

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082119\
 Data File : VX011733.D
 Acq On : 21 Aug 2019 15:31
 Operator : JC/SP
 Sample : VX0821WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/22/2019 10:01:09 AM

Quant Time: Aug 22 04:02:08 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	5.65	168	349940	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	513951	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	468172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	250478	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	166268	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
35) Dibromofluoromethane	5.49	113	144040	42.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.70%	
50) Toluene-d8	8.71	98	453206	43.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.54%	
62) 4-Bromofluorobenzene	11.13	95	204528	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	73337	21.321	ug/l	100
3) Chloromethane	1.32	50	58259	16.307	ug/l	99
4) Vinyl Chloride	1.40	62	57204	17.725	ug/l	95
5) Bromomethane	1.63	94	25243	17.457	ug/l	96
6) Chloroethane	1.71	64	33552	21.967	ug/l	98
7) Trichlorofluoromethane	1.92	101	95324	21.325	ug/l	100
8) Diethyl Ether	2.18	74	32500	21.195	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	57170	18.517	ug/l	96
10) Methyl Iodide	2.50	142	37742	8.581	ug/l	94
11) Tert butyl alcohol	3.04	59	79112	99.368	ug/l	100
12) 1,1-Dichloroethene	2.37	96	55365	18.555	ug/l	96
13) Acrolein	2.29	56	21543	95.839	ug/l	93
14) Allyl chloride	2.72	41	94091	18.957	ug/l	94
15) Acrylonitrile	3.14	53	187230	102.752	ug/l	99
16) Acetone	2.43	43	150848	92.445	ug/l	98
17) Carbon Disulfide	2.56	76	116070	16.509	ug/l	98
18) Methyl Acetate	2.76	43	106367	21.018	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	205295	21.126	ug/l	98
20) Methylene Chloride	2.85	84	66903	19.527	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	63122	19.963	ug/l	96
22) Diisopropyl ether	3.85	45	202637	20.500	ug/l	95
23) Vinyl Acetate	3.81	43	792248	101.213	ug/l	99
24) 1,1-Dichloroethane	3.69	63	112767	20.178	ug/l	98
25) 2-Butanone	4.67	43	252022	98.380	ug/l	98
26) 2,2-Dichloropropane	4.57	77	83943	19.956	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	73764	20.012	ug/l	99
28) Bromochloromethane	5.01	49	46889	19.112	ug/l	100
29) Tetrahydrofuran	5.12	42	162573	96.745	ug/l	99
30) Chloroform	5.21	83	120881	20.495	ug/l	100
31) Cyclohexane	5.57	56	89729	18.648	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	101397	19.994	ug/l	99
36) 1,1-Dichloropropene	5.79	75	80391	18.295	ug/l	98
37) Ethyl Acetate	4.82	43	91491	18.102	ug/l	98
38) Carbon Tetrachloride	5.78	117	91282	18.855	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	97797	18.022	ug/l	98
40) Benzene	6.13	78	252170	18.467	ug/l	100
41) Methacrylonitrile	5.04	41	50127	18.020	ug/l	97
42) 1,2-Dichloroethane	6.19	62	94919	20.063	ug/l	98
43) Isopropyl Acetate	6.44	43	146698	18.598	ug/l	100
44) Trichloroethene	7.21	130	76960	18.998	ug/l	99
45) 1,2-Dichloropropane	7.51	63	65739	19.304	ug/l	98
46) Dibromomethane	7.66	93	46720	18.878	ug/l	99
47) Bromodichloromethane	7.89	83	83653	18.410	ug/l	96
48) Methyl methacrylate	7.77	41	73315	18.769	ug/l	96
49) 1,4-Dioxane	7.74	88	36824	354.443	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	458217	88.754	ug/l	100
52) Toluene	8.78	92	154722	17.785	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	86195	18.277	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	97180	18.830	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	69931	18.903	ug/l	97
56) Ethyl methacrylate	9.18	69	98999	18.411	ug/l	97
57) 1,3-Dichloropropane	9.37	76	111658	18.987	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	244520	91.266	ug/l	98
59) 2-Hexanone	9.49	43	379936	95.430	ug/l	100
60) Dibromochloromethane	9.58	129	73166	18.982	ug/l	98
61) 1,2-Dibromoethane	9.67	107	76807	19.453	ug/l	100
64) Tetrachloroethene	9.34	164	72714	18.930	ug/l	99
65) Chlorobenzene	10.13	112	193454	19.373	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	71853	19.252	ug/l	99
67) Ethyl Benzene	10.25	91	323415	19.407	ug/l	99
68) m/p-Xylenes	10.35	106	250418	39.146	ug/l	99
69) o-Xylene	10.69	106	124612	19.887	ug/l	96
70) Styrene	10.71	104	205509	19.482	ug/l	98
71) Bromoform	10.85	173	56840	17.931	ug/l #	99
73) Isopropylbenzene	11.02	105	334059	20.553	ug/l	100
74) N-amyl acetate	10.90	43	127025	18.391	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	108479	19.402	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	94788m	19.957	ug/l	
77) Bromobenzene	11.25	156	96320	19.919	ug/l	100
78) n-propylbenzene	11.36	91	357134	20.378	ug/l	99
79) 2-Chlorotoluene	11.41	91	218534	20.307	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	276141	20.225	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	27055	18.532	ug/l	91
82) 4-Chlorotoluene	11.51	91	250840	20.091	ug/l	98
83) tert-Butylbenzene	11.77	119	276083	19.854	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	281344	20.526	ug/l	98
85) sec-Butylbenzene	11.94	105	310081	19.765	ug/l	100
86) p-Isopropyltoluene	12.06	119	298986	20.257	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	161111	19.384	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	161358	19.154	ug/l	99
89) n-Butylbenzene	12.38	91	240913	19.854	ug/l	100
90) Hexachloroethane	12.59	117	43688	18.744	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	165031	19.779	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	23917	18.698	ug/l	93

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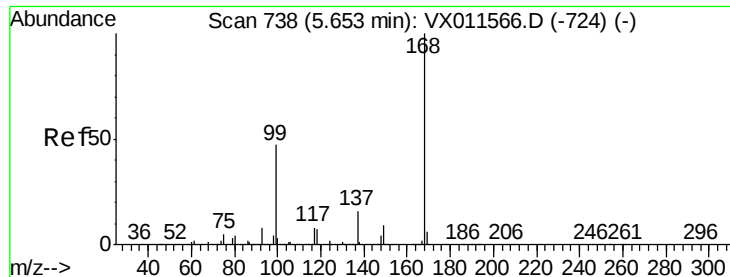
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	116485	18.737	ug/l	99
94) Hexachlorobutadiene	13.78	225	63093	18.638	ug/l	98
95) Naphthalene	13.83	128	361508	20.569	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	125225	19.971	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

Tot Ion:168 Resp: 349940

Ion Ratio Lower Upper

168 100

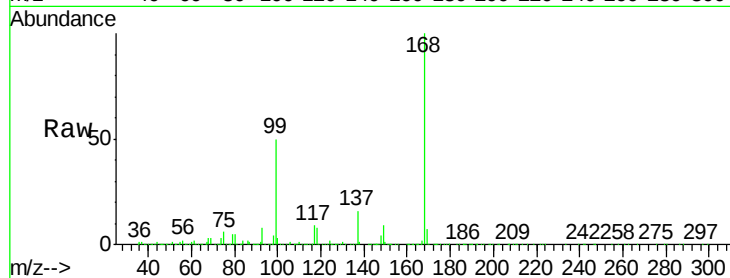
99 49.7 37.3 55.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

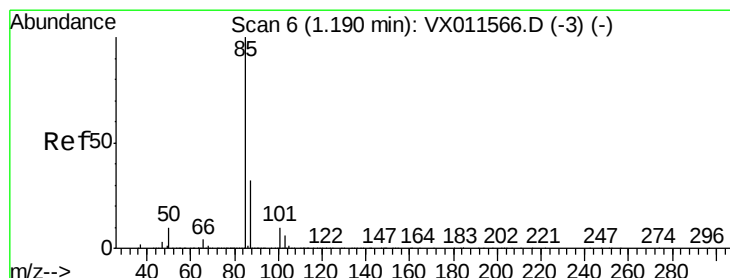
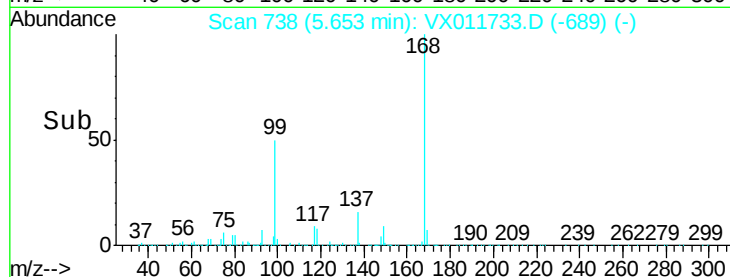
5.65

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.321 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011733.D

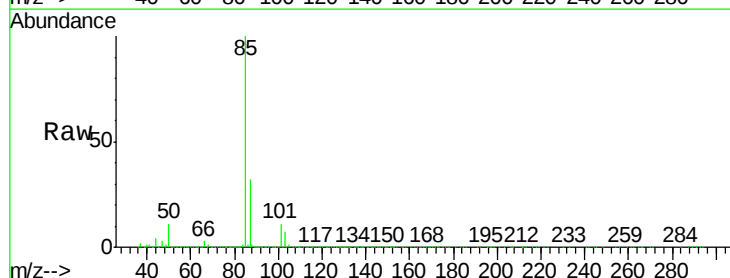
Acq: 21 Aug 2019 15:31

Tgt Ion: 85 Resp: 73337

Ion Ratio Lower Upper

85 100

87 31.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

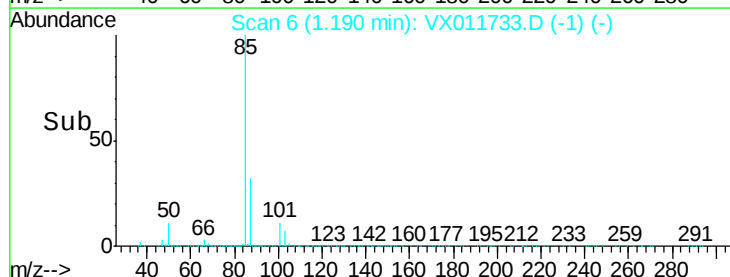
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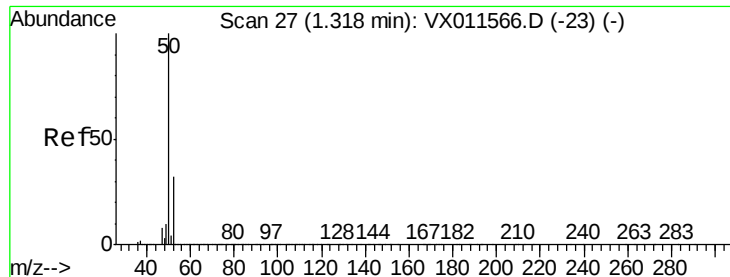
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20000

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Time-->





#3

Chloromethane

Concen: 16.307 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

Tot Ion: 50 Resp: 58259

Ion Ratio Lower Upper

50 100

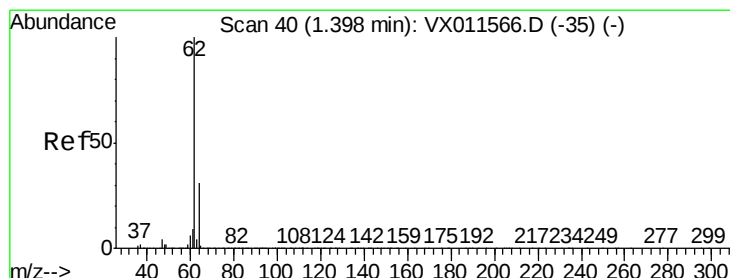
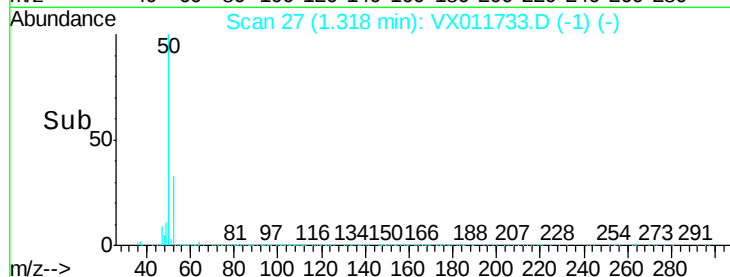
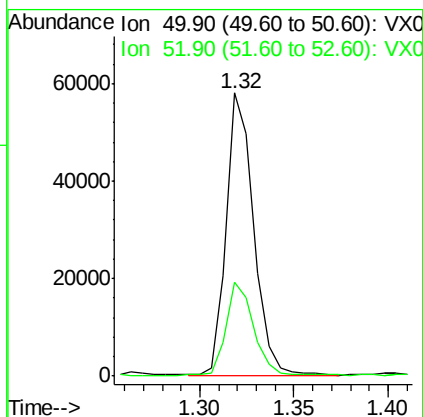
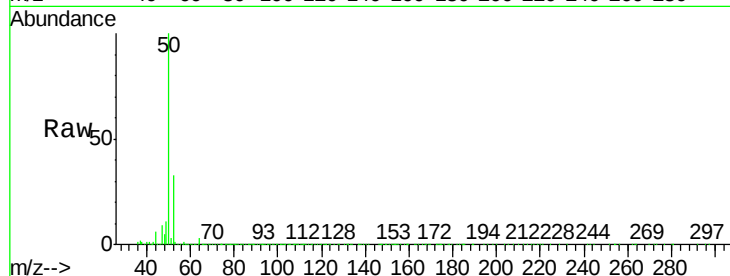
52 32.9 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.725 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011733.D

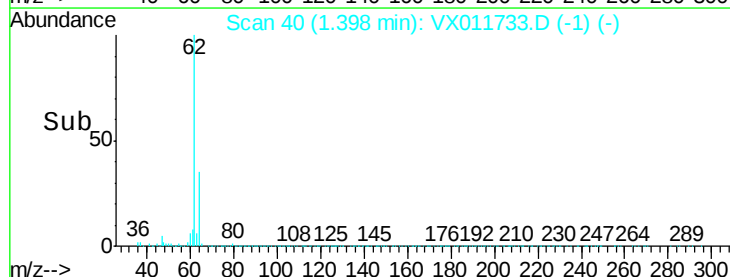
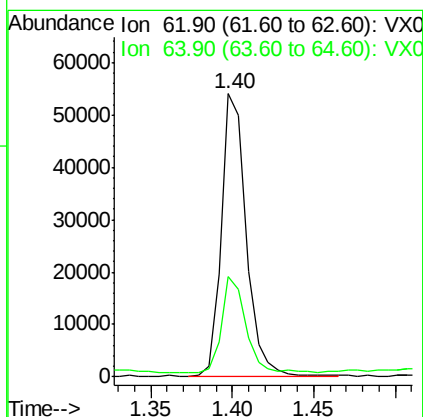
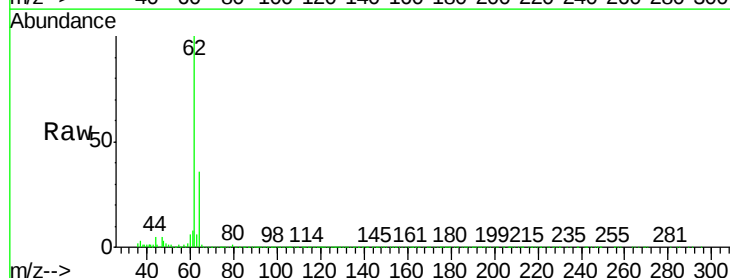
Acq: 21 Aug 2019 15:31

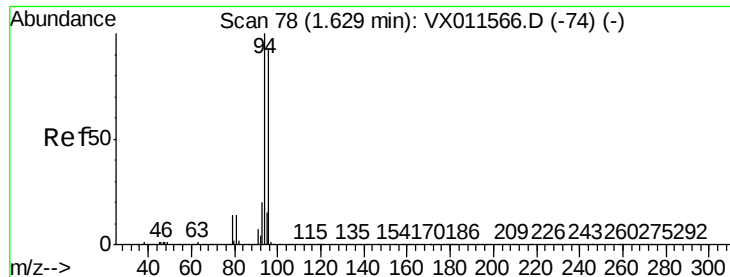
Tgt Ion: 62 Resp: 57204

Ion Ratio Lower Upper

62 100

64 34.1 25.0 37.4





#5

Bromomethane

Concen: 17.457 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

Tot Ion: 94 Resp: 25243

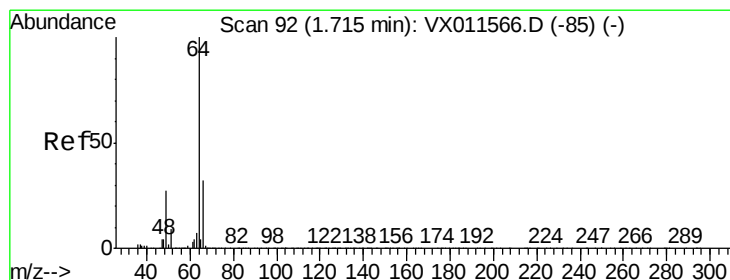
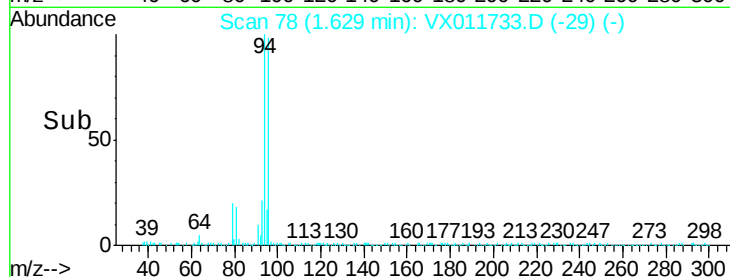
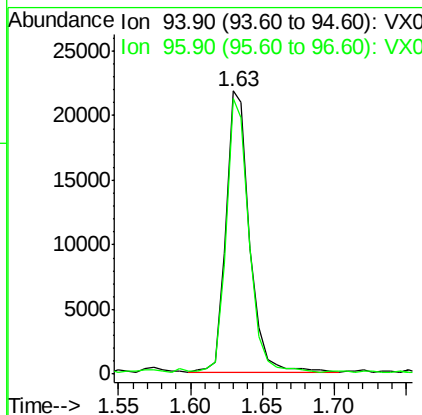
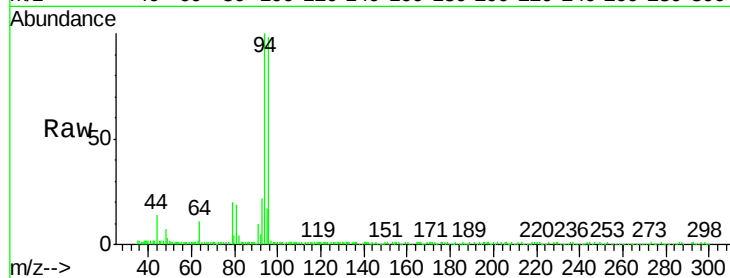
Ion Ratio Lower Upper

94 100

96 97.0 74.8 112.2

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#6

Chloroethane

Concen: 21.967 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011733.D

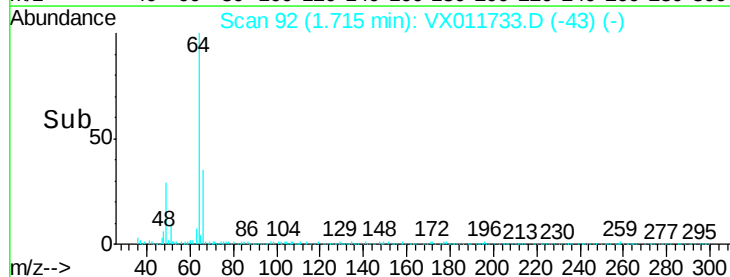
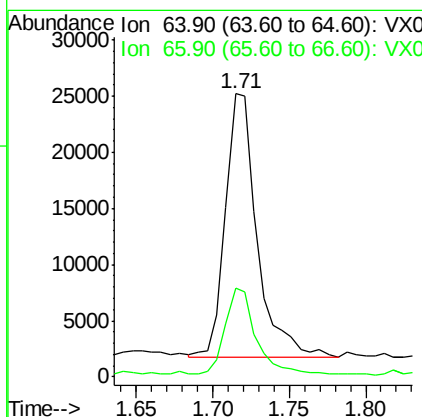
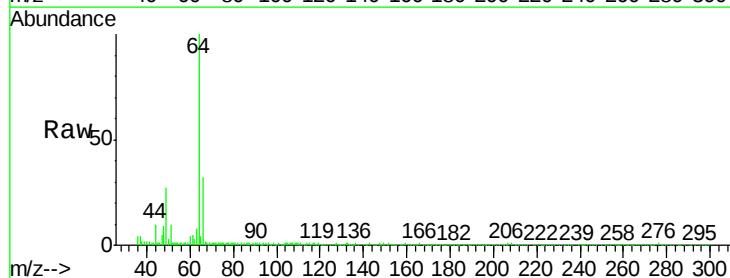
Acq: 21 Aug 2019 15:31

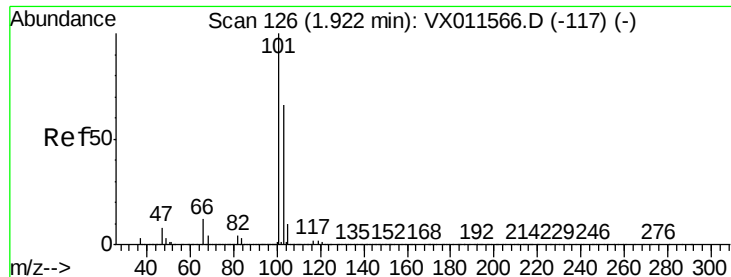
Tgt Ion: 64 Resp: 33552

Ion Ratio Lower Upper

64 100

66 32.9 25.3 37.9





#7

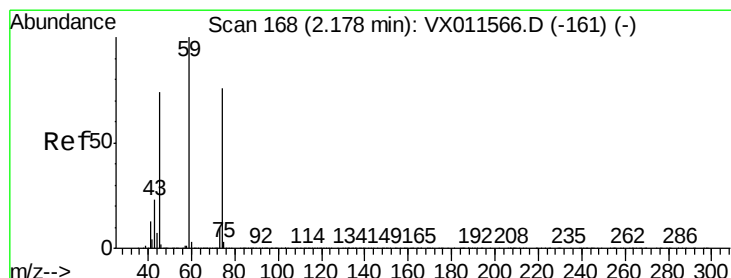
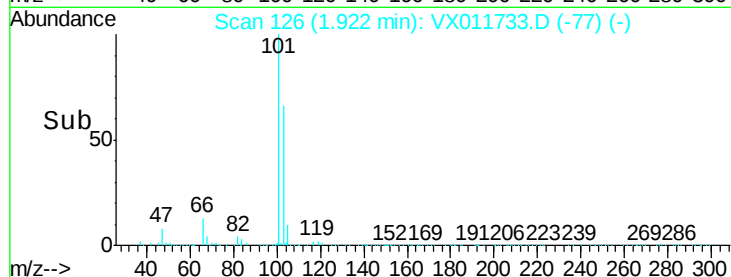
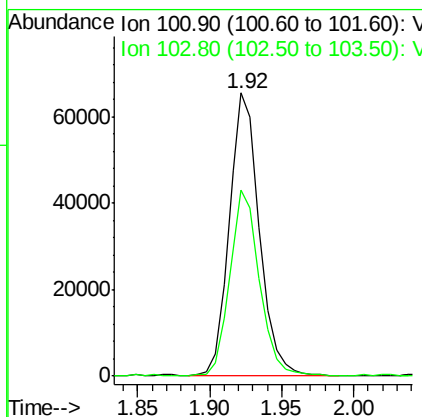
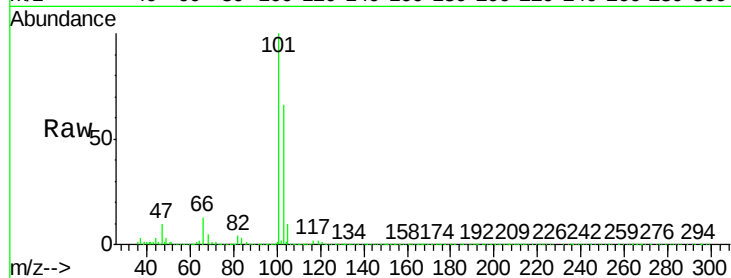
Trichlorofluoromethane
Concen: 21.325 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Instrument :
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ClientSampleId :
VX0821WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	52.9	79.3

Manual Integrations
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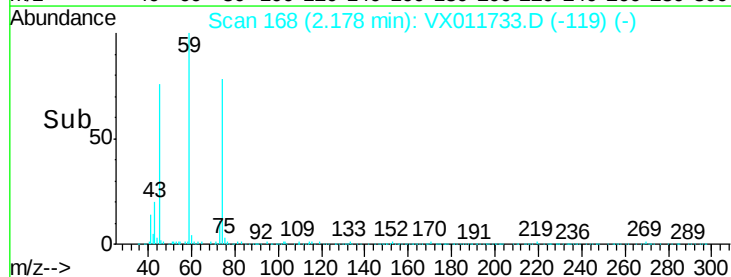
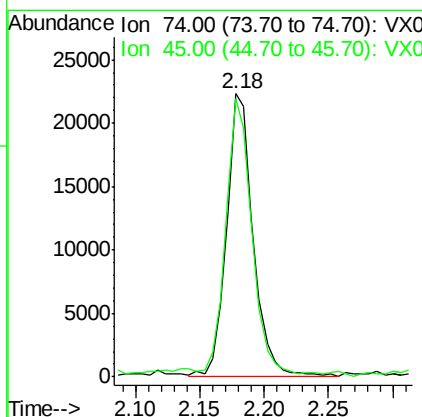
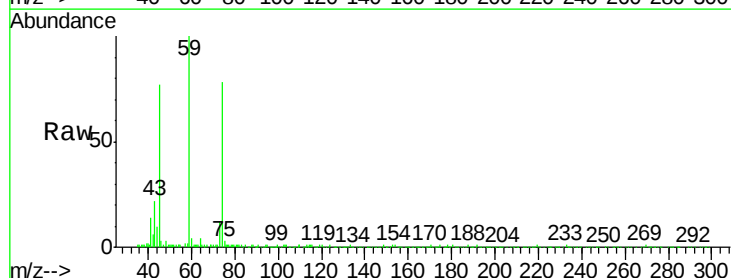
MMDadoda
8/22/2019 10:01:09 AM

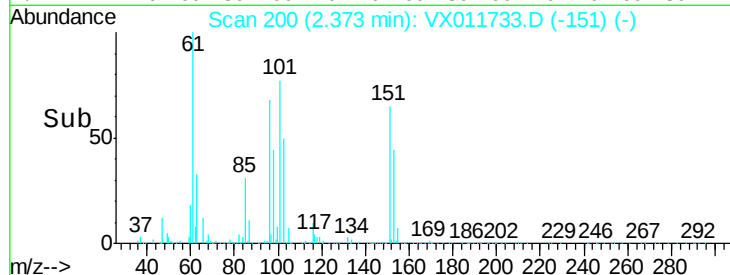
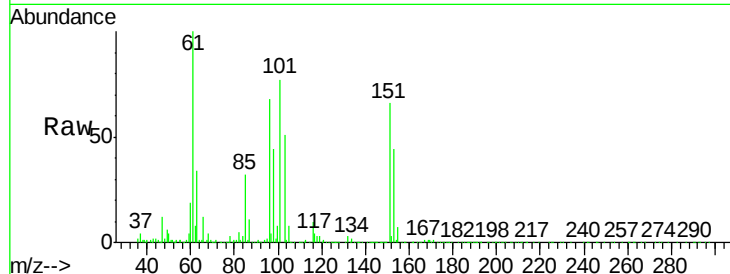
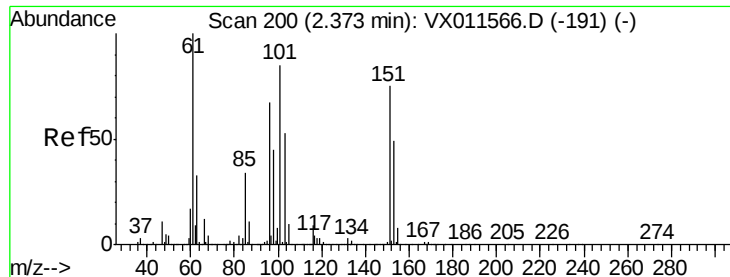


#8

Diethyl Ether
Concen: 21.195 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.5	48.2	144.6





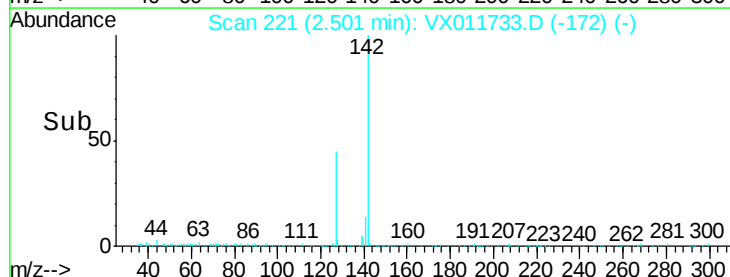
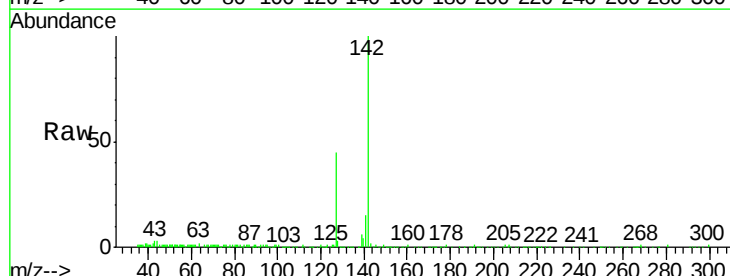
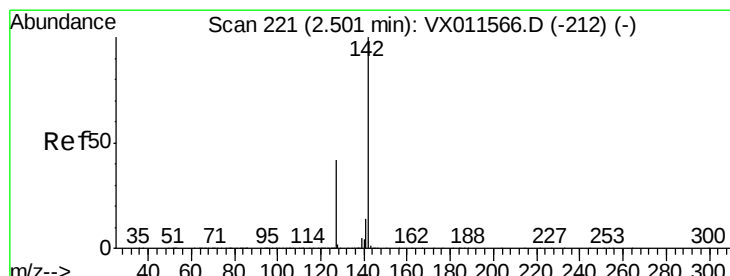
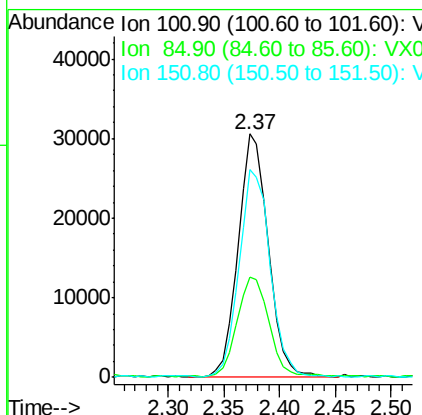
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.517 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	57170		
85	43.4	33.0	49.4	
151	88.2	73.3	109.9	

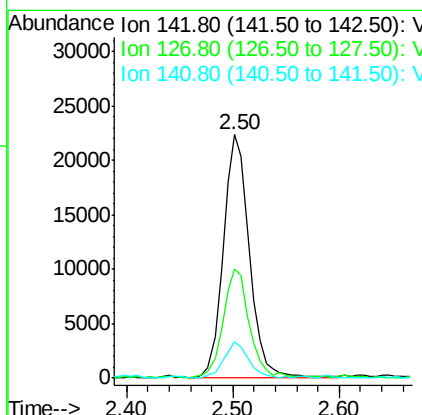
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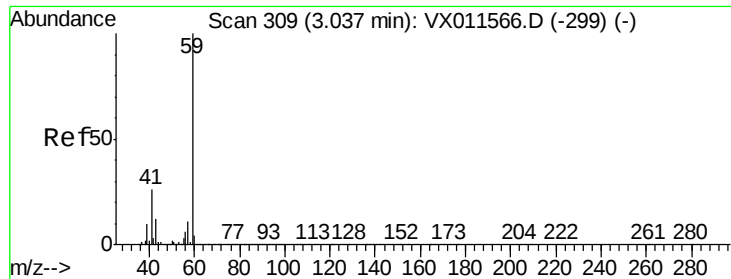
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8/22/2019 10:01:09 AM



#10
Methyl Iodide
Concen: 8.581 ug/l
RT: 2.50 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	37742		
127	46.0	32.8	49.2	
141	14.5	11.4	17.2	





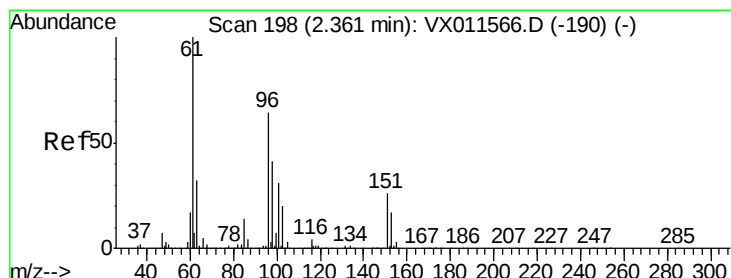
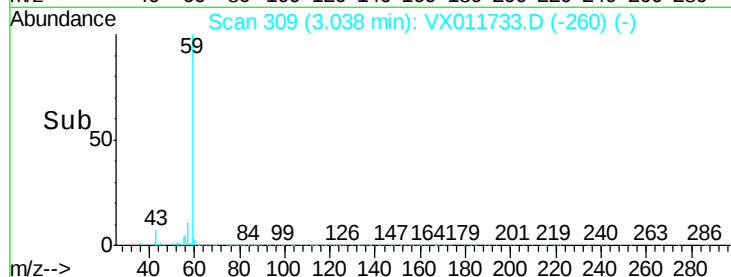
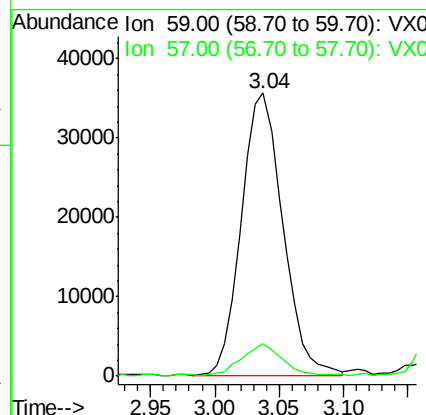
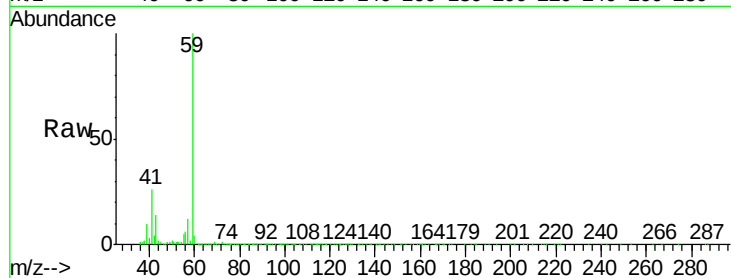
#11
Tert butyl alcohol
Concen: 99.368 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.7	13.1

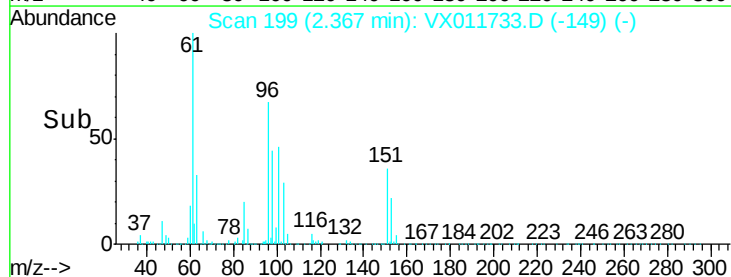
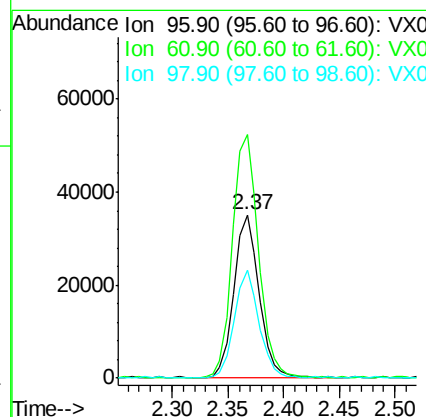
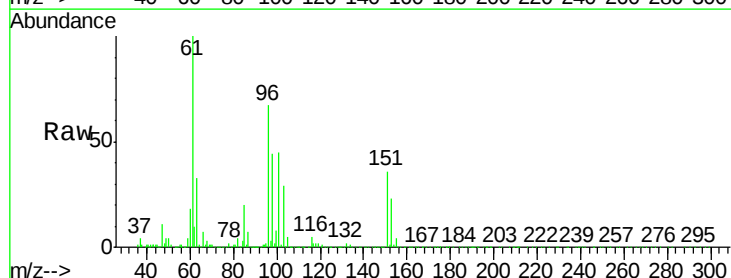
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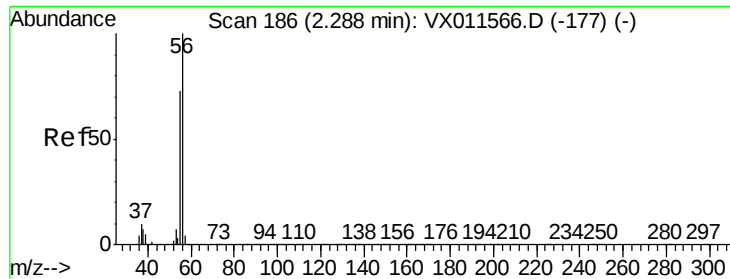
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#12
1,1-Dichloroethene
Concen: 18.555 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.01 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.2	125.0	187.4
98	65.8	51.5	77.3





#13

Acrolein

Concen: 95.839 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

Tot Ion: 56 Resp: 21543

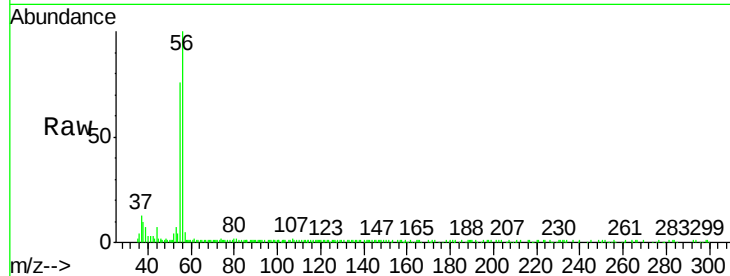
Ion Ratio Lower Upper

56 100

55 75.3 55.5 83.3

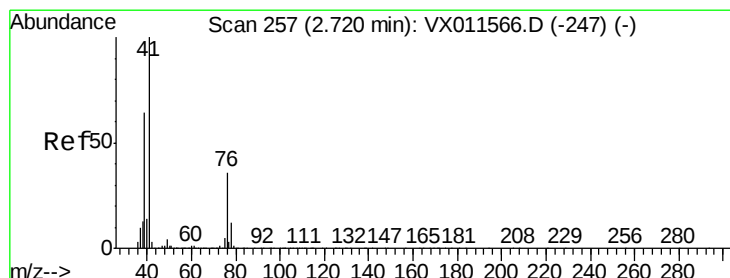
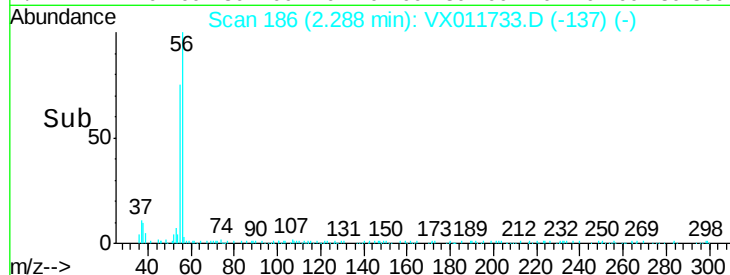
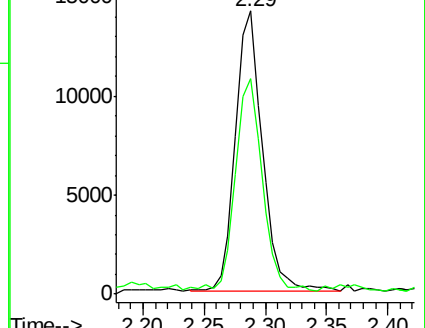
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.957 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

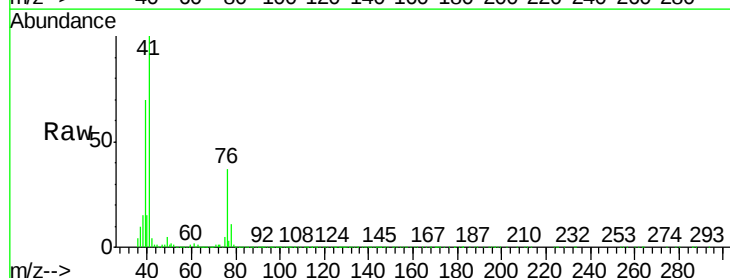
Tgt Ion: 41 Resp: 94091

Ion Ratio Lower Upper

41 100

39 66.0 47.5 71.3

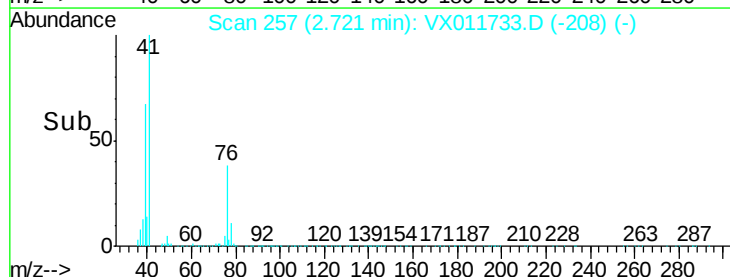
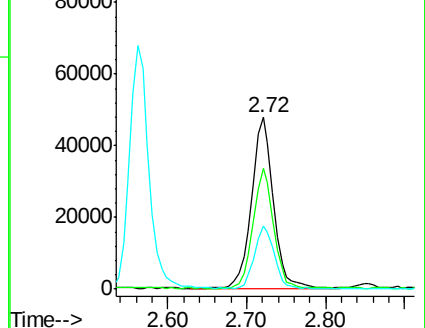
76 32.6 26.3 39.5

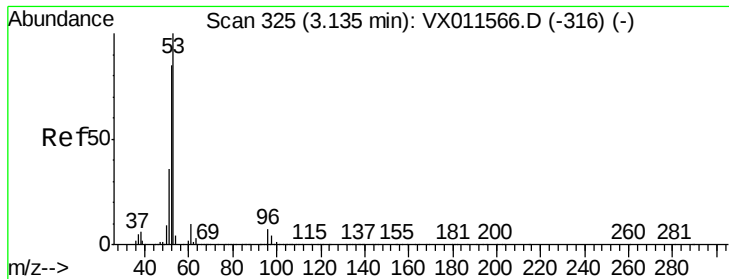


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 102.752 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Instrument :

MSVOA_X

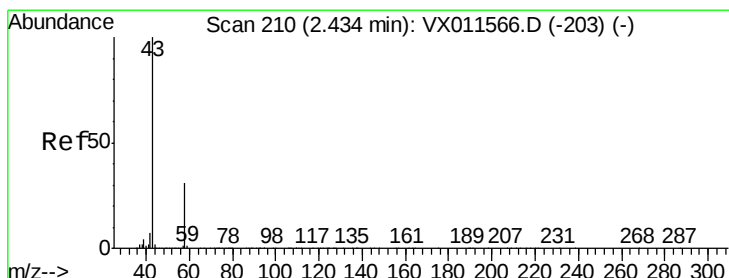
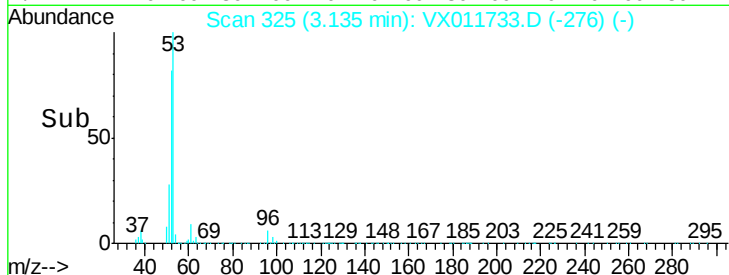
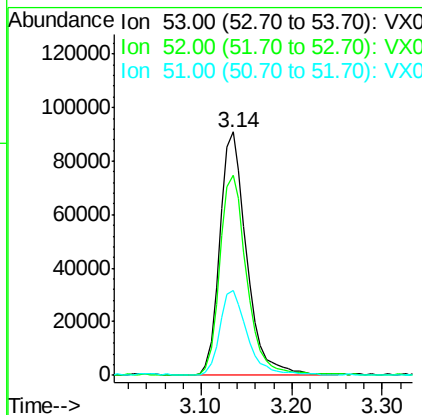
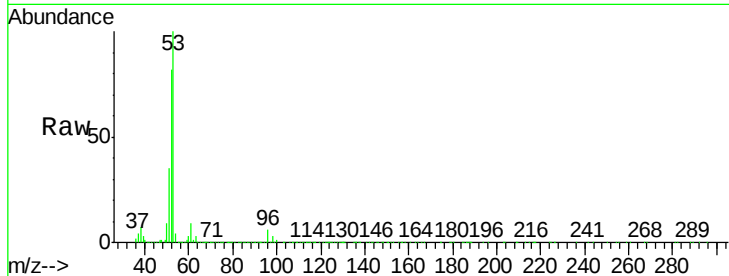
ClientSampleId :

VX0821WBSD01

Tot Ion:	53	Resp:	187230
Ion Ratio	Lower	Upper	
53	100		
52	82.6	66.7	100.1
51	35.5	28.7	43.1

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#16

Acetone

Concen: 92.445 ug/l

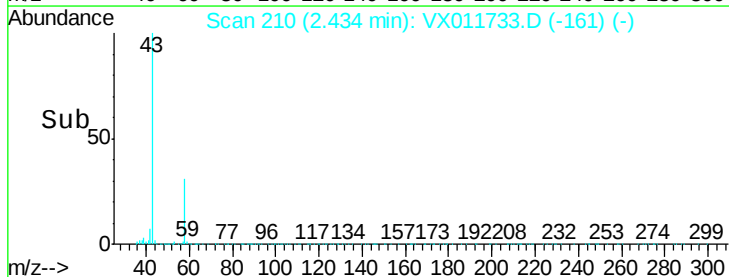
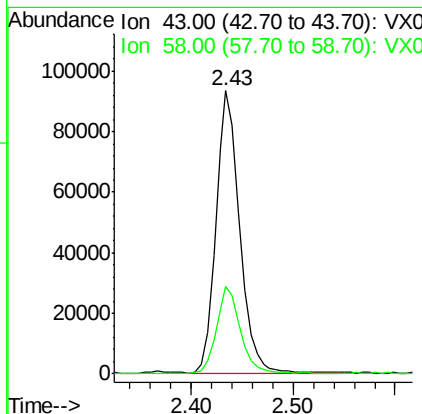
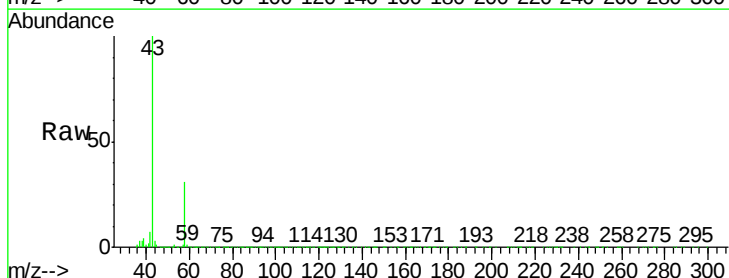
RT: 2.43 min Scan# 210

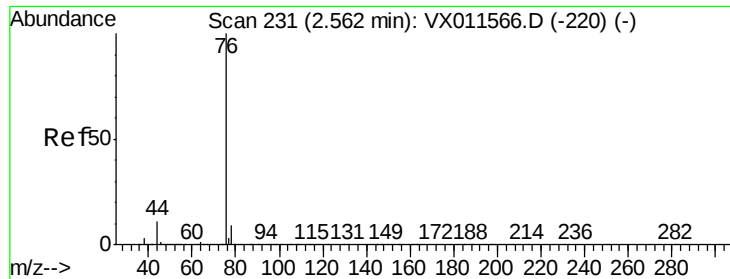
Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Tgt Ion:	43	Resp:	150848
Ion Ratio	Lower	Upper	
43	100		
58	30.5	25.2	37.8





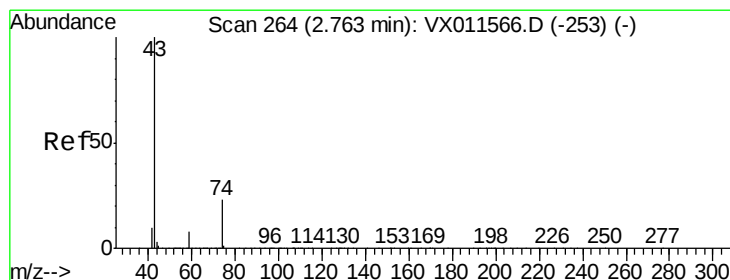
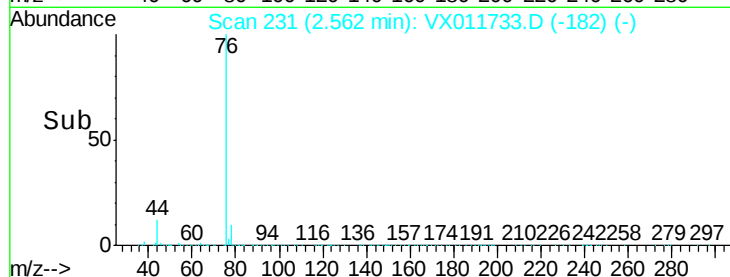
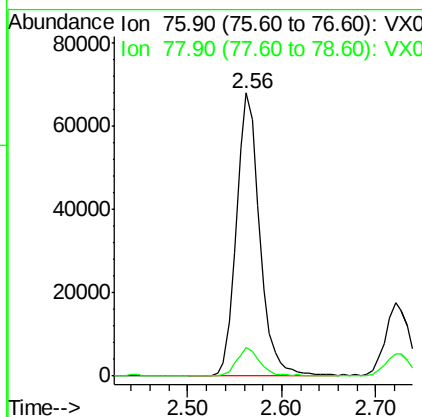
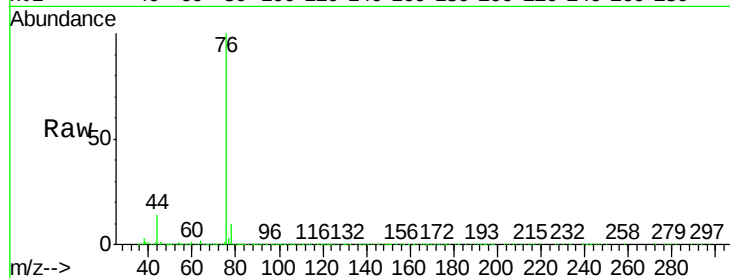
#17
Carbon Disulfide
Concen: 16.509 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.2	10.8

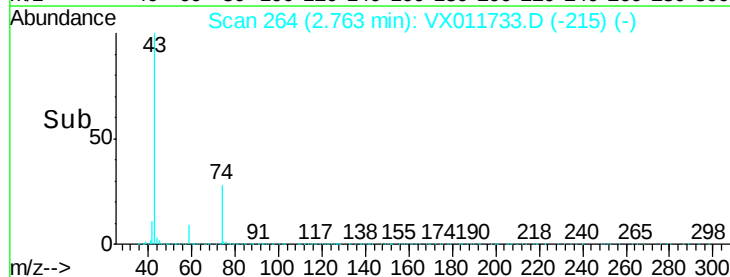
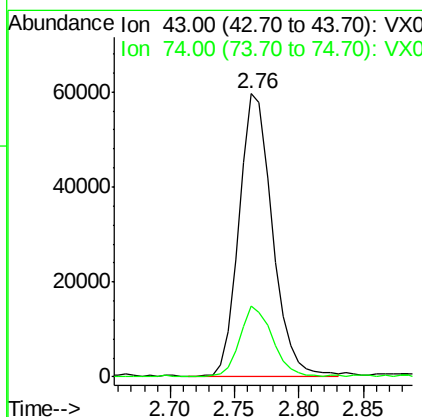
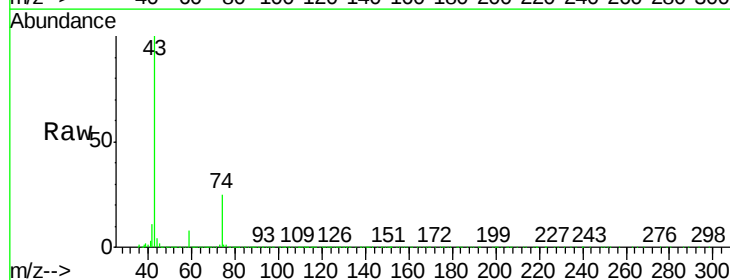
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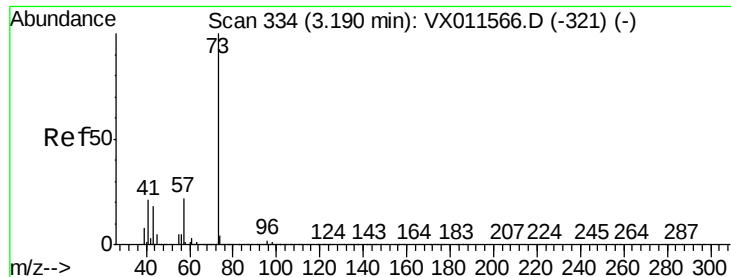
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#18
Methyl Acetate
Concen: 21.018 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	19.7	29.5





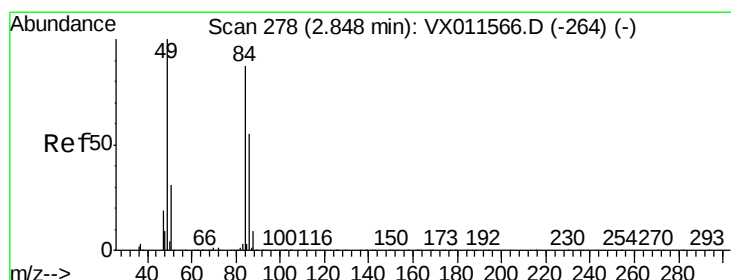
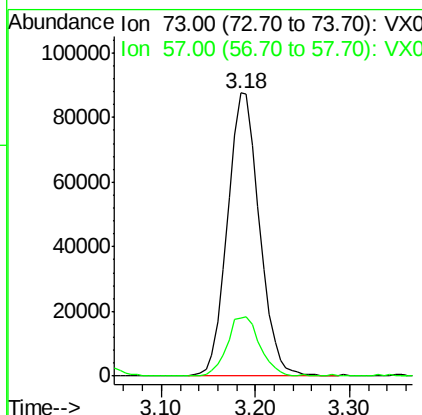
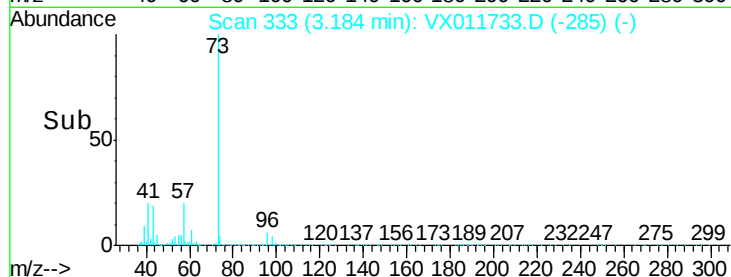
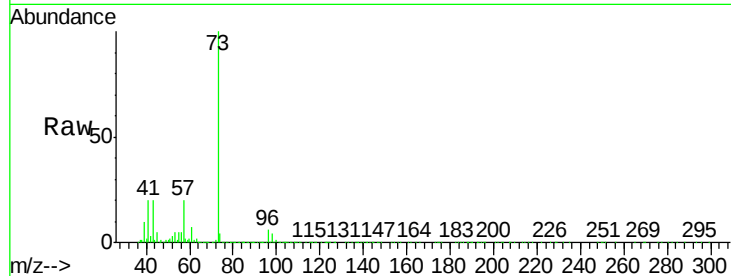
#19
Methvl tert-butvl Ether
Concen: 21.126 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.01 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.4	17.2	25.8

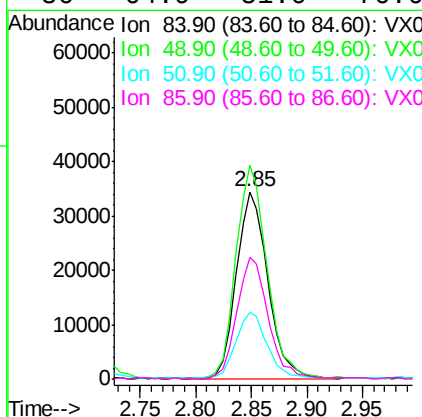
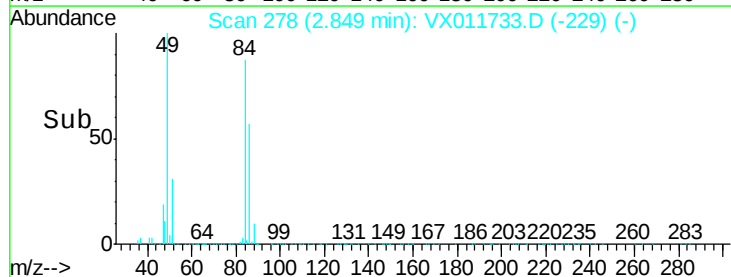
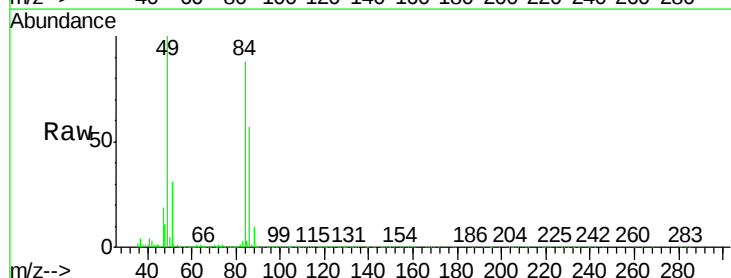
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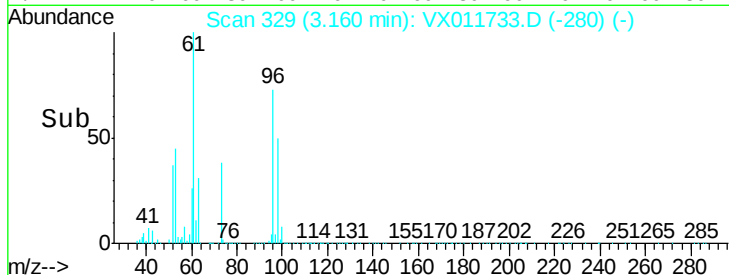
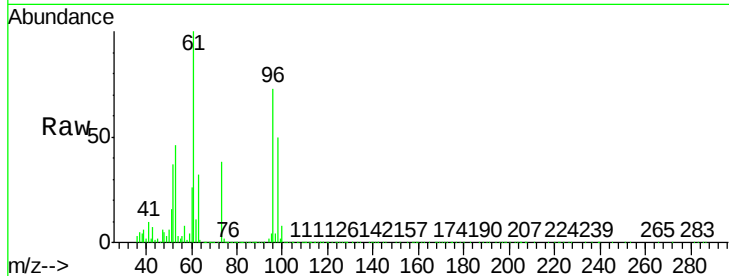
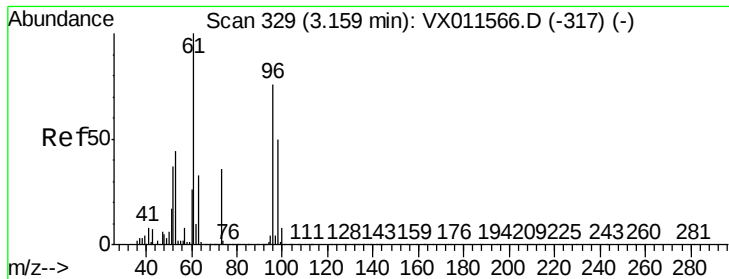
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#20
Methylene Chloride
Concen: 19.527 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.7	92.4	138.6
51	35.0	28.5	42.7
86	64.9	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 19.963 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011733.D

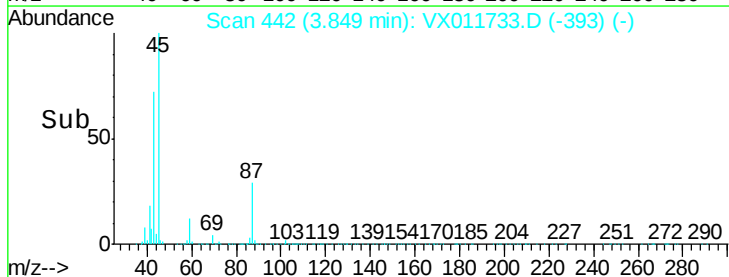
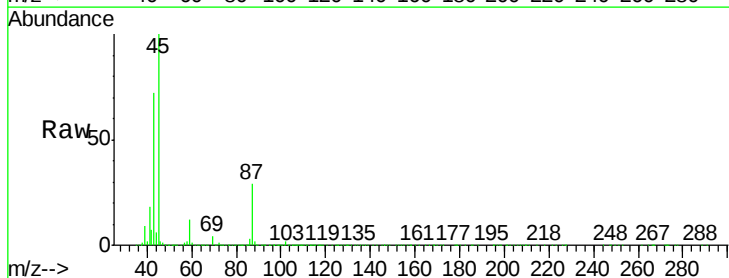
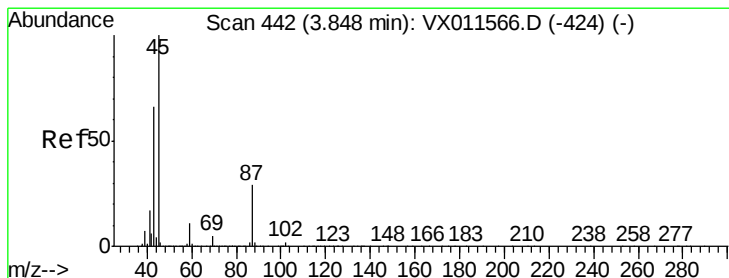
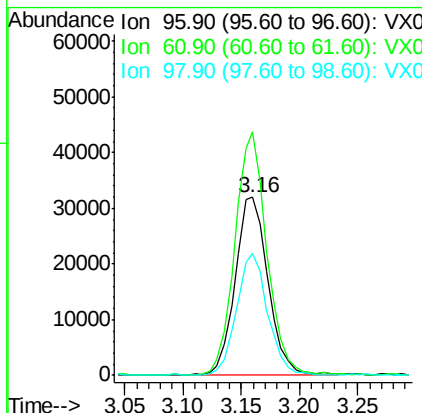
Acq: 21 Aug 2019 15:31

Tot Ion:	96	Resp:	63122
Ion Ratio	Lower	Upper	
96	100		
61	136.6	105.5	158.3
98	68.2	52.6	78.8

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

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#22

Diisopropyl ether

Concen: 20.500 ug/l

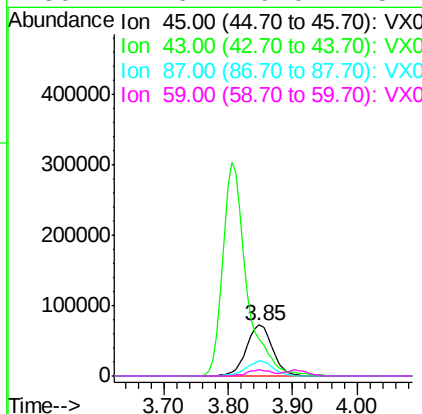
RT: 3.85 min Scan# 442

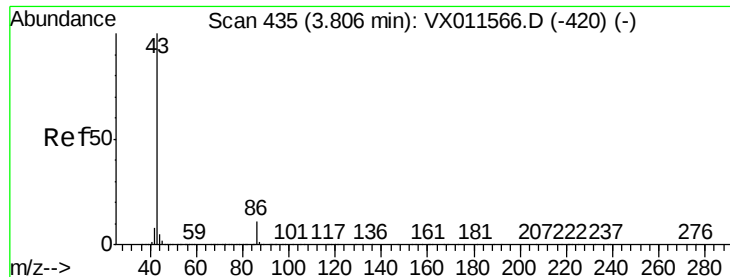
Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Tgt Ion:	45	Resp:	202637
Ion Ratio	Lower	Upper	
45	100		
43	72.4	52.7	79.1
87	28.9	23.5	35.3
59	11.6	9.0	13.4





#23

Vinyl Acetate

Concen: 101.213 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

Tot Ion: 43 Resp: 792248

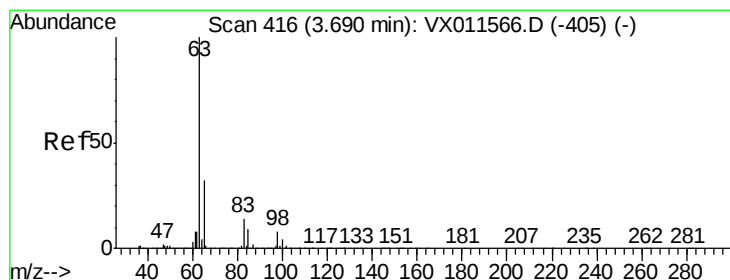
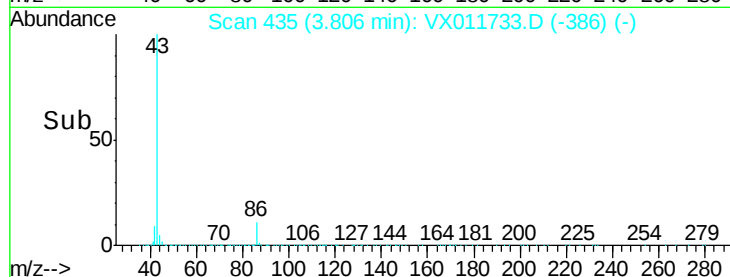
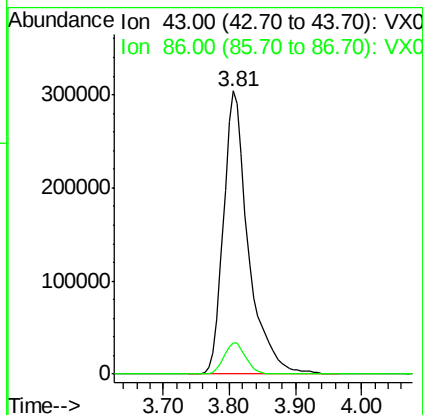
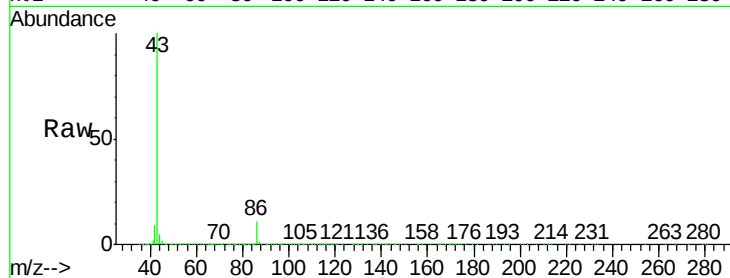
Ion Ratio Lower Upper

43 100

86 11.1 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 20.178 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

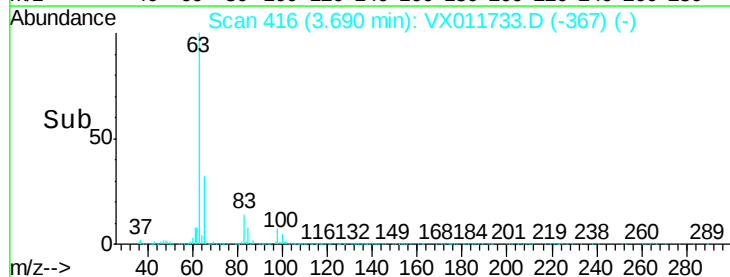
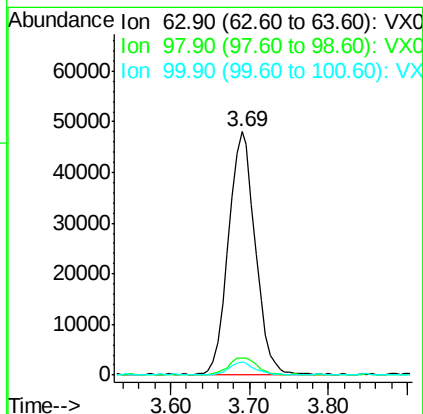
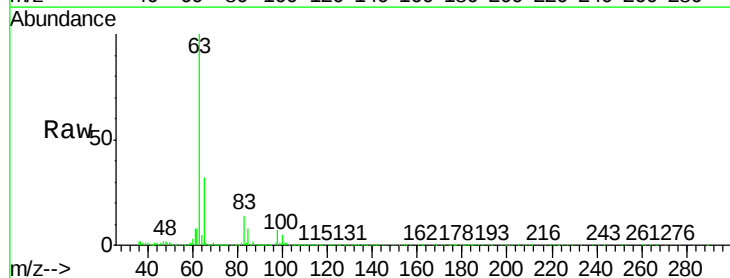
Tgt Ion: 63 Resp: 112767

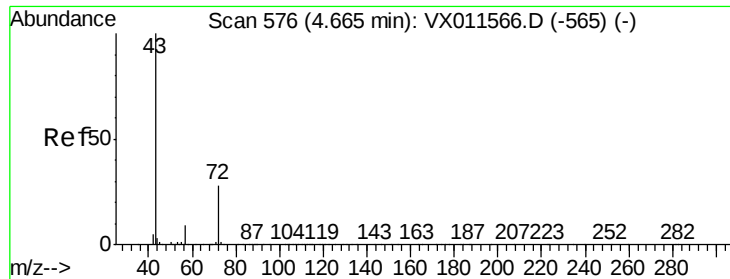
Ion Ratio Lower Upper

63 100

98 7.0 3.7 11.1

100 5.2 2.1 6.3





#25

2-Butanone

Concen: 98.380 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

Tot Ion: 43 Resp: 252022

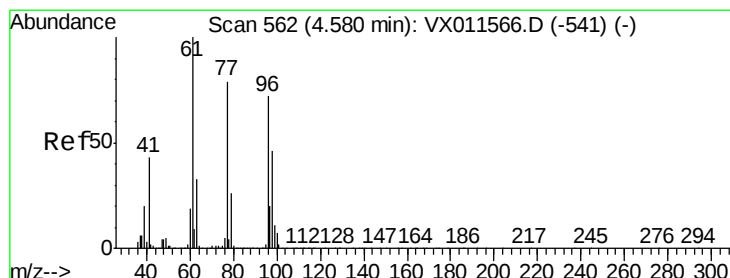
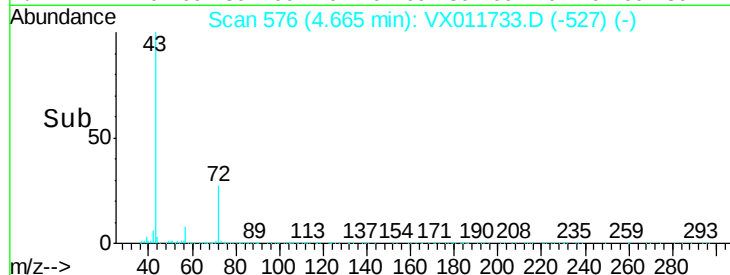
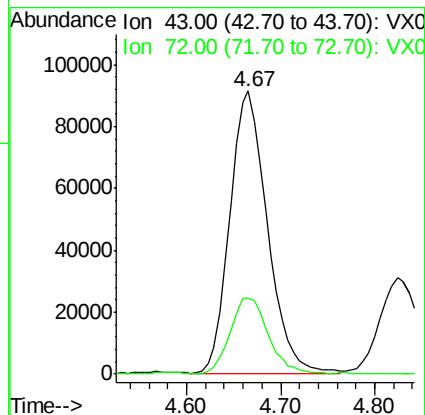
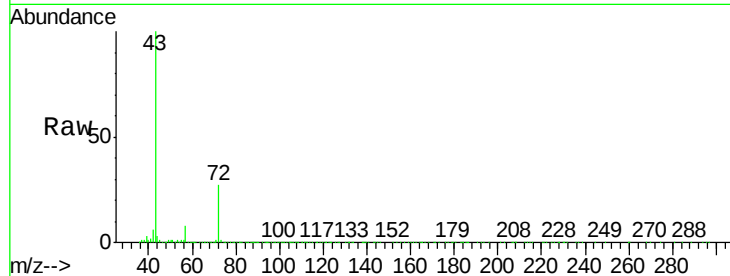
Ion Ratio Lower Upper

43 100

72 26.5 22.2 33.4

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#26

2,2-Dichloropropane

Concen: 19.956 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX011733.D

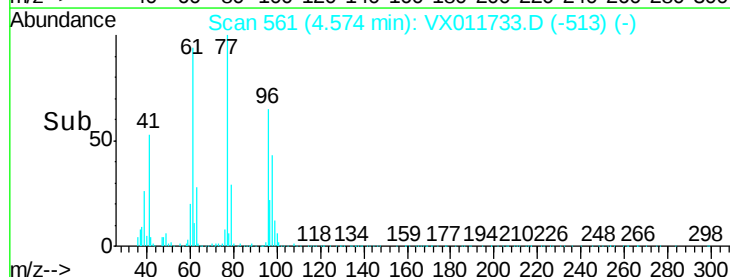
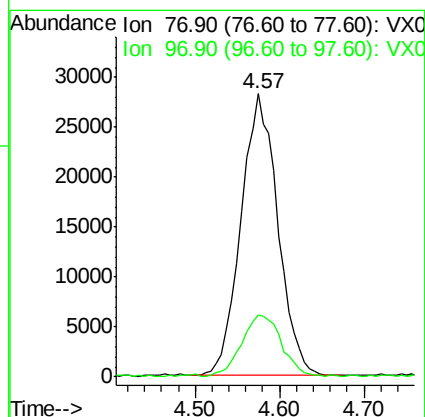
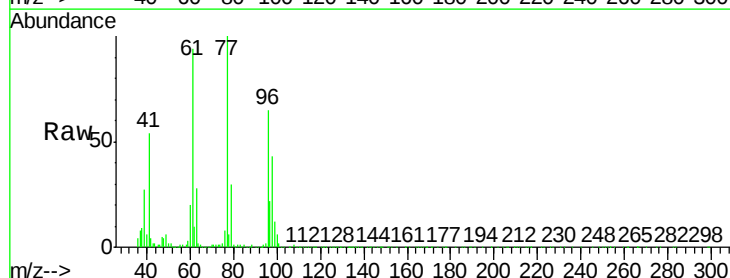
Acq: 21 Aug 2019 15:31

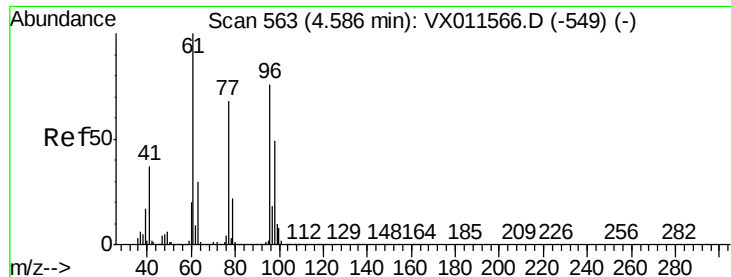
Tgt Ion: 77 Resp: 83943

Ion Ratio Lower Upper

77 100

97 24.1 12.4 37.2





#27

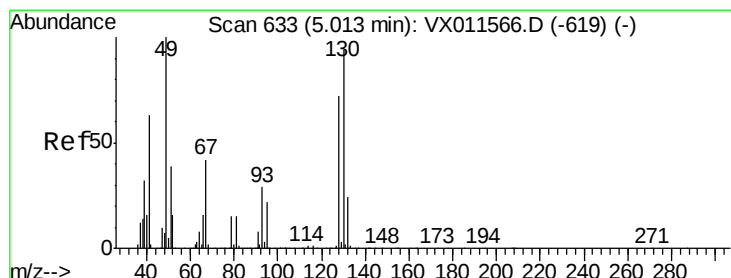
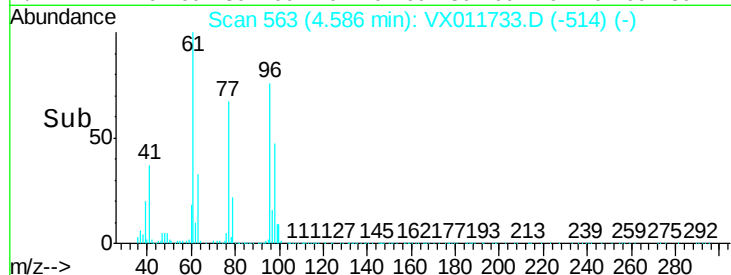
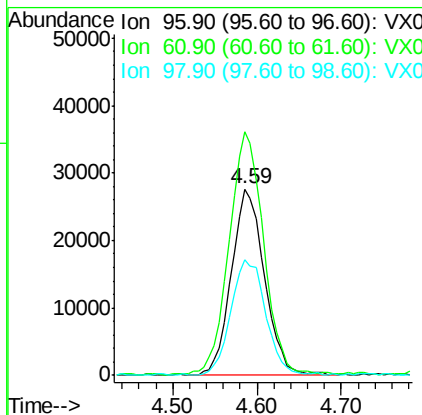
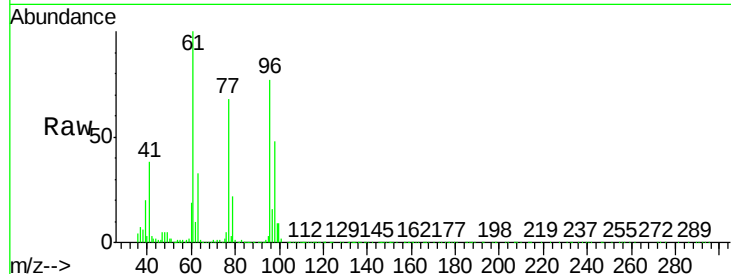
cis-1,2-Dichloroethene
Concen: 20.012 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.6	0.0	272.6
98	65.0	0.0	129.4

Manual Integrations
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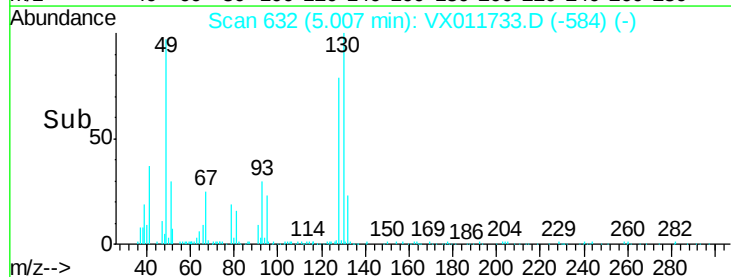
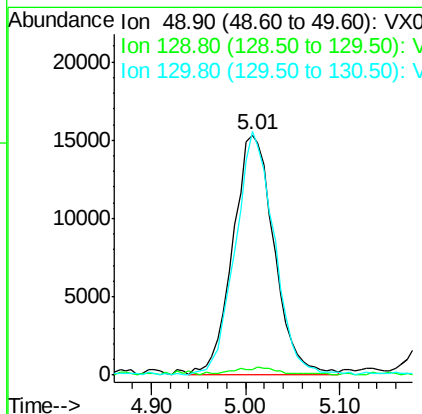
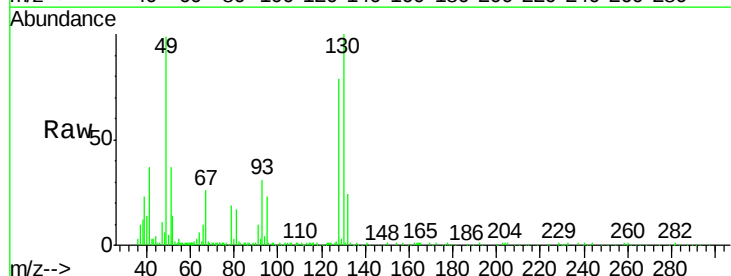
MMDadoda
8/22/2019 10:01:09 AM

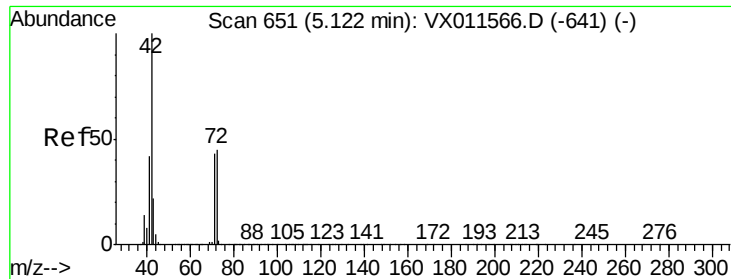


#28

Bromochloromethane
Concen: 19.112 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.0
130	95.9	76.6	115.0





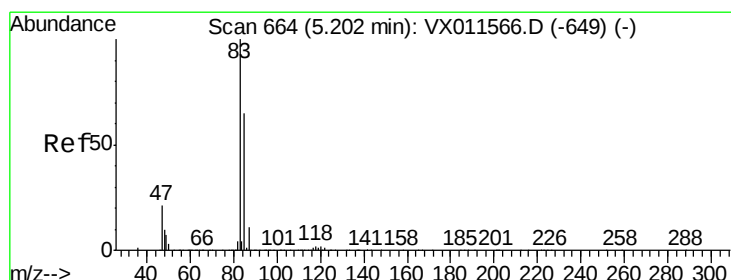
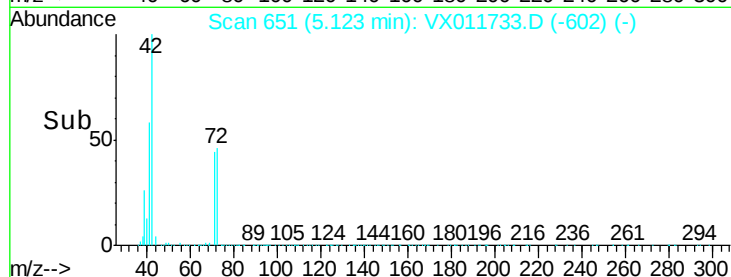
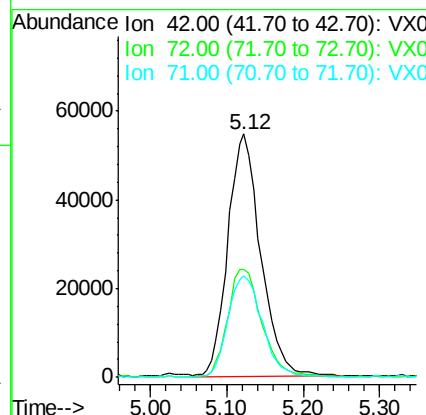
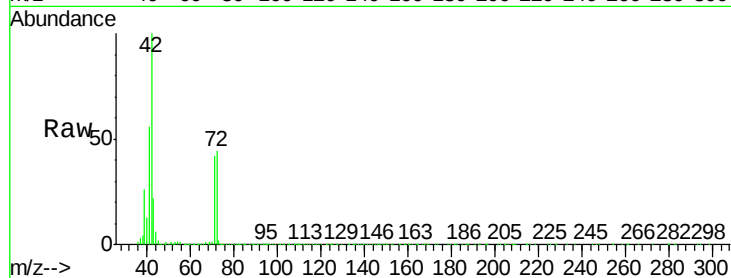
#29
Tetrahydrofuran
Concen: 96.745 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.00 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	36.1	54.1
71	43.2	33.8	50.8

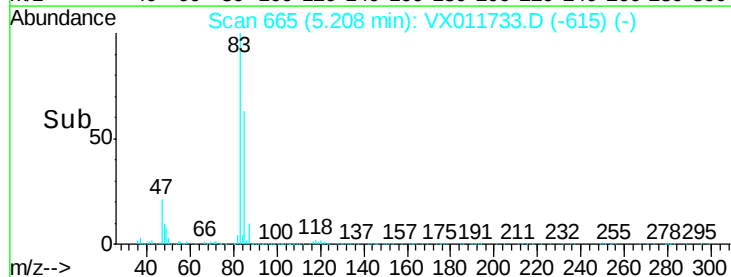
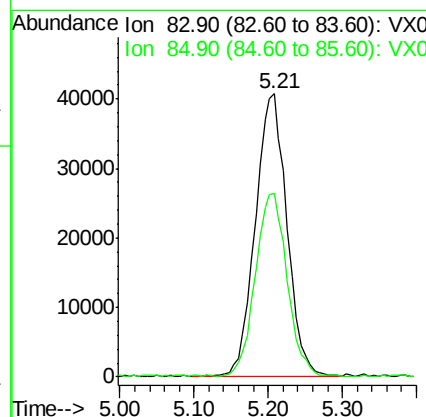
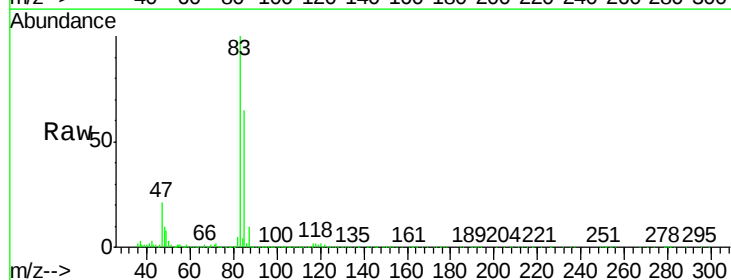
Manual Integrations
APPROVED

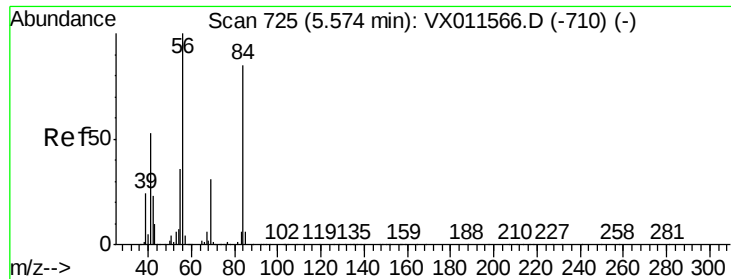
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#30
Chloroform
Concen: 20.495 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.01 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.9	77.9





#31

Cyclohexane

Concen: 18.648 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Instrument :

MSVOA_X

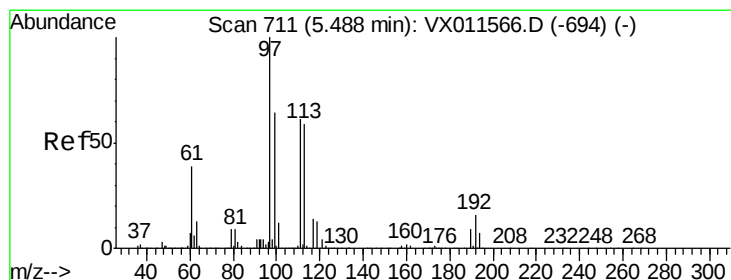
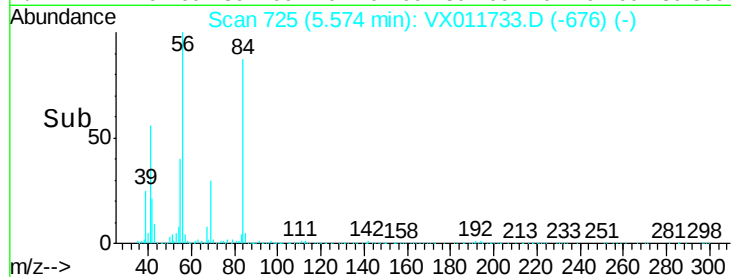
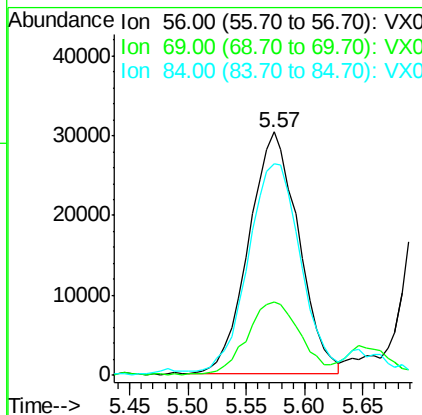
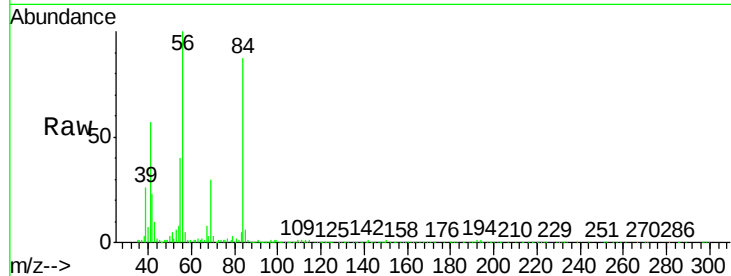
ClientSampleId :

VX0821WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	30.0	24.8	37.2	
84	86.4	67.9	101.9	

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.994 ug/l

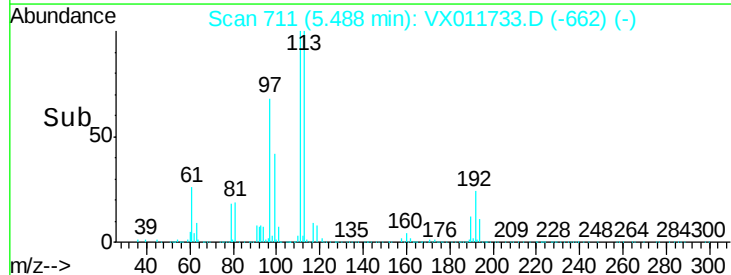
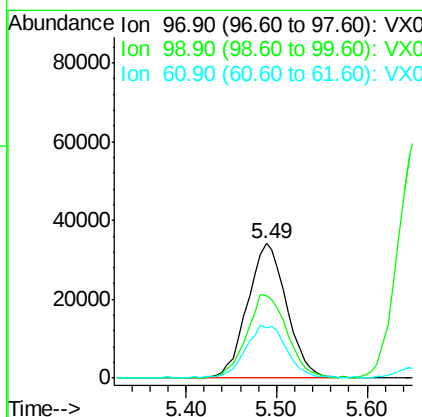
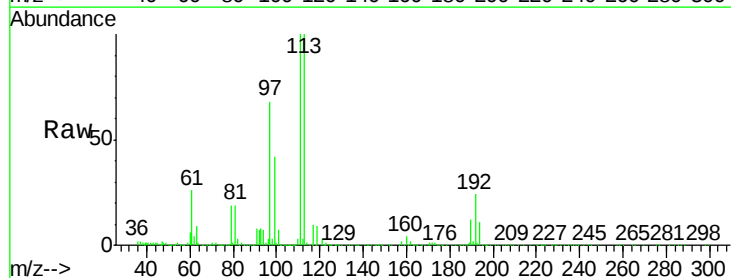
RT: 5.49 min Scan# 711

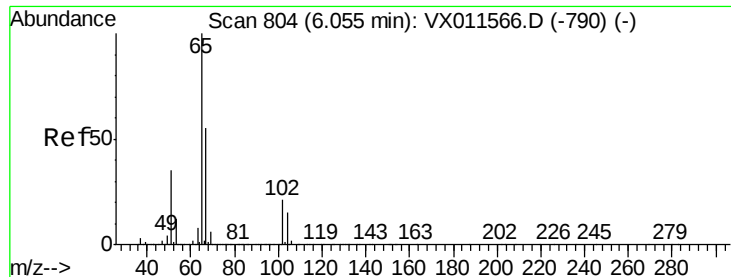
Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.4	51.4	77.0	
61	40.6	31.4	47.2	





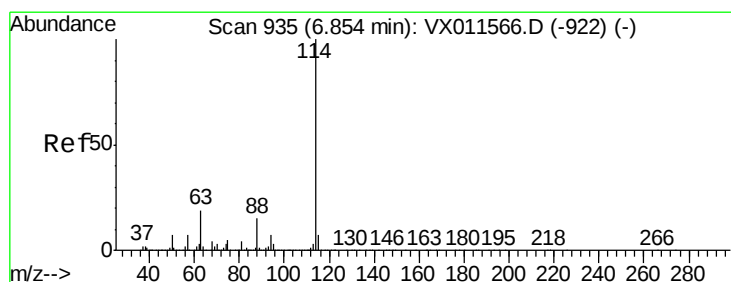
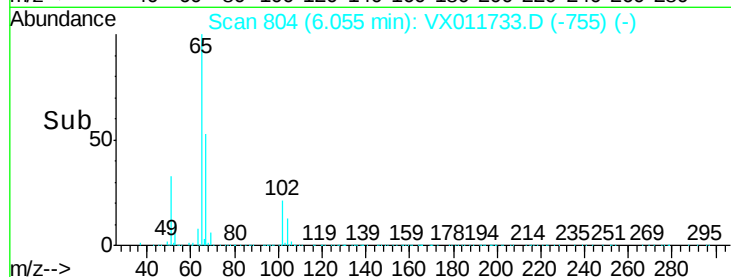
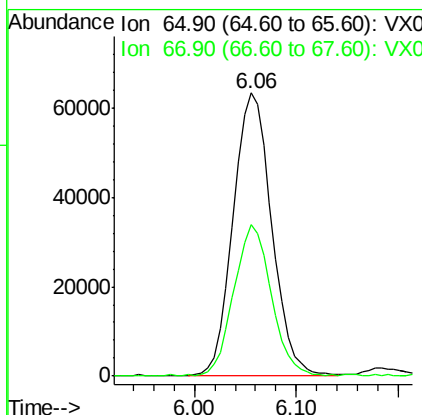
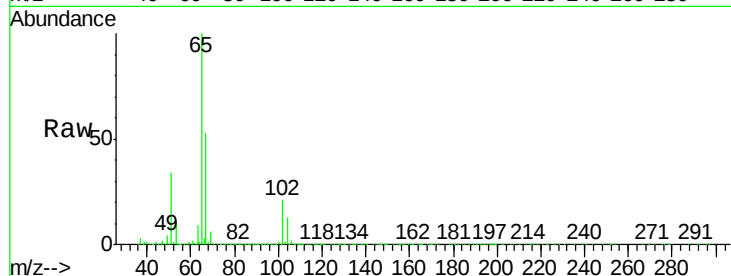
#33
 1,2-Dichloroethane-d4
 Concen: 51.235 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011733.D
 Acq: 21 Aug 2019 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	166268		
67	51.5	0.0	107.6	

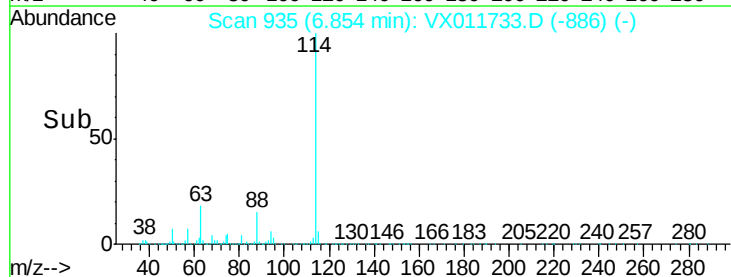
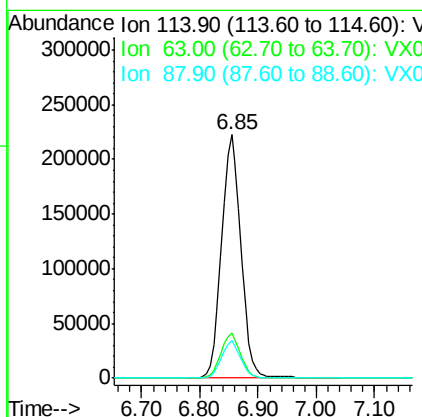
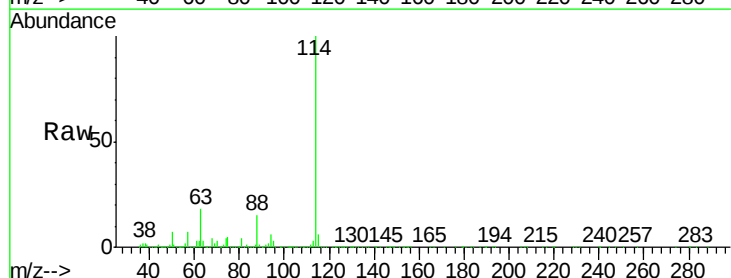
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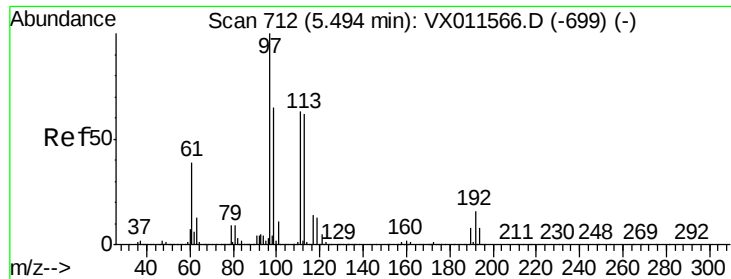
MMDadoda
 8/22/2019 10:01:09 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011733.D
 Acq: 21 Aug 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	513951		
63	18.3	0.0	37.8	
88	15.3	0.0	30.2	





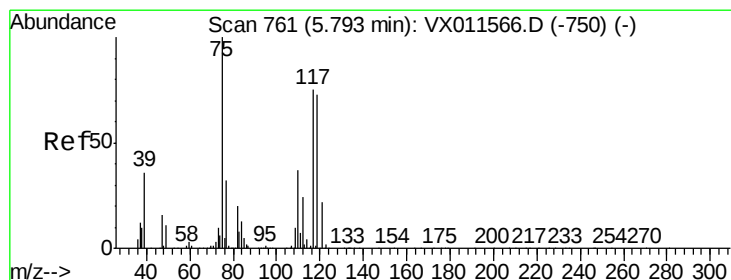
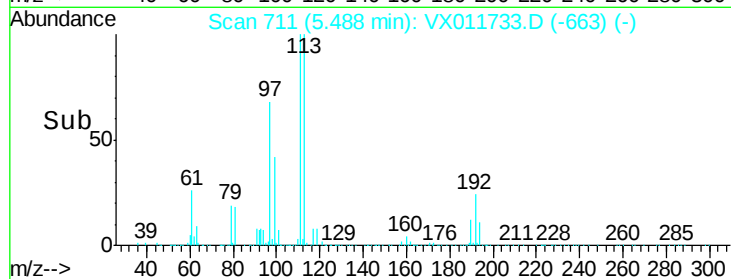
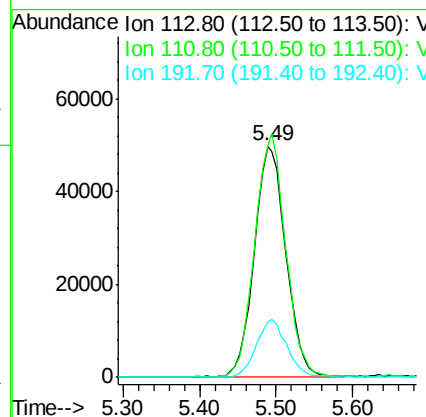
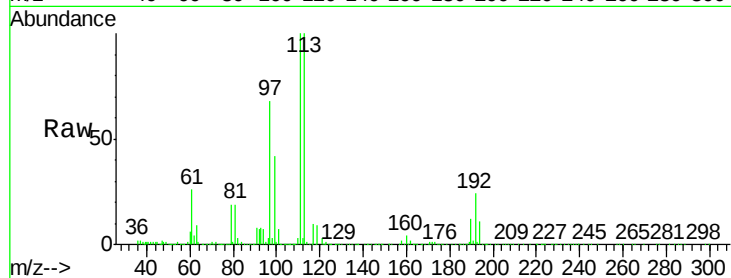
#35
 Dibromofluoromethane
 Concen: 42.849 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011733.D
 Acq: 21 Aug 2019 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	144040		
111	102.3	81.1	121.7	
192	24.5	20.8	31.2	

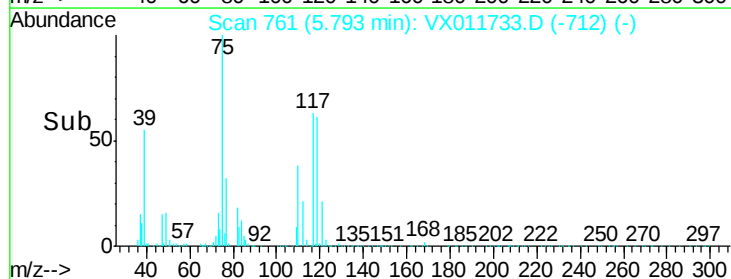
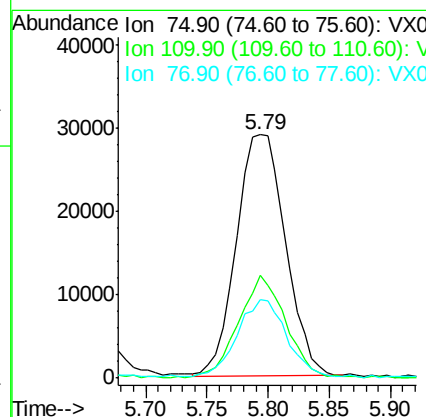
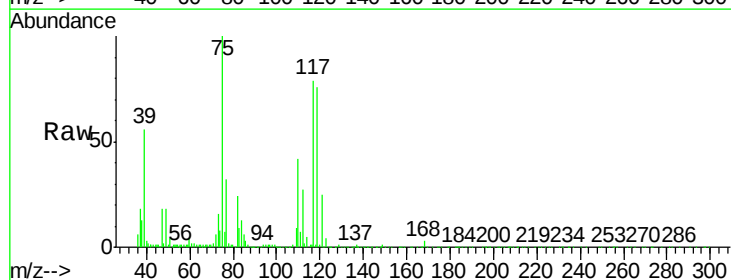
Manual Integrations
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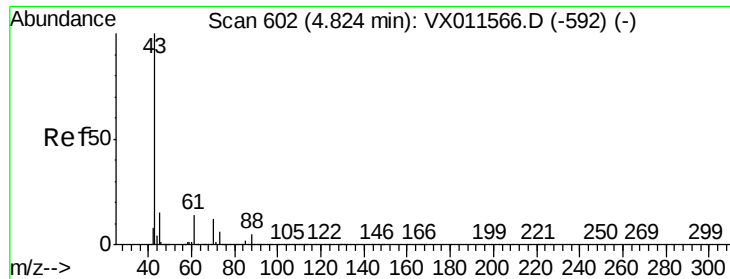
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#36
 1,1-Dichloropropene
 Concen: 18.295 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: VX011733.D
 Acq: 21 Aug 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	80391		
110	40.2	19.4	58.1	
77	32.3	25.1	37.7	





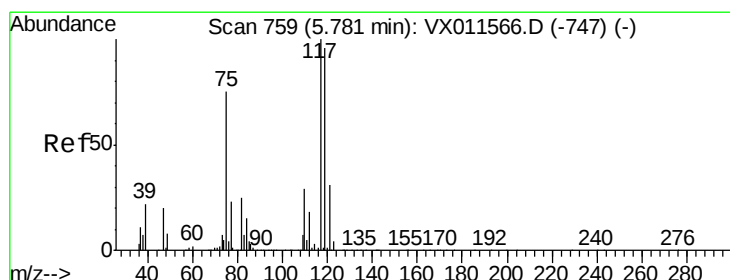
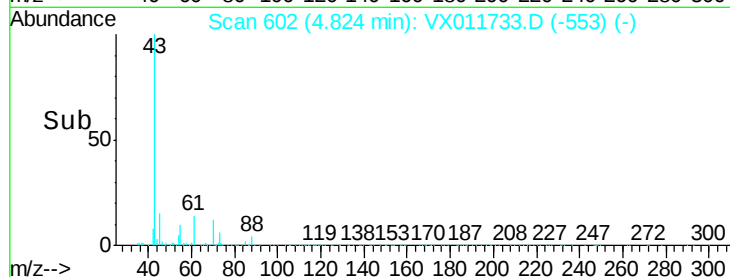
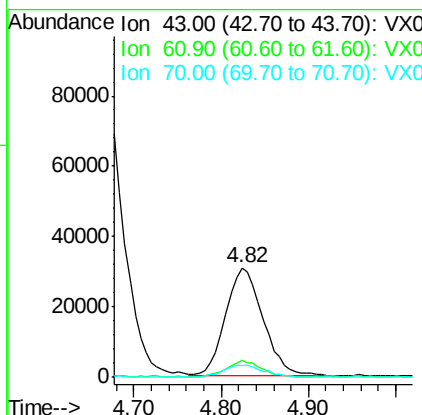
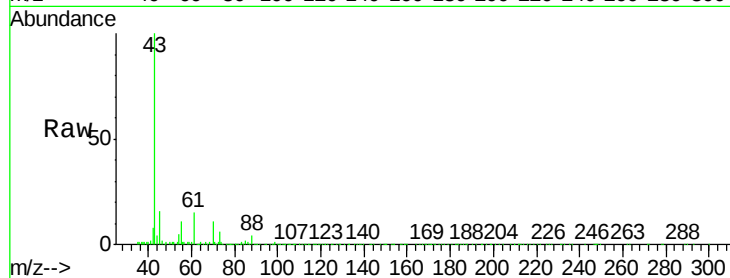
#37
Ethyl Acetate
Concen: 18.102 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tot Ion	43	Resp	91491
Ion Ratio	Lower	Upper	
43	100		
61	14.0	11.4	17.0
70	12.3	9.0	13.6

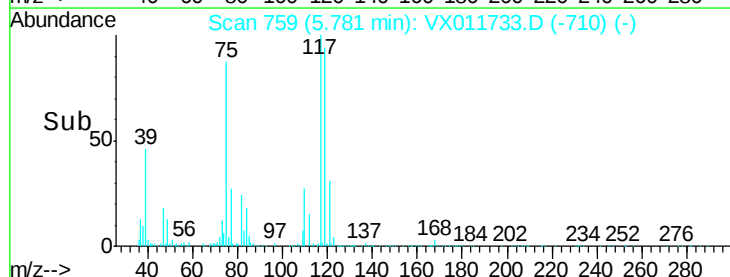
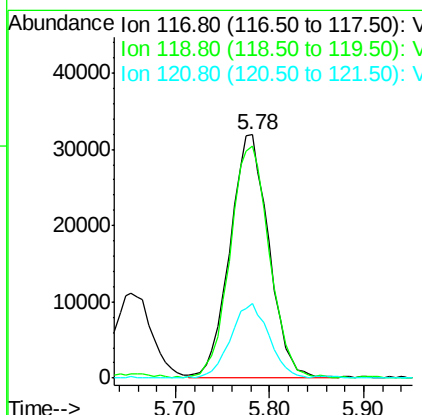
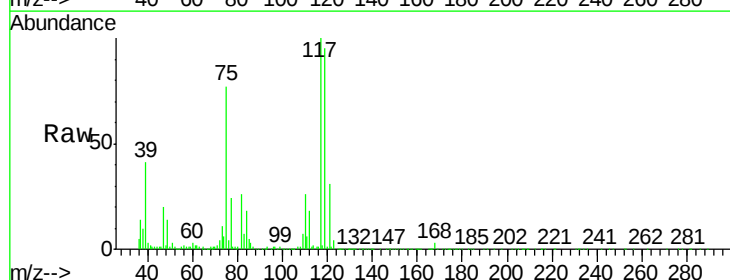
Manual Integrations
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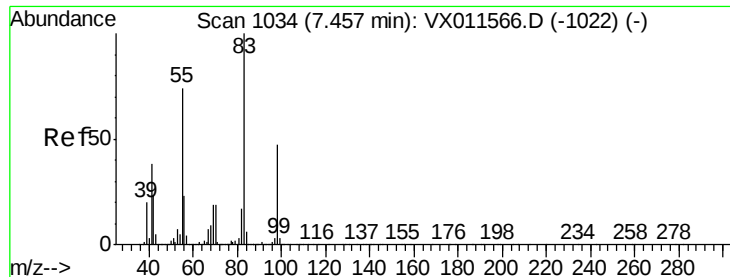
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#38
Carbon Tetrachloride
Concen: 18.855 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Tgt Ion	117	Resp	91282
Ion Ratio	Lower	Upper	
117	100		
119	95.0	76.9	115.3
121	30.5	24.8	37.2





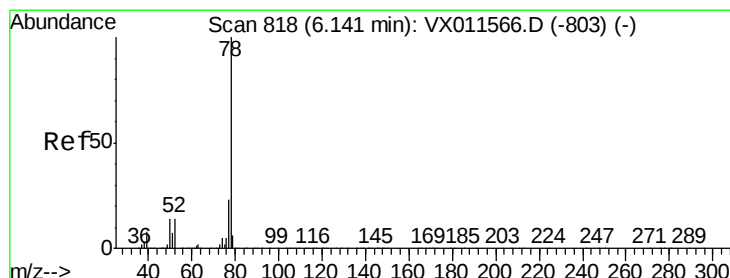
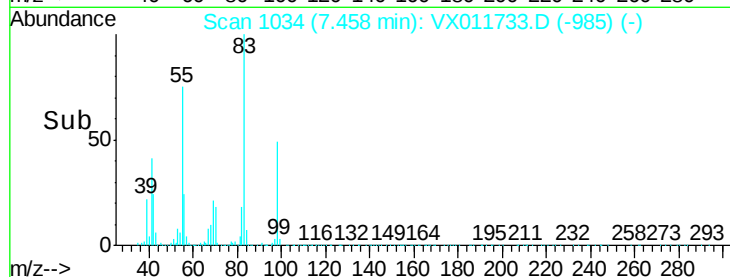
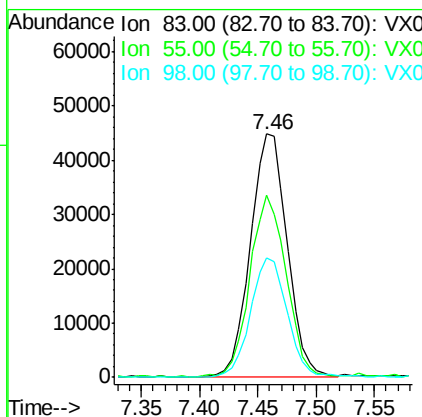
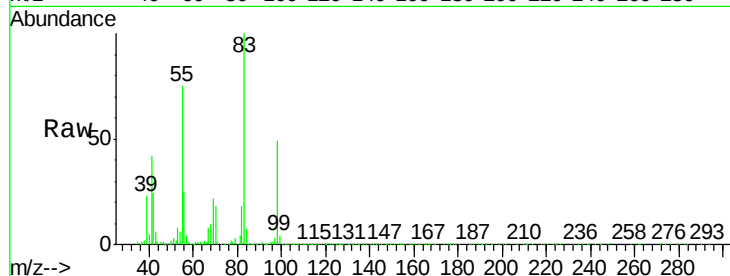
#39
Methvlcvclohexane
Concen: 18.022 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.8	58.8	88.2
98	48.9	37.8	56.6

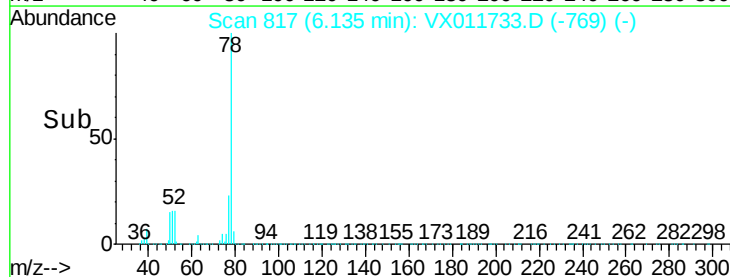
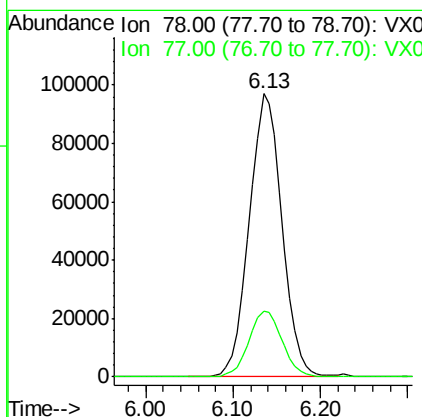
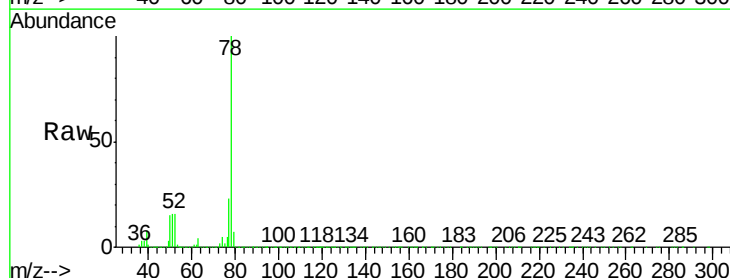
Manual Integrations
APPROVED

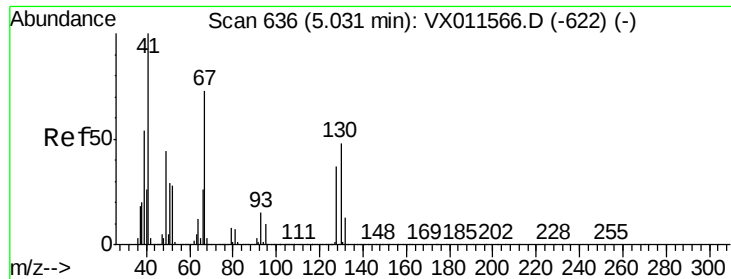
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#40
Benzene
Concen: 18.467 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	28.0





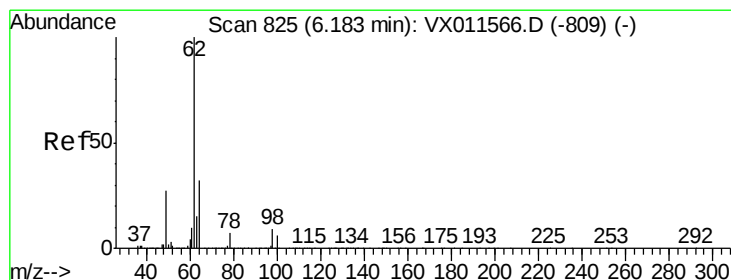
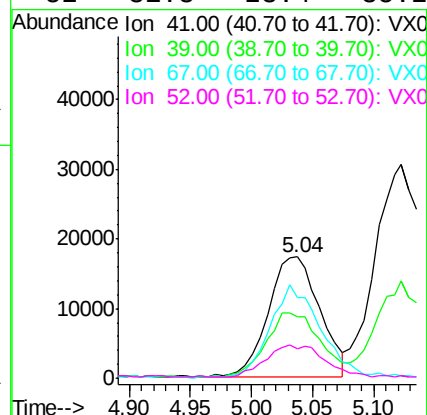
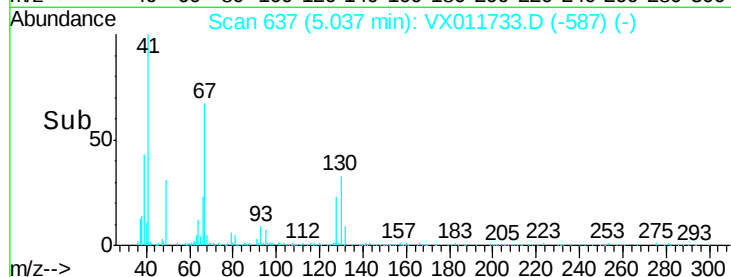
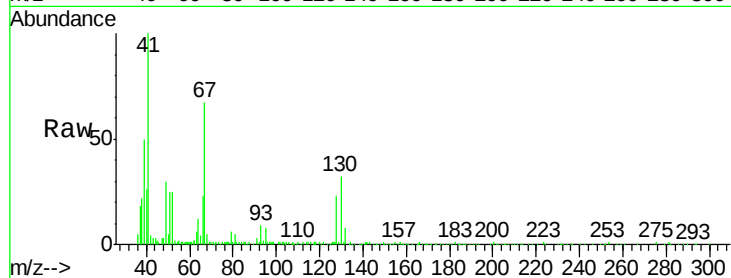
#41
Methacrylonitrile
Concen: 18.020 ug/l
RT: 5.04 min Scan# 637
Delta R.T. 0.01 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.5	43.5	65.3	
67	77.8	59.4	89.2	
52	31.3	23.4	35.2	

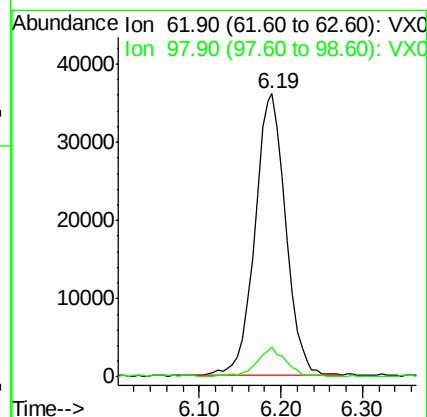
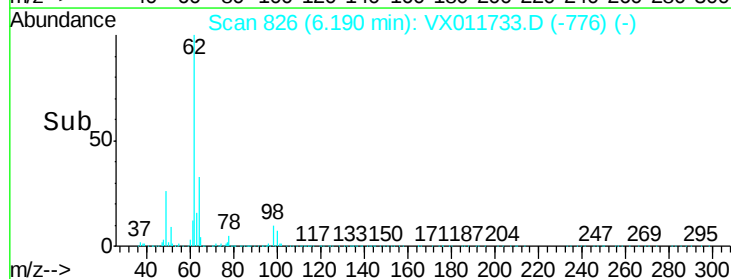
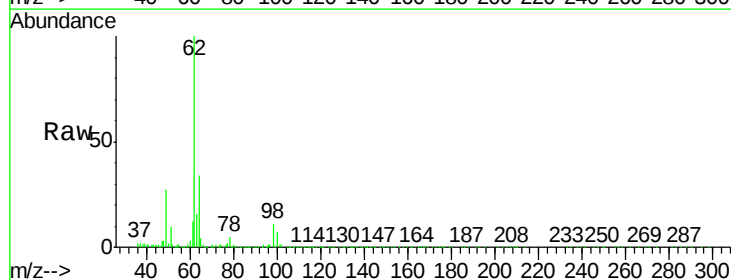
Manual Integrations
APPROVED

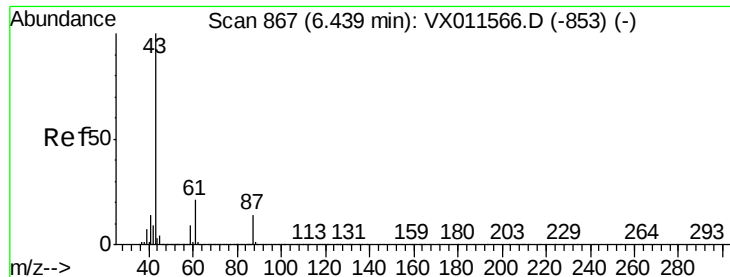
MMDadoda
8/22/2019 10:01:09 AM



#42
1,2-Dichloroethane
Concen: 20.063 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.01 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	19.4	





#43

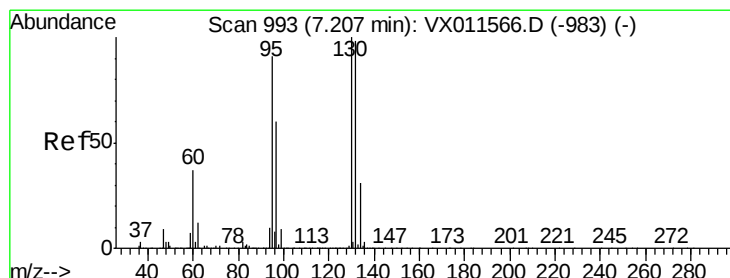
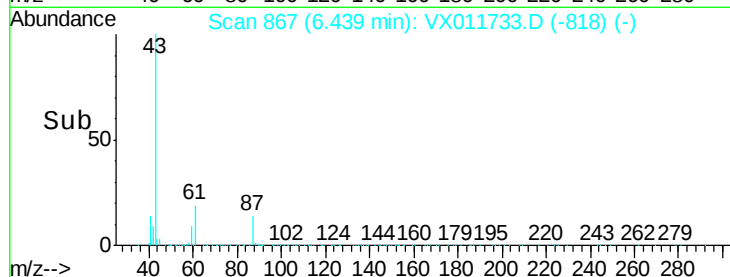
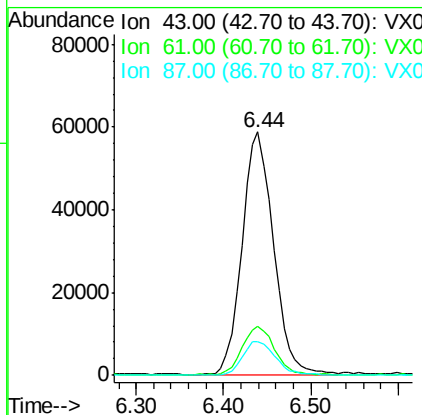
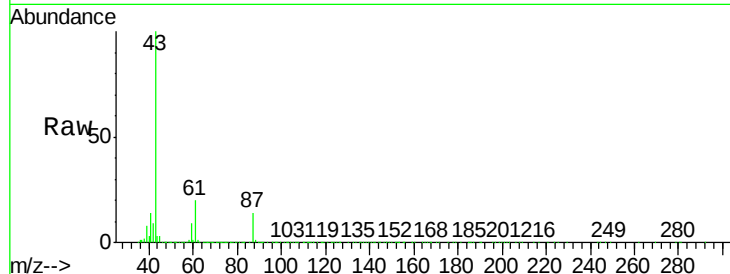
Isopropyl Acetate
 Concen: 18.598 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VX011733.D
 Acq: 21 Aug 2019 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.6	24.8
87	14.4	11.4	17.2

Manual Integrations
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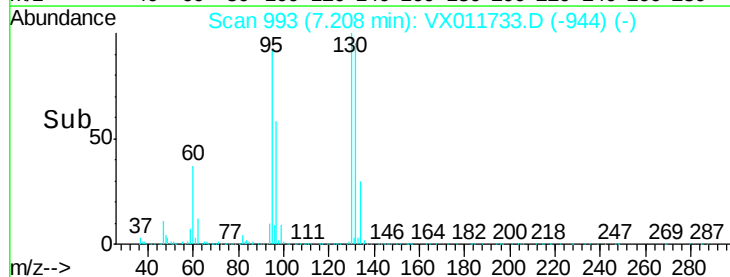
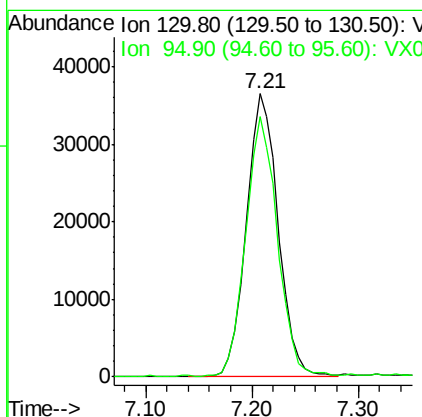
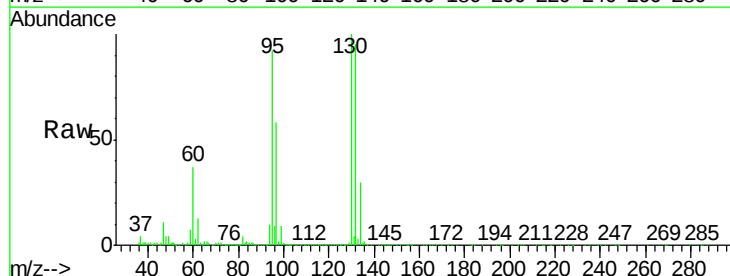
MMDadoda
 8/22/2019 10:01:09 AM

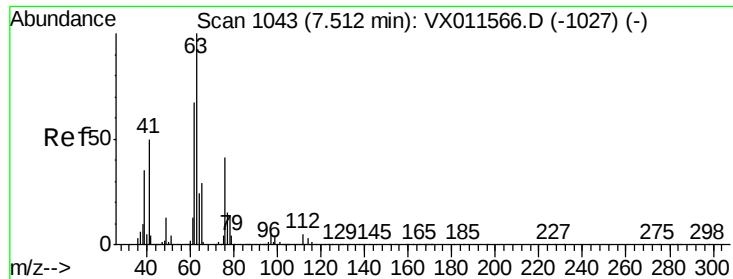


#44

Trichloroethene
 Concen: 18.998 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX011733.D
 Acq: 21 Aug 2019 15:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	181.4





#45

1,2-Dichloropropane

Concen: 19.304 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Instrument :

MSVOA_X

ClientSampled :

VX0821WBSD01

Tot Ion: 63 Resp: 65739

Ion Ratio Lower Upper

63 100

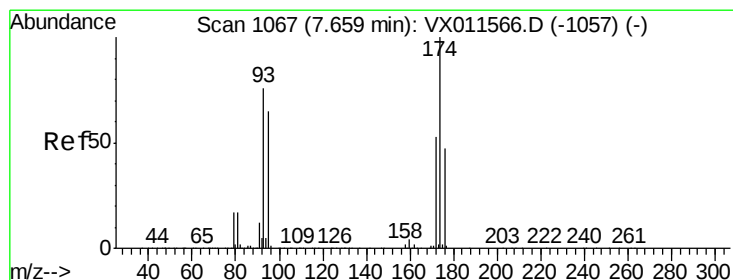
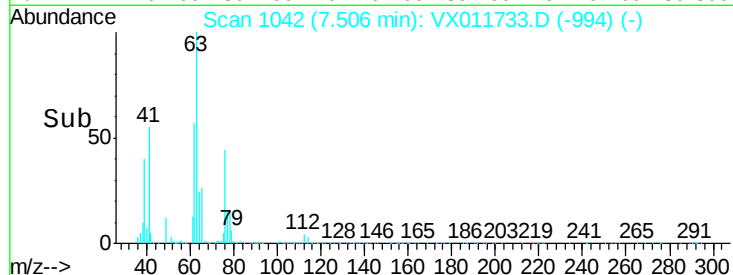
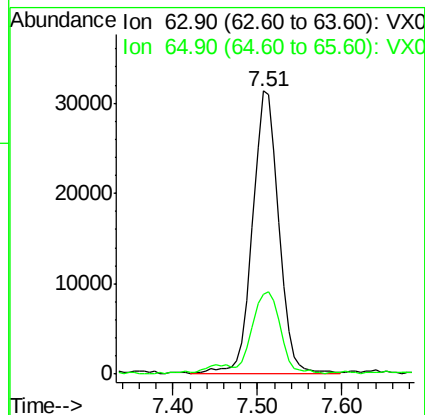
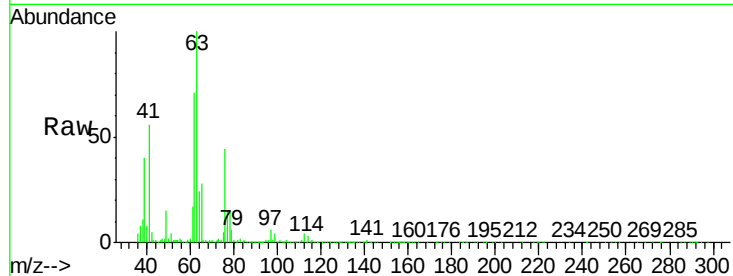
65 28.0 23.4 35.2

Manual Integrations

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#46

Dibromomethane

Concen: 18.878 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

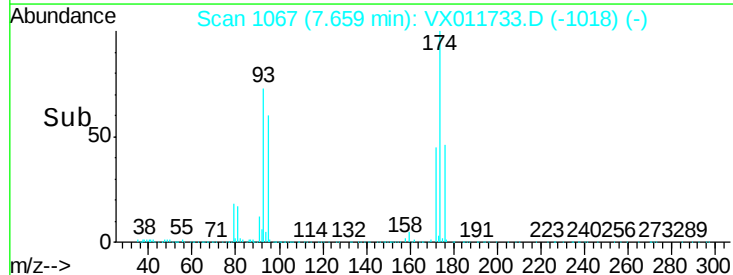
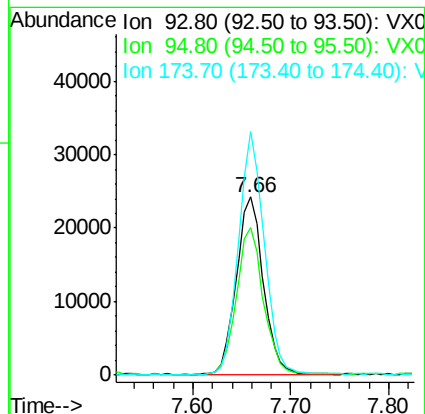
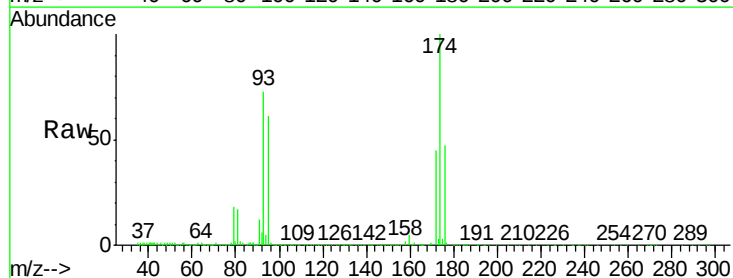
Tgt Ion: 93 Resp: 46720

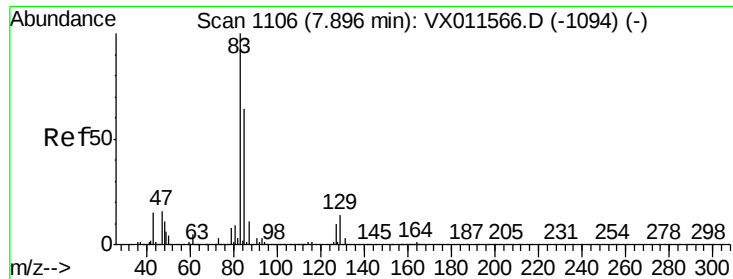
Ion Ratio Lower Upper

93 100

95 81.7 67.2 100.8

174 131.3 105.5 158.3





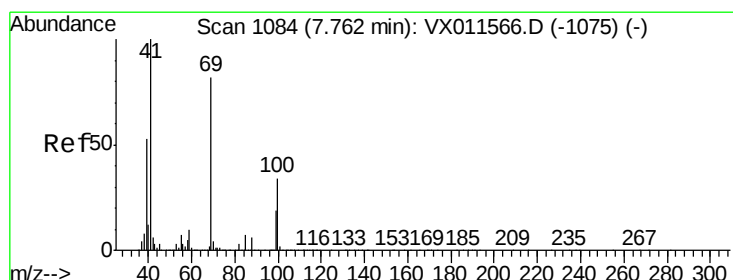
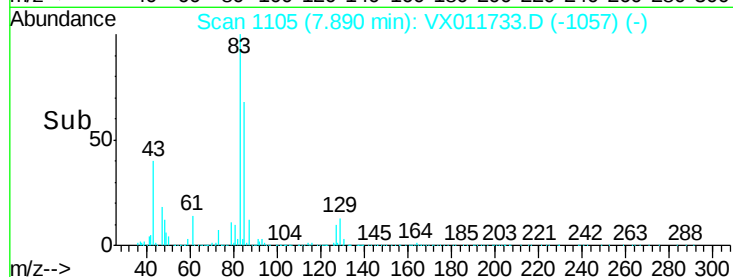
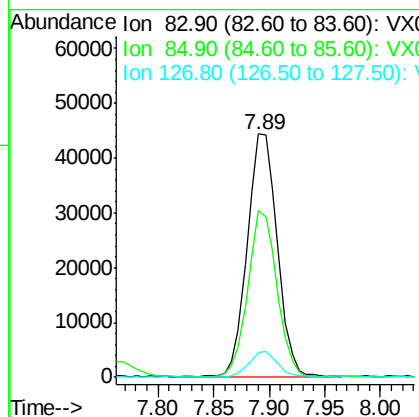
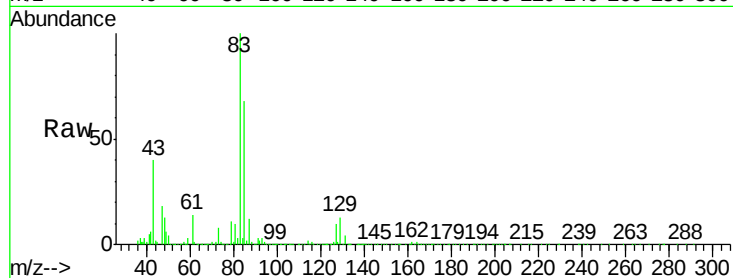
#47
 Bromodichloromethane
 Concen: 18.410 ug/l
 RT: 7.89 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: VX011733.D
 Acq: 21 Aug 2019 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	67.8	51.2	76.8	
127	9.9	8.1	12.1	

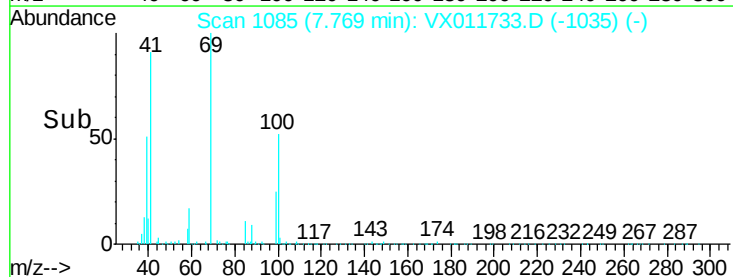
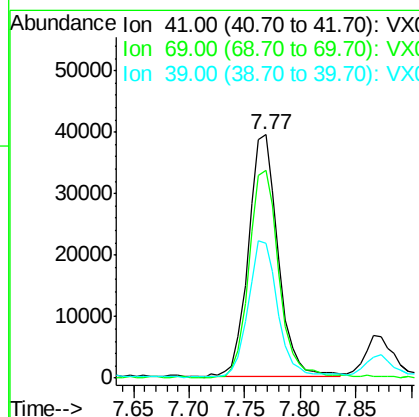
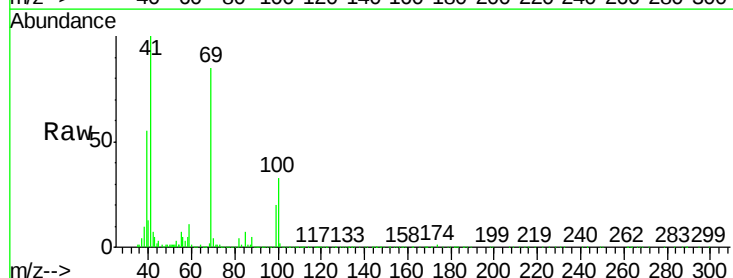
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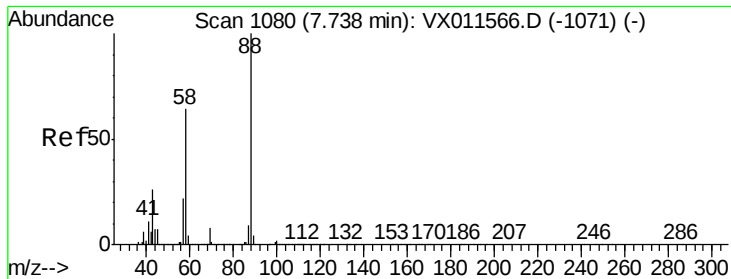
MMDadoda
 8/22/2019 10:01:09 AM



#48
 Methyl methacrylate
 Concen: 18.769 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: VX011733.D
 Acq: 21 Aug 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	87.4	67.9	101.9	
39	55.4	41.6	62.4	





#49

1,4-Dioxane

Concen: 354.443 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Instrument :

MSVOA_X

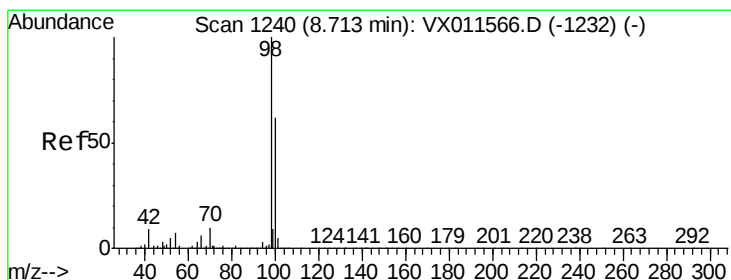
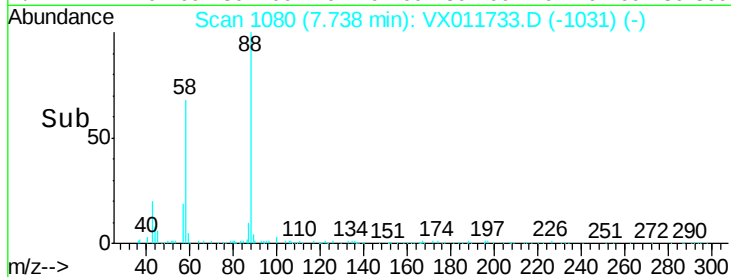
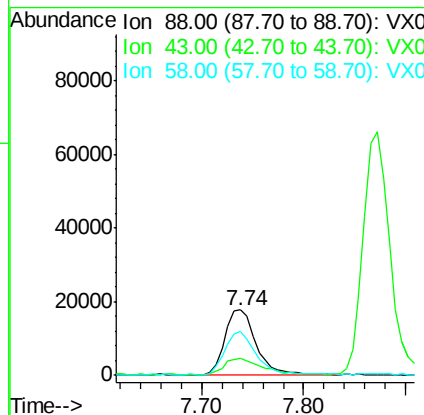
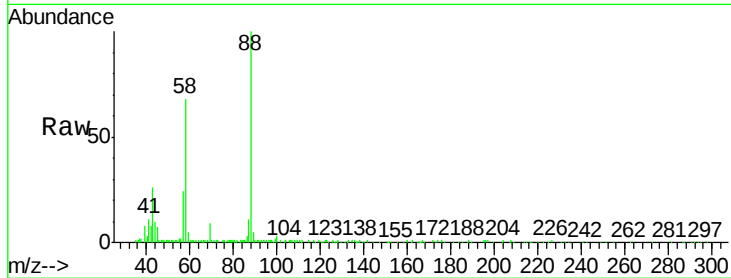
ClientSampleId :

VX0821WBSD01

Tot Ion:	88	Resp:	36824
Ion	Ratio	Lower	Upper
88	100		
43	30.7	23.4	35.0
58	67.4	54.3	81.5

Manual Integrations
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#50

Toluene-d8

Concen: 43.269 ug/l

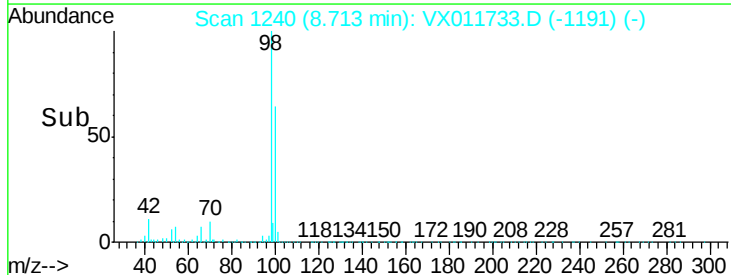
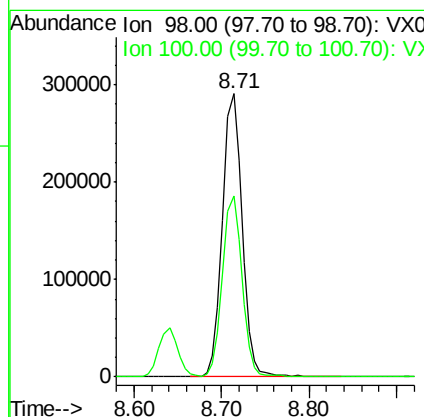
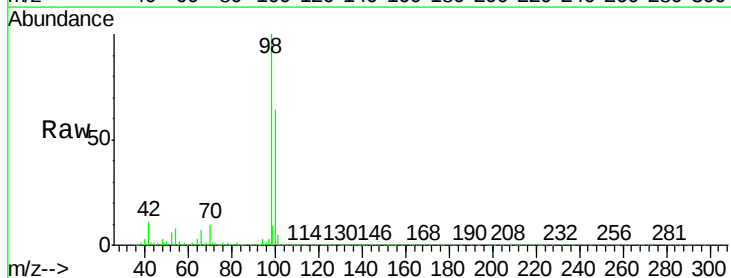
RT: 8.71 min Scan# 1240

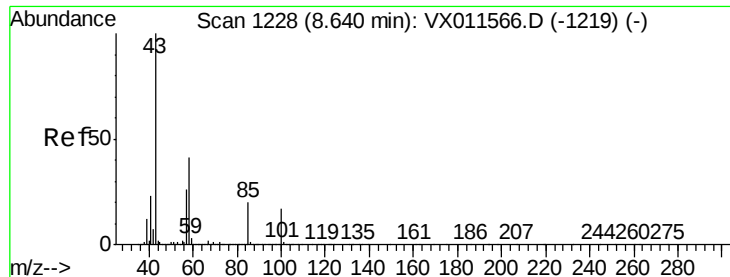
Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Tgt Ion:	98	Resp:	453206
Ion	Ratio	Lower	Upper
98	100		
100	63.6	52.4	78.6





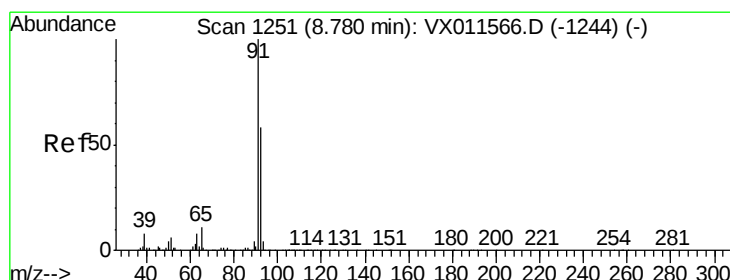
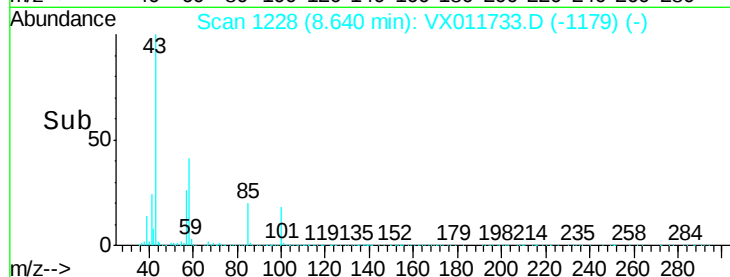
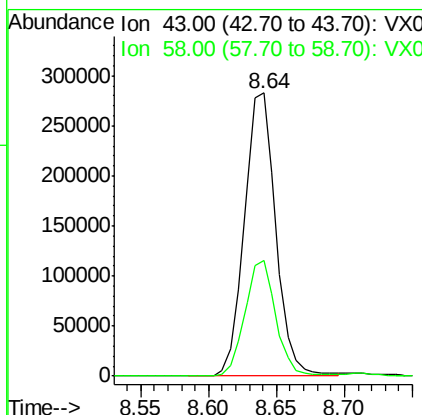
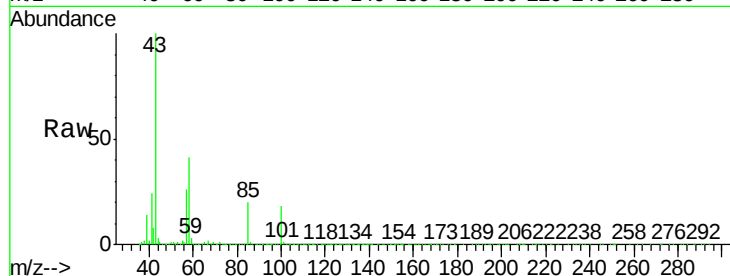
#51
4-Methyl-2-Pentanone
Concen: 88.754 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.8	47.6

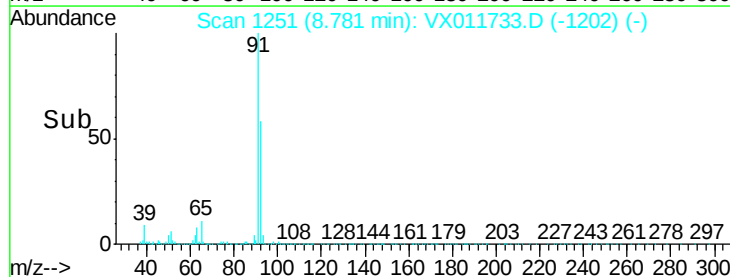
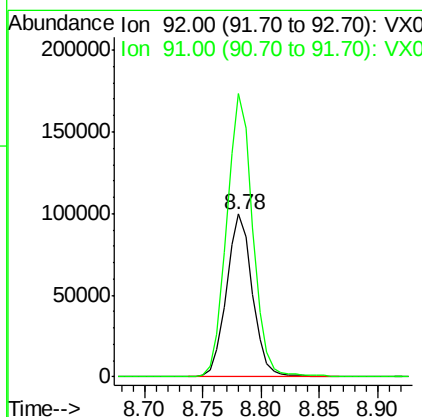
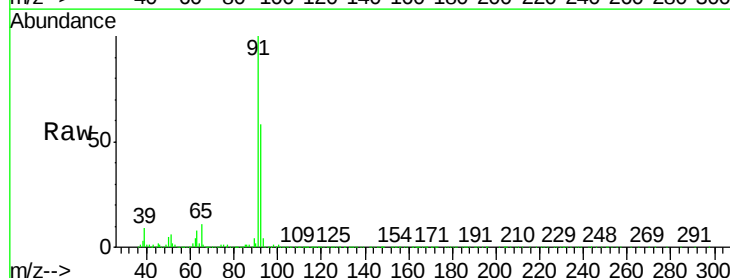
Manual Integrations
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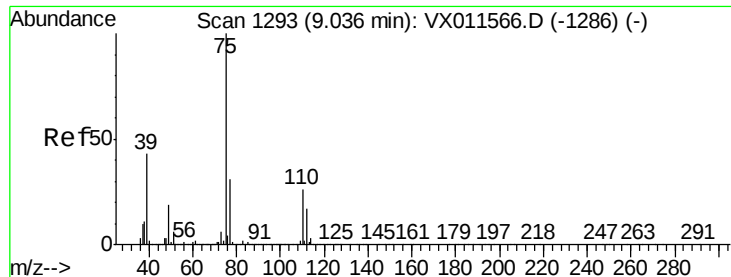
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#52
Toluene
Concen: 17.785 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.7	138.0	207.0





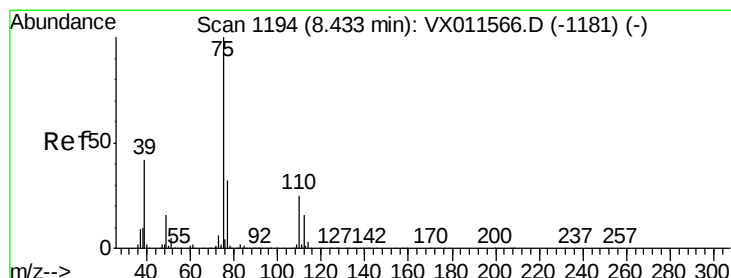
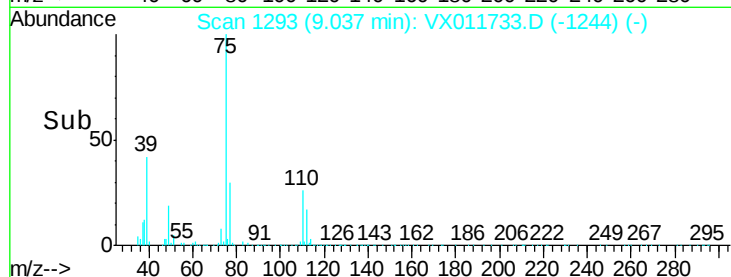
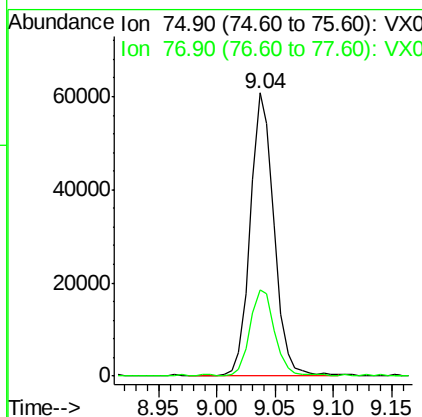
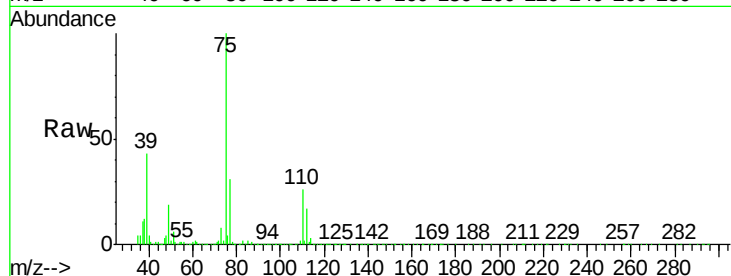
#53
t-1,3-Dichloropropene
Concen: 18.277 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Instrument :
MSVOA_X
ClientSampled :
VX0821WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.1	37.7

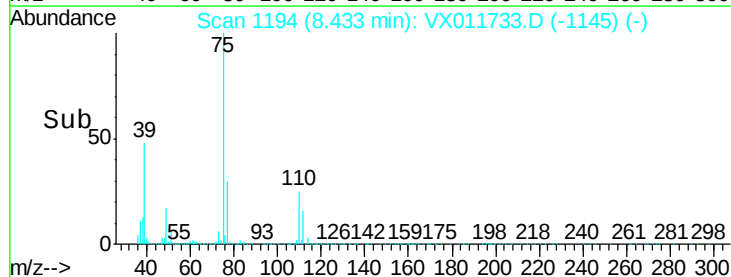
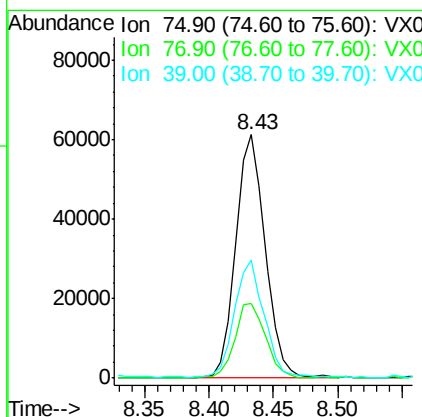
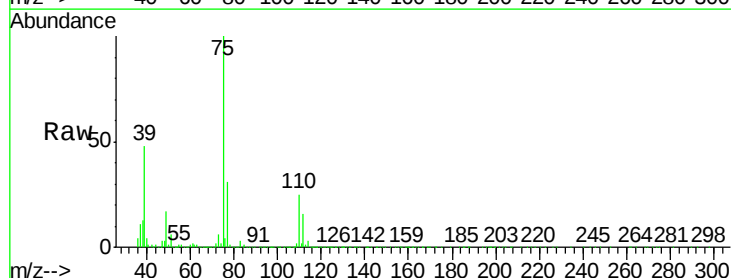
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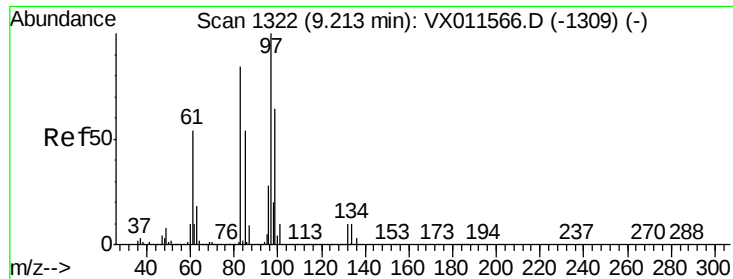
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.830 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.5	38.3
39	48.0	33.6	50.4





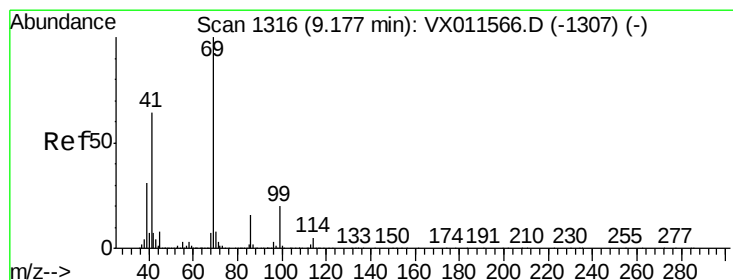
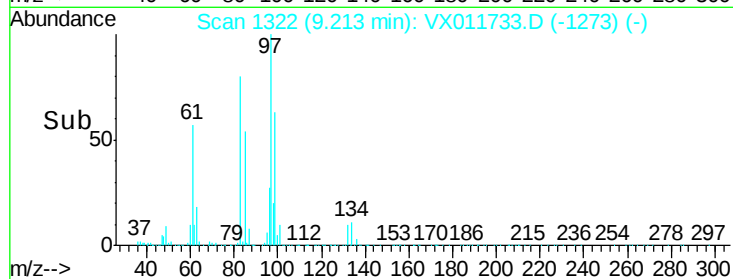
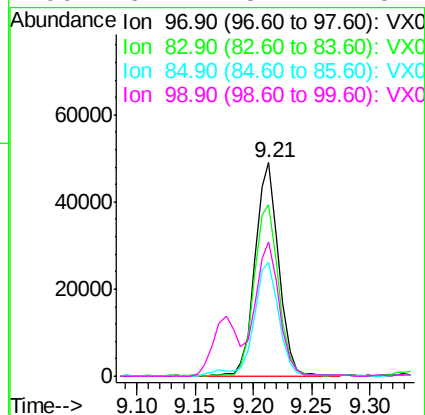
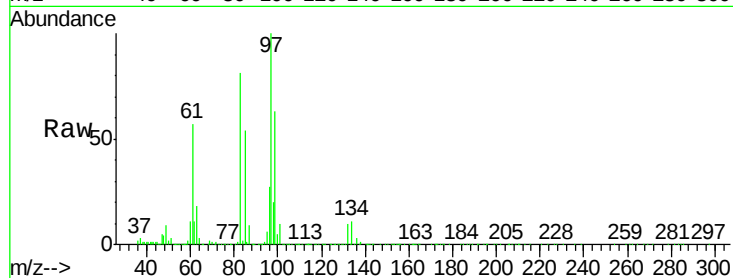
#55
 1,1,2-Trichloroethane
 Concen: 18.903 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011733.D
 Acq: 21 Aug 2019 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		69931		
83	80.1	67.4	101.0		
85	53.3	43.4	65.2		
99	62.7	51.1	76.7		

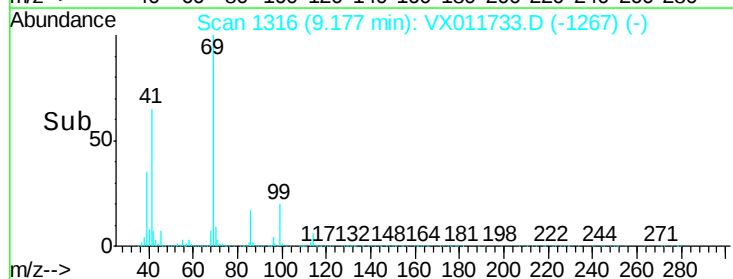
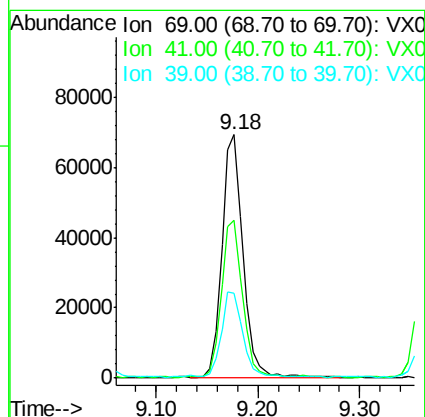
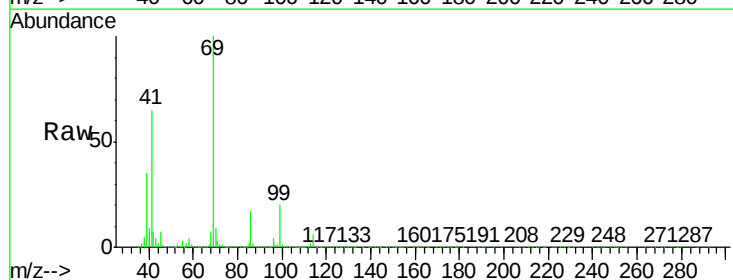
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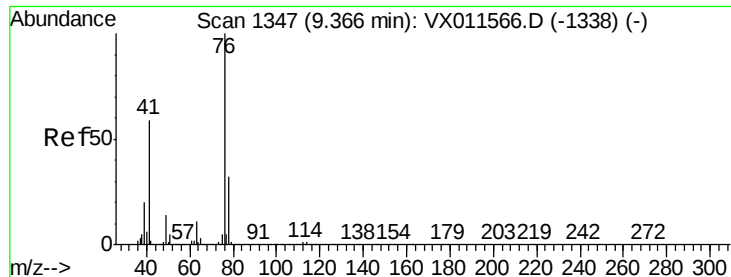
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 8/22/2019 10:01:09 AM



#56
 Ethyl methacrylate
 Concen: 18.411 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011733.D
 Acq: 21 Aug 2019 15:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		98999		
41	64.6	52.1	78.1		
39	36.3	25.4	38.0		





#57

1,3-Dichloropropane

Concen: 18.987 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

Tot Ion: 76 Resp: 111658

Ion Ratio Lower Upper

76 100

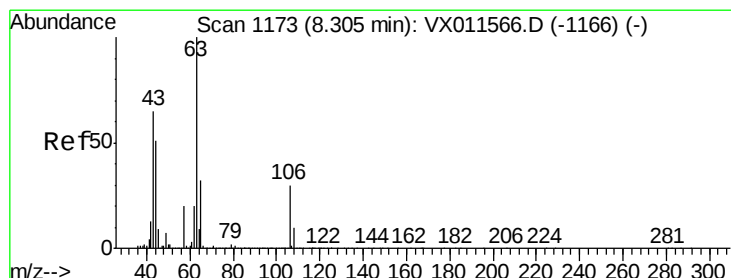
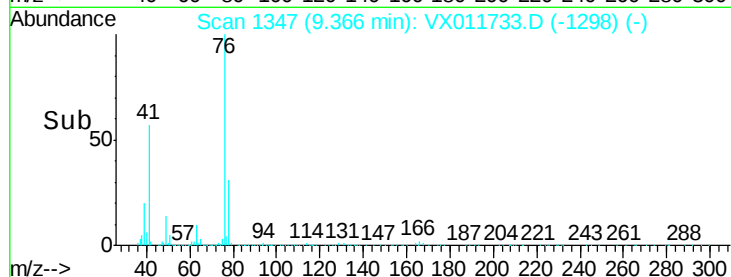
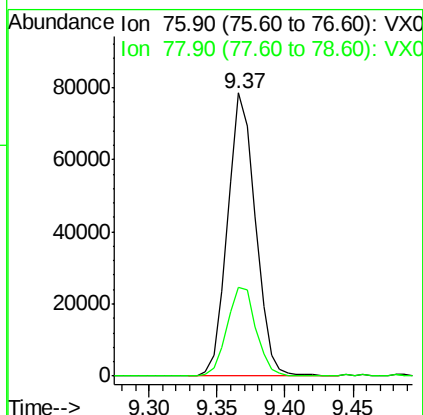
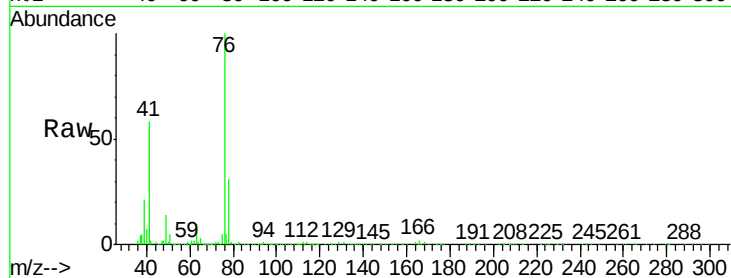
78 33.0 26.2 39.4

Manual Integrations

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8/22/2019 10:01:09 AM



#58

2-Chloroethyl Vinyl ether

Concen: 91.266 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011733.D

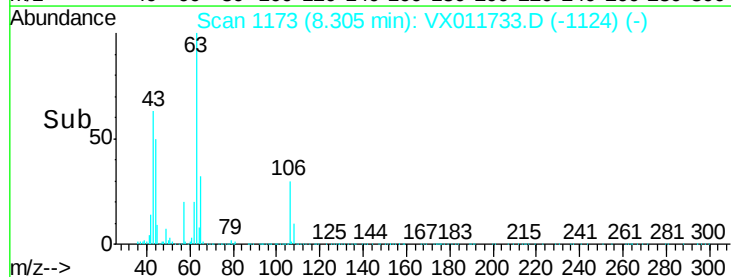
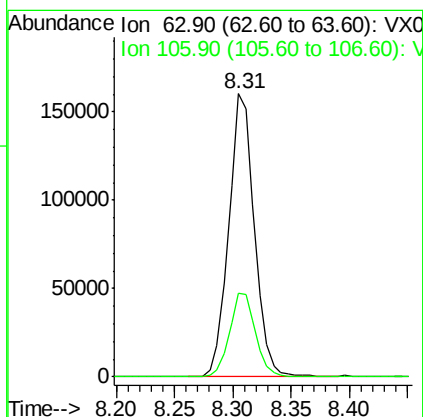
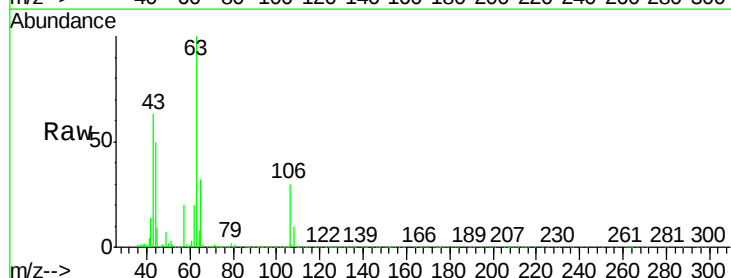
Acq: 21 Aug 2019 15:31

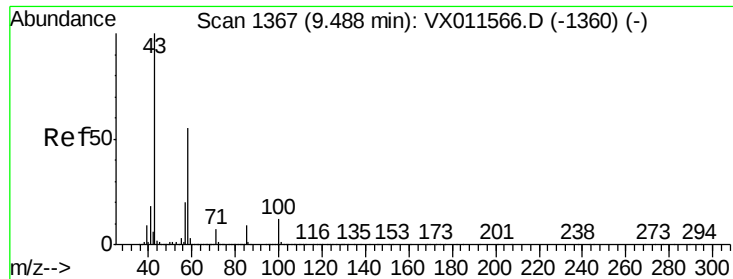
Tgt Ion: 63 Resp: 244520

Ion Ratio Lower Upper

63 100

106 30.0 24.7 37.1





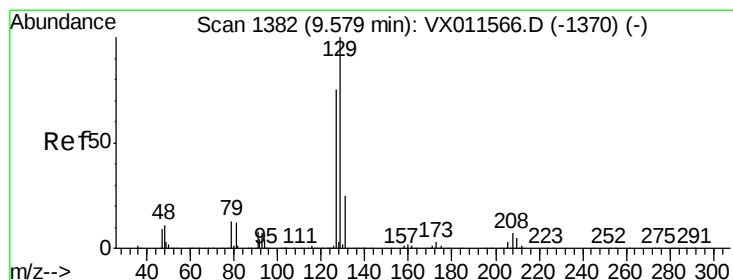
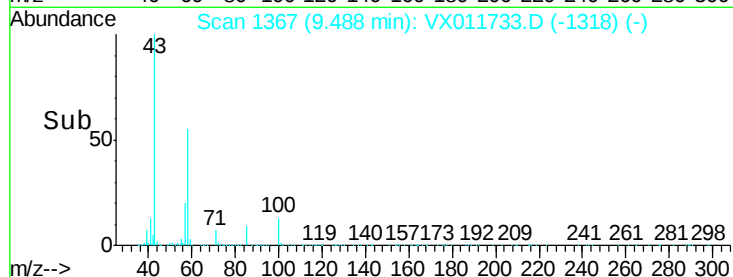
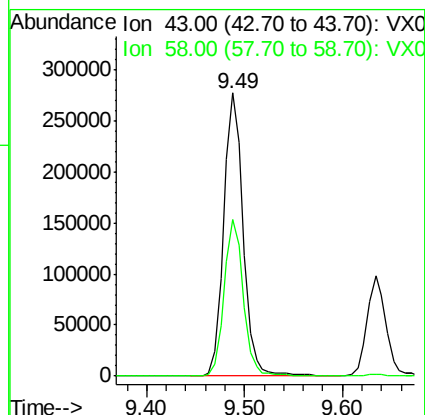
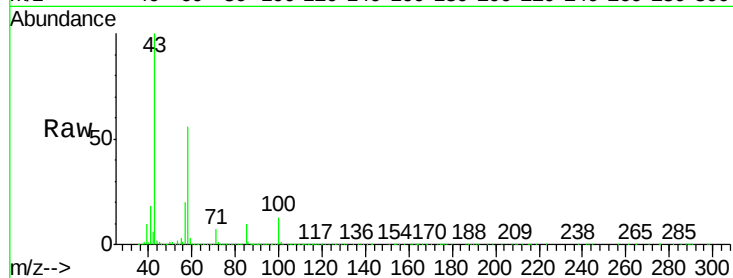
#59
2-Hexanone
Concen: 95.430 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tot Ion: 43 Resp: 379936
Ion Ratio Lower Upper
43 100
58 55.1 27.5 82.4

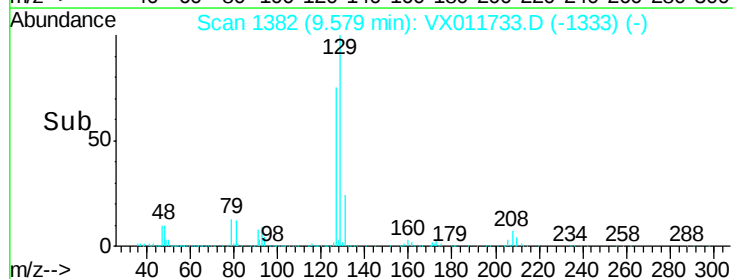
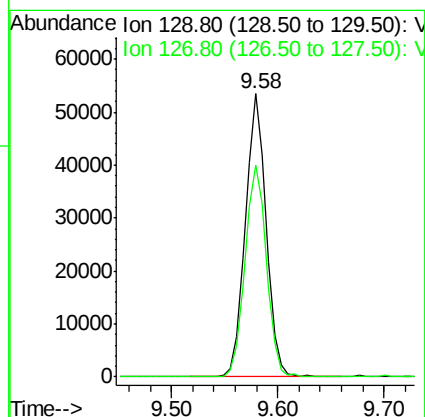
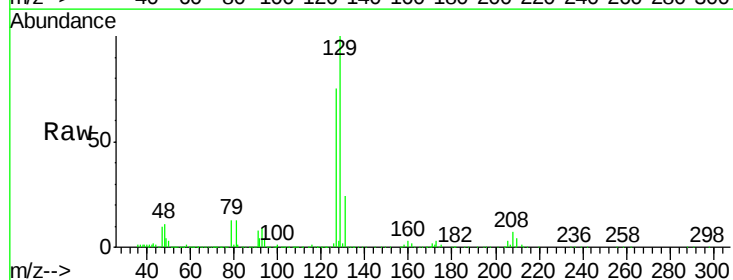
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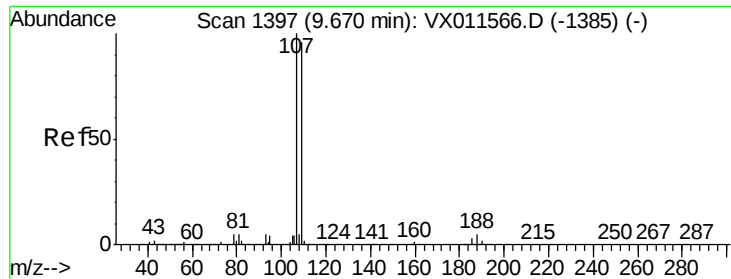
MMDadoda
8/22/2019 10:01:09 AM



#60
Dibromochloromethane
Concen: 18.982 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Tgt Ion: 129 Resp: 73166
Ion Ratio Lower Upper
129 100
127 77.7 38.0 114.1





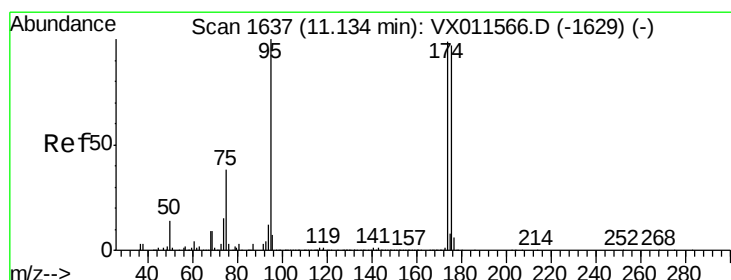
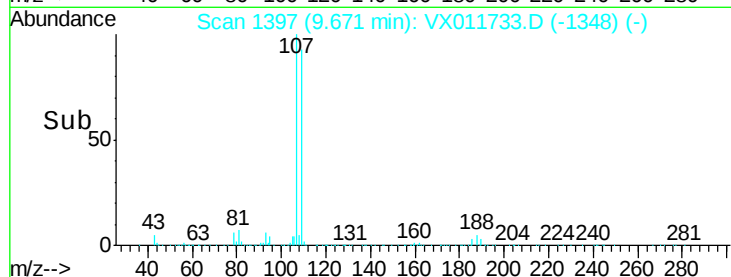
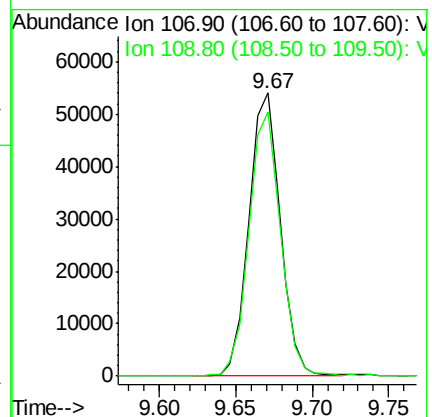
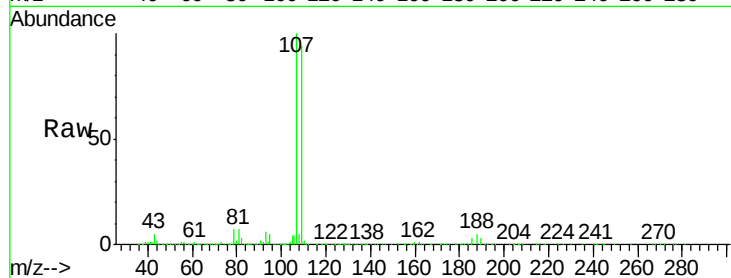
#61
 1,2-Dibromoethane
 Concen: 19.453 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX011733.D
 Acq: 21 Aug 2019 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	76.2	114.2

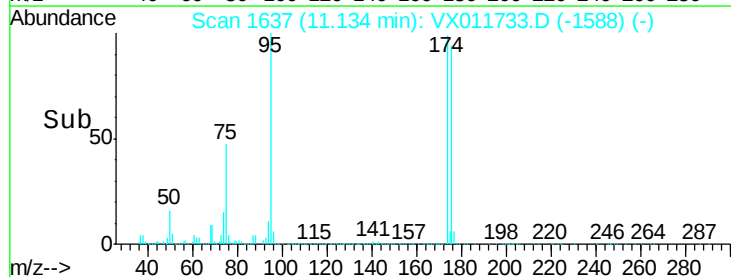
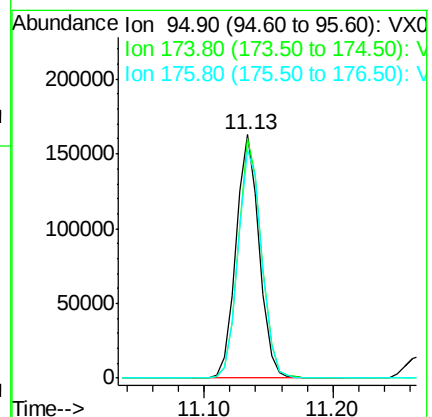
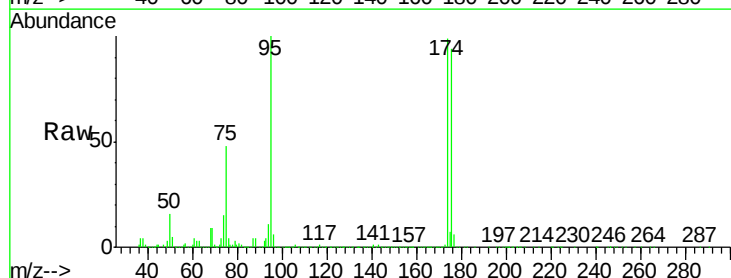
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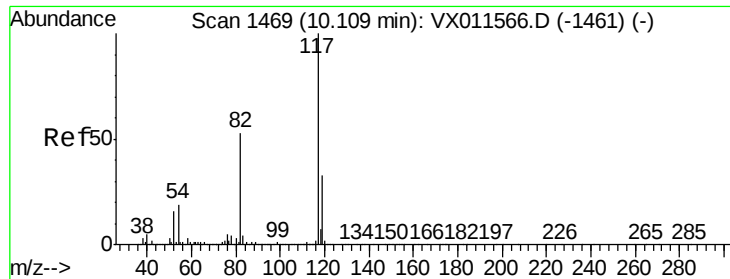
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 8/22/2019 10:01:09 AM



#62
 4-Bromofluorobenzene
 Concen: 46.263 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011733.D
 Acq: 21 Aug 2019 15:31

Tgt Ion	Ratio	Lower	Upper
95	100		
174	98.2	0.0	200.6
176	96.2	0.0	196.6





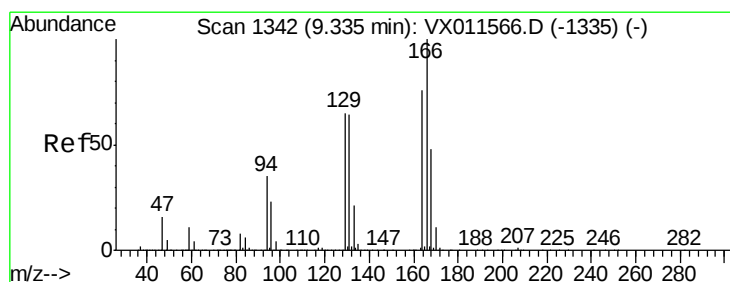
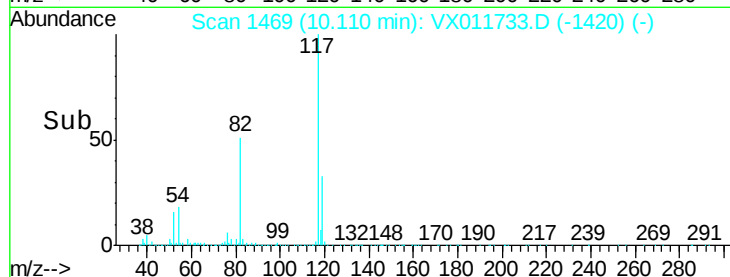
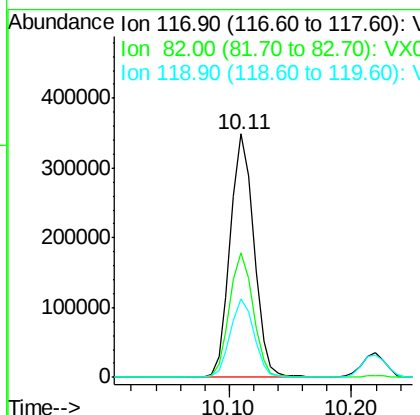
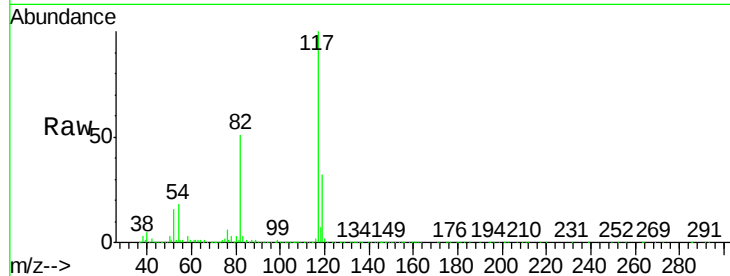
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	468172		
82	51.0	42.0	63.0	
119	32.5	26.5	39.7	

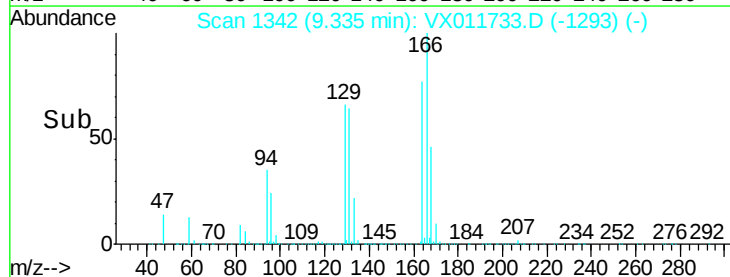
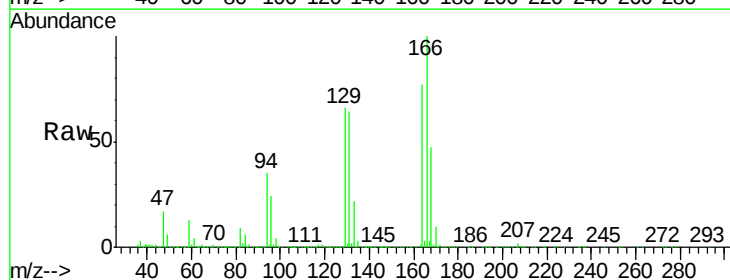
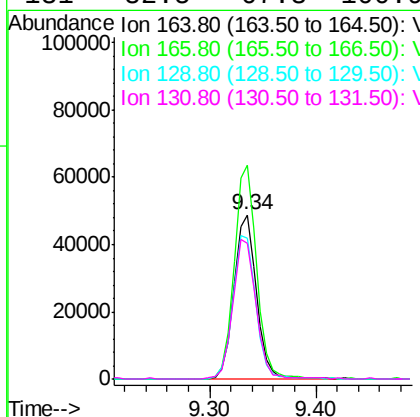
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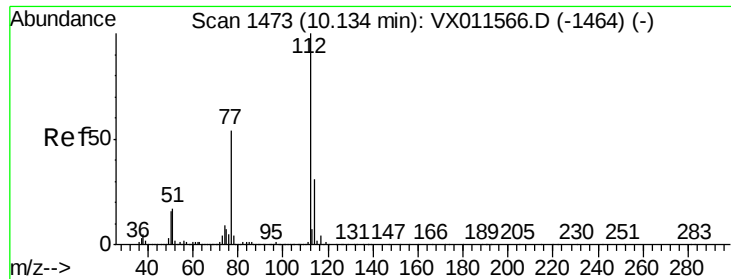
MMDadoda
8/22/2019 10:01:09 AM



#64
Tetrachloroethene
Concen: 18.930 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	72714		
166	130.3	104.7	157.1	
129	85.7	68.2	102.4	
131	82.5	67.3	100.9	





#65

Chlorobenzene

Concen: 19.373 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

Tot Ion:112 Resp: 193454

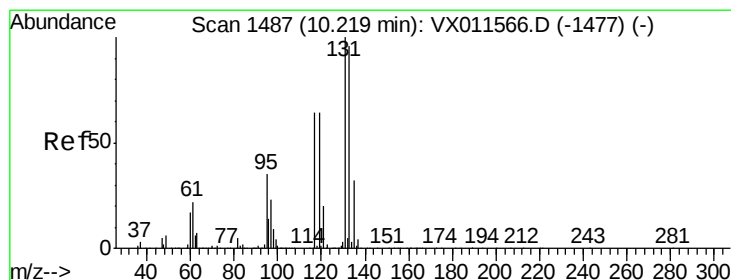
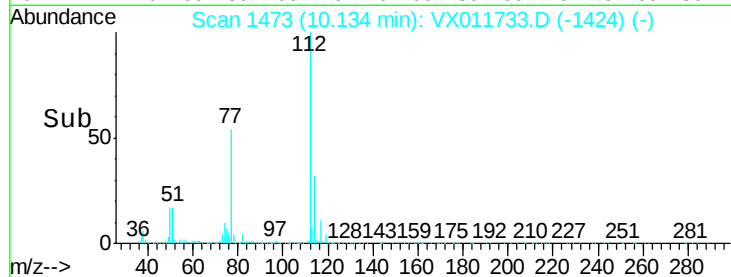
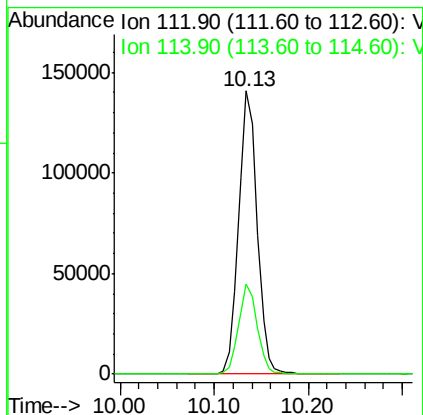
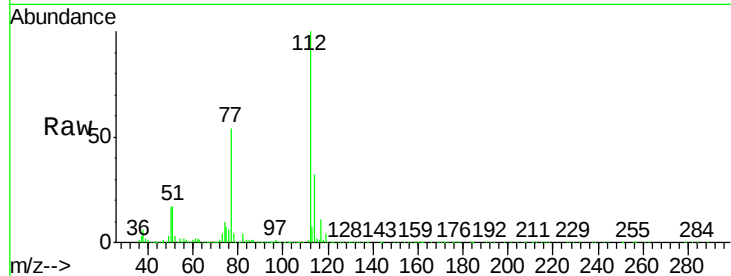
Ion Ratio Lower Upper

112 100

114 31.6 25.0 37.6

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.252 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

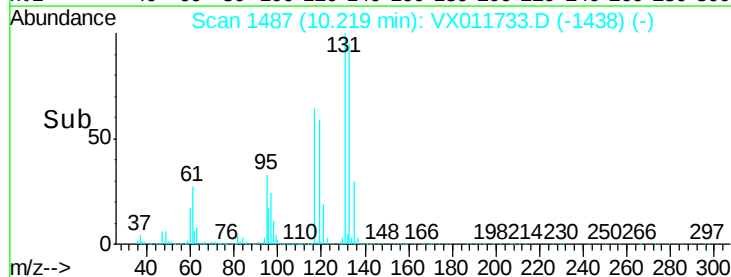
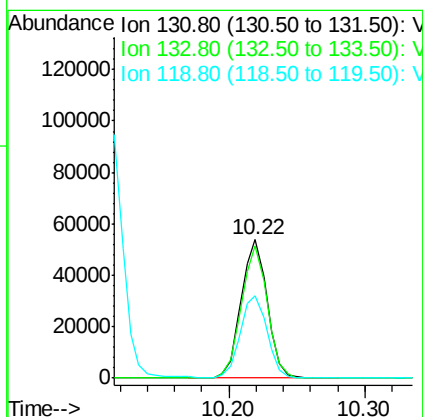
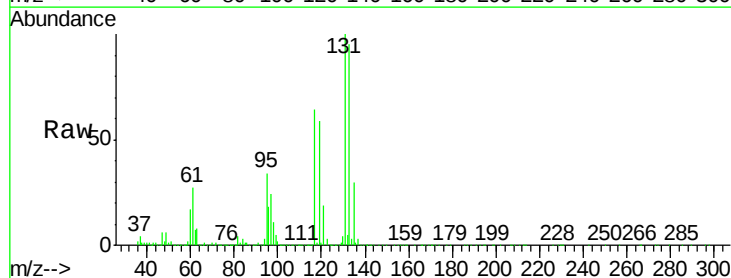
Tgt Ion:131 Resp: 71853

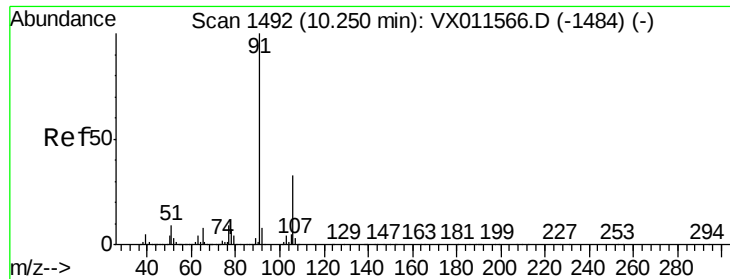
Ion Ratio Lower Upper

131 100

133 96.1 48.1 144.4

119 61.7 31.3 93.8





#67

Ethyl Benzene

Concen: 19.407 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

Tot Ion: 91 Resp: 323415

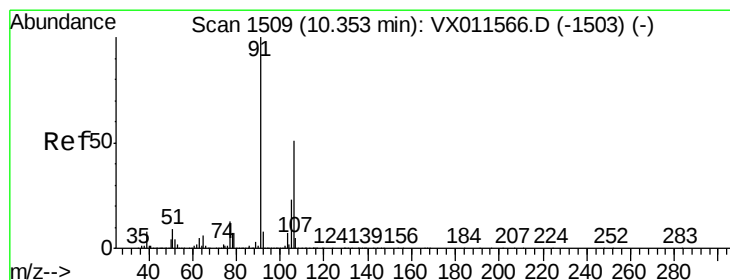
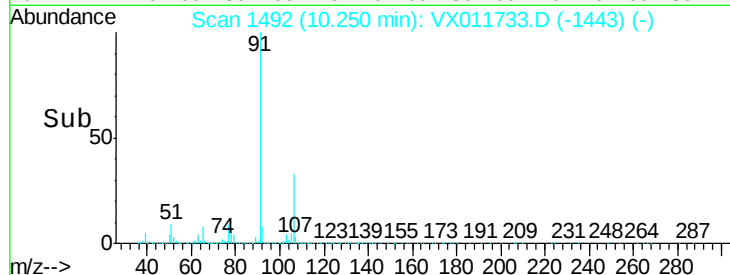
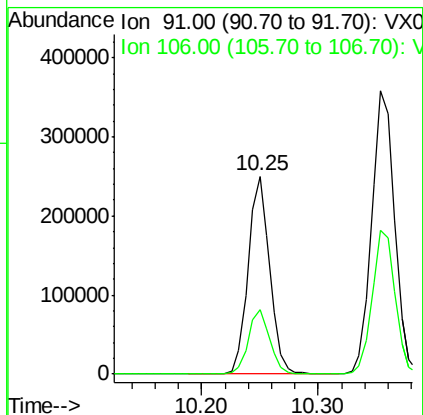
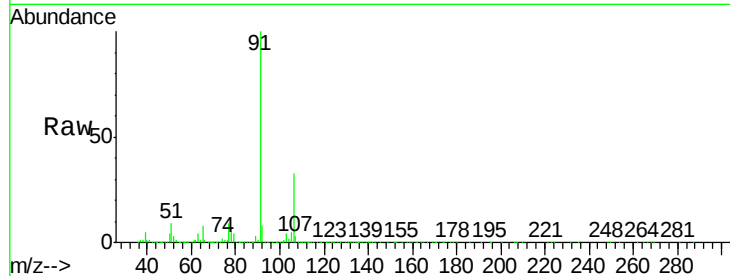
Ion Ratio Lower Upper

91 100

106 32.8 26.0 39.0

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#68

m/p-Xylenes

Concen: 39.146 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VX011733.D

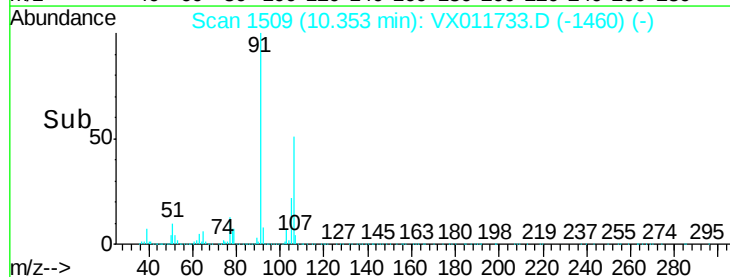
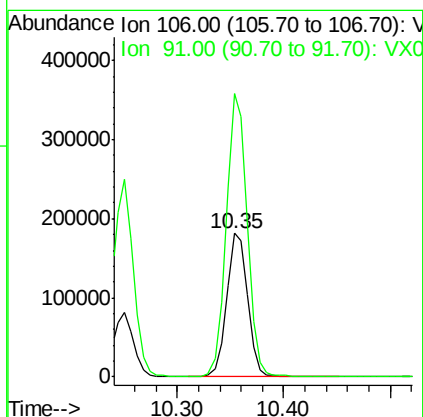
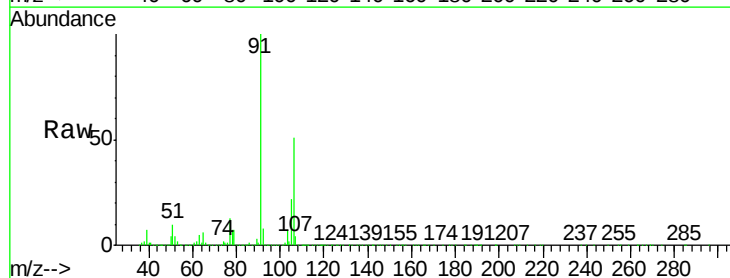
Acq: 21 Aug 2019 15:31

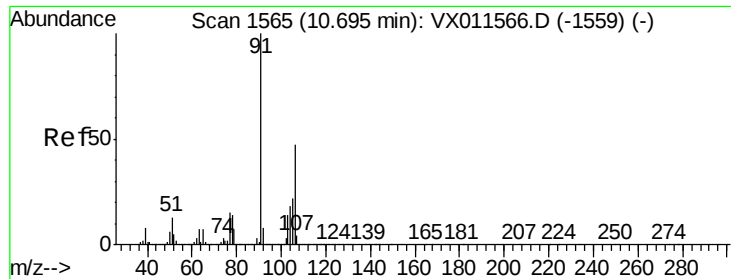
Tgt Ion: 106 Resp: 250418

Ion Ratio Lower Upper

106 100

91 196.1 156.0 234.0





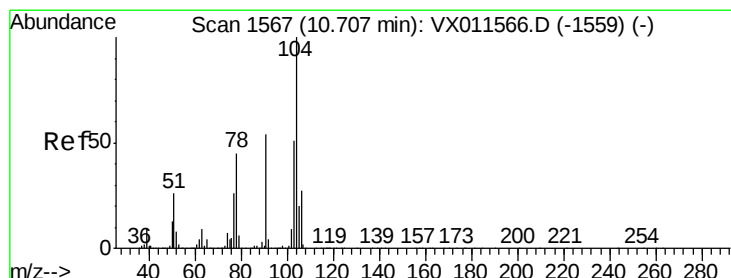
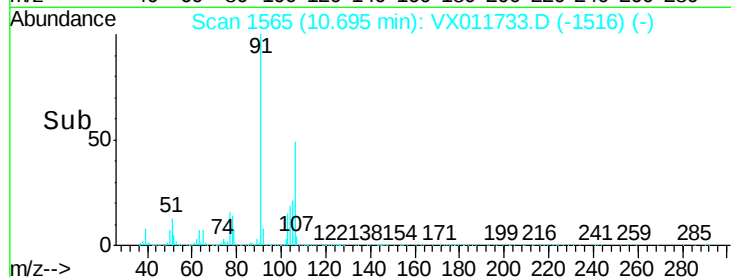
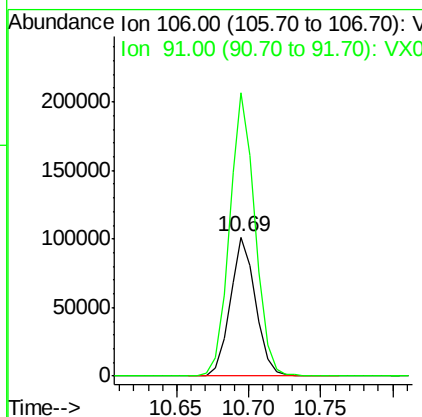
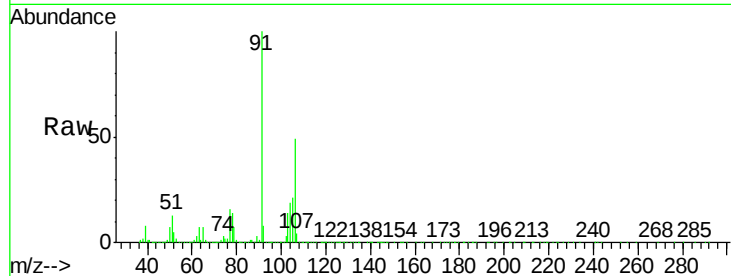
#69
o-Xylene
Concen: 19.887 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	124612		
91	204.4	105.5	316.4	

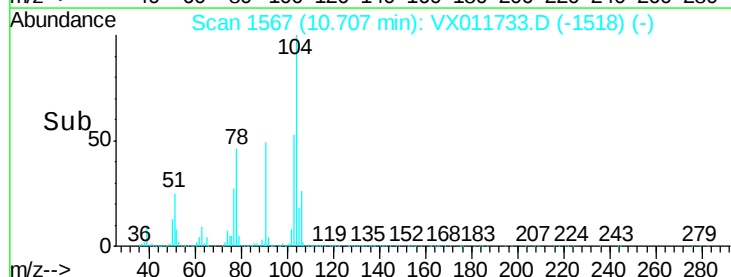
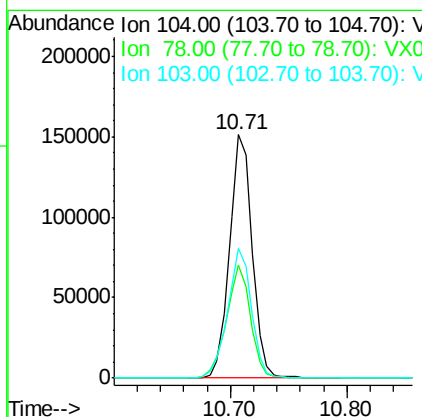
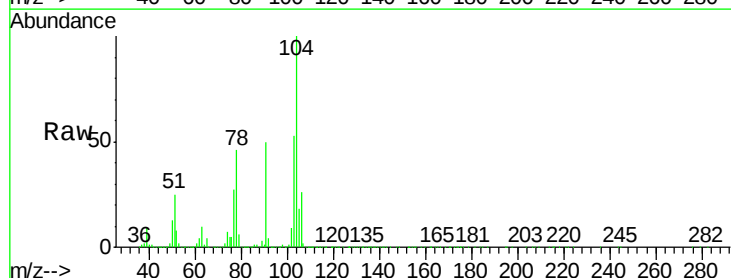
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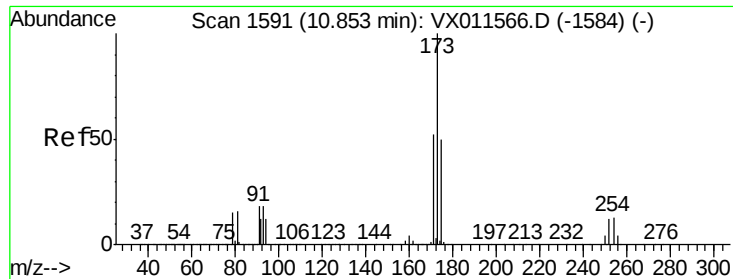
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#70
Styrene
Concen: 19.482 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	205509		
78	48.9	38.2	57.4	
103	55.7	43.6	65.4	





#71

Bromoform

Concen: 17.931 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Instrument :

MSVOA_X

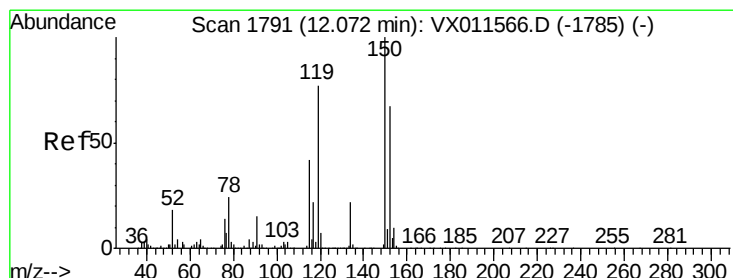
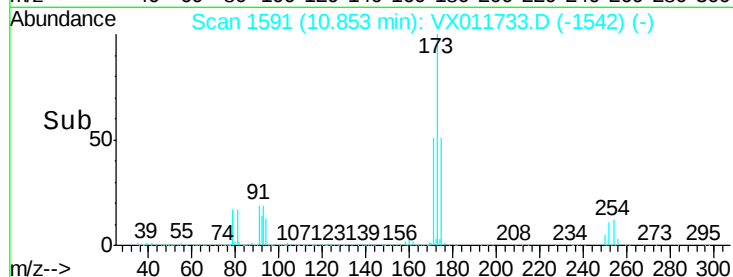
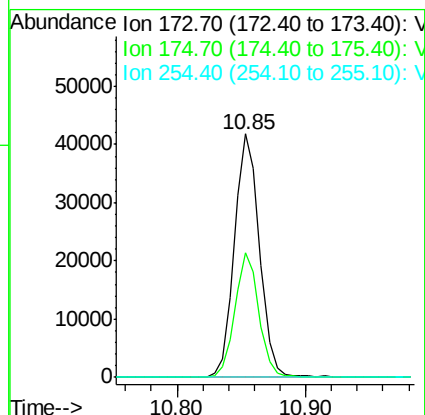
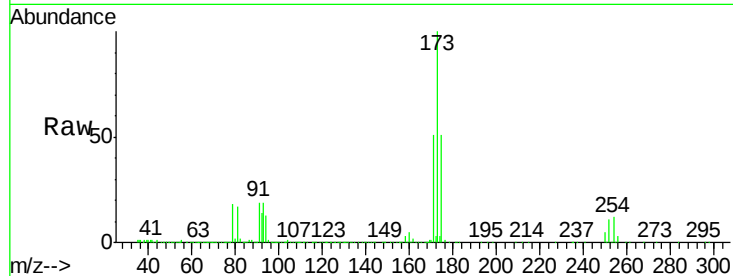
ClientSampleId :

VX0821WBSD01

Tot Ion:	173	Resp:	56840
Ion Ratio	Lower	Upper	
173	100		
175	49.3	24.9	74.7
254	0.2	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

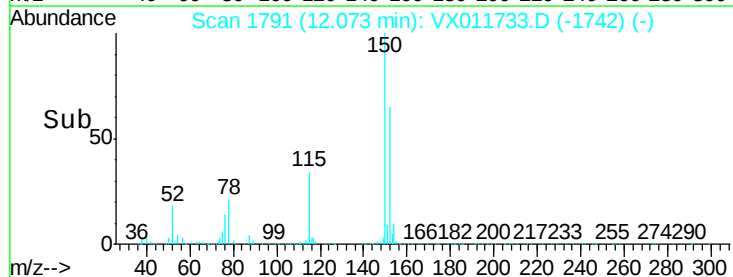
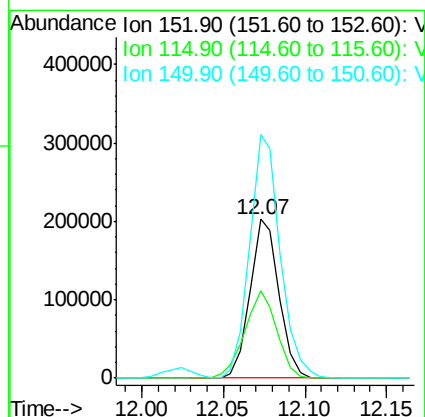
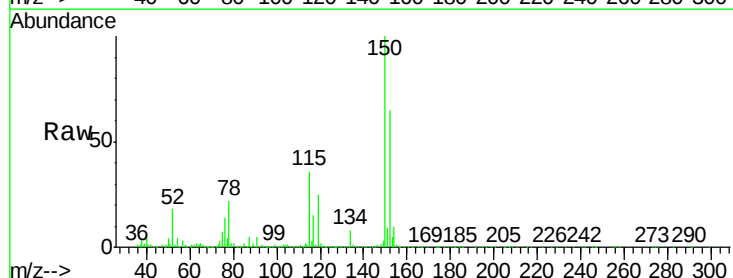
RT: 12.07 min Scan# 1791

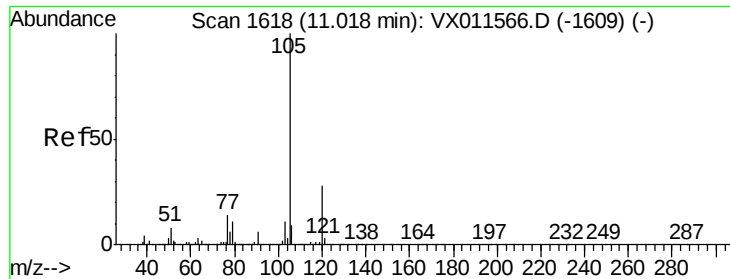
Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Tgt Ion:	152	Resp:	250478
Ion Ratio	Lower	Upper	
152	100		
115	61.0	37.3	111.9
150	162.4	0.0	346.2





#73

Isopropylbenzene

Concen: 20.553 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

Tot Ion: 105 Resp: 334059

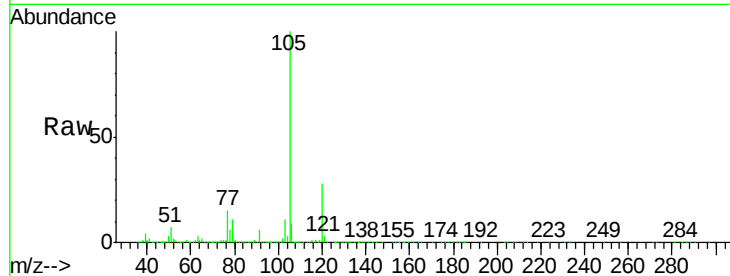
Ion Ratio Lower Upper

105 100

120 27.7 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

300000

250000

200000

150000

100000

50000

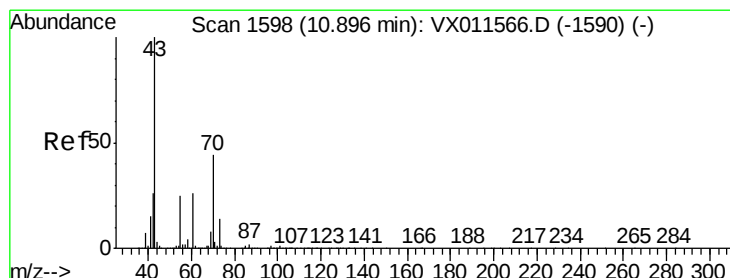
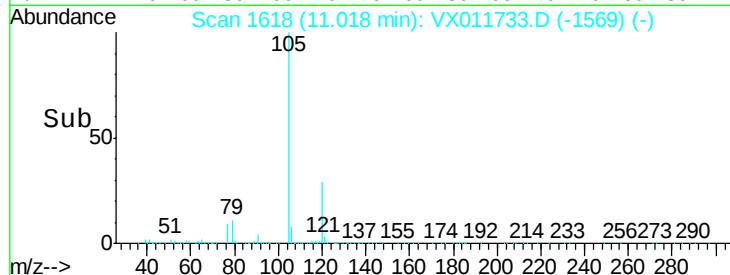
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 18.391 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Tgt Ion: 43 Resp: 127025

Ion Ratio Lower Upper

43 100

70 45.1 34.7 52.1

55 25.7 19.6 29.4

61 24.8 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

150000

100000

50000

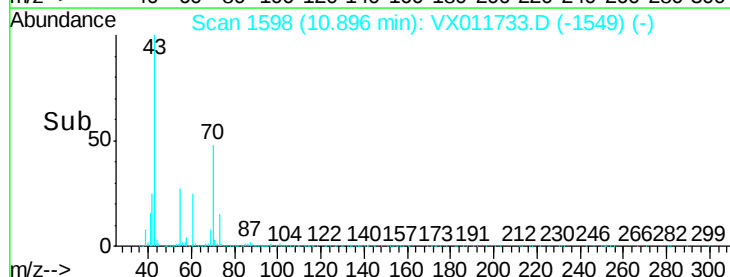
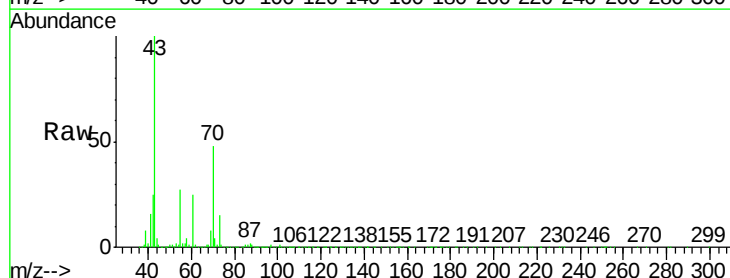
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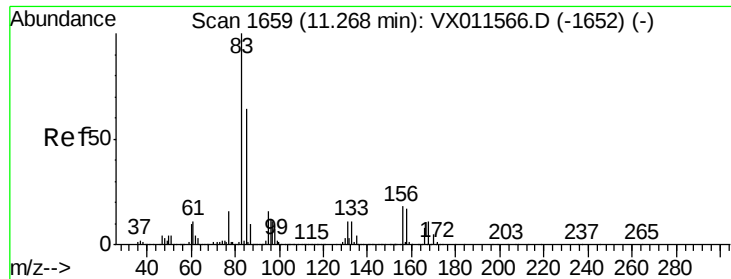
10.90

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.402 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Instrument :

MSVOA_X

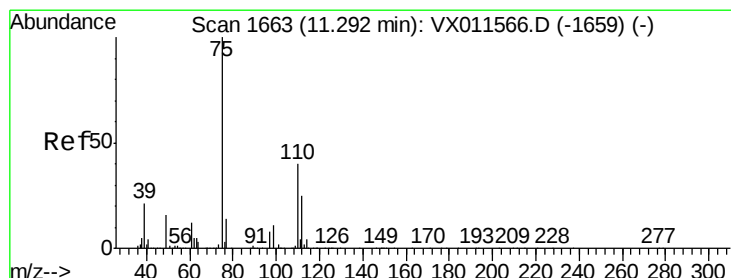
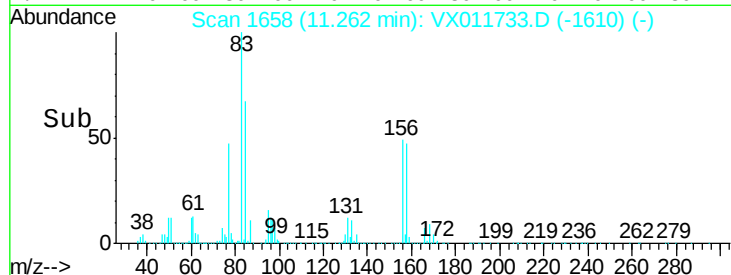
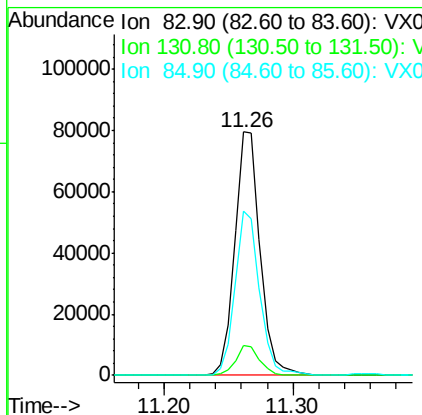
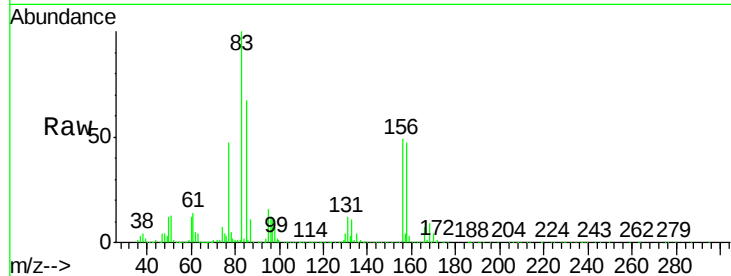
ClientSampleId :

VX0821WBSD01

Tot Ion:	83	Resp:	108479
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.8	17.3
85	66.3	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.957 ug/l m

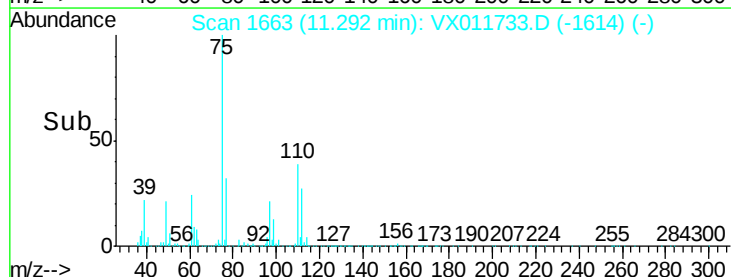
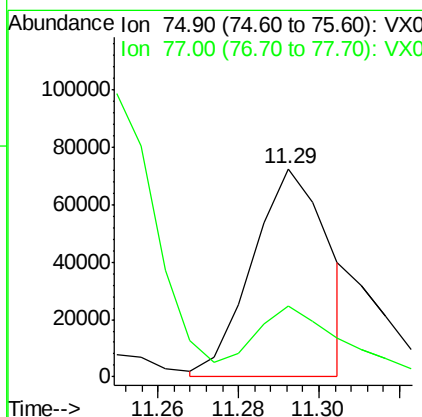
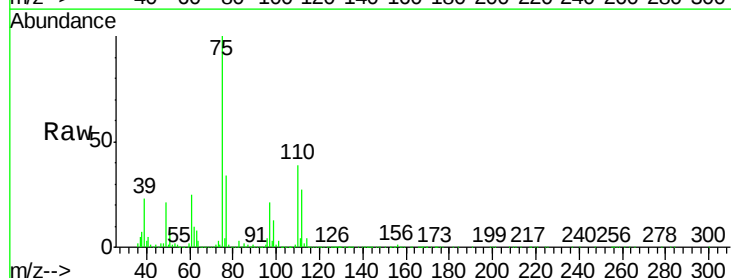
RT: 11.29 min Scan# 1663

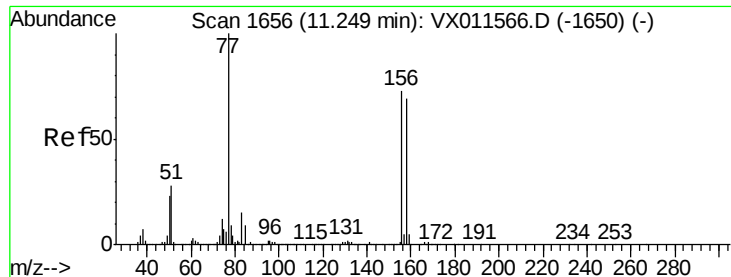
Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Tgt Ion:	75	Resp:	94788
Ion Ratio	Lower	Upper	
75	100		
77	39.7	20.9	62.8





#77

Bromobenzene

Concen: 19.919 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Instrument :

MSVOA_X

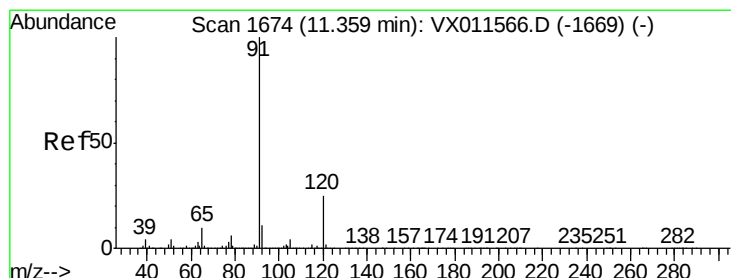
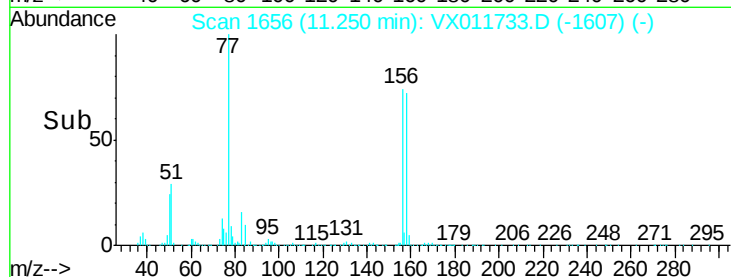
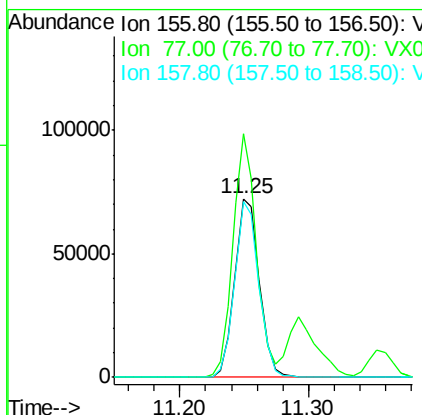
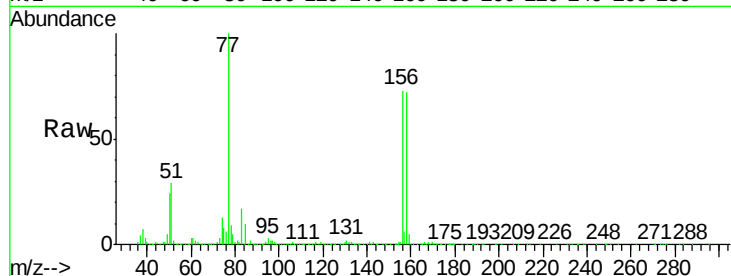
ClientSampleId :

VX0821WBSD01

Tot Ion:	156	Resp:	96320
Ion Ratio	Lower	Upper	
156	100		
77	128.9	64.6	193.9
158	96.7	48.4	145.3

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#78

n-propylbenzene

Concen: 20.378 ug/l

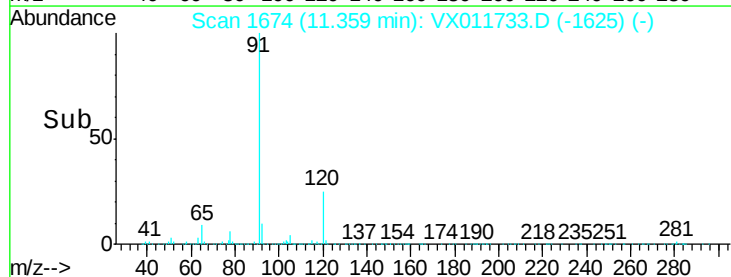
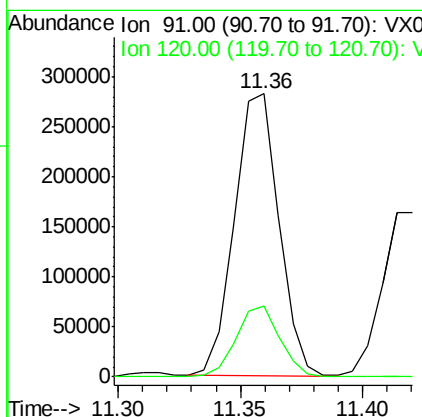
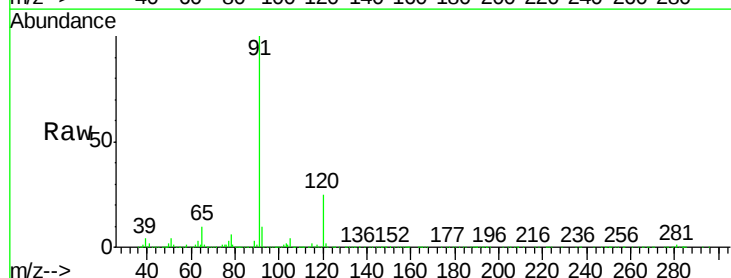
RT: 11.36 min Scan# 1674

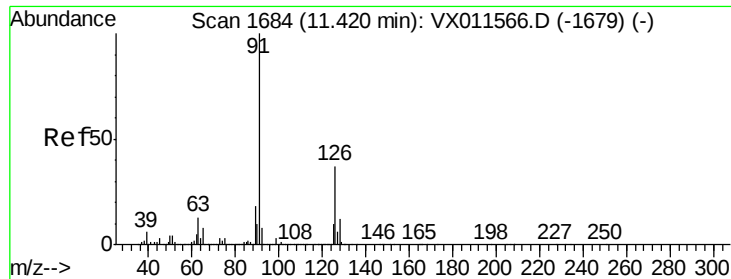
Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Tgt Ion:	91	Resp:	357134
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.6	37.6





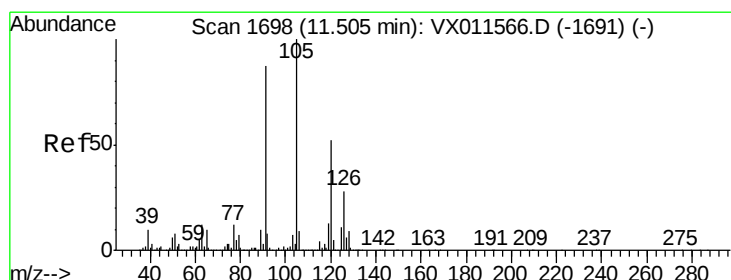
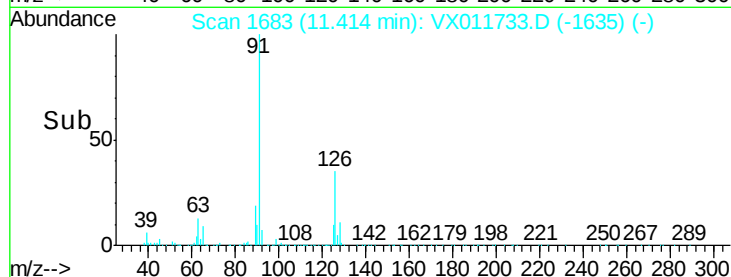
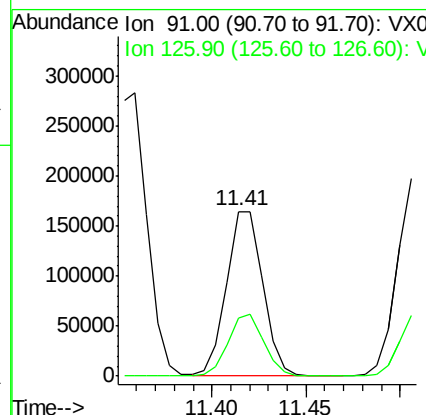
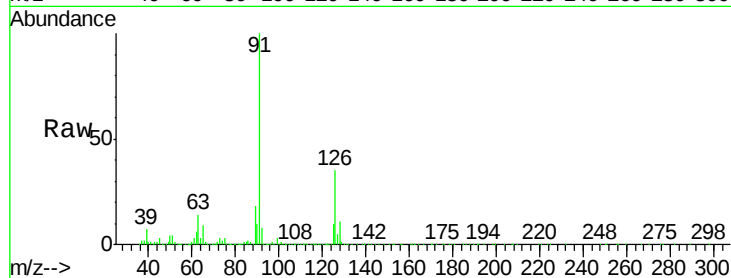
#79
2-Chlorotoluene
Concen: 20.307 ug/l
RT: 11.41 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tot Ion: 91 Resp: 218534
Ion Ratio Lower Upper
91 100
126 37.2 18.4 55.0

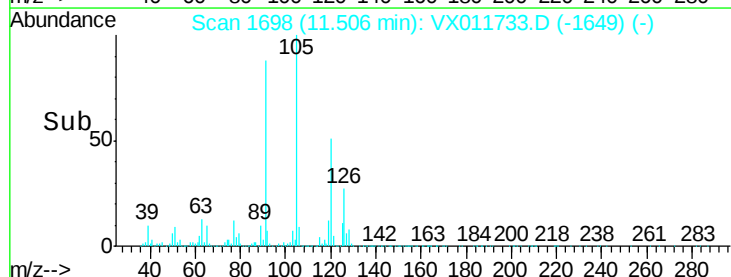
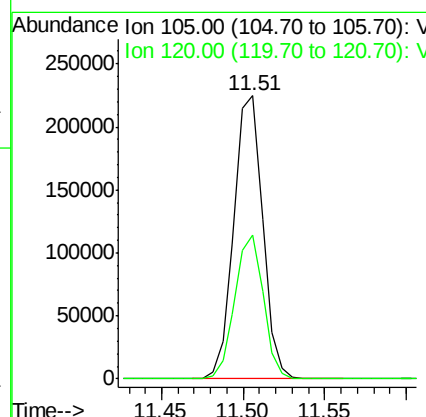
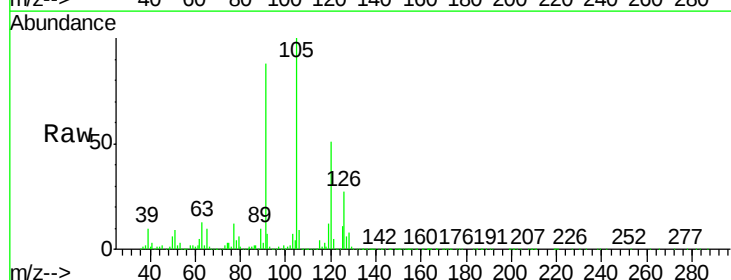
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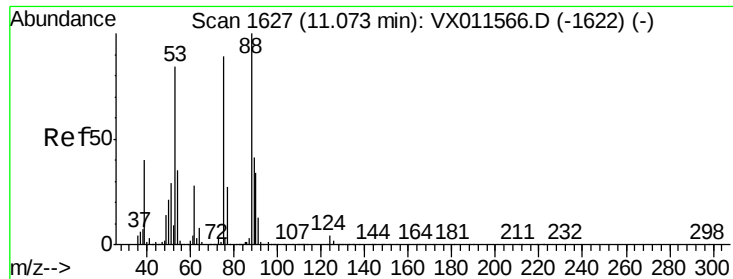
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#80
1,3,5-Trimethylbenzene
Concen: 20.225 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Tgt Ion: 105 Resp: 276141
Ion Ratio Lower Upper
105 100
120 50.3 25.3 75.8





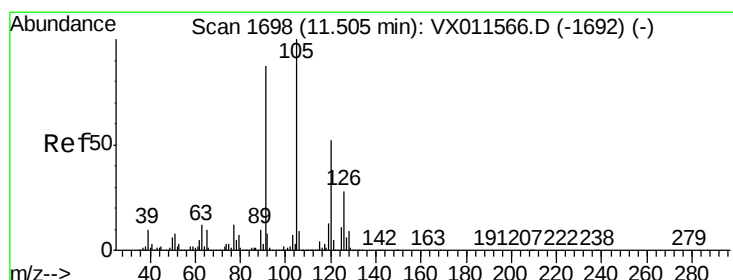
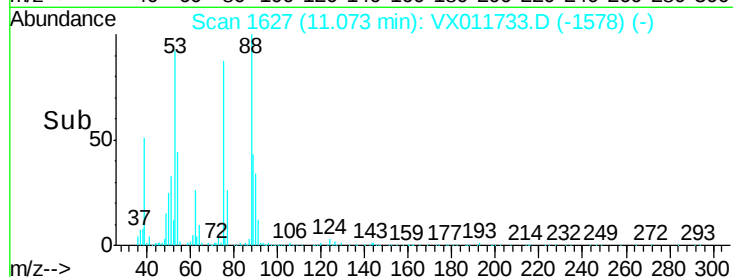
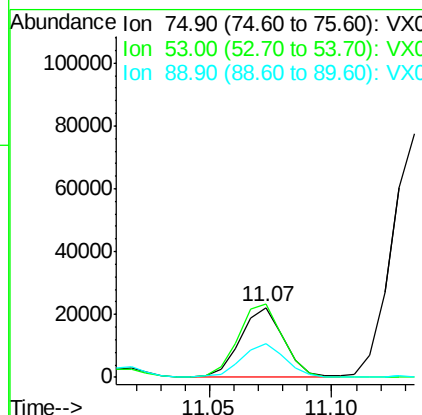
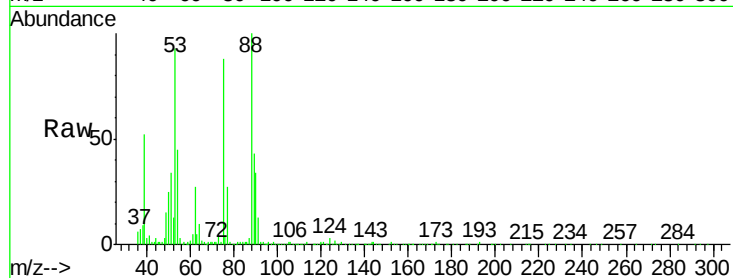
#81
trans-1,4-Dichloro-2-butene
Concen: 18.532 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.1	77.4	116.0
89	49.5	37.3	55.9

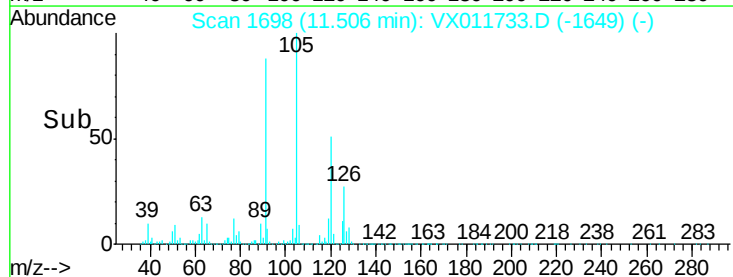
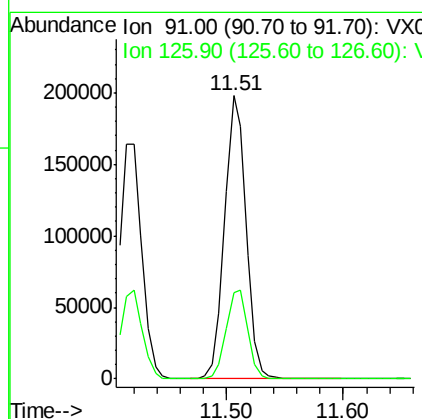
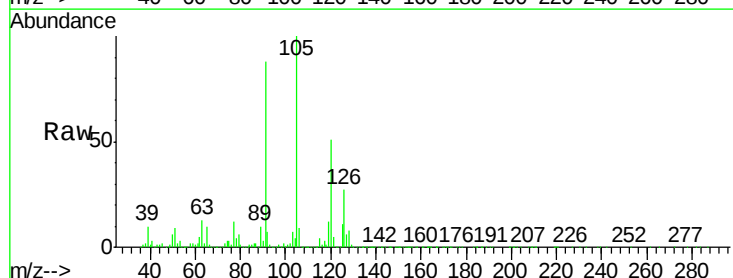
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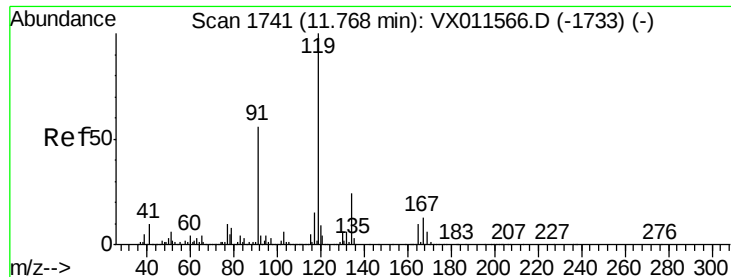
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#82
4-Chlorotoluene
Concen: 20.091 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	16.4	49.1





#83

tert-Butylbenzene

Concen: 19.854 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Instrument :

MSVOA_X

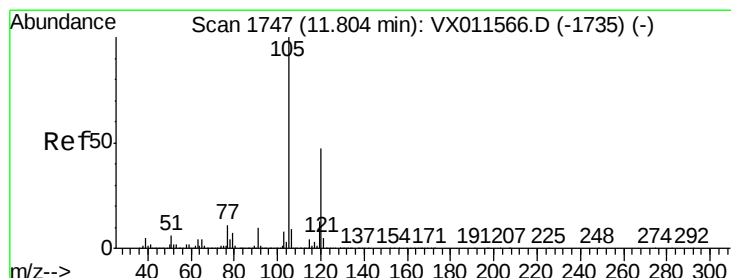
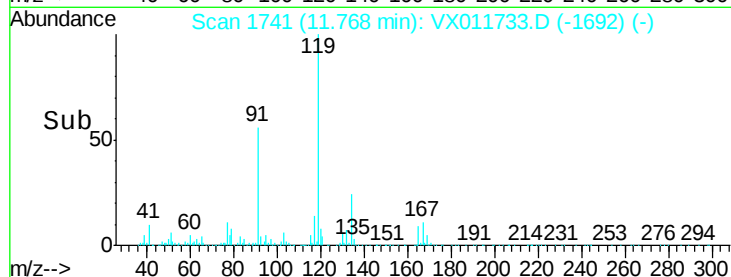
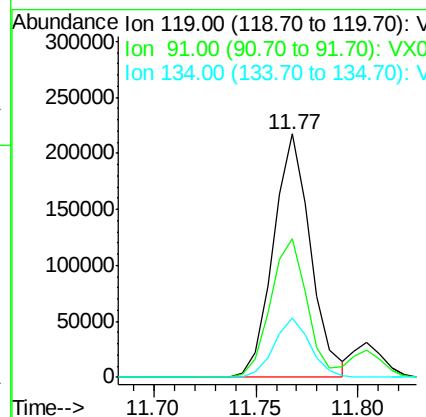
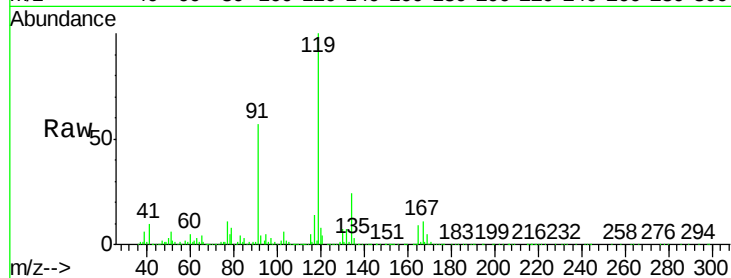
ClientSampleId :

VX0821WBSD01

Tot Ion:	119	Resp:	276083
Ion Ratio	Lower	Upper	
119	100		
91	55.3	27.1	81.3
134	23.8	11.8	35.3

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#84

1,2,4-Trimethylbenzene

Concen: 20.526 ug/l

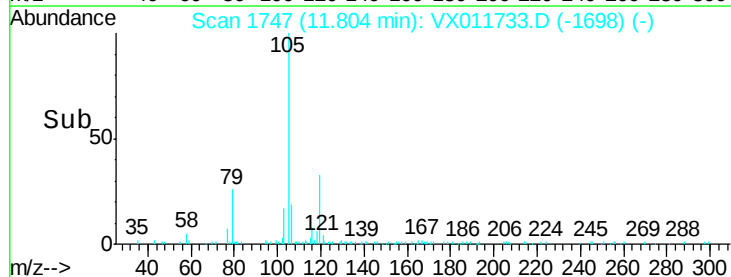
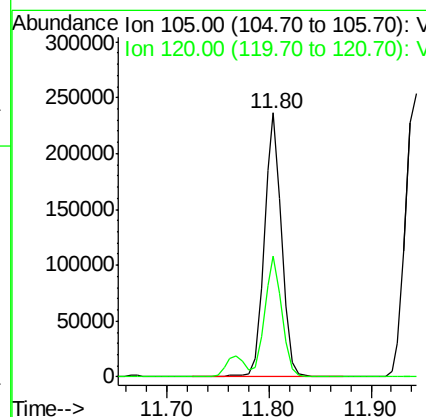
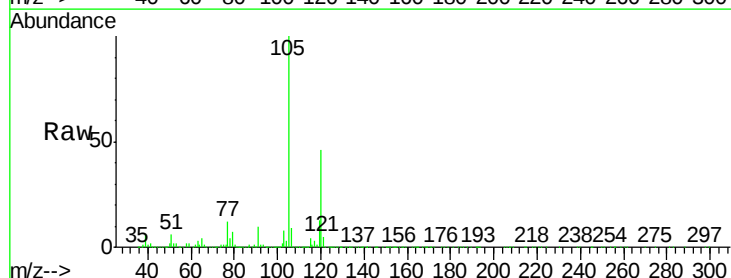
RT: 11.80 min Scan# 1747

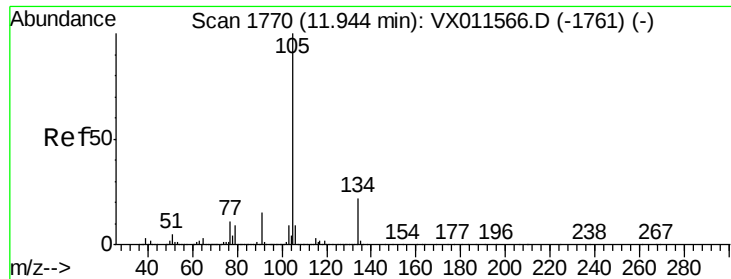
Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Tgt Ion:	105	Resp:	281344
Ion Ratio	Lower	Upper	
105	100		
120	45.4	23.3	69.9





#85

sec-Butylbenzene

Concen: 19.765 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

Tot Ion:105 Resp: 310081

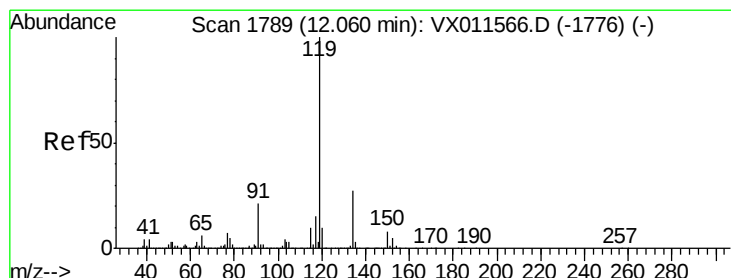
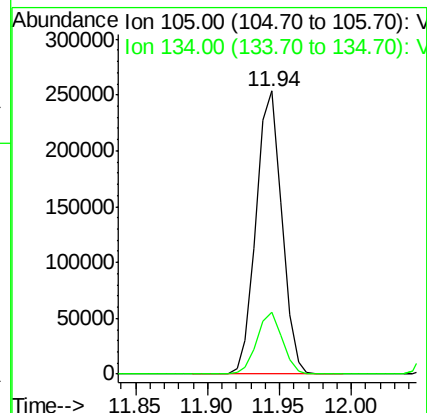
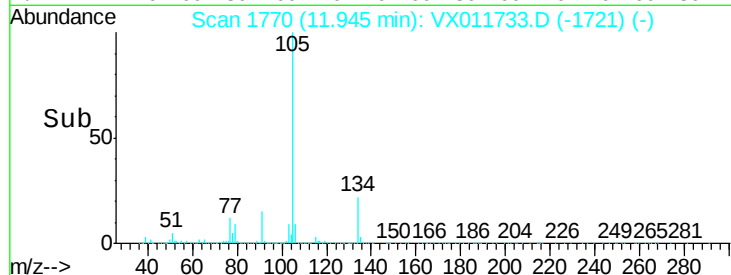
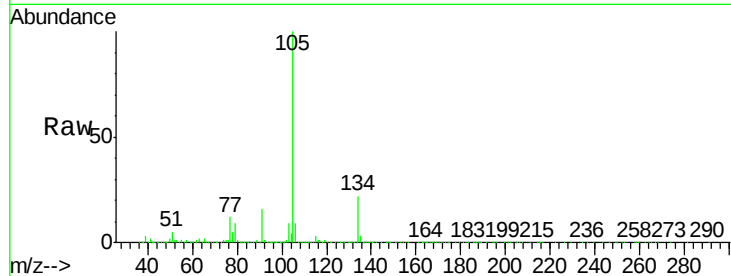
Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.4

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#86

p-Isopropyltoluene

Concen: 20.257 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

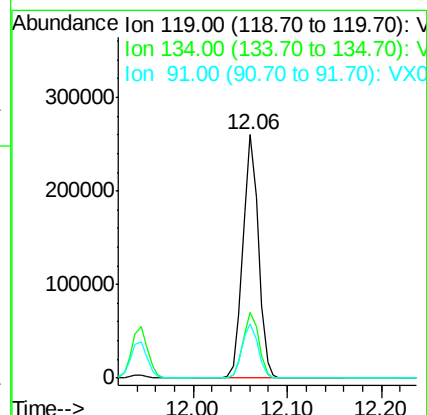
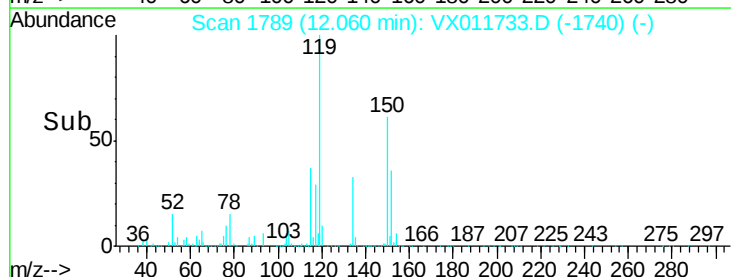
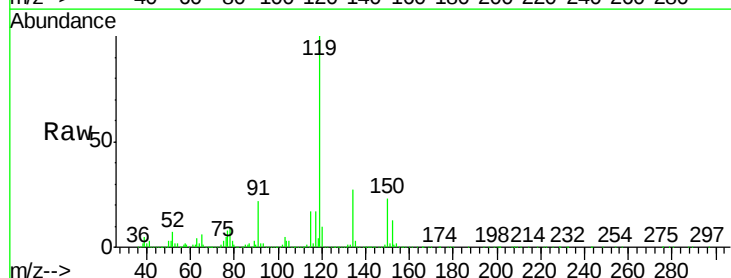
Tgt Ion:119 Resp: 298986

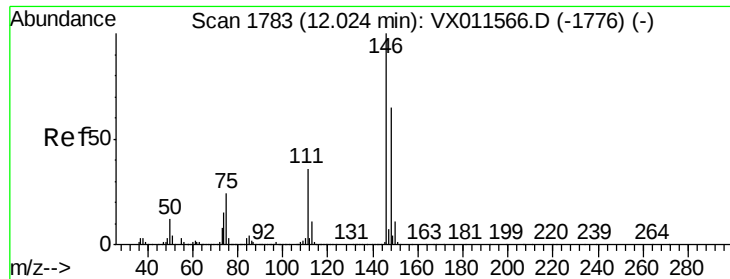
Ion Ratio Lower Upper

119 100

134 27.4 13.6 40.8

91 23.1 10.9 32.9





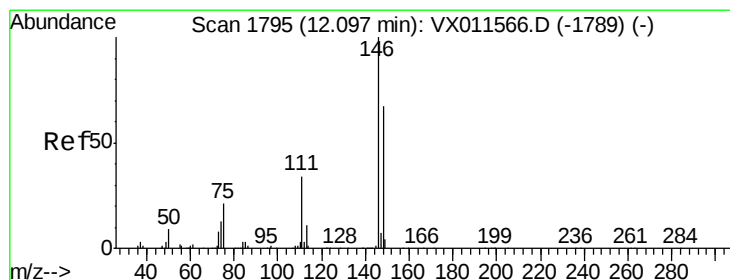
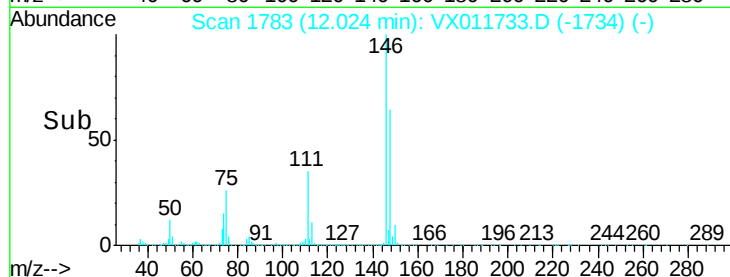
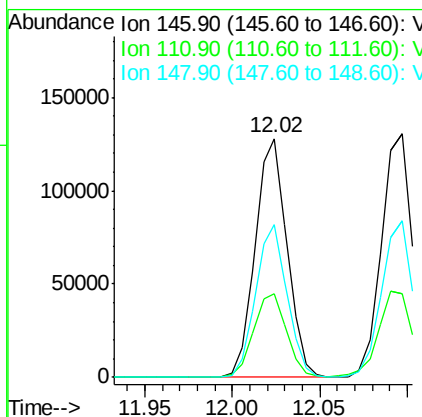
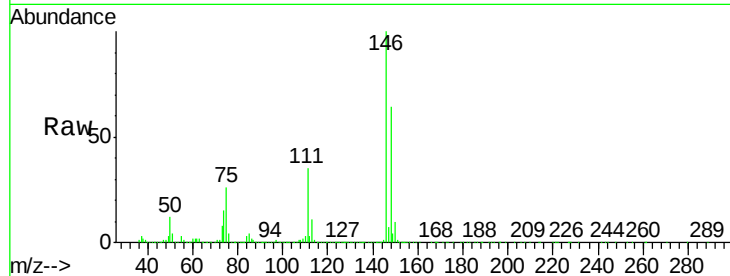
#87
 1,3-Dichlorobenzene
 Concen: 19.384 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011733.D
 Acq: 21 Aug 2019 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	161111		
111	36.3	18.1	54.4	
148	63.4	32.0	96.0	

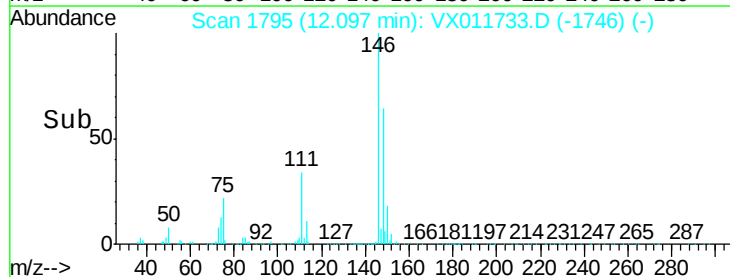
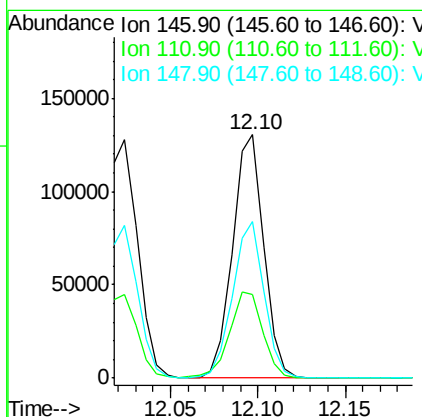
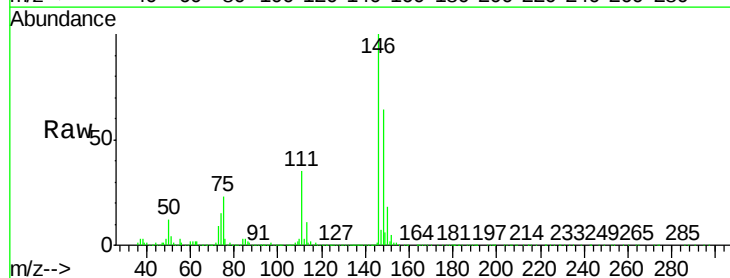
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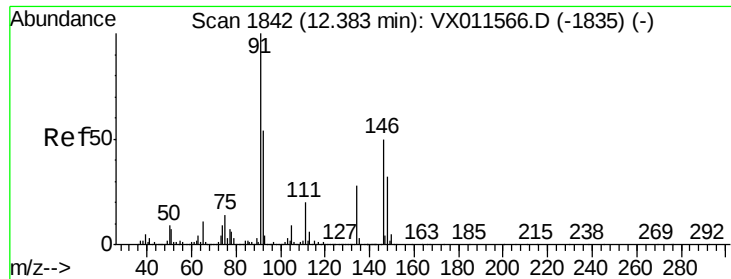
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#88
 1,4-Dichlorobenzene
 Concen: 19.154 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011733.D
 Acq: 21 Aug 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	161358		
111	37.9	17.9	53.7	
148	65.0	32.5	97.5	





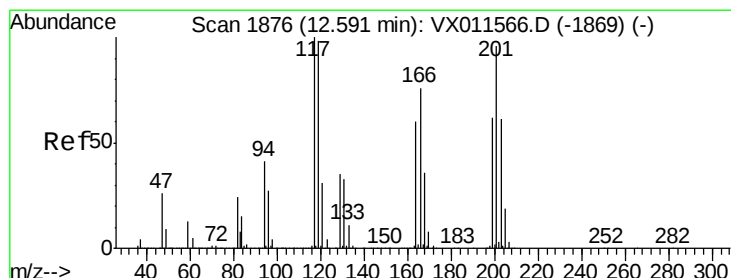
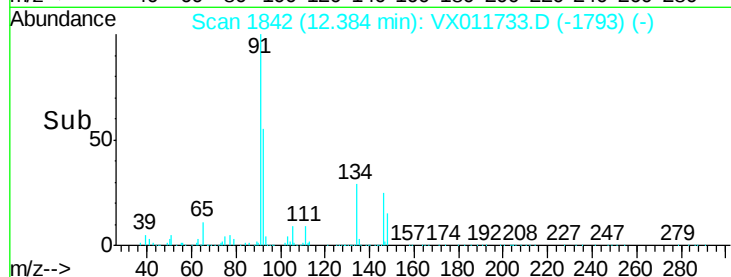
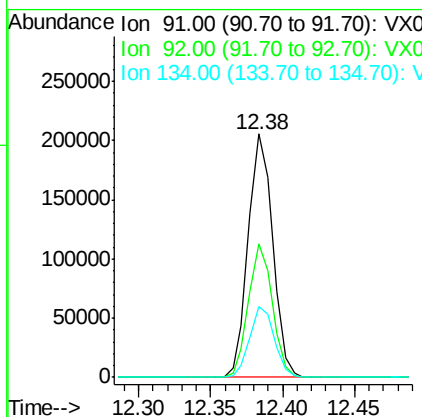
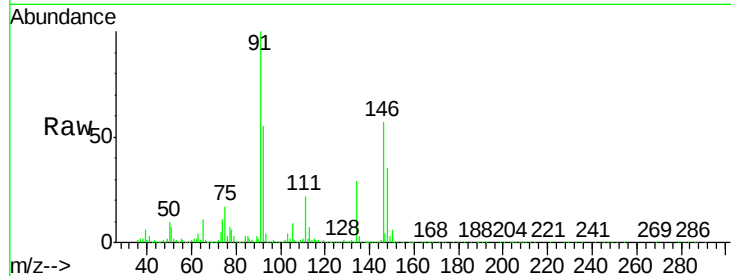
#89
n-Butylbenzene
Concen: 19.854 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	240913		
92	53.5	26.8	80.3	
134	29.5	14.6	44.0	

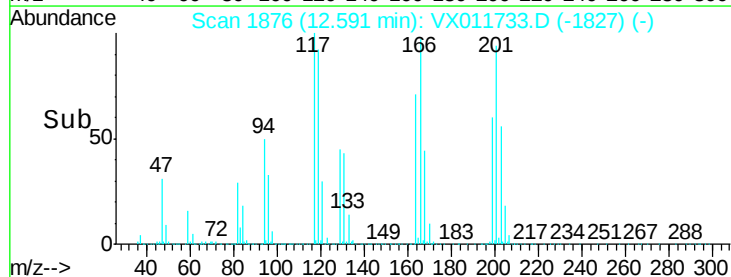
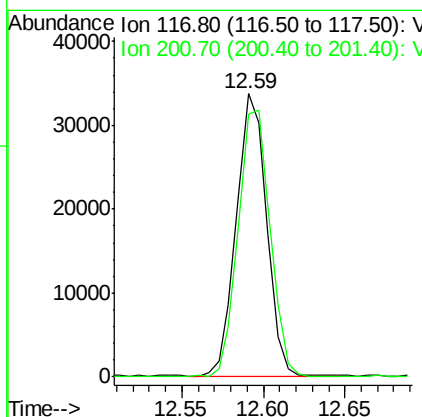
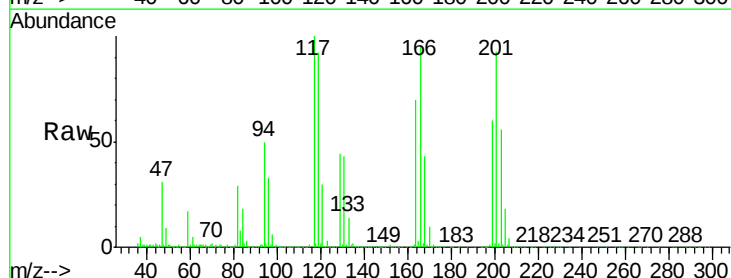
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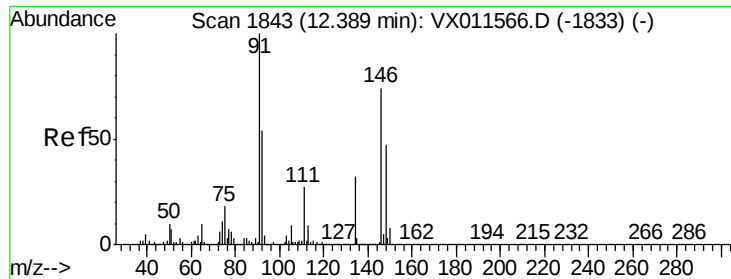
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#90
Hexachloroethane
Concen: 18.744 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011733.D
Acq: 21 Aug 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	43688		
201	99.9	51.9	155.7	





#91

1,2-Dichlorobenzene

Concen: 19.779 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Instrument :

MSVOA_X

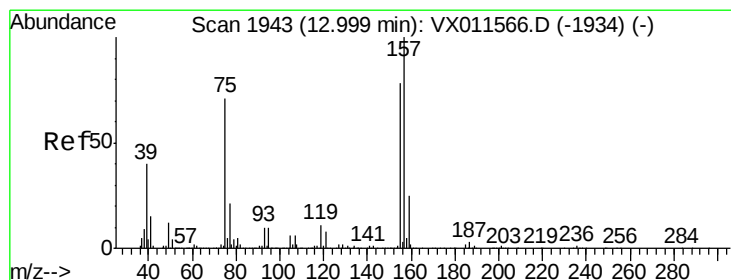
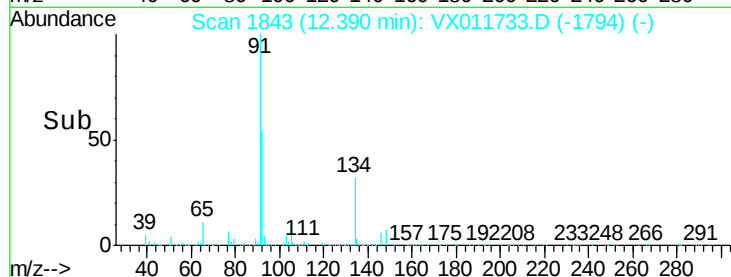
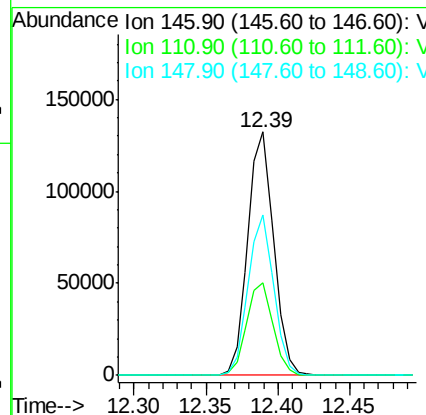
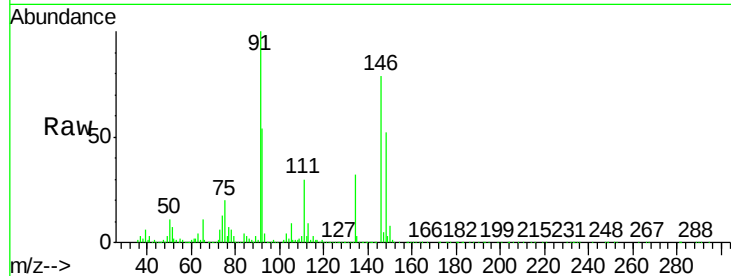
ClientSampleId :

VX0821WBSD01

Tot Ion:	146	Resp:	165031
Ion Ratio	Lower	Upper	
146	100		
111	38.4	18.9	56.7
148	65.4	31.9	95.9

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.698 ug/l

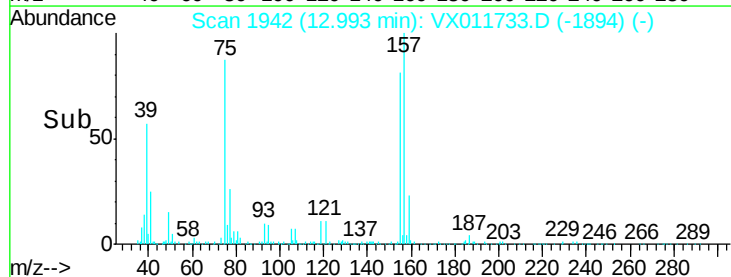
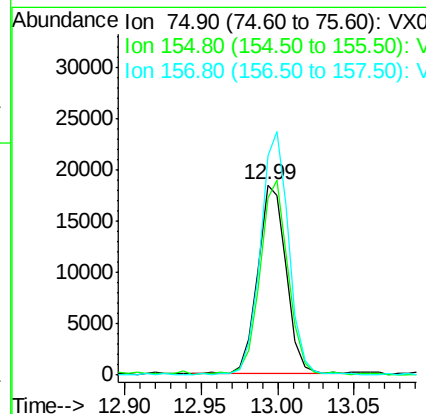
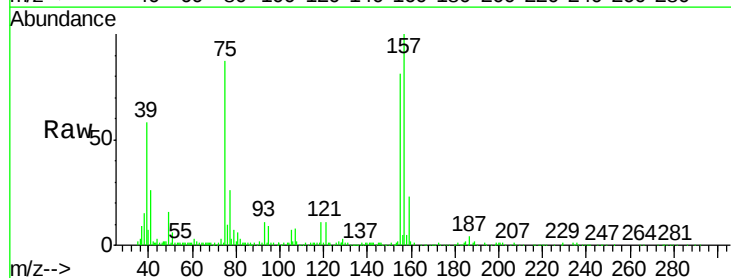
RT: 12.99 min Scan# 1942

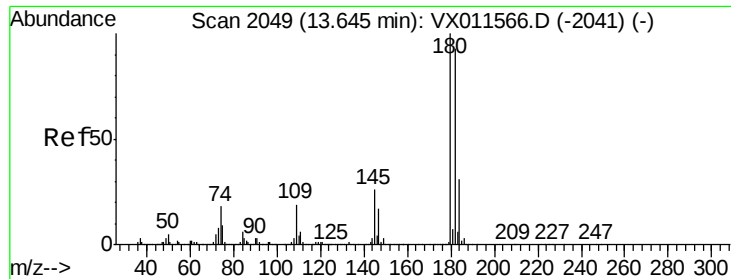
Delta R.T. -0.01 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Tgt Ion:	75	Resp:	23917
Ion Ratio	Lower	Upper	
75	100		
155	100.6	53.0	159.0
157	125.7	68.3	205.1





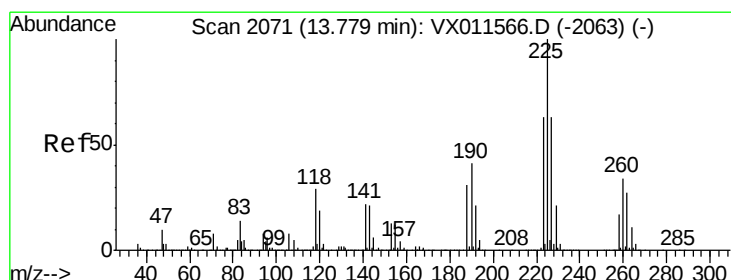
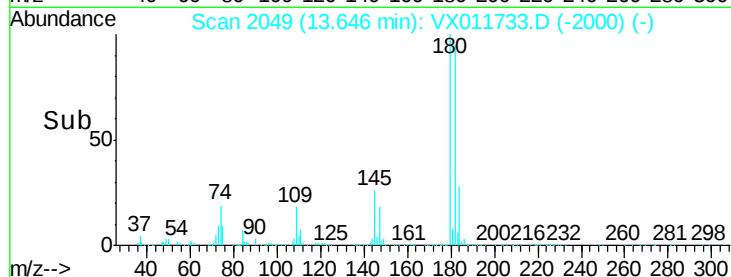
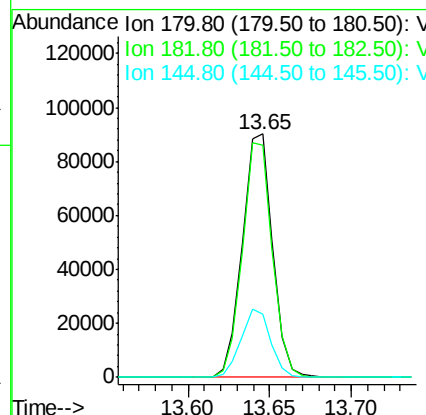
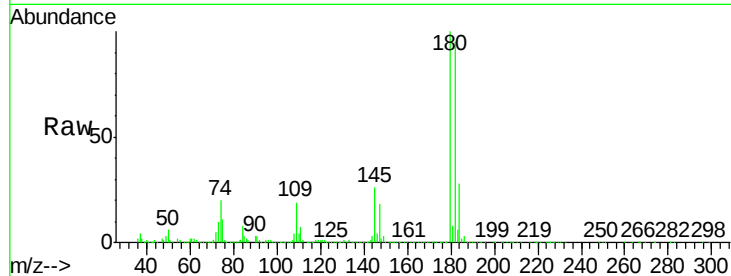
#93
 1,2,4-Trichlorobenzene
 Concen: 18.737 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011733.D
 Acq: 21 Aug 2019 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.7	47.3	142.0	
145	27.7	13.6	40.8	

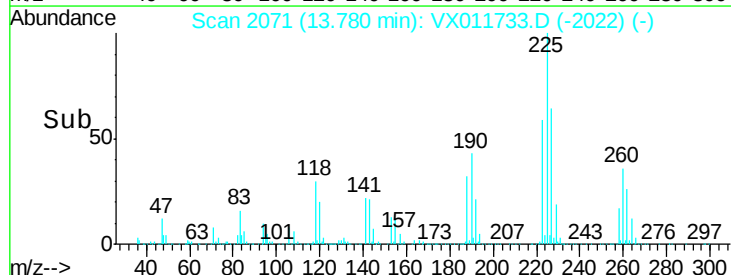
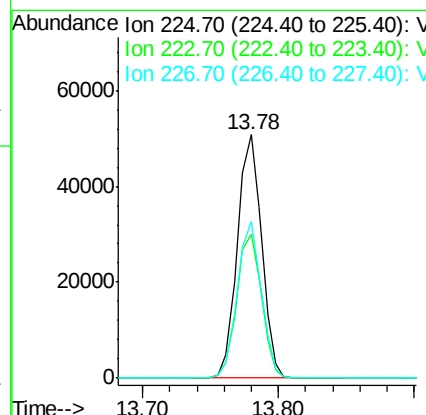
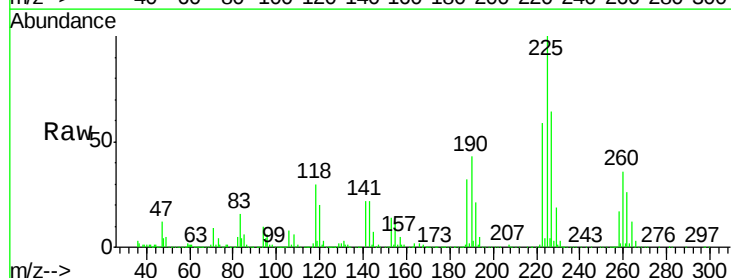
Manual Integrations
 APPROVED

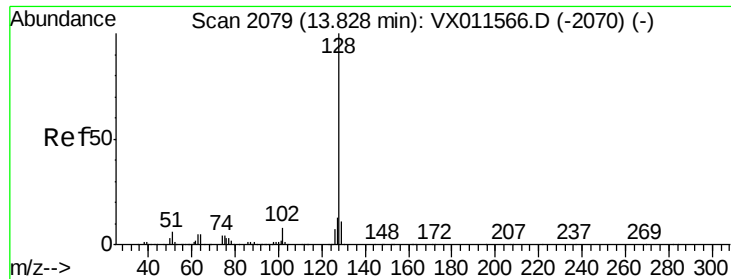
MMDadoda
 8/22/2019 10:01:09 AM



#94
 Hexachlorobutadiene
 Concen: 18.638 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011733.D
 Acq: 21 Aug 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.8	31.4	94.0	
227	63.8	31.2	93.6	





#95

Naphthalene

Concen: 20.569 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Instrument :

MSVOA_X

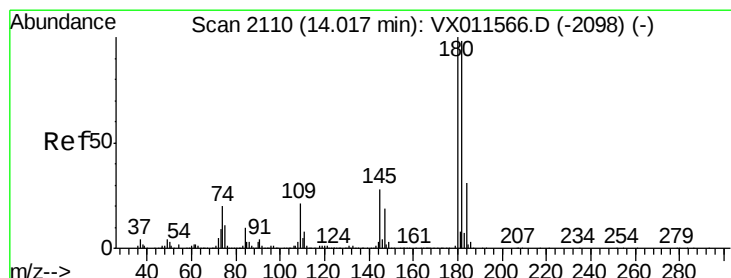
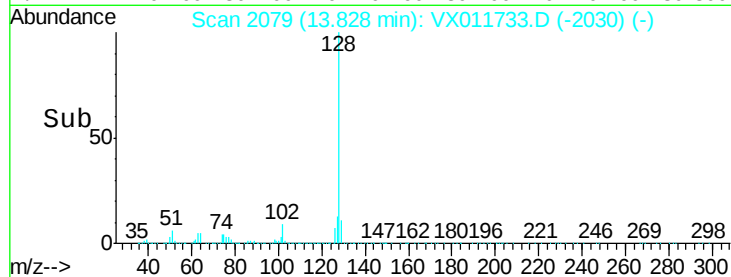
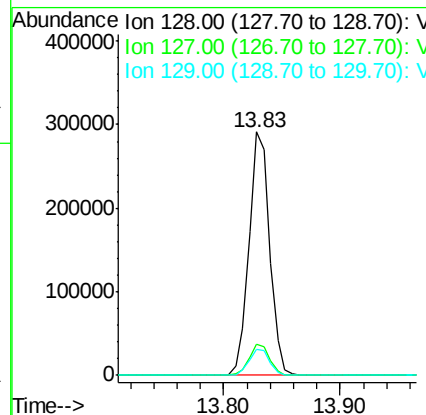
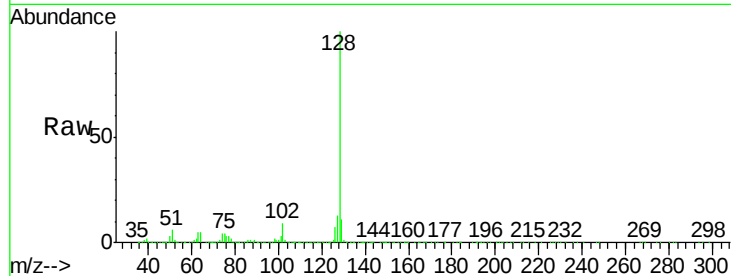
ClientSampleId :

VX0821WBSD01

Tot Ion:	128	Resp:	361508
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/22/2019 10:01:09 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.971 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011733.D

Acq: 21 Aug 2019 15:31

Tgt Ion:	180	Resp:	125225
Ion Ratio	Lower	Upper	
180	100		
182	96.2	48.0	144.0
145	29.6	14.6	43.8

