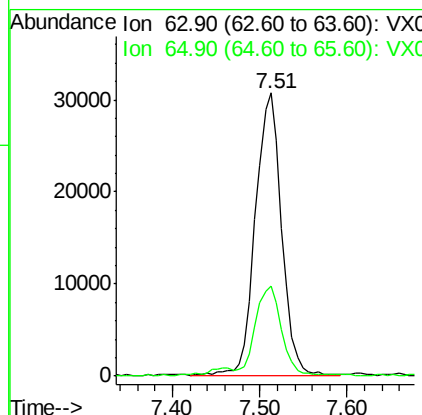
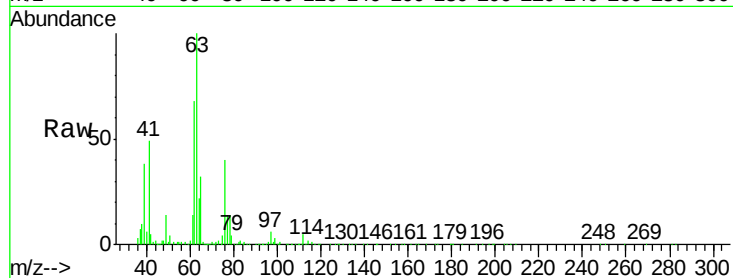
#45
 1,2-Dichloropropane
 Concen: 21.403 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011648.D
 Acq: 19 Aug 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
63	100	64360		
65	31.1		23.4	35.2

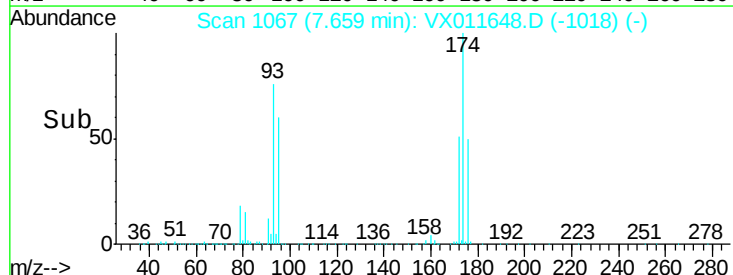
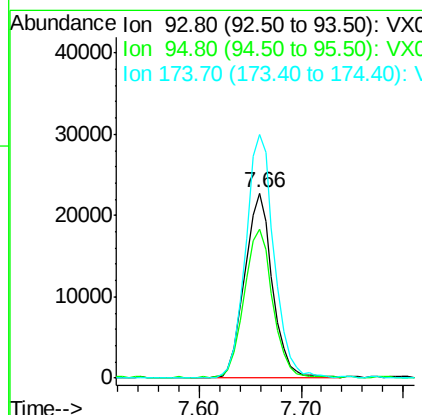
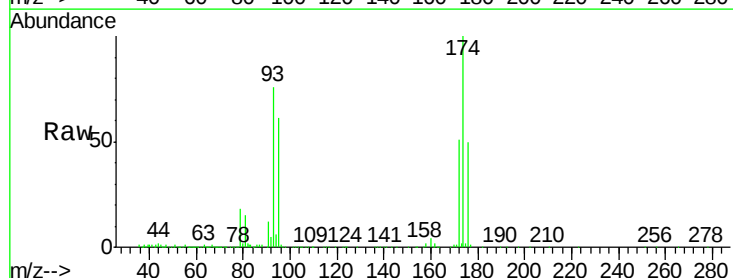
Manual Integrations
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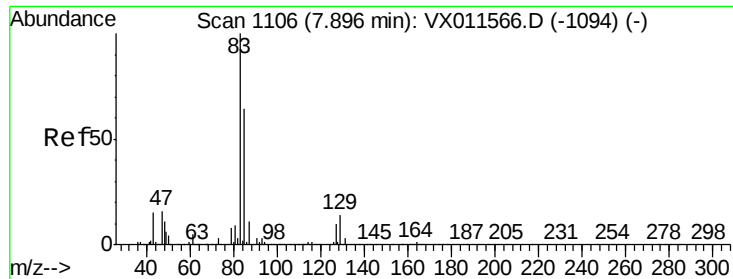
MMDadoda
 8/20/2019 3:40:32 PM



#46
 Dibromomethane
 Concen: 19.815 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011648.D
 Acq: 19 Aug 2019 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	43299		
95	82.5		67.2	100.8
174	134.8		105.5	158.3





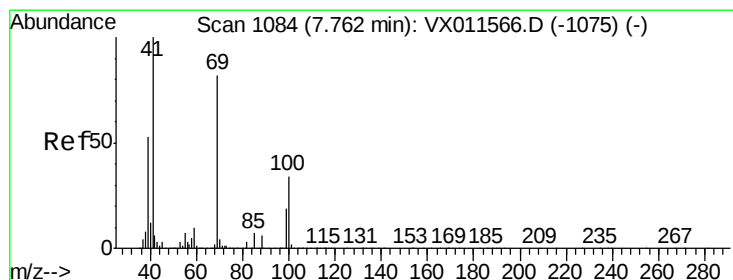
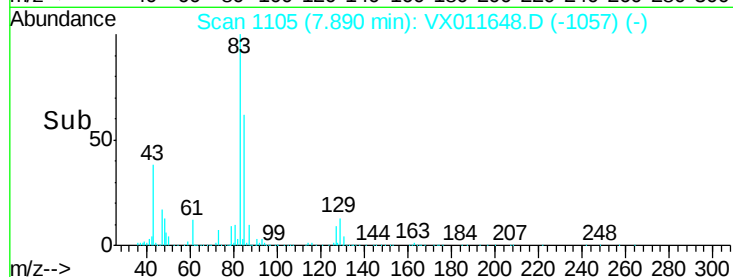
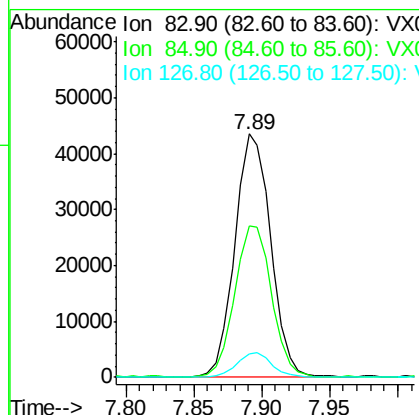
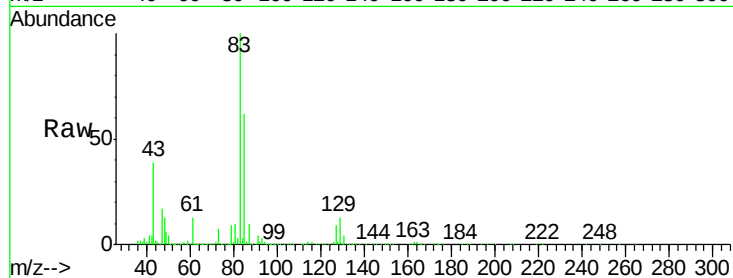
#47
Bromodichloromethane
Concen: 19.833 ug/l
RT: 7.89 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	79574		
85	62.0		51.2	76.8
127	9.3		8.1	12.1

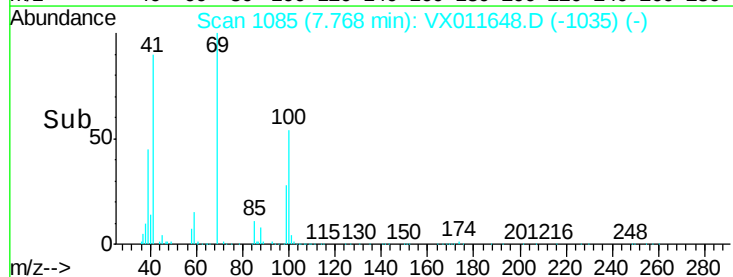
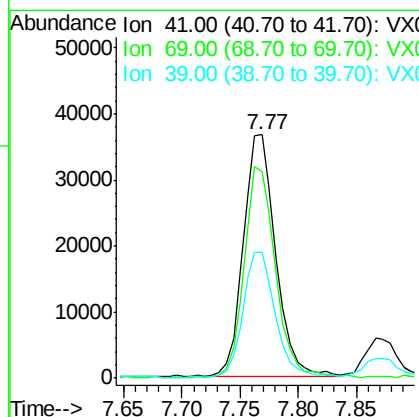
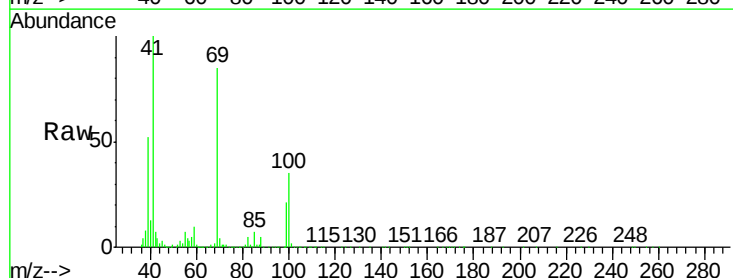
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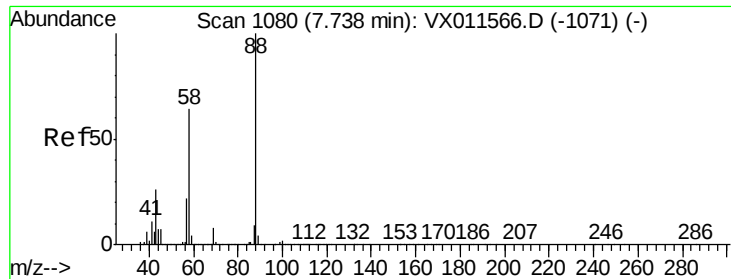
MMDadoda
8/20/2019 3:40:32 PM



#48
Methyl methacrylate
Concen: 20.556 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.01 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	70898		
69	84.2		67.9	101.9
39	53.4		41.6	62.4





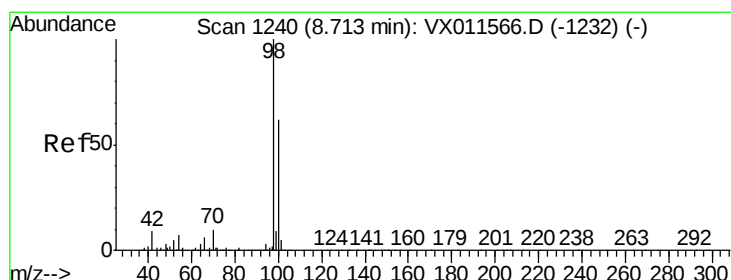
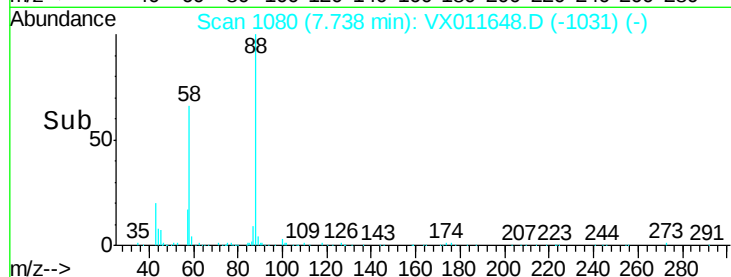
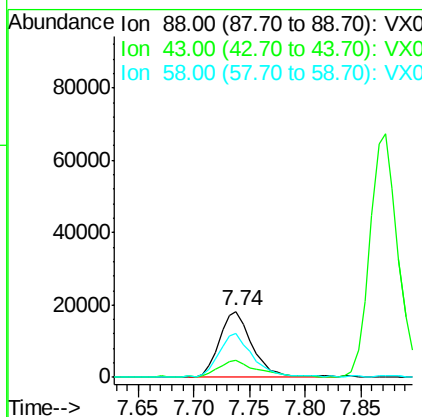
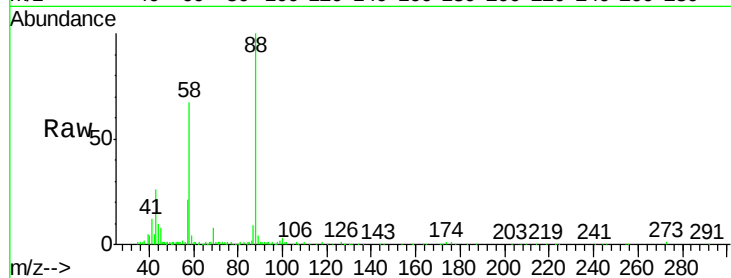
#49
1,4-Dioxane
Concen: 404.234 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.9	23.4	35.0
58	69.6	54.3	81.5

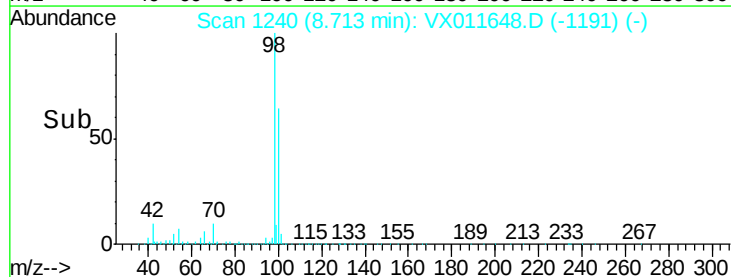
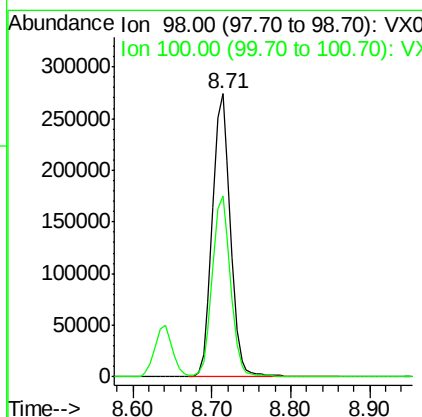
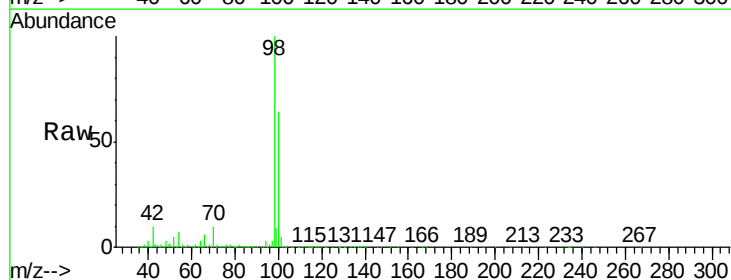
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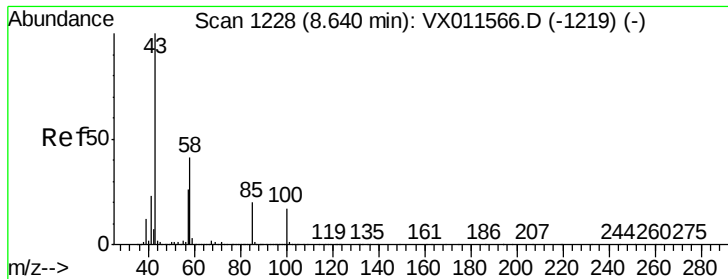
MMDadoda
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#50
Toluene-d8
Concen: 47.480 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 105.487 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD02

Tot Ion: 43 Resp: 480884

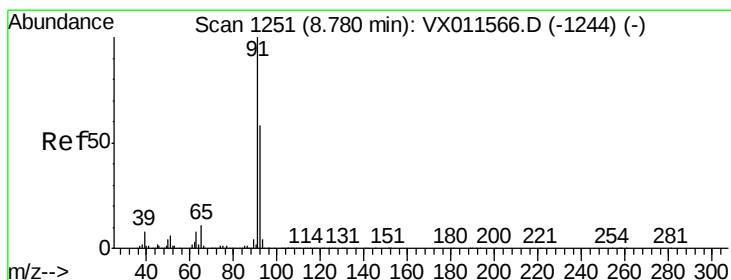
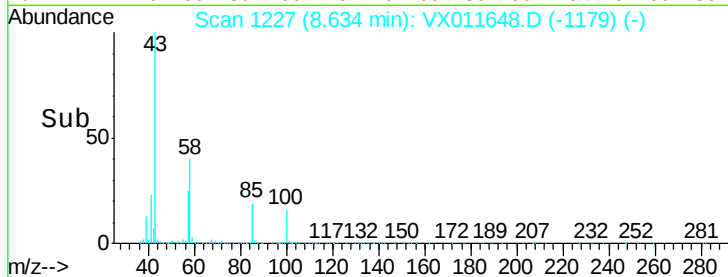
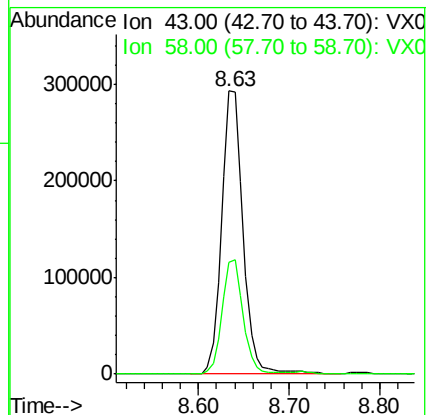
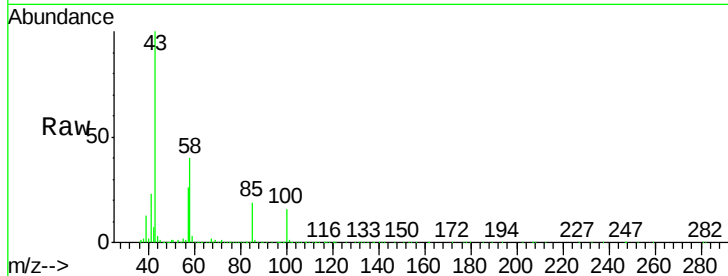
Ion Ratio Lower Upper

43 100

58 39.5 31.8 47.6

Manual Integrations
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#52

Toluene

Concen: 20.642 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011648.D

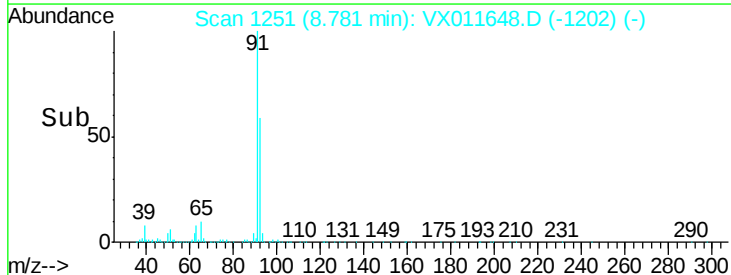
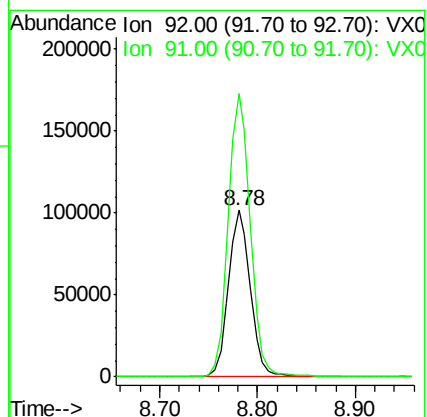
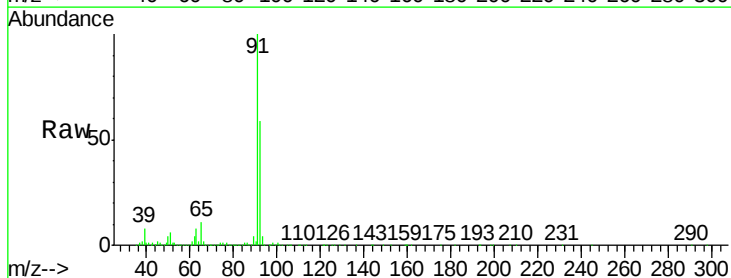
Acq: 19 Aug 2019 22:21

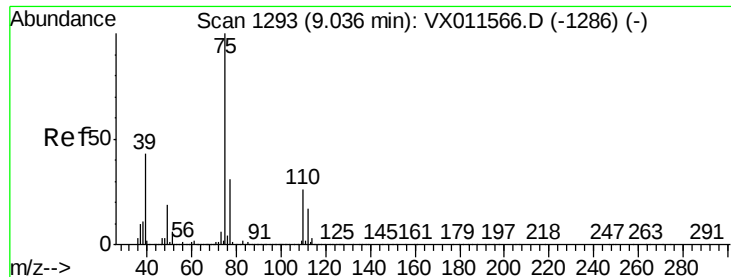
Tgt Ion: 92 Resp: 158568

Ion Ratio Lower Upper

92 100

91 171.0 138.0 207.0





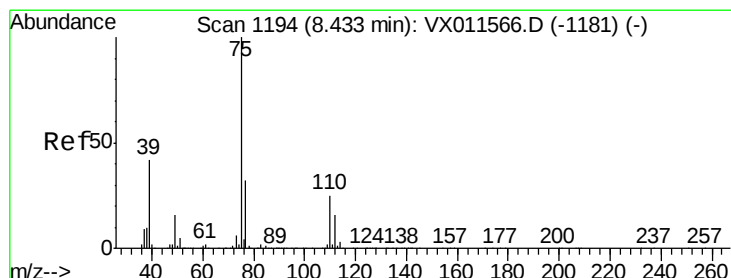
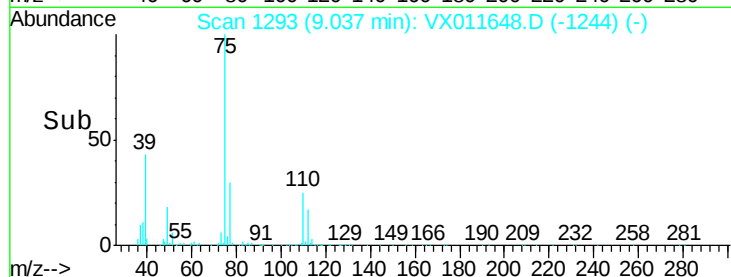
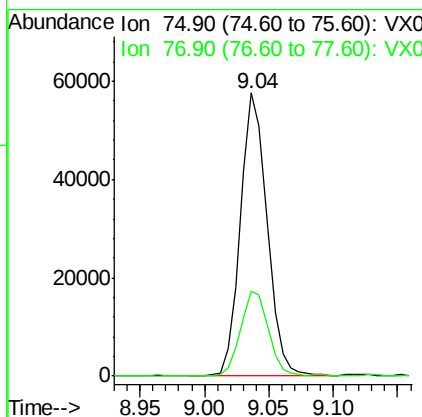
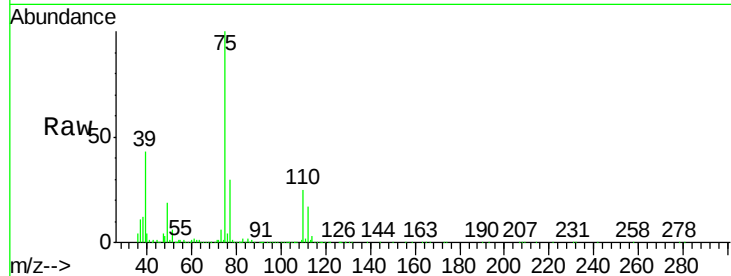
#53
t-1,3-Dichloropropene
Concen: 19.967 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.9	25.1	37.7

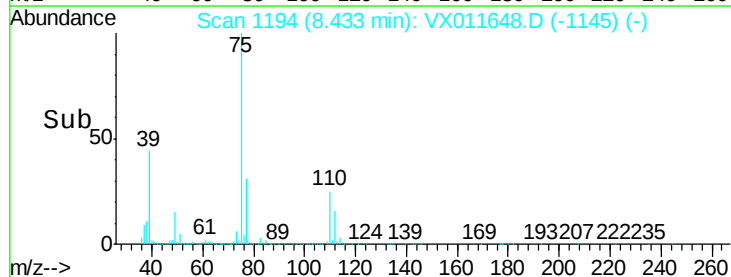
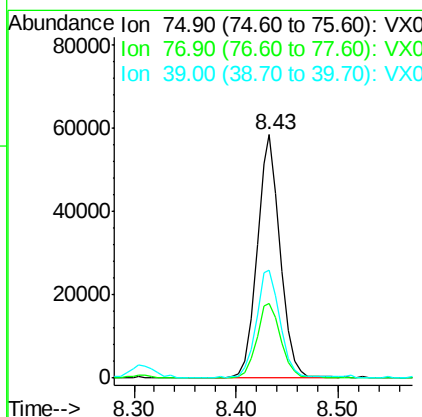
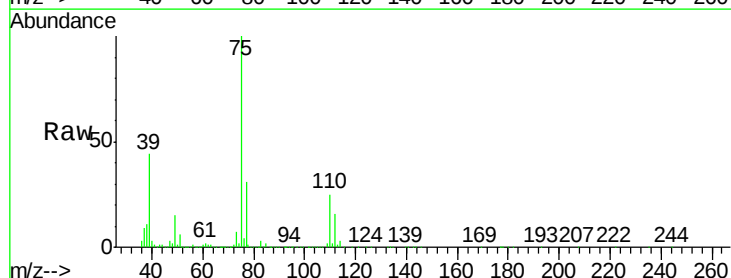
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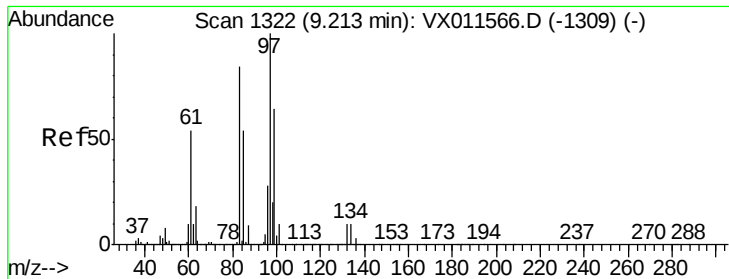
MMDadoda
8/20/2019 3:40:32 PM



#54
cis-1,3-Dichloropropene
Concen: 20.169 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.5	38.3
39	43.9	33.6	50.4





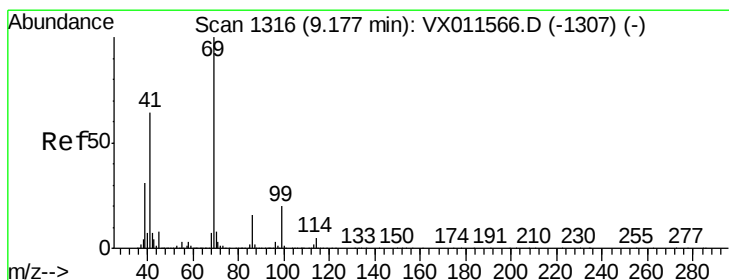
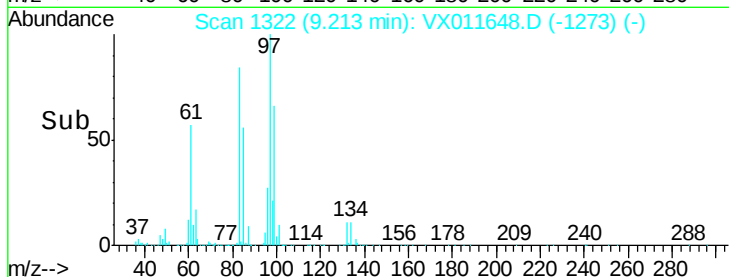
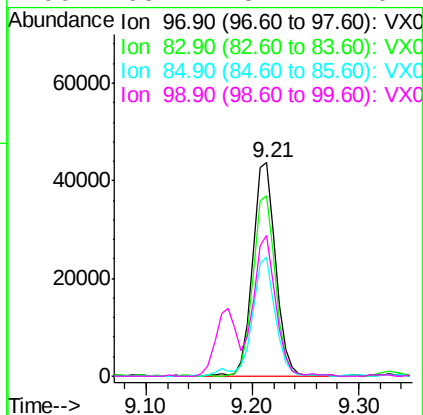
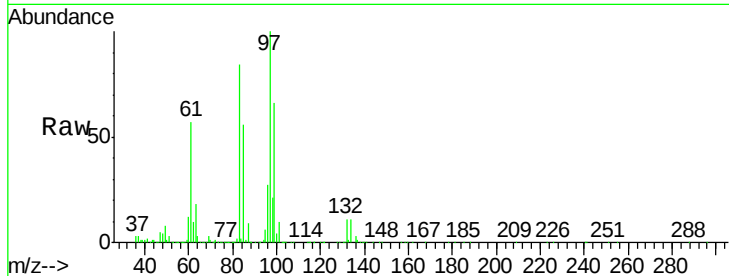
#55
 1,1,2-Trichloroethane
 Concen: 20.297 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011648.D
 Acq: 19 Aug 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		66304		
83	84.4	67.4	101.0		
85	55.7	43.4	65.2		
99	65.7	51.1	76.7		

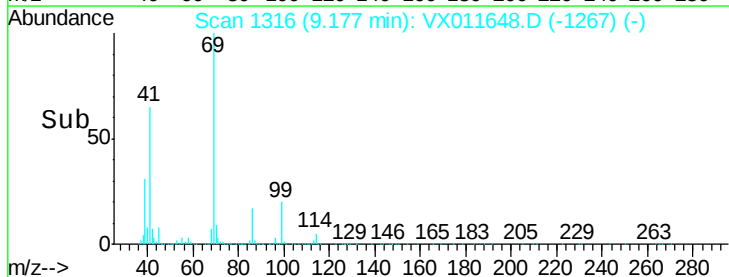
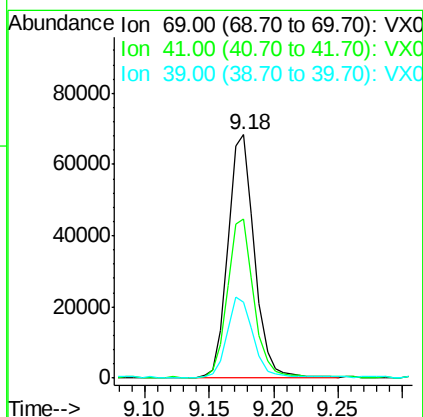
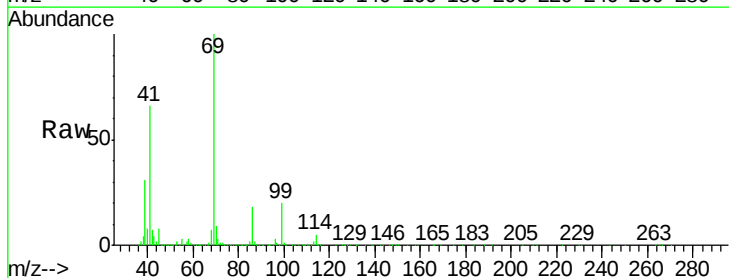
Manual Integrations
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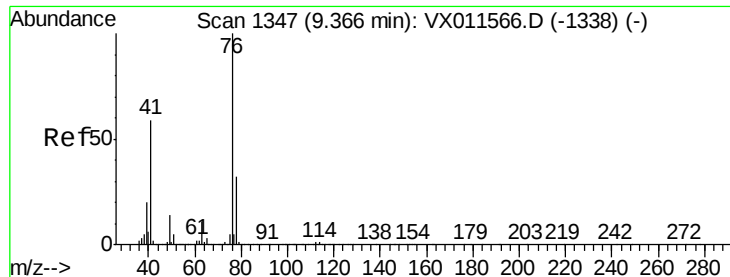
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#56
 Ethyl methacrylate
 Concen: 20.917 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011648.D
 Acq: 19 Aug 2019 22:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		99312		
41	64.4	52.1	78.1		
39	33.9	25.4	38.0		





#57

1,3-Dichloropropane

Concen: 20.670 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD02

Tot Ion: 76 Resp: 107331

Ion Ratio Lower Upper

76 100

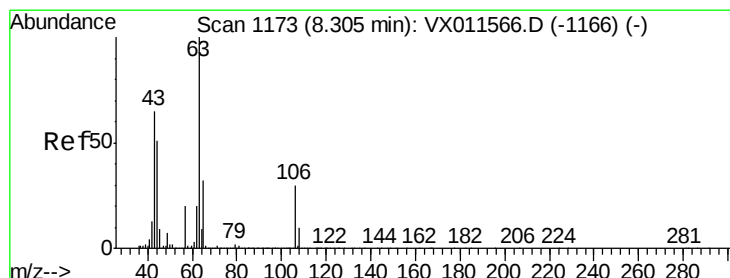
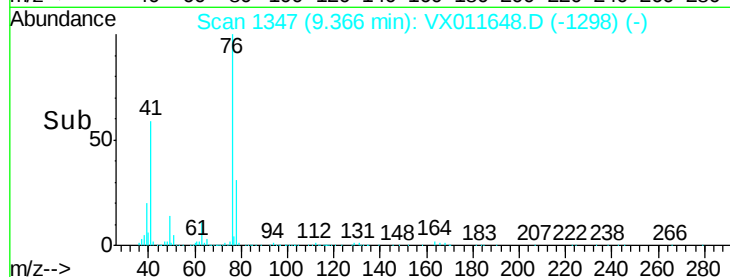
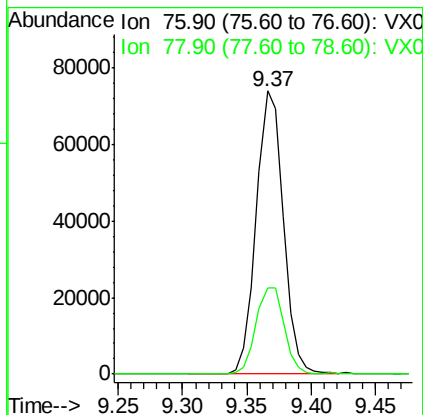
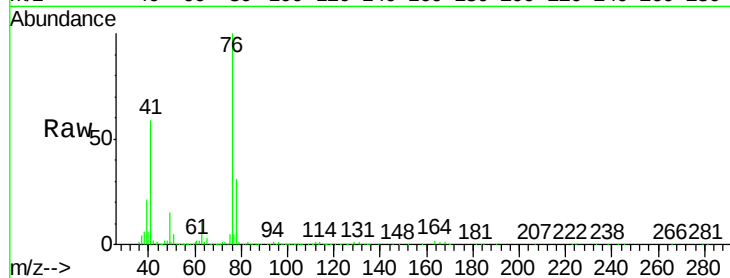
78 32.4 26.2 39.4

Manual Integrations

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8/20/2019 3:40:32 PM



#58

2-Chloroethyl Vinyl ether

Concen: 109.607 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011648.D

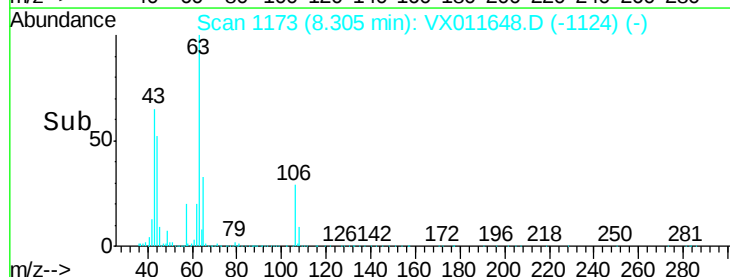
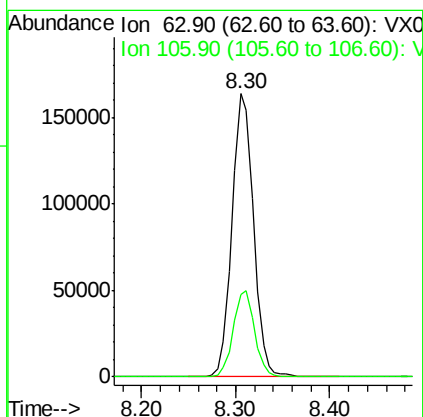
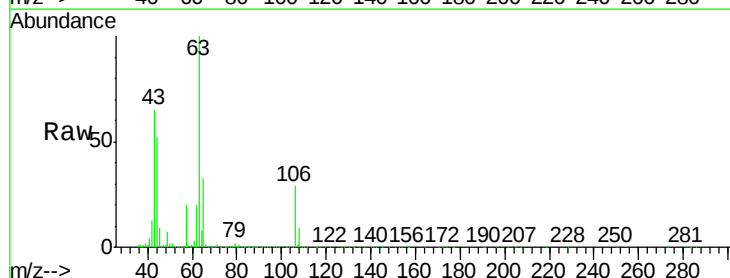
Acq: 19 Aug 2019 22:21

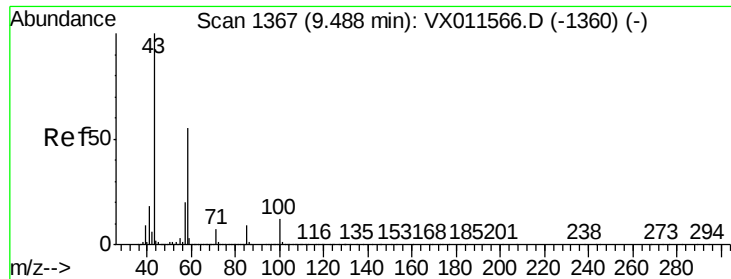
Tgt Ion: 63 Resp: 259298

Ion Ratio Lower Upper

63 100

106 30.4 24.7 37.1





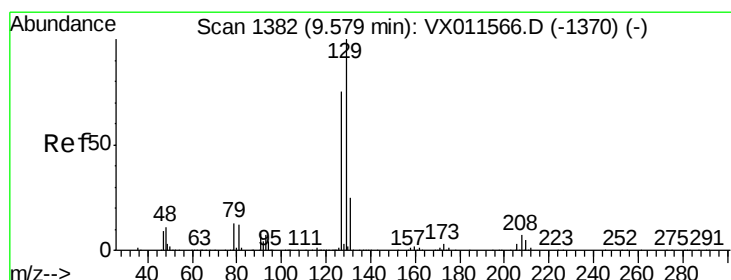
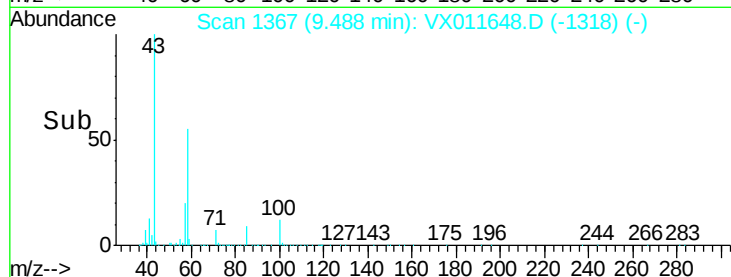
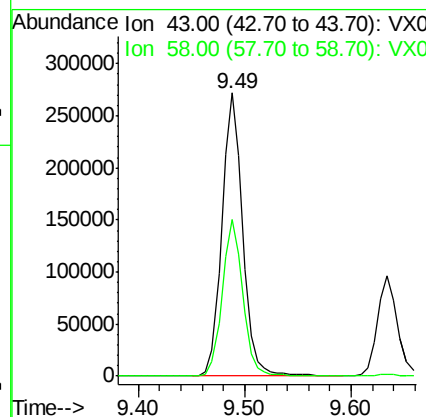
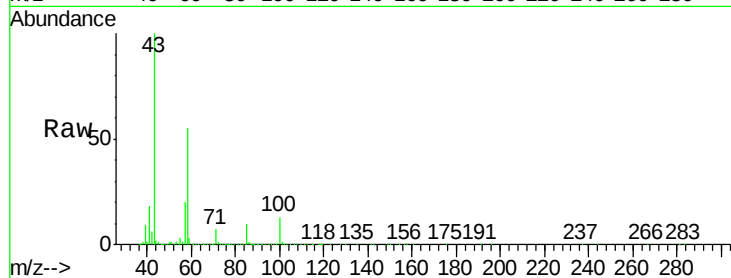
#59
2-Hexanone
Concen: 104.536 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD02

Tot Ion: 43 Resp: 367493
Ion Ratio Lower Upper
43 100
58 55.1 27.5 82.4

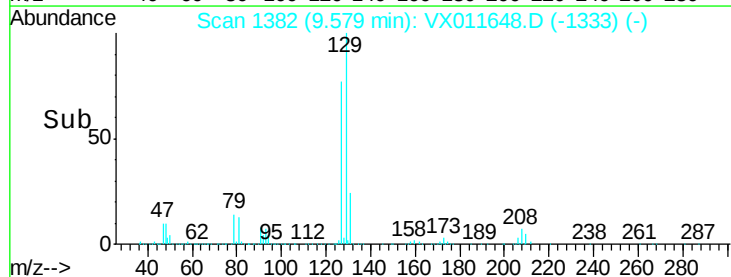
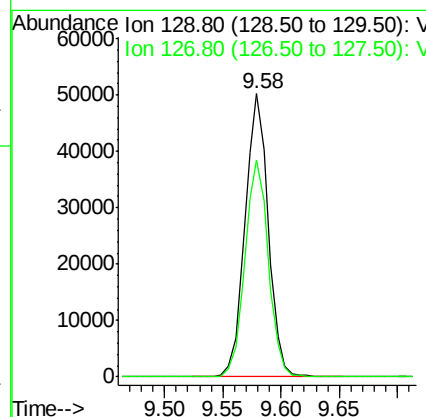
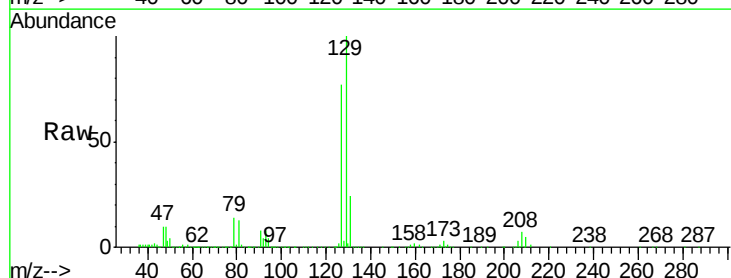
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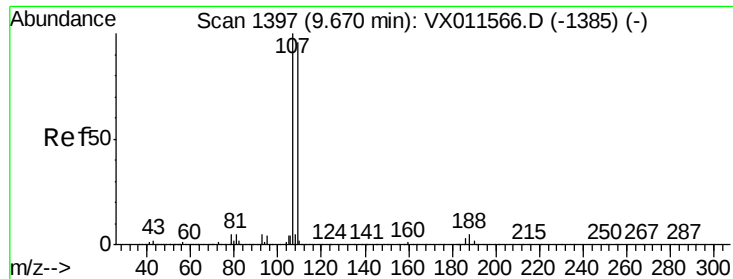
MMDadoda
8/20/2019 3:40:32 PM



#60
Dibromochloromethane
Concen: 20.570 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Tgt Ion: 129 Resp: 70010
Ion Ratio Lower Upper
129 100
127 77.3 38.0 114.1





#61

1,2-Dibromoethane

Concen: 20.430 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD02

Tot Ion: 107 Resp: 71225

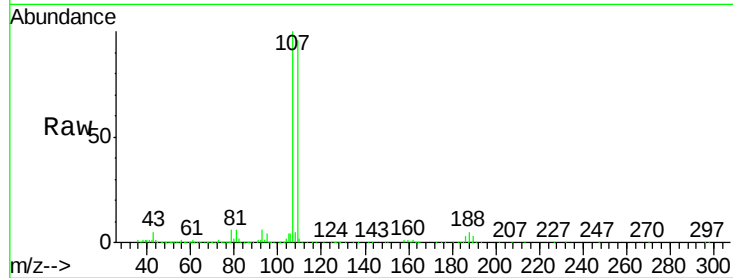
Ion Ratio Lower Upper

107 100

109 96.5 76.2 114.2

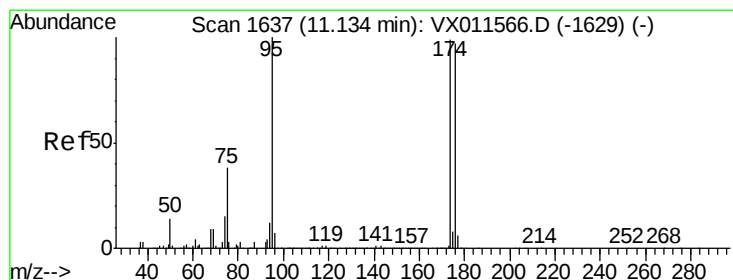
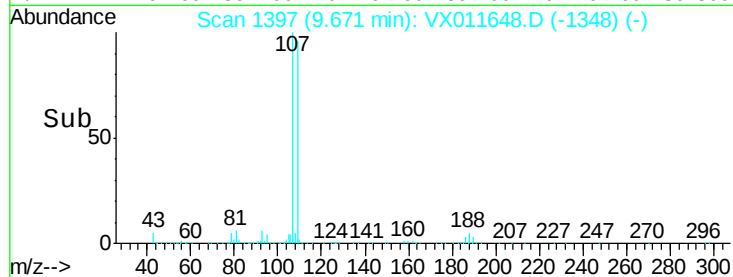
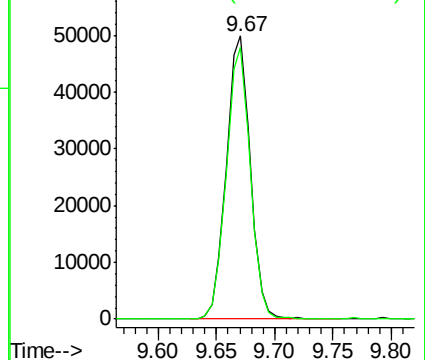
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8/20/2019 3:40:32 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.382 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

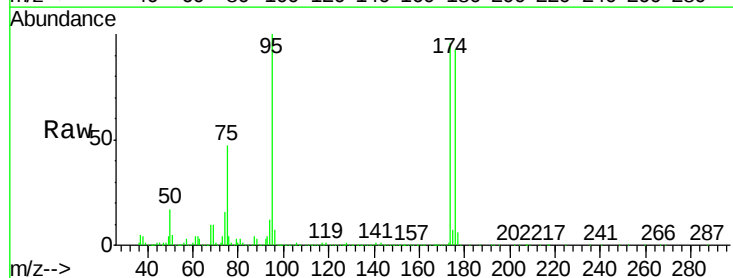
Tgt Ion: 95 Resp: 177159

Ion Ratio Lower Upper

95 100

174 98.2 0.0 200.6

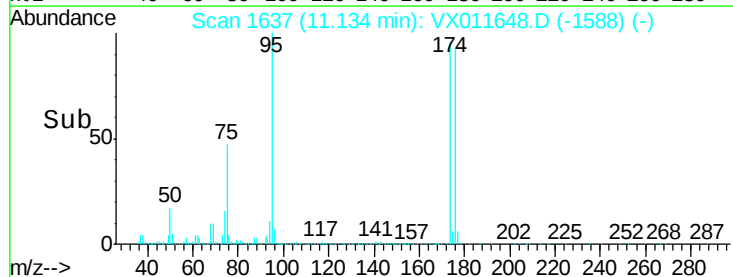
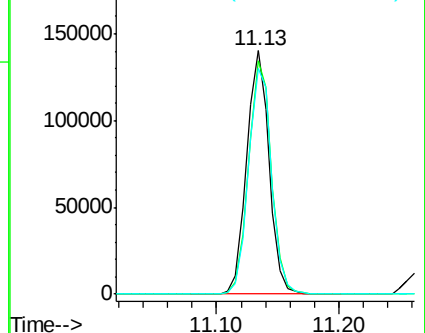
176 96.2 0.0 196.6

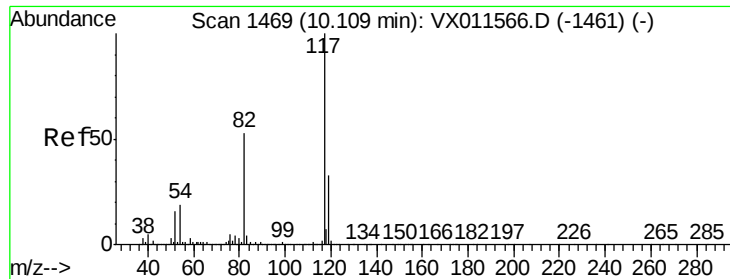


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





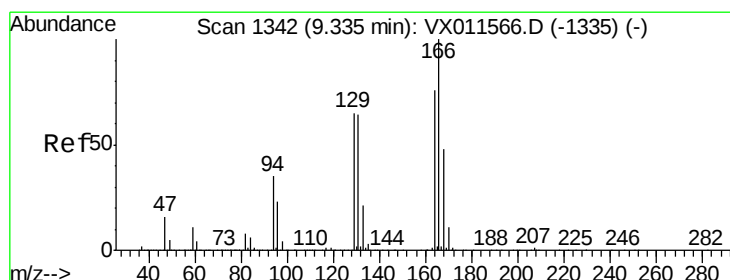
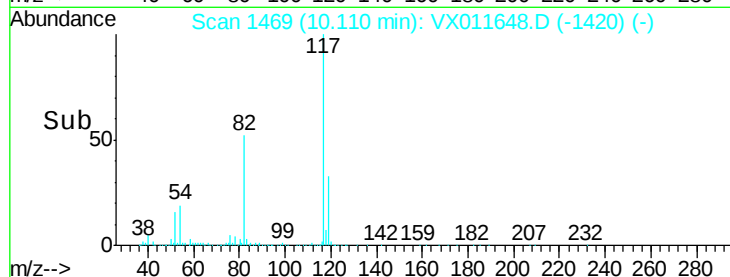
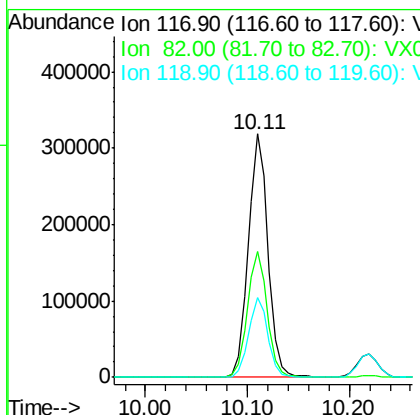
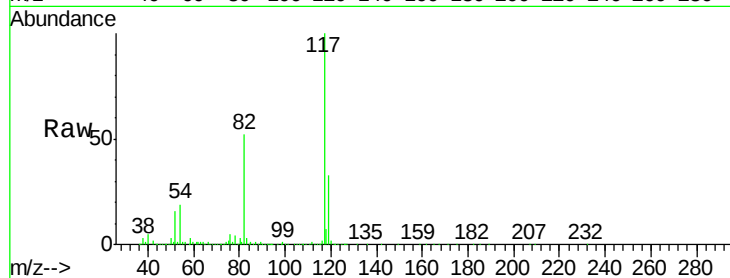
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	426843		
82	51.6	42.0	63.0	
119	32.9	26.5	39.7	

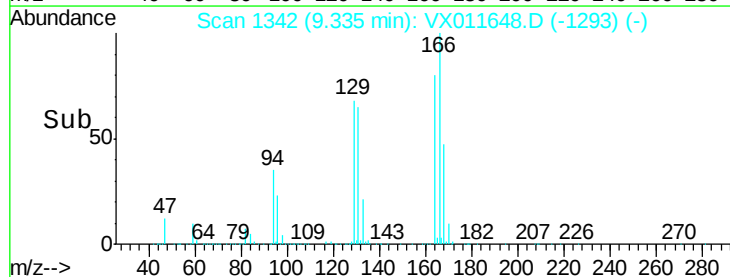
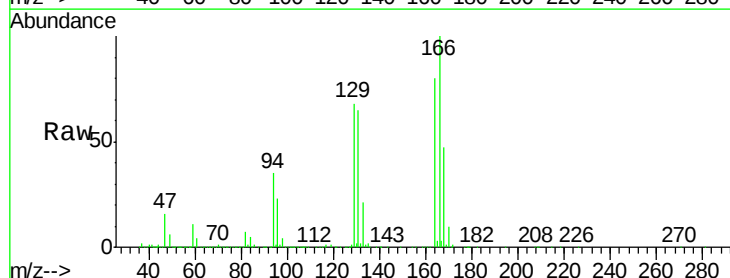
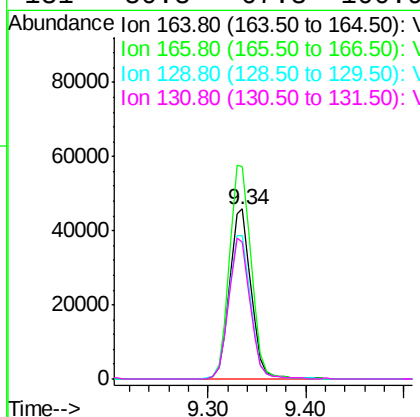
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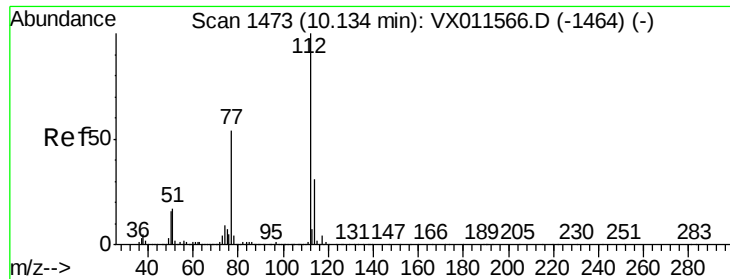
MMDadoda
8/20/2019 3:40:32 PM



#64
Tetrachloroethene
Concen: 19.938 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	69825		
166	124.4	104.7	157.1	
129	84.4	68.2	102.4	
131	80.8	67.3	100.9	





#65

Chlorobenzene

Concen: 19.611 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD02

Tot Ion:112 Resp: 178537

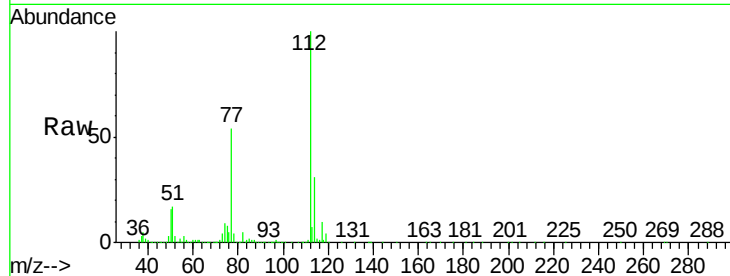
Ion Ratio Lower Upper

112 100

114 30.6 25.0 37.6

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

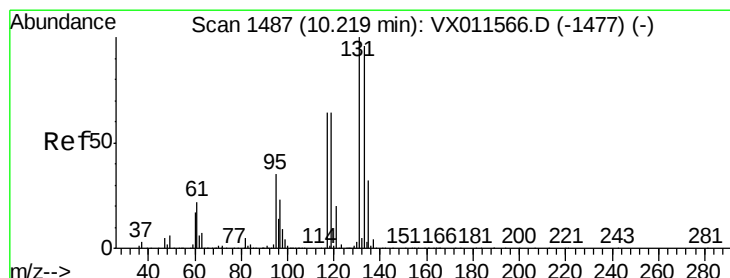
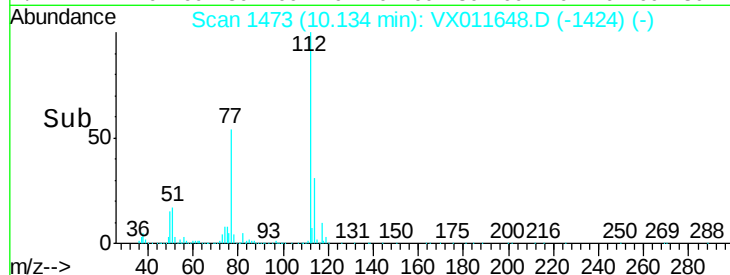
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.717 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

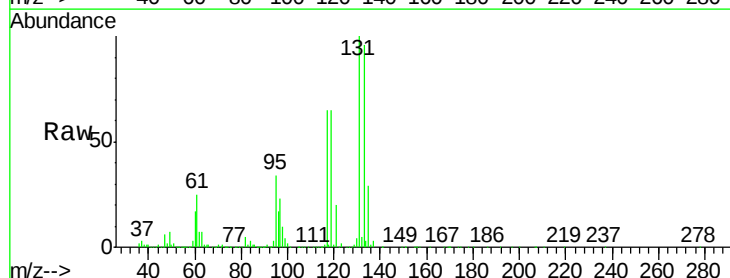
Tgt Ion:131 Resp: 67094

Ion Ratio Lower Upper

131 100

133 96.9 48.1 144.4

119 64.5 31.3 93.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

60000

50000

40000

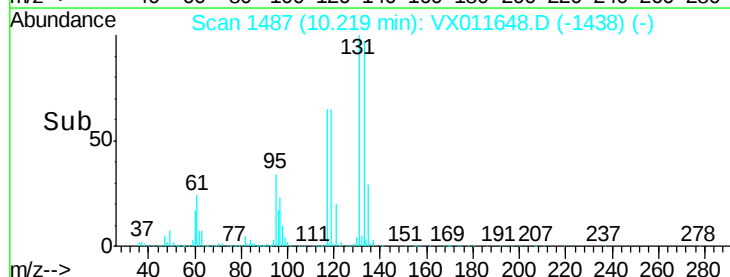
30000

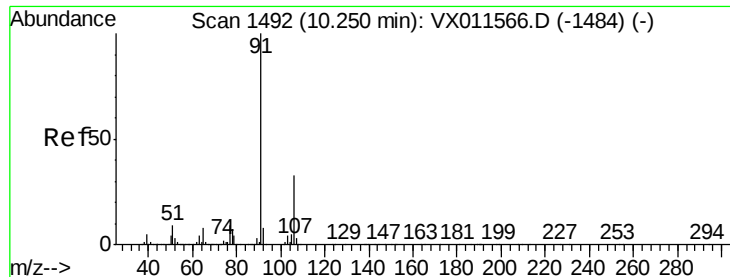
20000

10000

0

Time-->





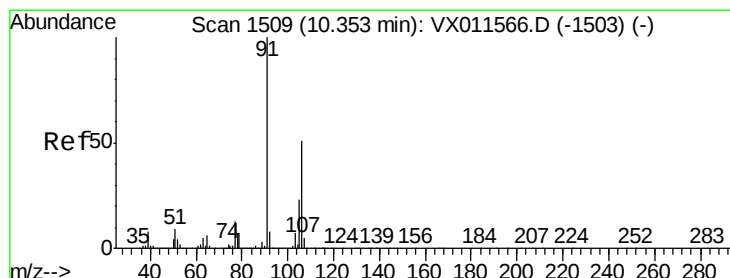
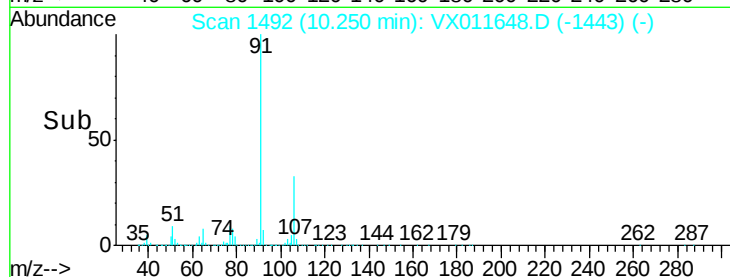
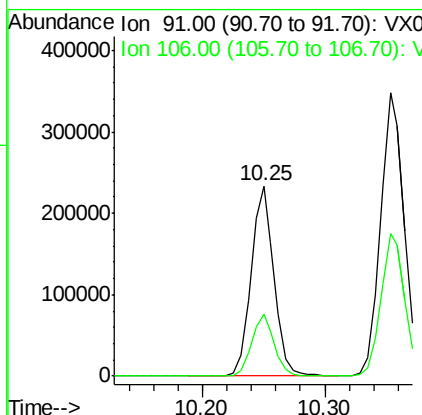
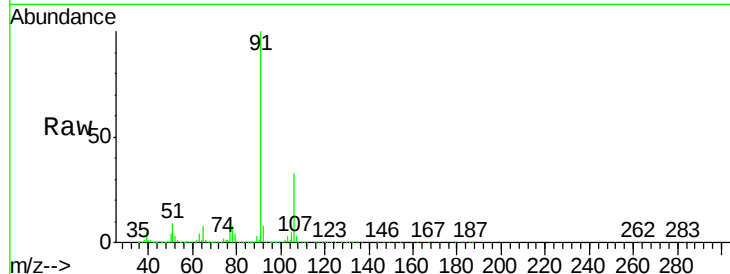
#67
Ethyl Benzene
Concen: 19.927 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD02

Tot Ion: 91 Resp: 302778
Ion Ratio Lower Upper
91 100
106 32.7 26.0 39.0

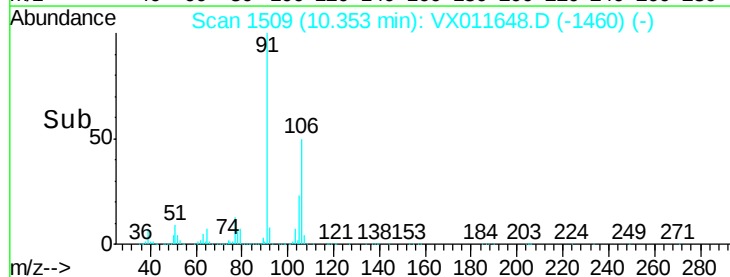
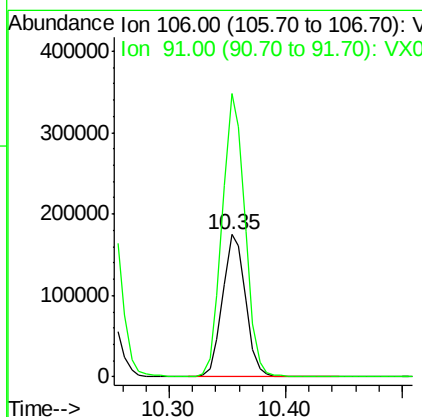
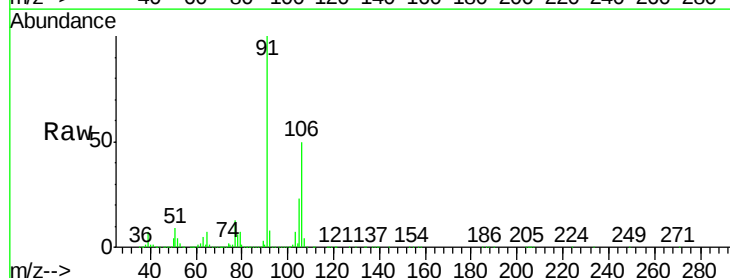
Manual Integrations
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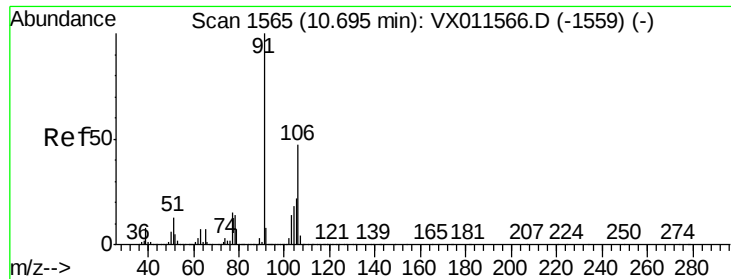
MMDadoda
8/20/2019 3:40:32 PM



#68
m/p-Xylenes
Concen: 40.789 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Tgt Ion: 106 Resp: 237890
Ion Ratio Lower Upper
106 100
91 198.2 156.0 234.0





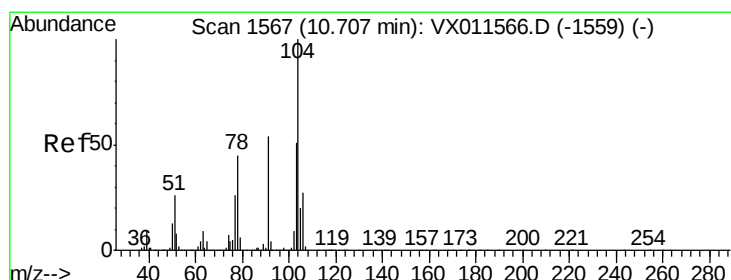
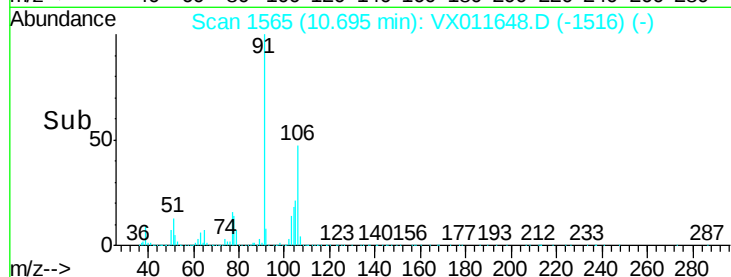
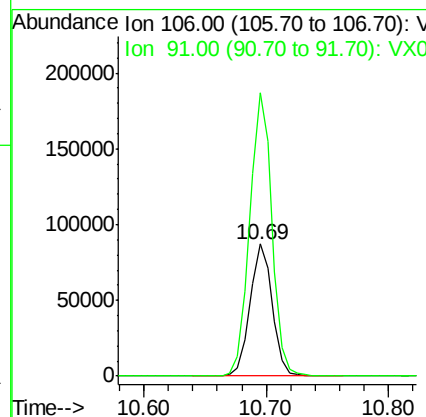
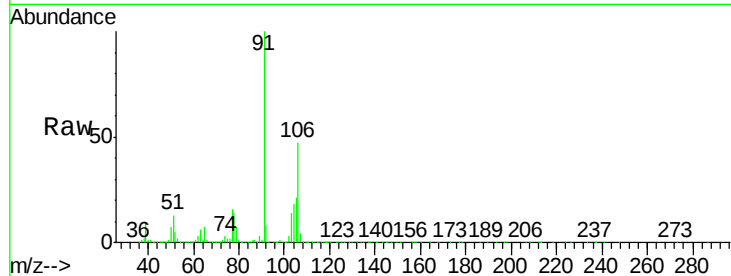
#69
o-Xylene
Concen: 19.395 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	110801		
91	91	212.0	105.5	316.4	

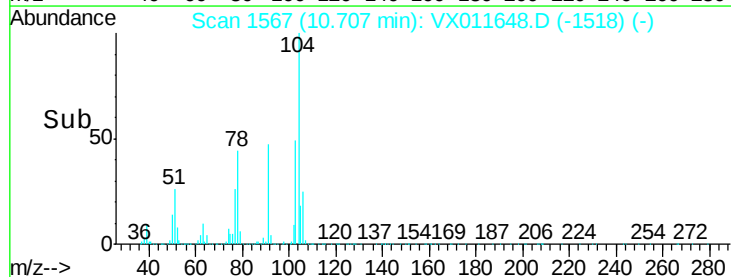
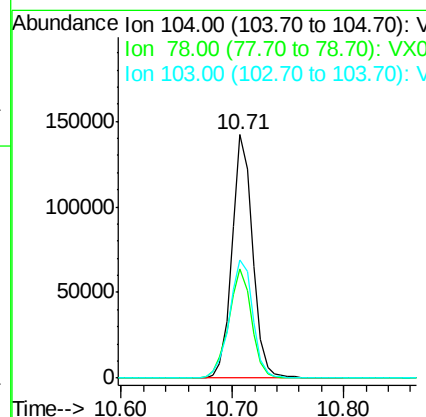
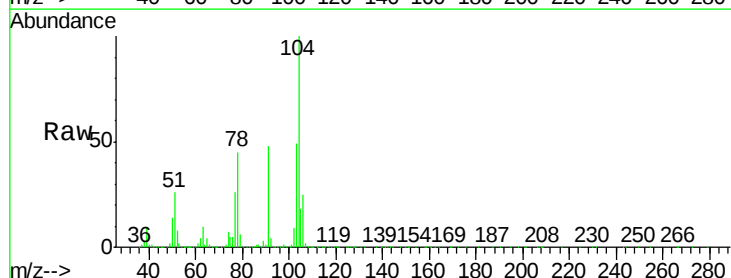
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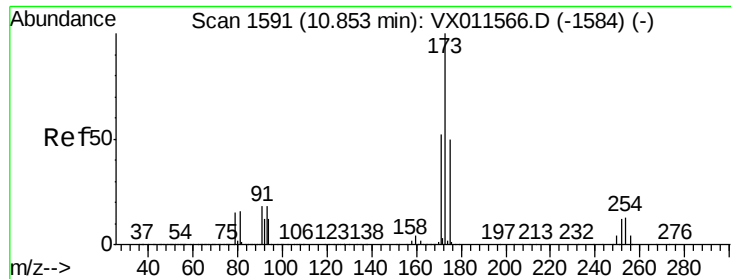
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#70
Styrene
Concen: 18.953 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	182276		
78	78	49.6	38.2	57.4	
103	103	55.2	43.6	65.4	





#71

Bromoform

Concen: 17.656 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Instrument :

MSVOA_X

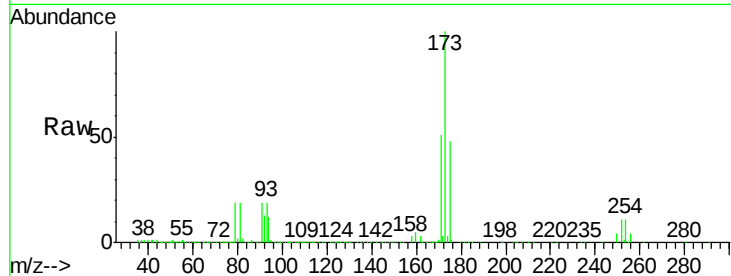
ClientSampleId :

VX0819WBSD02

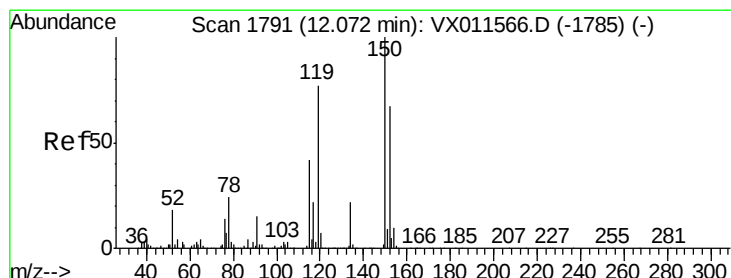
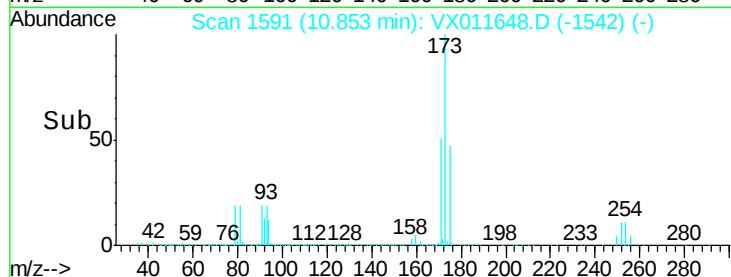
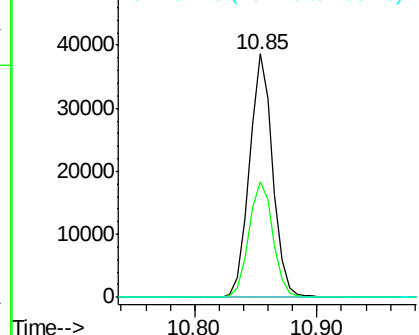
Tot Ion:	173	Resp:	50848
Ion Ratio	Lower	Upper	
173	100		
175	49.5	24.9	74.7
254	0.2	0.1	0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

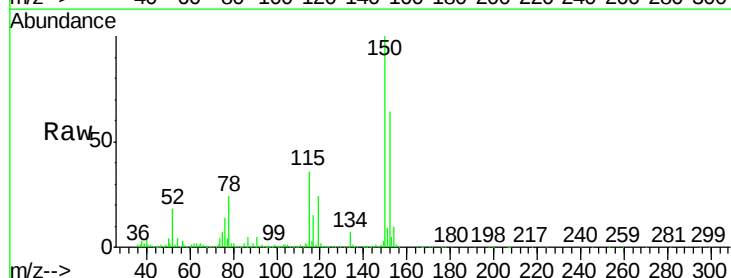
RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

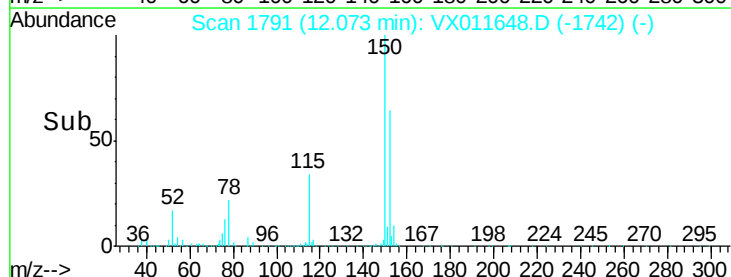
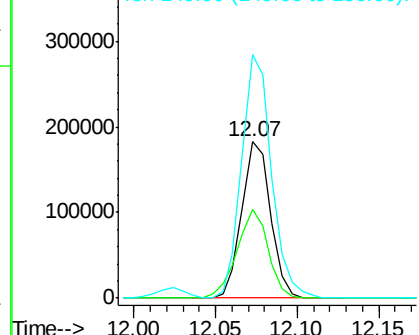
Lab File: VX011648.D

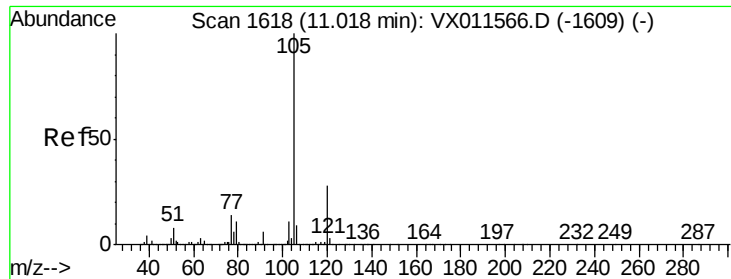
Acq: 19 Aug 2019 22:21

Tgt Ion:	152	Resp:	225645
Ion Ratio	Lower	Upper	
152	100		
115	61.4	37.3	111.9
150	161.2	0.0	346.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.386 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD02

Tot Ion: 105 Resp: 298486

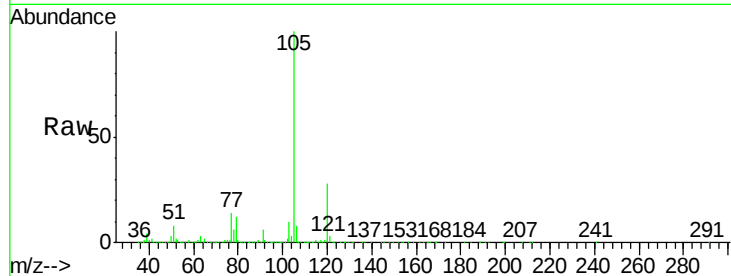
Ion Ratio Lower Upper

105 100

120 27.8 14.0 41.9

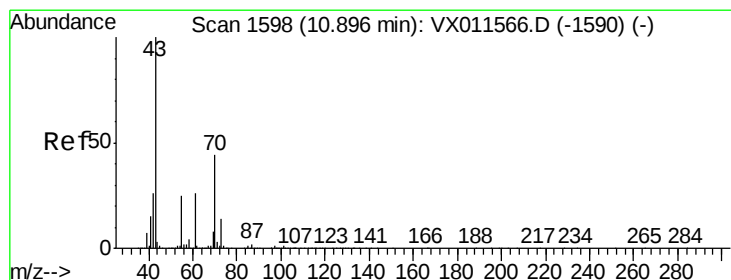
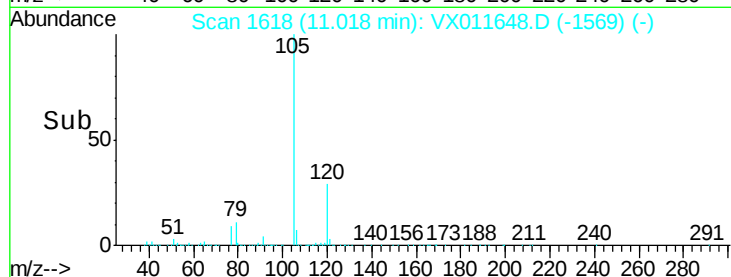
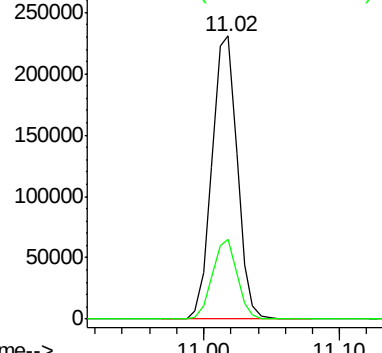
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.264 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Tgt Ion: 43 Resp: 119868

Ion Ratio Lower Upper

43 100

70 42.4 34.7 52.1

55 24.0 19.6 29.4

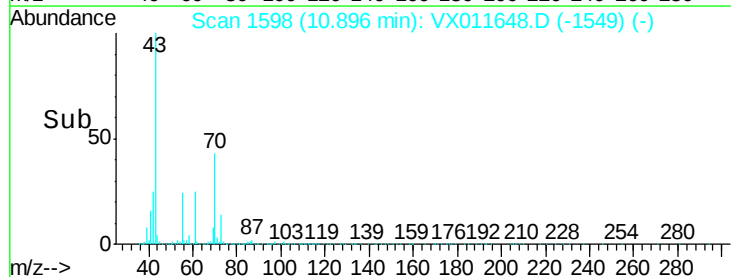
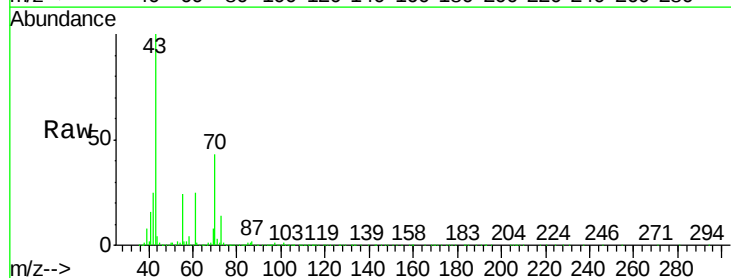
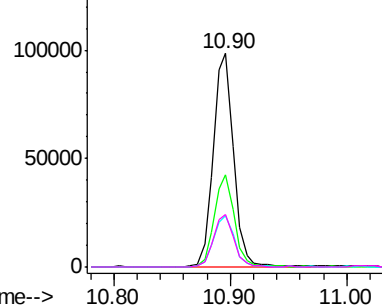
61 24.6 19.9 29.9

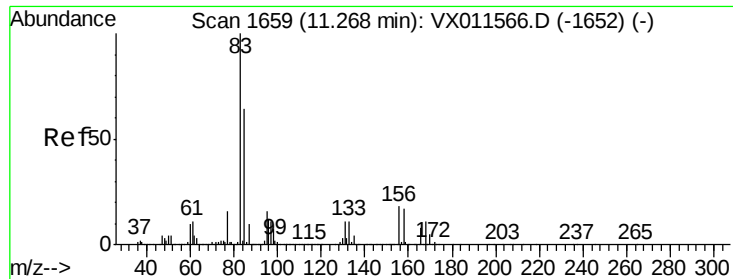
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.282 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Instrument :

MSVOA_X

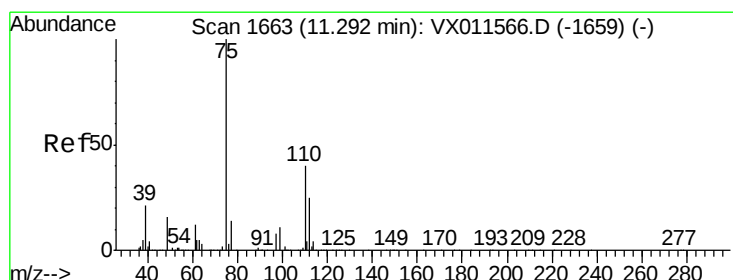
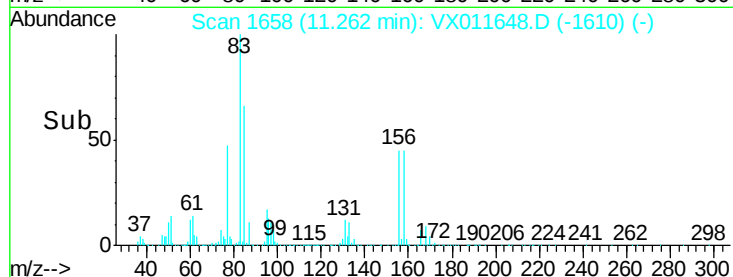
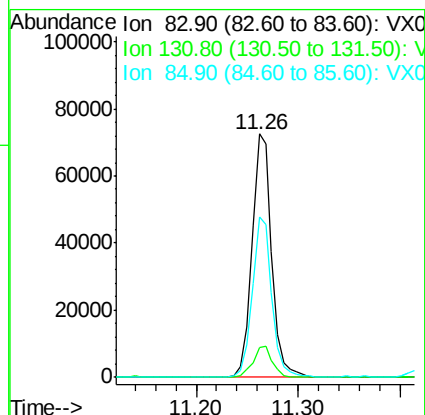
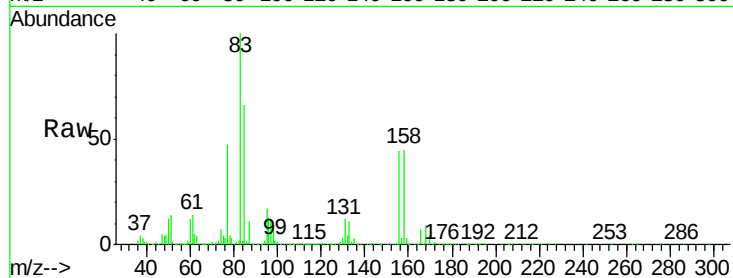
ClientSampleId :

VX0819WBSD02

Tot Ion:	83	Resp:	97121
Ion Ratio	Lower	Upper	
83	100		
131	12.9	5.8	17.3
85	65.6	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.068 ug/l m

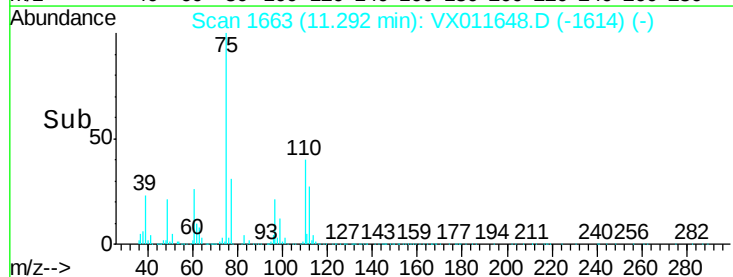
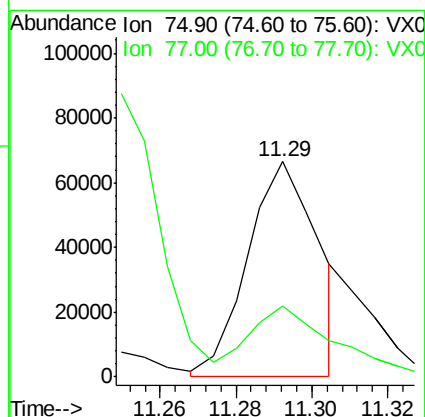
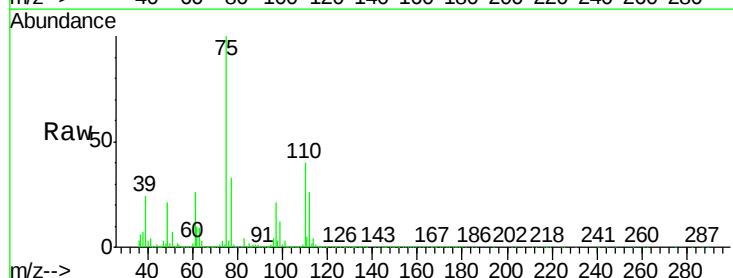
RT: 11.29 min Scan# 1663

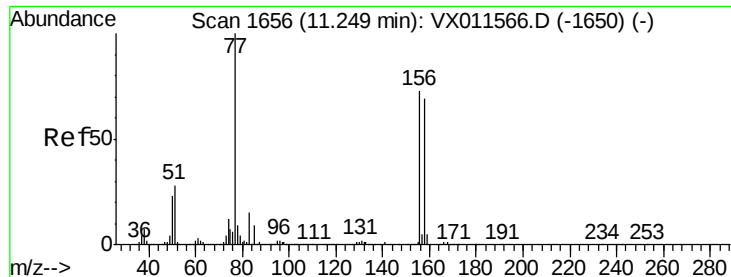
Delta R.T. 0.00 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Tgt Ion:	75	Resp:	85865
Ion Ratio	Lower	Upper	
75	100		
77	40.0	20.9	62.8





#77

Bromobenzene

Concen: 18.867 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD02

Tot Ion:156 Resp: 82189

Ion Ratio Lower Upper

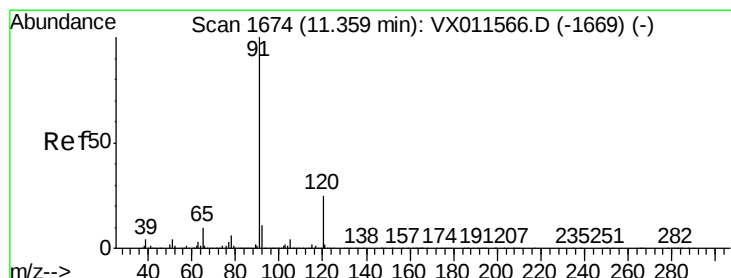
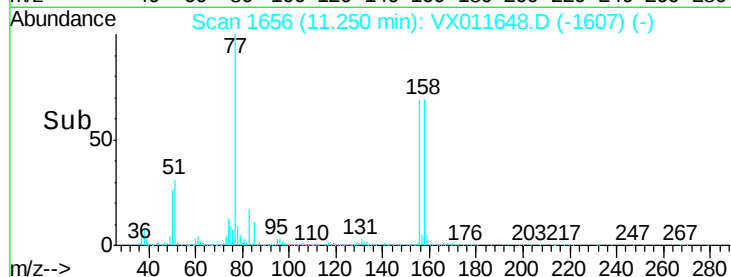
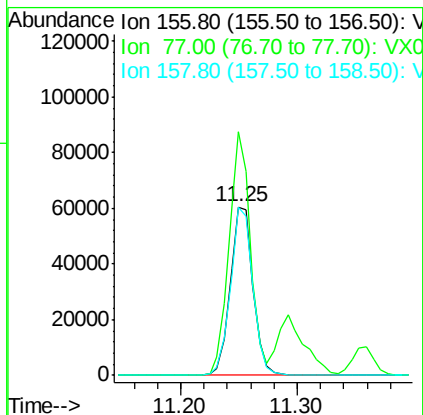
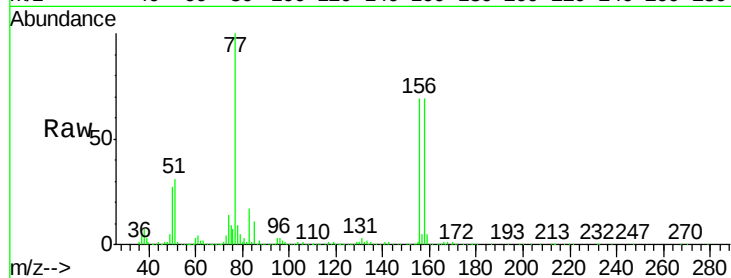
156 100

77 135.3 64.6 193.9

158 97.8 48.4 145.3

Manual Integrations
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#78

n-propylbenzene

Concen: 20.092 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011648.D

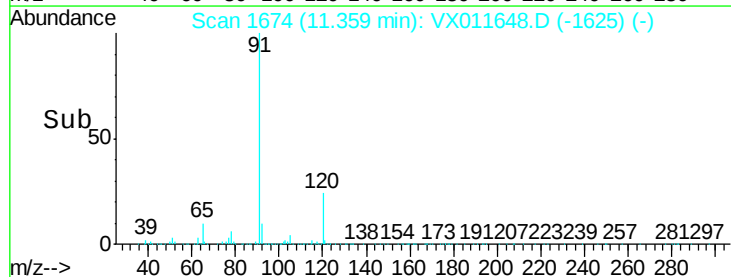
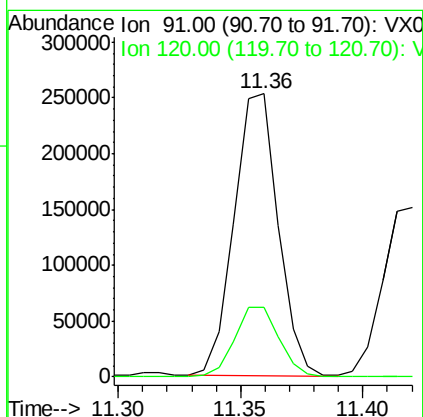
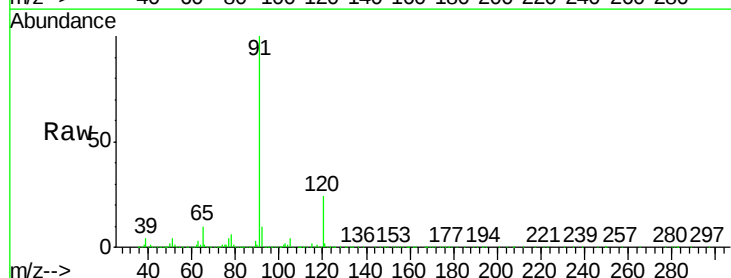
Acq: 19 Aug 2019 22:21

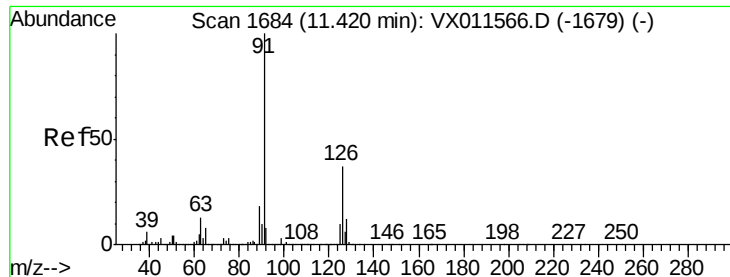
Tgt Ion: 91 Resp: 317214

Ion Ratio Lower Upper

91 100

120 25.1 12.6 37.6





#79

2-Chlorotoluene

Concen: 20.207 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD02

Tot Ion: 91 Resp: 195900

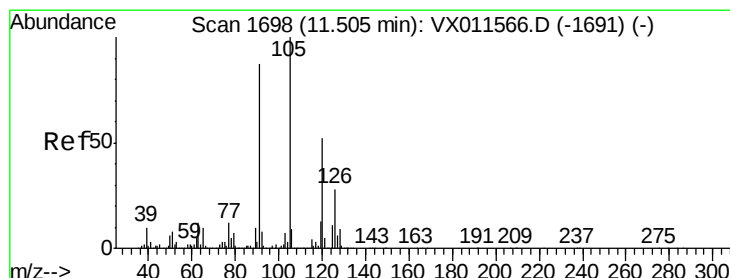
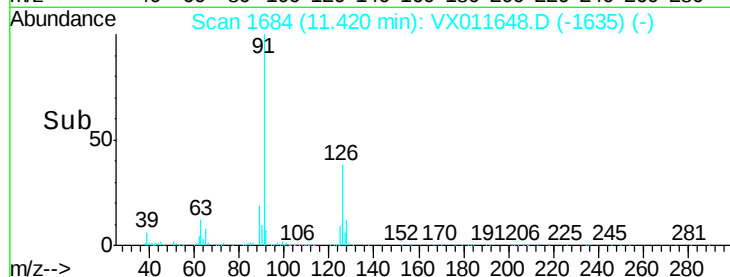
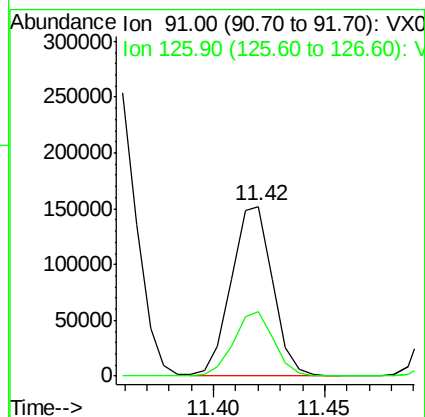
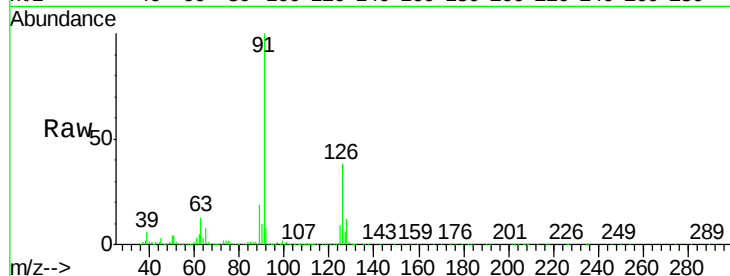
Ion Ratio Lower Upper

91 100

126 37.1 18.4 55.0

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 19.956 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011648.D

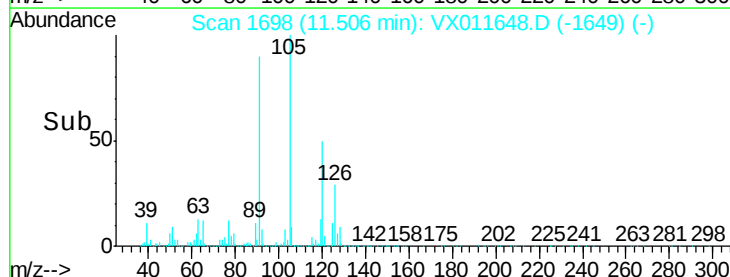
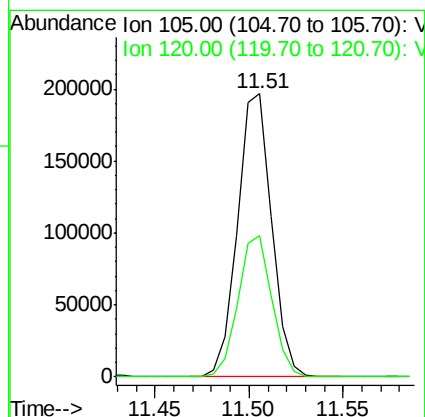
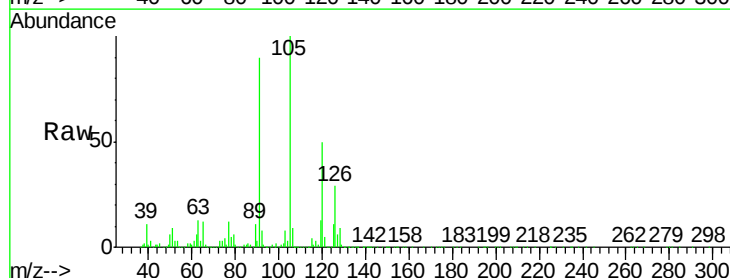
Acq: 19 Aug 2019 22:21

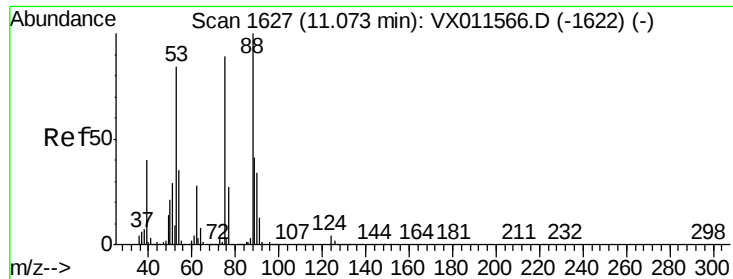
Tgt Ion: 105 Resp: 245452

Ion Ratio Lower Upper

105 100

120 49.6 25.3 75.8





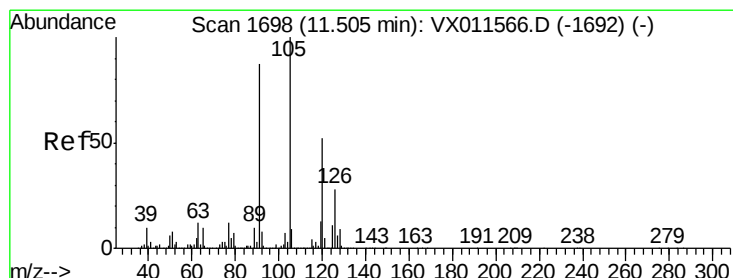
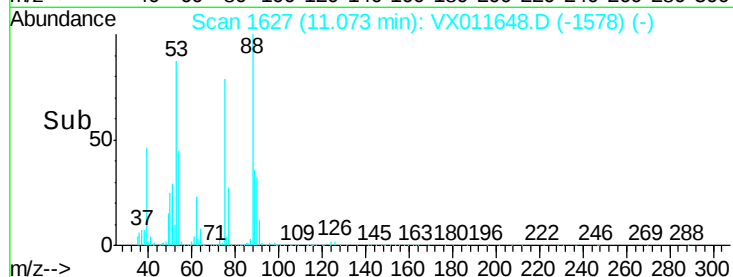
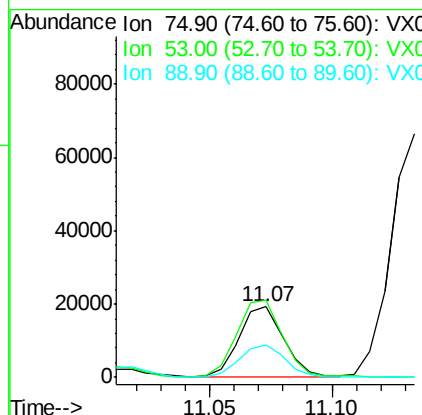
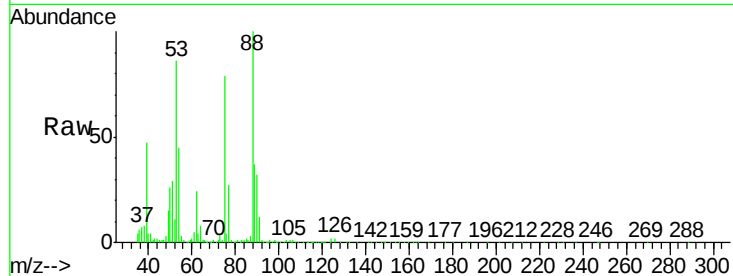
#81
trans-1,4-Dichloro-2-butene
Concen: 18.619 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.0	77.4	116.0
89	46.9	37.3	55.9

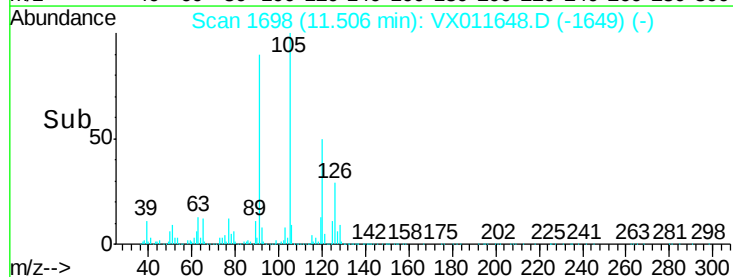
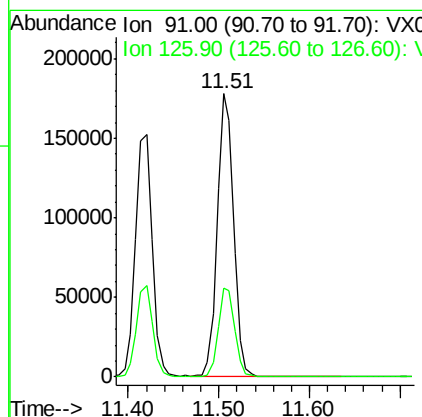
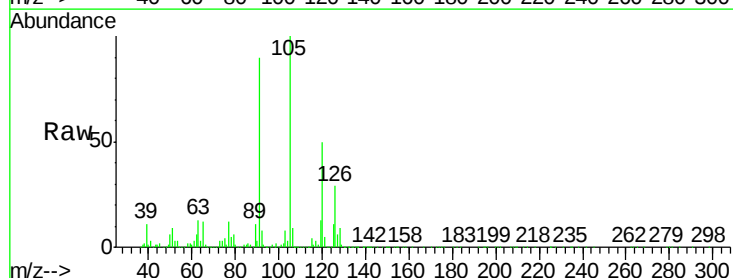
Manual Integrations
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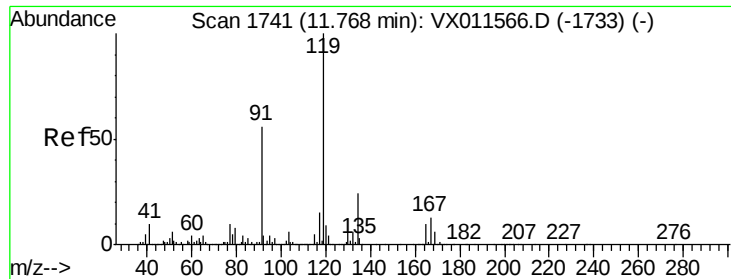
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#82
4-Chlorotoluene
Concen: 20.070 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	16.4	49.1





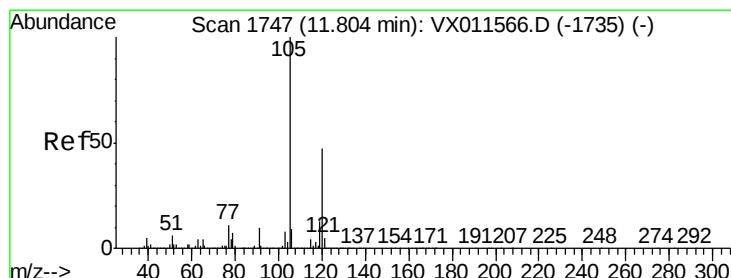
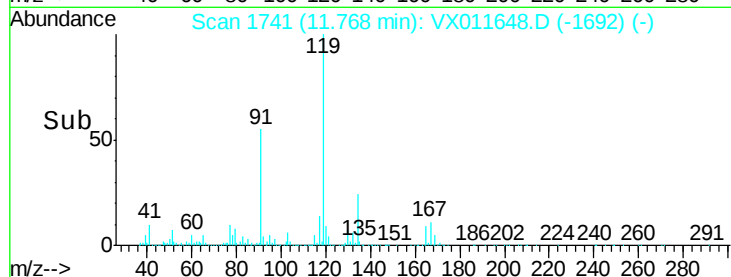
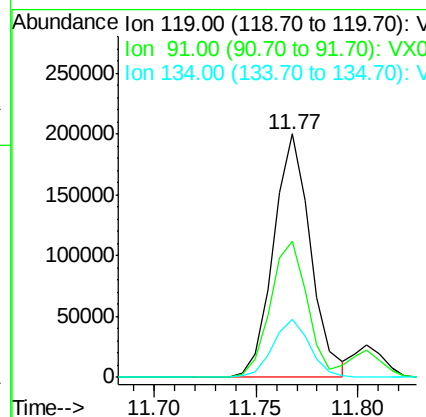
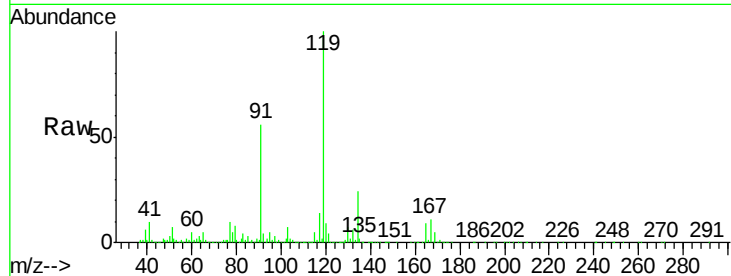
#83
 tert-Butylbenzene
 Concen: 20.222 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011648.D
 Acq: 19 Aug 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	253324		
91	55.1	27.1	81.3	
134	23.9	11.8	35.3	

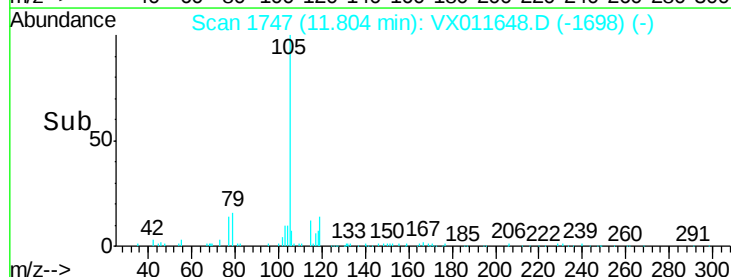
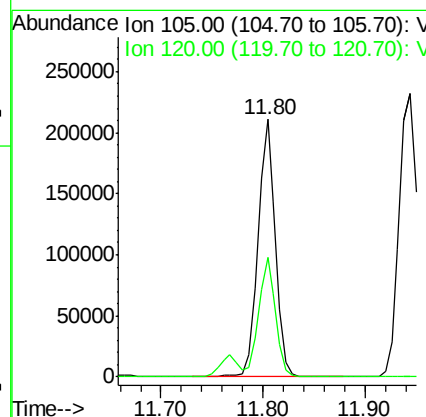
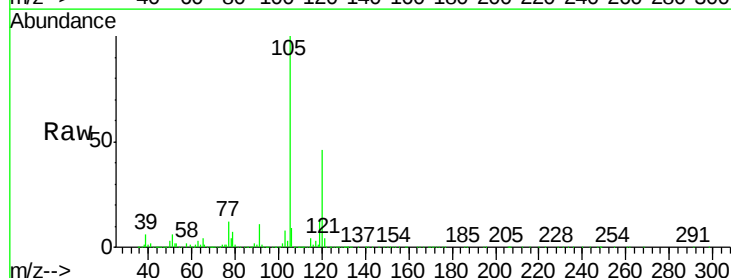
Manual Integrations
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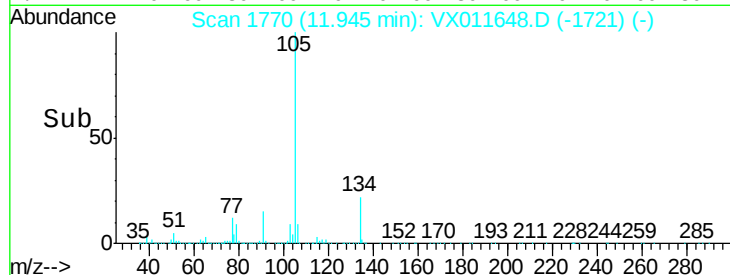
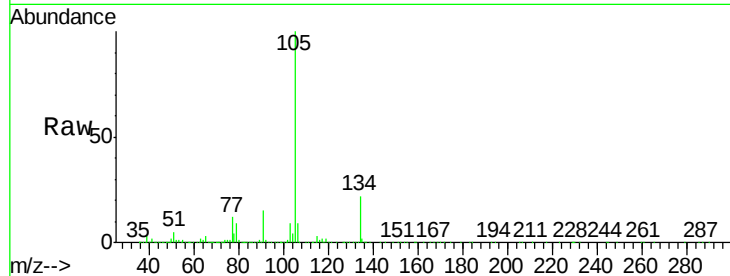
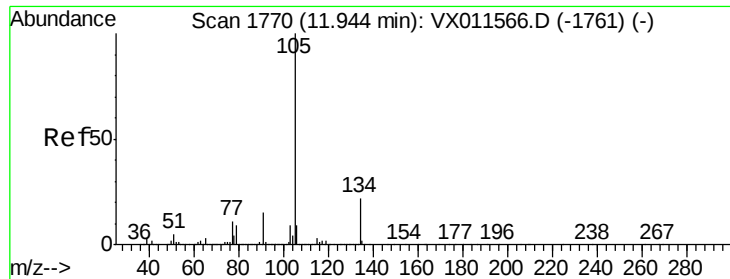
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.350 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011648.D
 Acq: 19 Aug 2019 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	251281		
120	45.6	23.3	69.9	





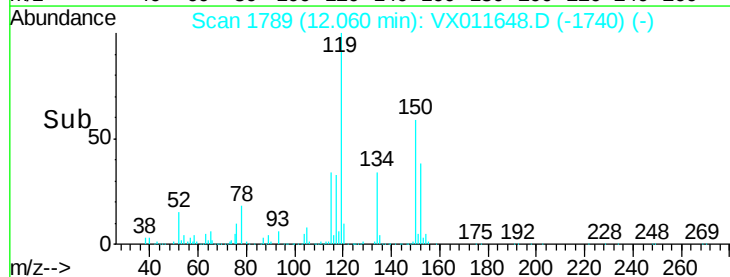
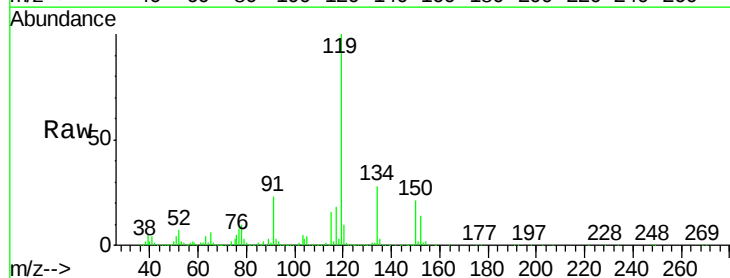
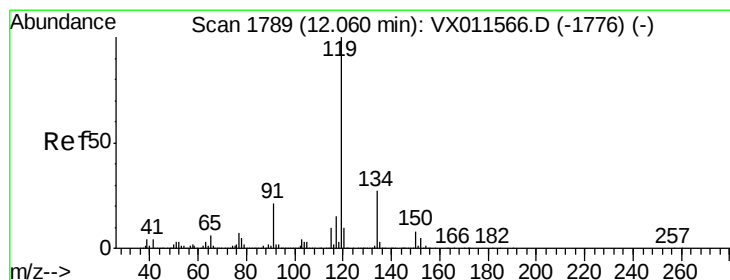
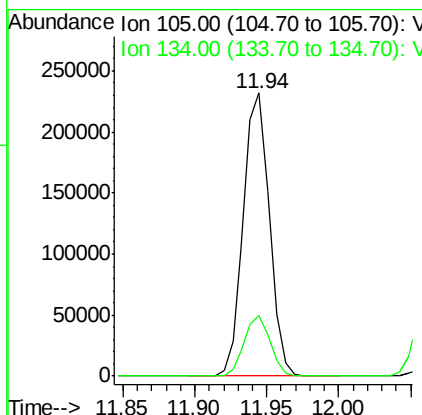
#85
 sec-Butylbenzene
 Concen: 20.556 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011648.D
 Acq: 19 Aug 2019 22:21

Tot Ion	Ratio	Resp	Lower	Upper
105	100	290523		
134	21.1	10.8	32.4	

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBSD02

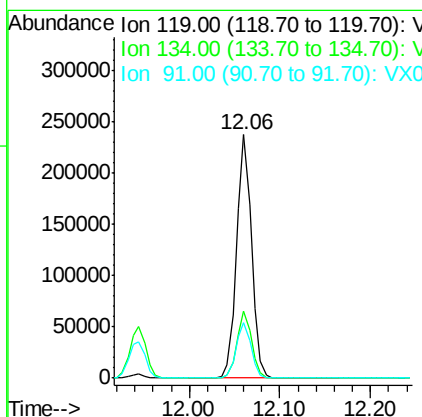
Manual Integrations
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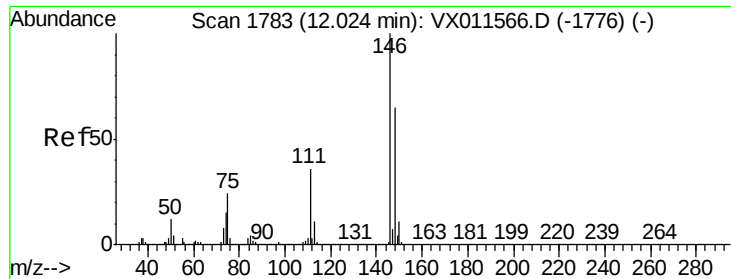
MMDadoda
 8/20/2019 3:40:32 PM



#86
 p-Isopropyltoluene
 Concen: 20.349 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011648.D
 Acq: 19 Aug 2019 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	270559		
134	27.2	13.6	40.8	
91	22.8	10.9	32.9	





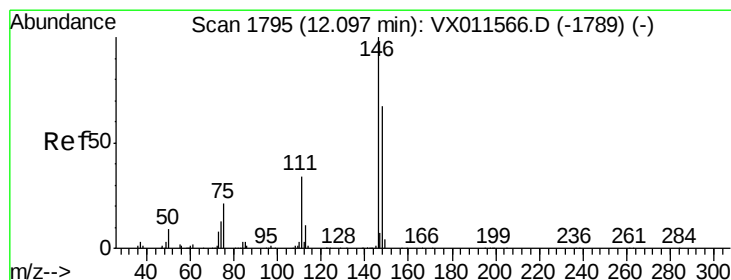
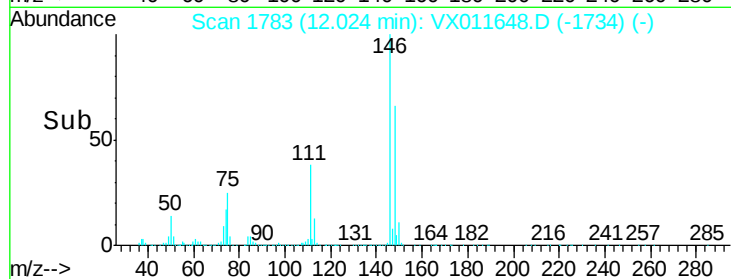
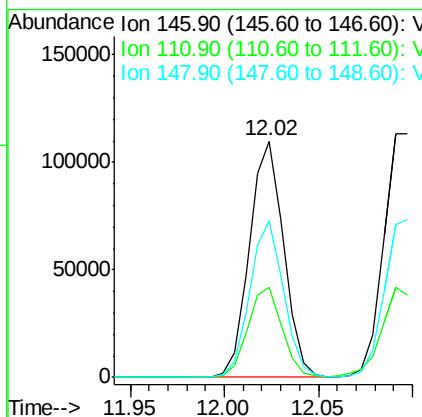
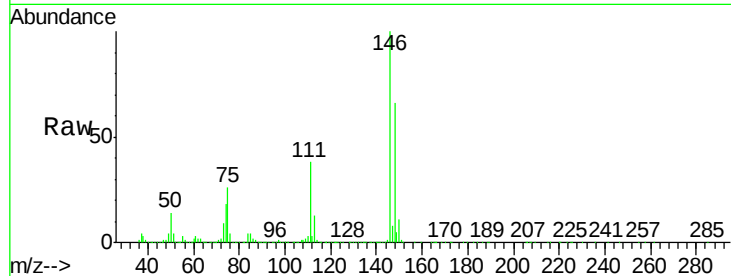
#87
 1,3-Dichlorobenzene
 Concen: 18.470 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011648.D
 Acq: 19 Aug 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.1	54.4
148	65.2	32.0	96.0

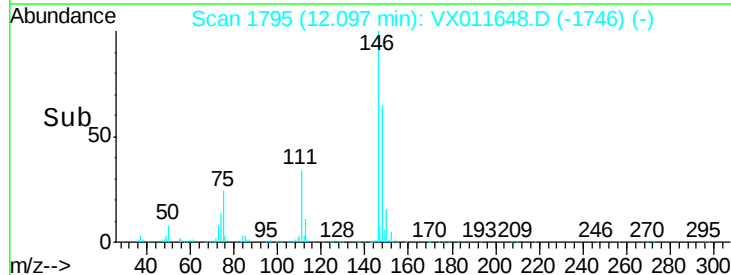
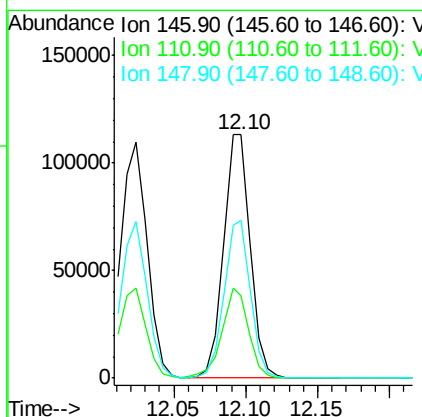
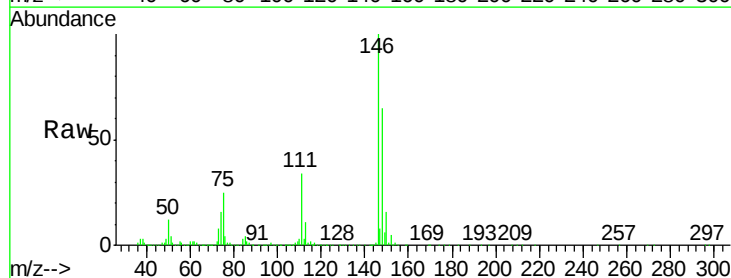
Manual Integrations
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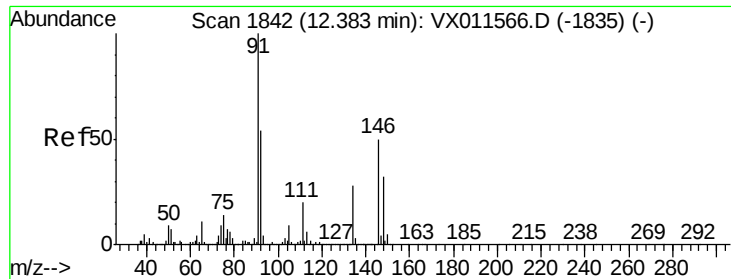
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 8/20/2019 3:40:32 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.422 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011648.D
 Acq: 19 Aug 2019 22:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	17.9	53.7
148	64.4	32.5	97.5





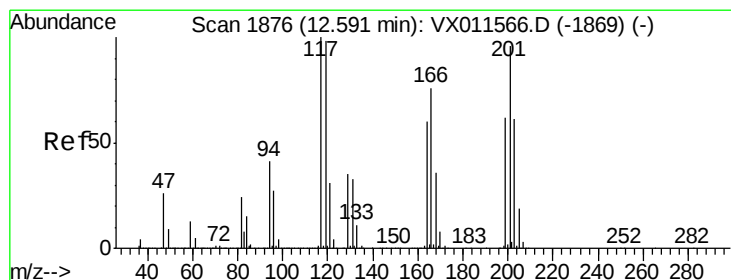
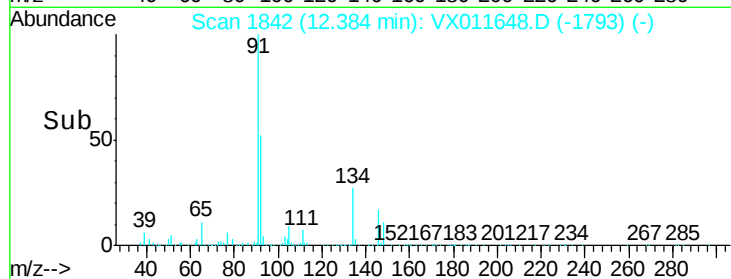
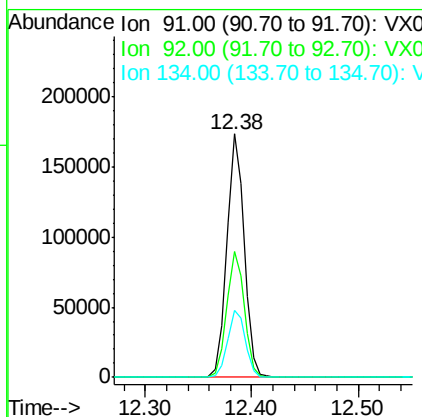
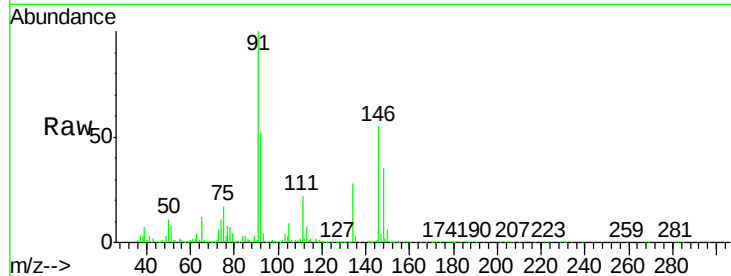
#89
n-Butylbenzene
Concen: 18.125 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	198129		
92	52.8	26.8	80.3	
134	28.5	14.6	44.0	

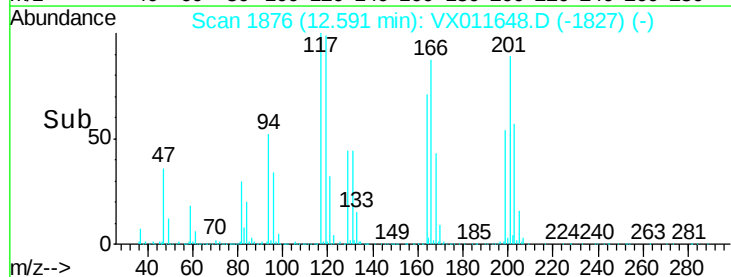
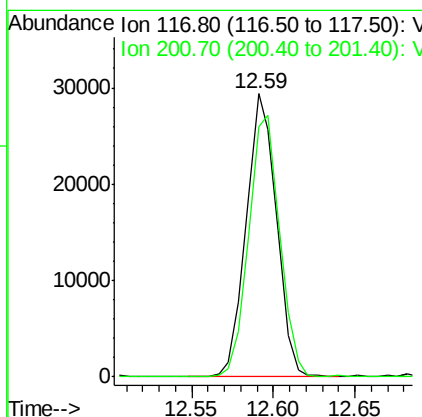
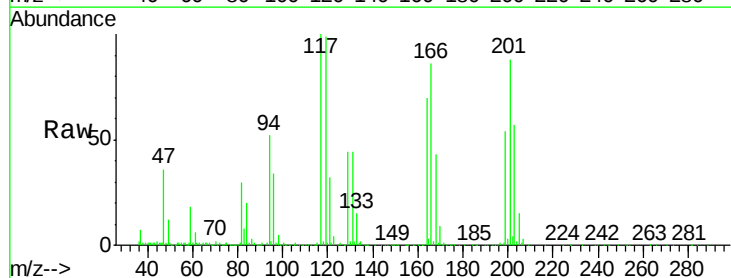
Manual Integrations
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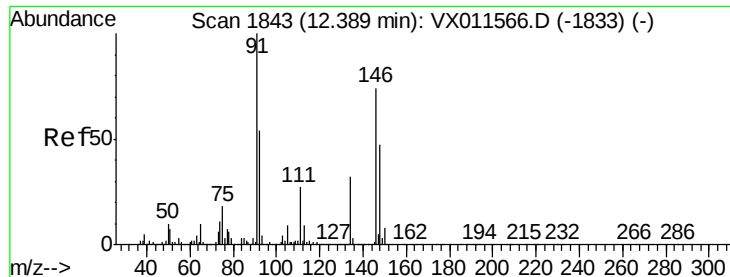
MMDadoda
8/20/2019 3:40:32 PM



#90
Hexachloroethane
Concen: 18.189 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011648.D
Acq: 19 Aug 2019 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	38191		
201	94.5	51.9	155.7	





#91

1,2-Dichlorobenzene

Concen: 17.950 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Instrument :

MSVOA_X

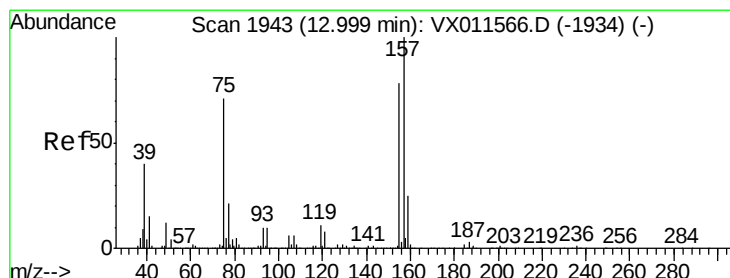
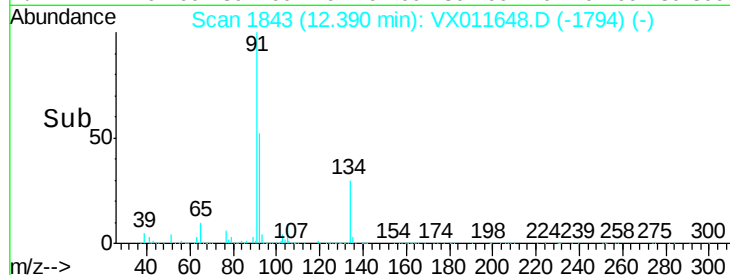
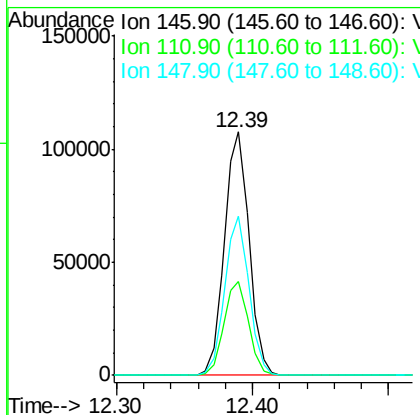
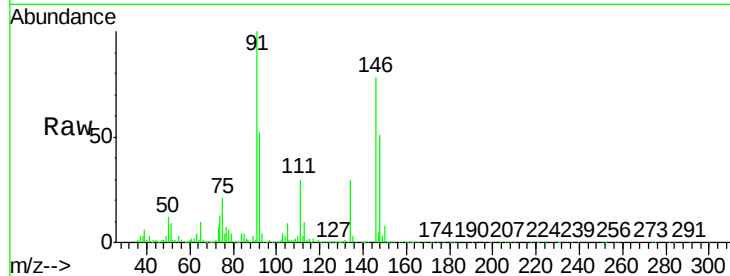
ClientSampleId :

VX0819WBSD02

Tot Ion:	146	Resp:	134921
Ion Ratio	Lower	Upper	
146	100		
111	38.7	18.9	56.7
148	64.3	31.9	95.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.232 ug/l

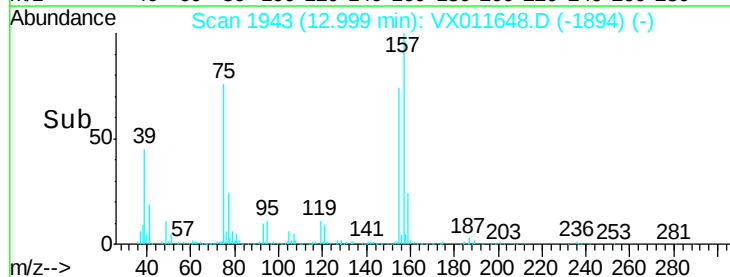
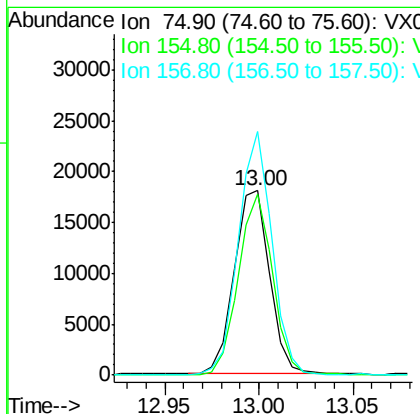
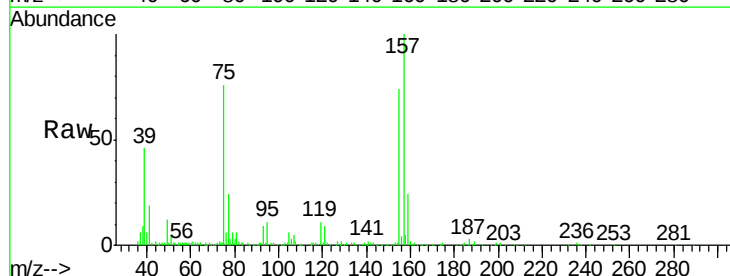
RT: 13.00 min Scan# 1943

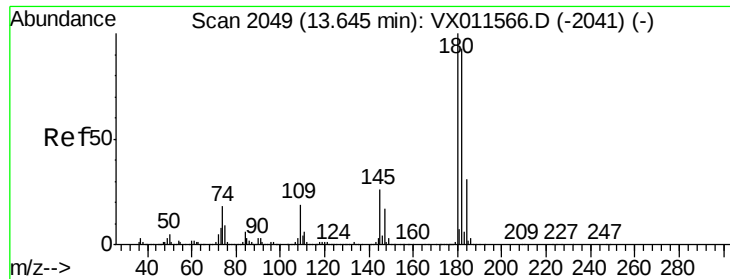
Delta R.T. 0.00 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Tgt Ion:	75	Resp:	23314
Ion Ratio	Lower	Upper	
75	100		
155	96.8	53.0	159.0
157	126.9	68.3	205.1





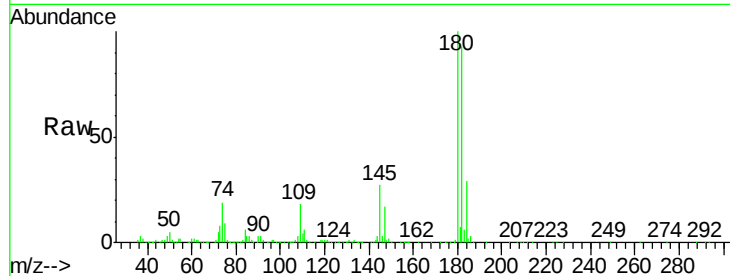
#93
 1,2,4-Trichlorobenzene
 Concen: 19.854 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011648.D
 Acq: 19 Aug 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBSD02

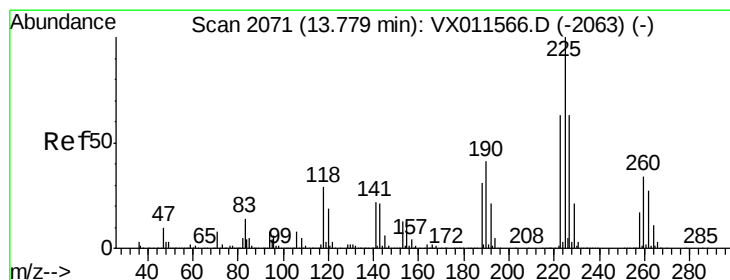
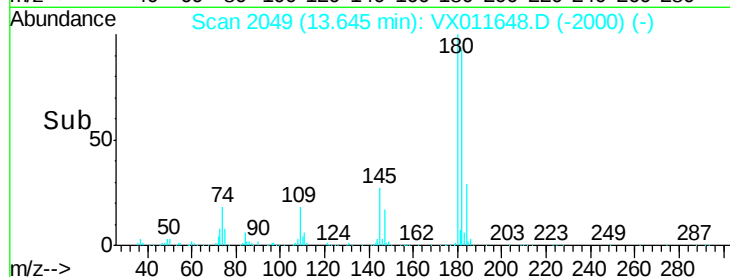
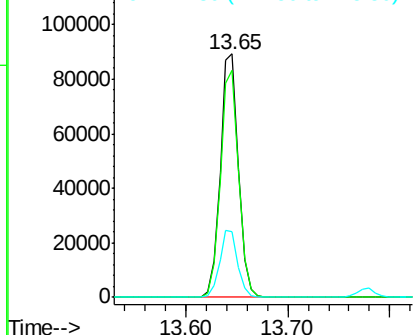
Tot Ion	Ratio	Resp	Lower	Upper
180	100	111189		
182	93.7	47.3	142.0	
145	27.3	13.6	40.8	

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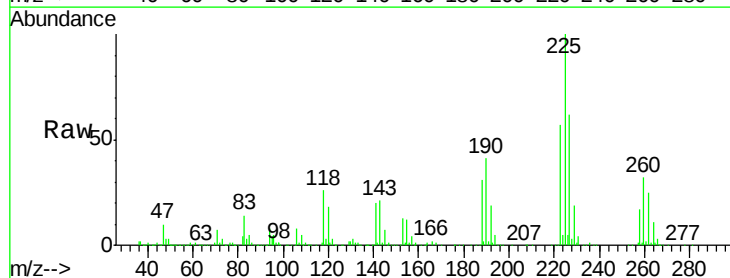


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

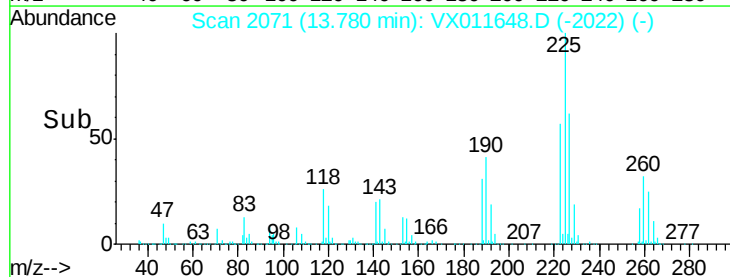
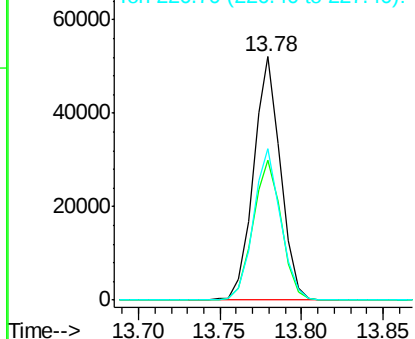


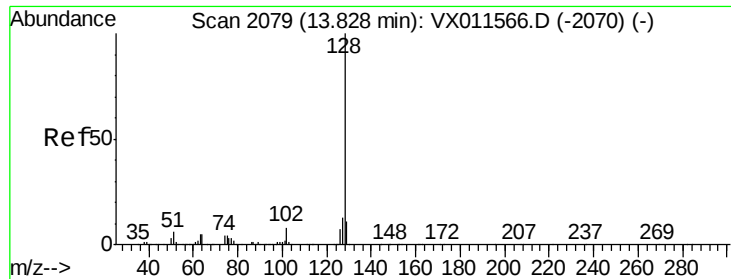
#94
 Hexachlorobutadiene
 Concen: 19.636 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011648.D
 Acq: 19 Aug 2019 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59882		
223	60.3	31.4	94.0	
227	63.0	31.2	93.6	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.898 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Instrument :

MSVOA_X

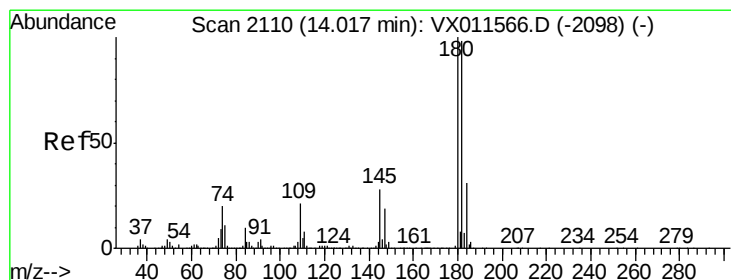
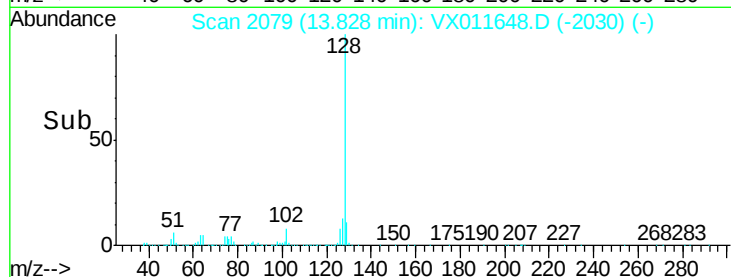
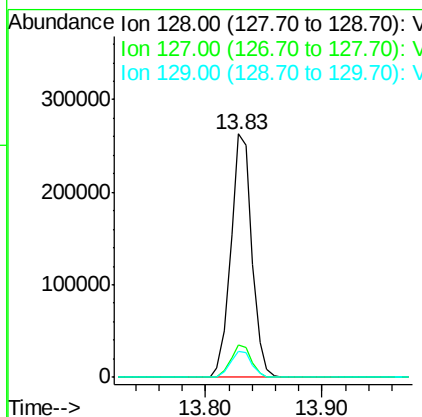
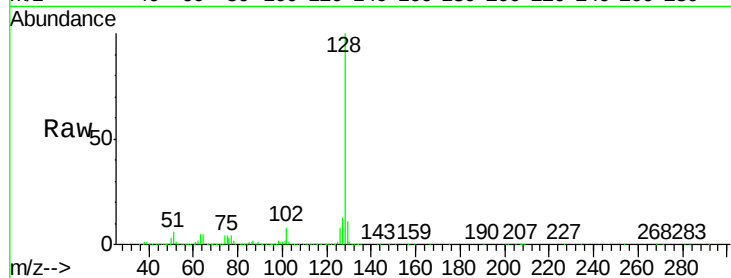
ClientSampled :

VX0819WBSD02

Tot Ion:	128	Resp:	330874
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.3	15.5
129	11.1	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 20.250 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011648.D

Acq: 19 Aug 2019 22:21

Tgt Ion:	180	Resp:	114387
Ion Ratio	Lower	Upper	
180	100		
182	97.3	48.0	144.0
145	29.8	14.6	43.8

