

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082119\
 Data File : VX011735.D
 Acq On : 21 Aug 2019 16:17
 Operator : JC/SP
 Sample : VX0821WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/22/2019 10:01:15 AM

Quant Time: Aug 22 04:05:25 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	325410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	465043	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	421123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226955	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	165535	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	
35) Dibromofluoromethane	5.49	113	147706	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
50) Toluene-d8	8.71	98	471210	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.13	95	196962	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	75311	23.545	ug/l	100
3) Chloromethane	1.32	50	60246	18.135	ug/l	99
4) Vinyl Chloride	1.40	62	60883	20.287	ug/l	98
5) Bromomethane	1.63	94	31615	23.511	ug/l	100
6) Chloroethane	1.72	64	36824	25.926	ug/l	100
7) Trichlorofluoromethane	1.92	101	99223	23.870	ug/l	100
8) Diethyl Ether	2.18	74	33039	23.171	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	61148	21.298	ug/l	98
10) Methyl Iodide	2.50	142	51630	12.623	ug/l	94
11) Tert butyl alcohol	3.04	59	74664	100.851	ug/l	100
12) 1,1-Dichloroethene	2.37	96	56859	20.492	ug/l	96
13) Acrolein	2.29	56	21948	103.836	ug/l	91
14) Allyl chloride	2.72	41	88467	19.167	ug/l	92
15) Acrylonitrile	3.14	53	175177	103.385	ug/l	99
16) Acetone	2.43	43	173701	114.474	ug/l	99
17) Carbon Disulfide	2.56	76	119558	18.286	ug/l	98
18) Methyl Acetate	2.76	43	99573	21.159	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	194113	21.481	ug/l	99
20) Methylene Chloride	2.85	84	64751	20.324	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	60100	20.440	ug/l	98
22) Diisopropyl ether	3.85	45	187599	20.409	ug/l	98
23) Vinyl Acetate	3.81	43	749834	103.016	ug/l	99
24) 1,1-Dichloroethane	3.69	63	107512	20.687	ug/l	97
25) 2-Butanone	4.67	43	252122	105.838	ug/l	99
26) 2,2-Dichloropropane	4.57	77	89787	22.955	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	69893	20.391	ug/l	97
28) Bromochloromethane	5.01	49	47008	20.605	ug/l	98
29) Tetrahydrofuran	5.12	42	155459	99.486	ug/l	95
30) Chloroform	5.21	83	120021	21.883	ug/l	99
31) Cyclohexane	5.57	56	90217	20.162	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	103363	21.918	ug/l	98
36) 1,1-Dichloropropene	5.79	75	80486	20.243	ug/l	98
37) Ethyl Acetate	4.82	43	89912	19.661	ug/l	99
38) Carbon Tetrachloride	5.77	117	88507	20.205	ug/l	97

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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	96049	19.561	ug/l	99
40) Benzene	6.14	78	245996	19.909	ug/l	100
41) Methacrylonitrile	5.04	41	49473	19.656	ug/l	96
42) 1,2-Dichloroethane	6.18	62	93636	21.873	ug/l	99
43) Isopropyl Acetate	6.44	43	139743	19.580	ug/l	100
44) Trichloroethene	7.21	130	74384	20.293	ug/l	97
45) 1,2-Dichloropropane	7.51	63	62601	20.315	ug/l	94
46) Dibromomethane	7.66	93	46315	20.683	ug/l	93
47) Bromodichloromethane	7.90	83	86244	20.976	ug/l	97
48) Methyl methacrylate	7.77	41	70504	19.948	ug/l	95
49) 1,4-Dioxane	7.73	88	38392	408.399	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	477263	102.165	ug/l	100
52) Toluene	8.78	92	160802	20.428	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	85391	20.011	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	95877	20.531	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	69696	20.820	ug/l	99
56) Ethyl methacrylate	9.18	69	98441	20.233	ug/l	96
57) 1,3-Dichloropropane	9.37	76	110077	20.687	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	247732	102.190	ug/l	98
59) 2-Hexanone	9.49	43	378085	104.952	ug/l	99
60) Dibromochloromethane	9.58	129	71919	20.620	ug/l	98
61) 1,2-Dibromoethane	9.67	107	73557	20.589	ug/l	100
64) Tetrachloroethene	9.34	164	72263	20.914	ug/l	97
65) Chlorobenzene	10.13	112	184708	20.564	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	69176	20.605	ug/l	98
67) Ethyl Benzene	10.25	91	310839	20.736	ug/l	100
68) m/p-Xylenes	10.35	106	241225	41.922	ug/l	99
69) o-Xylene	10.69	106	116480	20.666	ug/l	100
70) Styrene	10.71	104	196322	20.691	ug/l	98
71) Bromoform	10.85	173	53745	18.681	ug/l #	99
73) Isopropylbenzene	11.02	105	314633	21.365	ug/l	100
74) N-amyl acetate	10.90	43	122974	19.649	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	106451	21.013	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	91044m	21.155	ug/l	
77) Bromobenzene	11.25	156	86715	19.791	ug/l	94
78) n-propylbenzene	11.36	91	348485	21.945	ug/l	98
79) 2-Chlorotoluene	11.42	91	212985	21.842	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	268252	21.684	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	26834	19.861	ug/l	89
82) 4-Chlorotoluene	11.51	91	241310	21.331	ug/l	99
83) tert-Butylbenzene	11.77	119	265950	21.108	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	272616	21.951	ug/l	98
85) sec-Butylbenzene	11.94	105	309124	21.746	ug/l	100
86) p-Isopropyltoluene	12.06	119	290056	21.689	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	155418	20.637	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	156810	20.544	ug/l	98
89) n-Butylbenzene	12.38	91	240800	21.901	ug/l	97
90) Hexachloroethane	12.59	117	42552	20.149	ug/l	90
91) 1,2-Dichlorobenzene	12.39	146	154890	20.488	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23833	20.563	ug/l	89

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ClientSampleId :
VX0821WBSD01

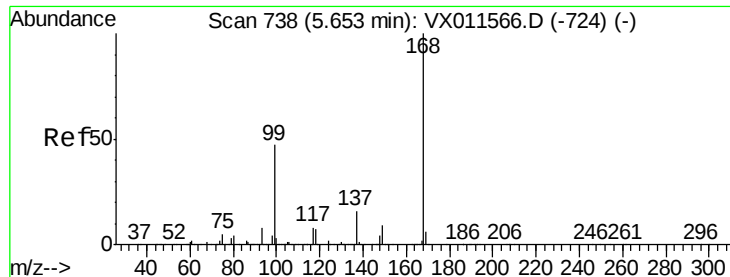
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	111019	19.709	ug/l	99
94) Hexachlorobutadiene	13.78	225	59647	19.446	ug/l	100
95) Naphthalene	13.83	128	336259	21.116	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112417	19.786	ug/l	98

(#) = 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: VX011735.D

Acq: 21 Aug 2019 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

Tot Ion:168 Resp: 325410

Ion Ratio Lower Upper

168 100

99 49.8

37.3

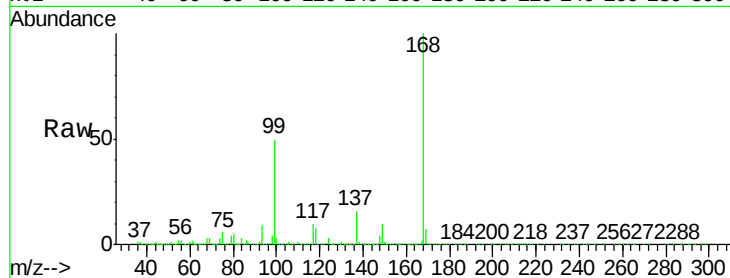
55.9

Manual Integrations

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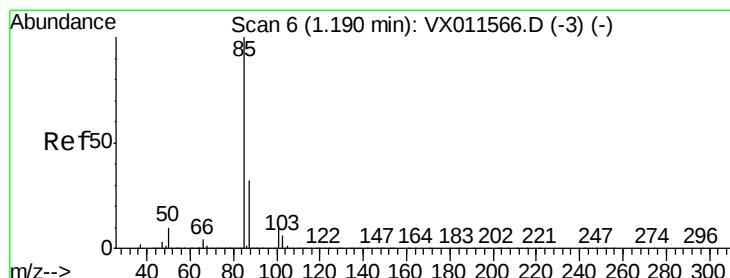
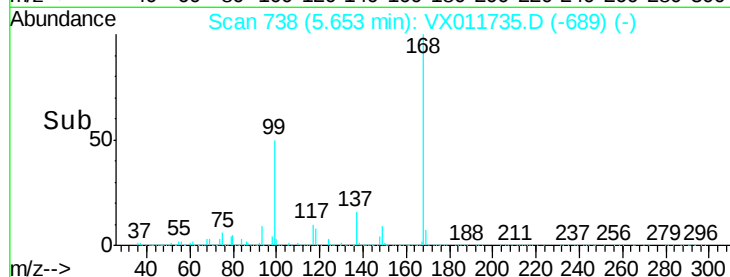
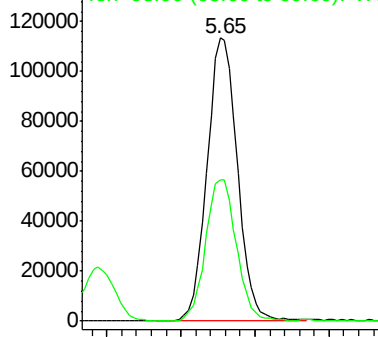
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 23.545 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Tgt Ion: 85 Resp: 75311

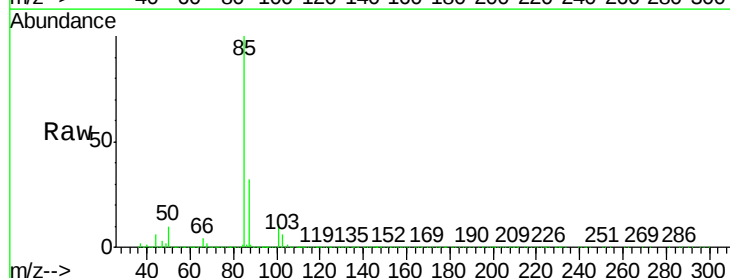
Ion Ratio Lower Upper

85 100

87 31.9

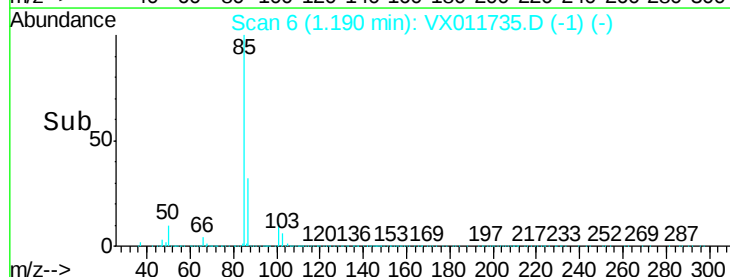
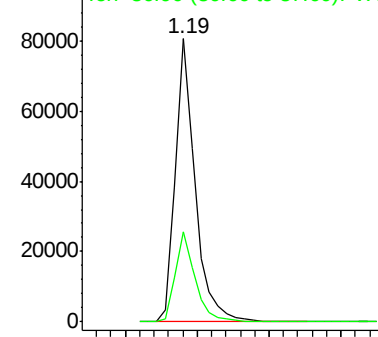
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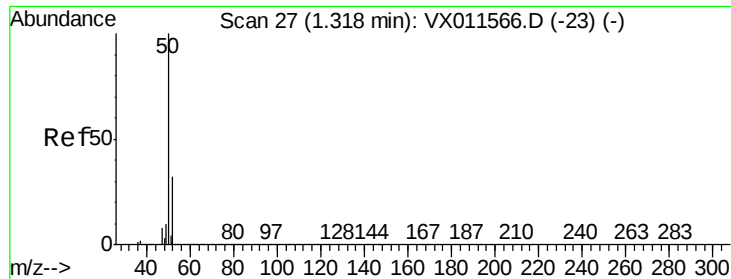
48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.135 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

Tot Ion: 50 Resp: 60246

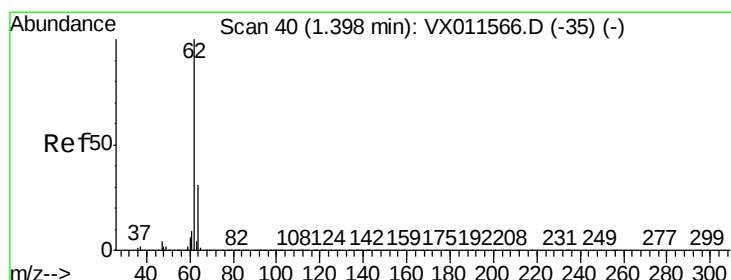
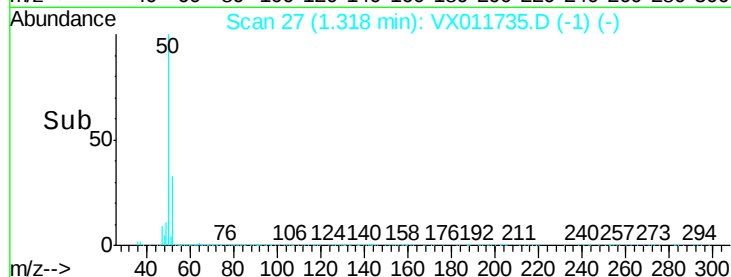
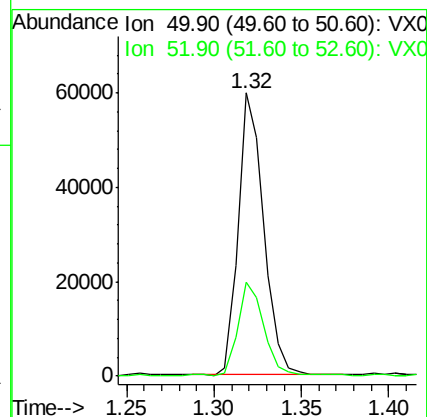
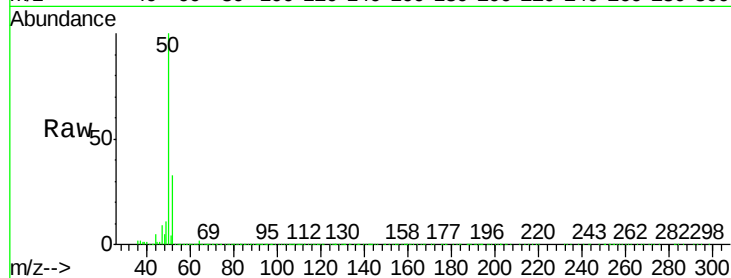
Ion Ratio Lower Upper

50 100

52 33.1 26.0 39.0

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#4

Vinyl Chloride

Concen: 20.287 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011735.D

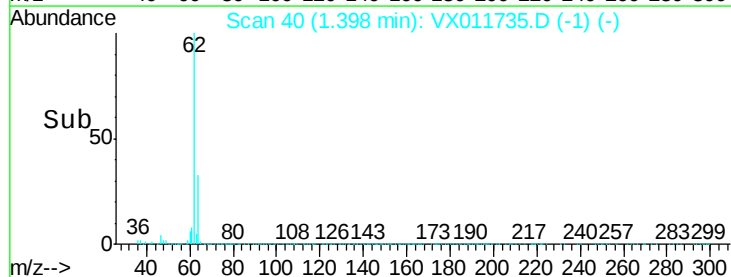
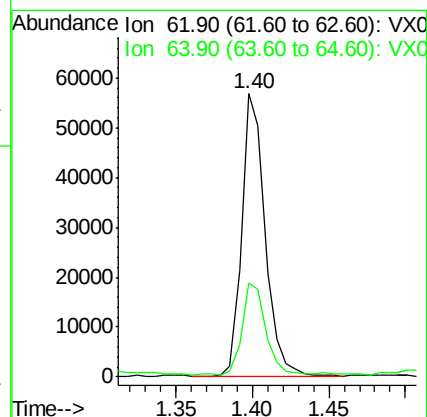
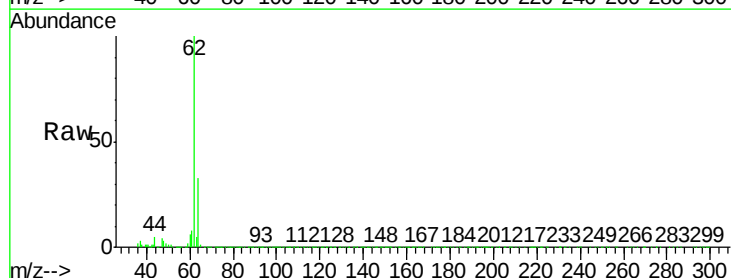
Acq: 21 Aug 2019 16:17

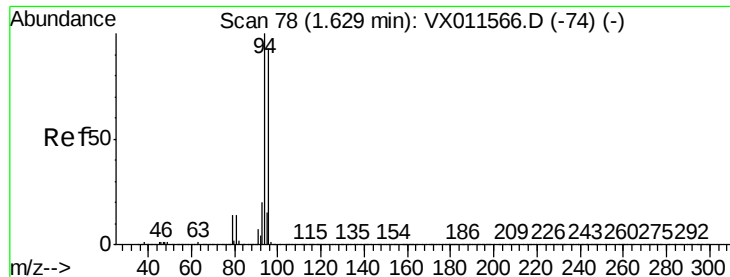
Tgt Ion: 62 Resp: 60883

Ion Ratio Lower Upper

62 100

64 32.2 25.0 37.4





#5

Bromomethane

Concen: 23.511 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Tot Ion: 94 Resp: 31615

Ion Ratio Lower Upper

94 100

96 93.2 74.8 112.2

Instrument :

MSVOA_X

ClientSampleId :

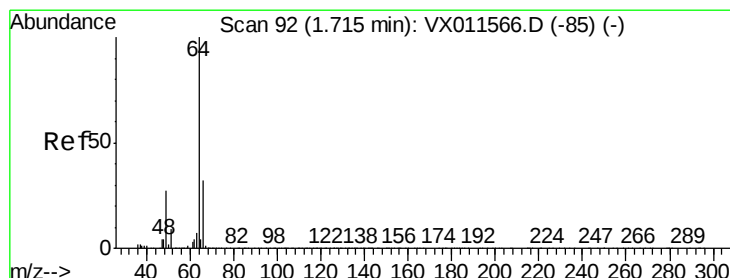
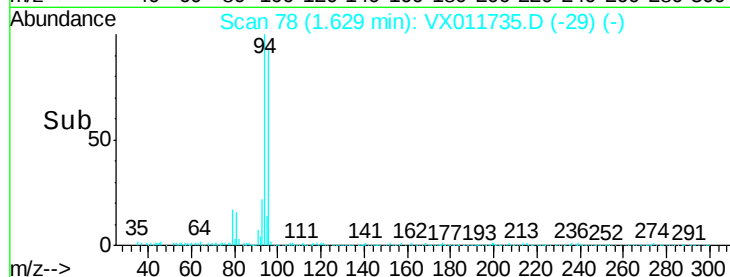
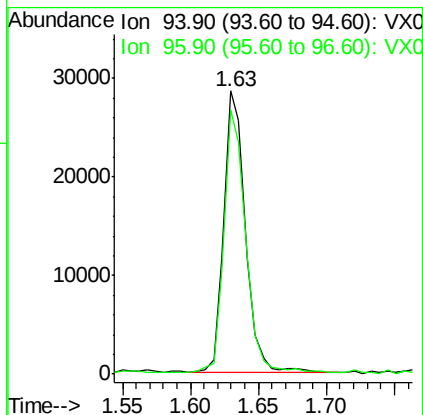
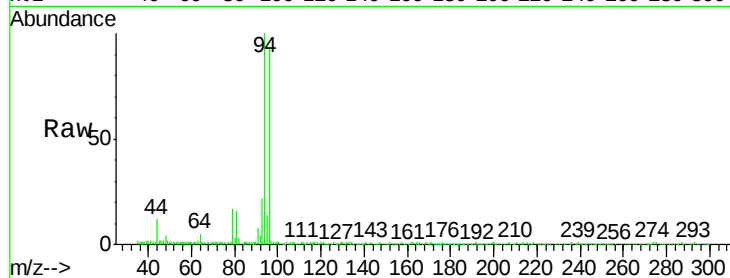
VX0821WBSD01

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#6

Chloroethane

Concen: 25.926 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX011735.D

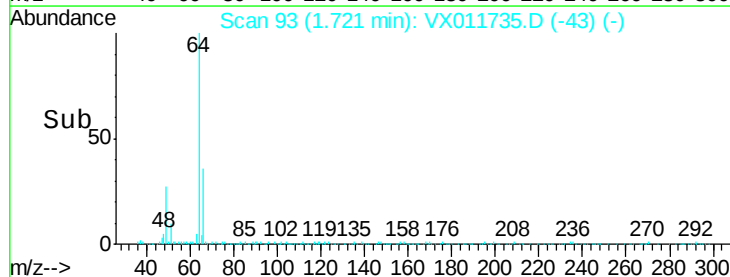
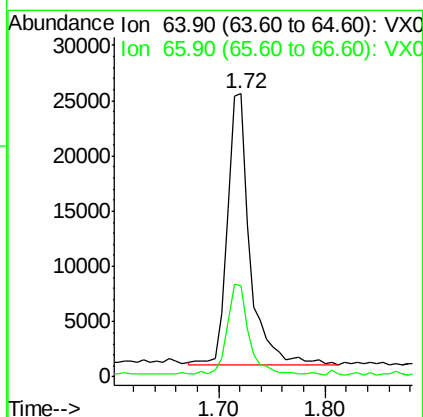
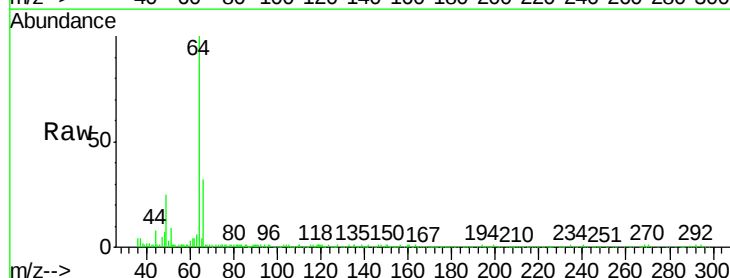
Acq: 21 Aug 2019 16:17

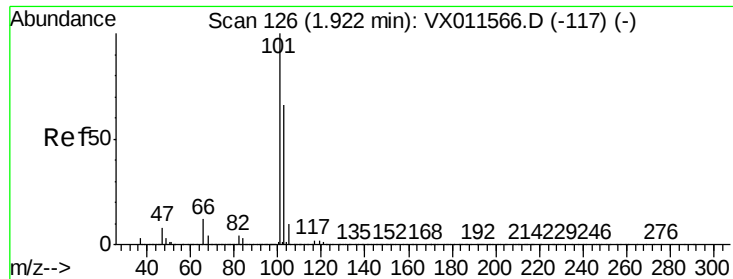
Tgt Ion: 64 Resp: 36824

Ion Ratio Lower Upper

64 100

66 31.7 25.3 37.9





#7

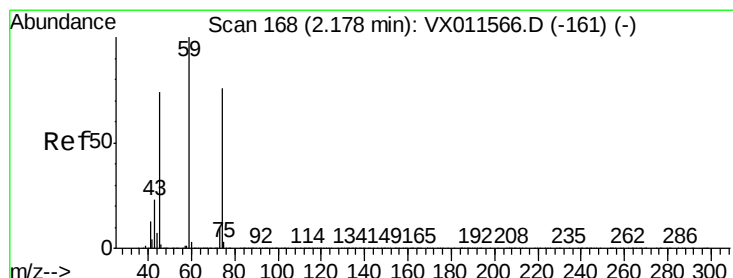
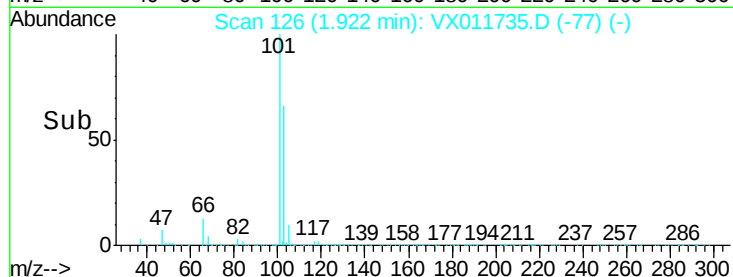
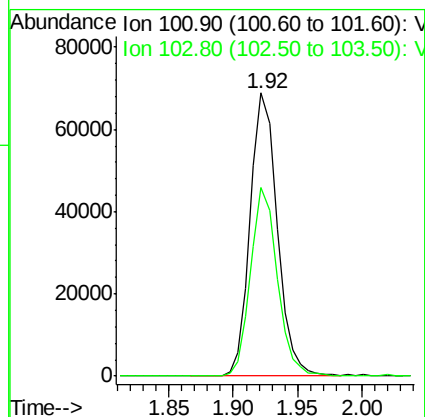
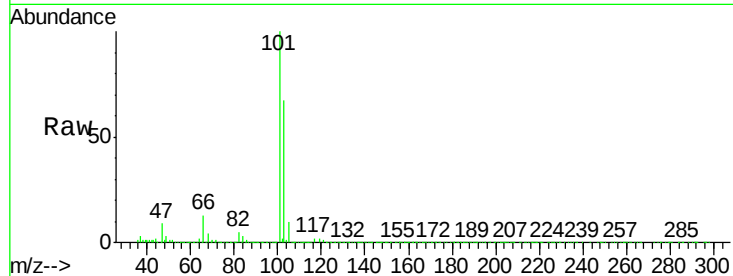
Trichlorofluoromethane
 Concen: 23.870 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX011735.D
 Acq: 21 Aug 2019 16:17

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 ClientSampleId :
 VX0821WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	52.9	79.3

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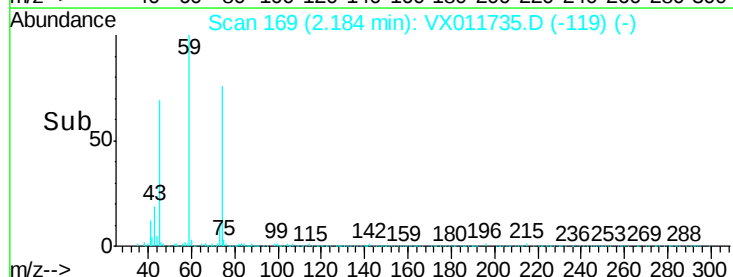
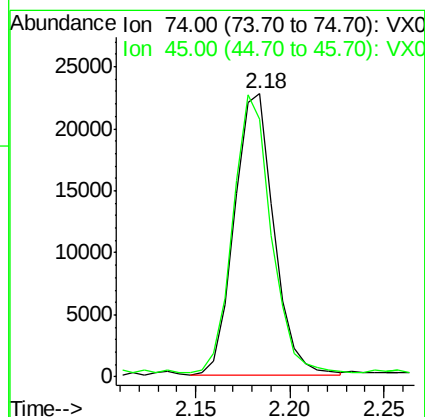
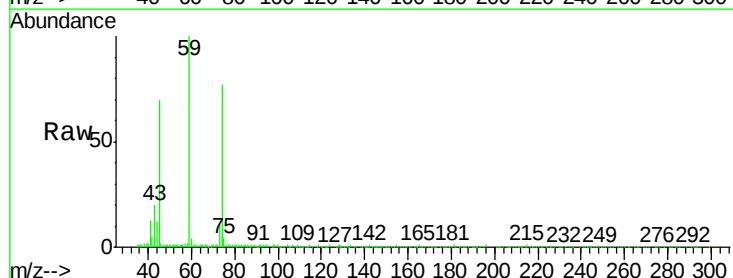
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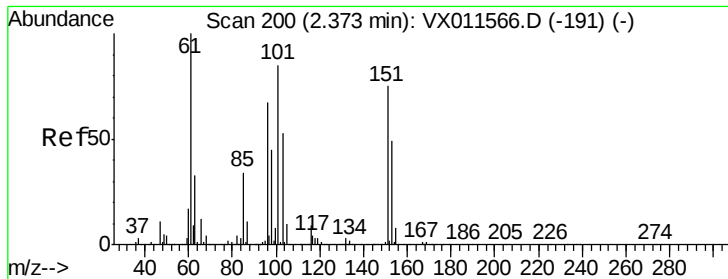


#8

Diethyl Ether
 Concen: 23.171 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.01 min
 Lab File: VX011735.D
 Acq: 21 Aug 2019 16:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.4	48.2	144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.298 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Instrument :

MSVOA_X

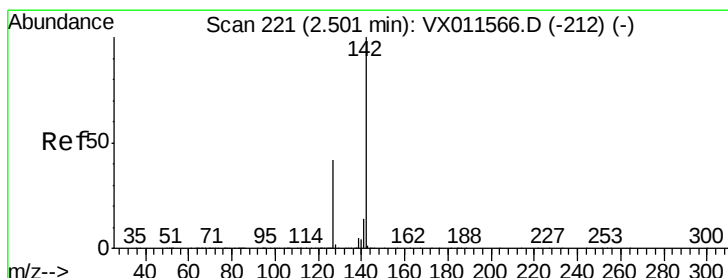
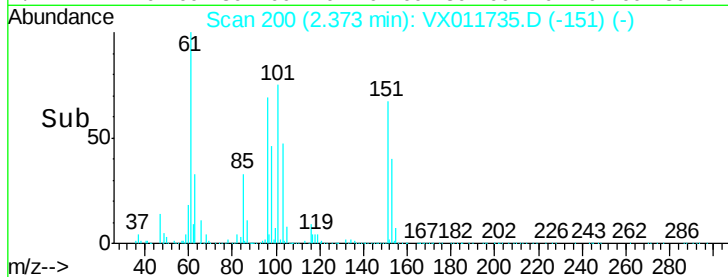
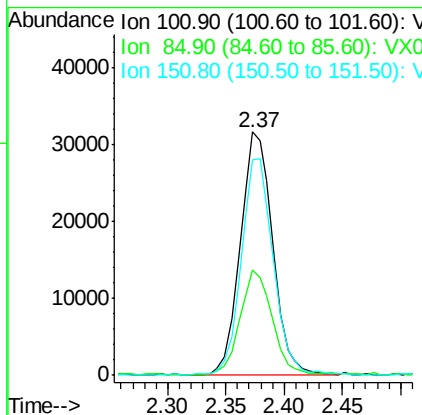
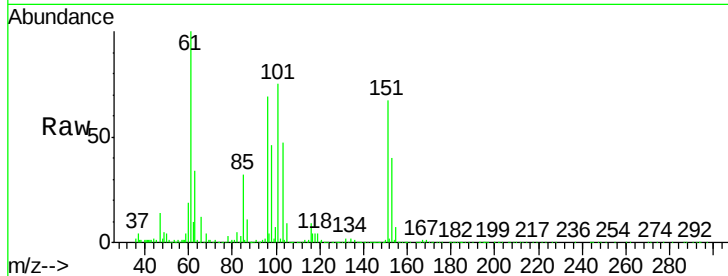
ClientSampleId :

VX0821WBSD01

Tot Ion:	101	Resp:	61148
Ion Ratio	Lower	Upper	
101	100		
85	42.9	33.0	49.4
151	89.4	73.3	109.9

Manual Integrations
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#10

Methyl Iodide

Concen: 12.623 ug/l

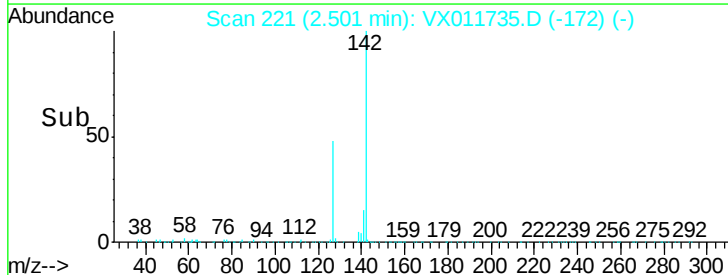
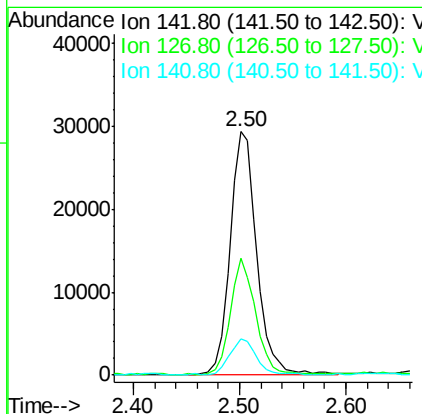
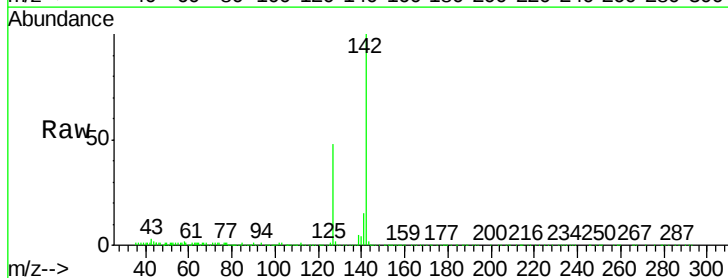
RT: 2.50 min Scan# 221

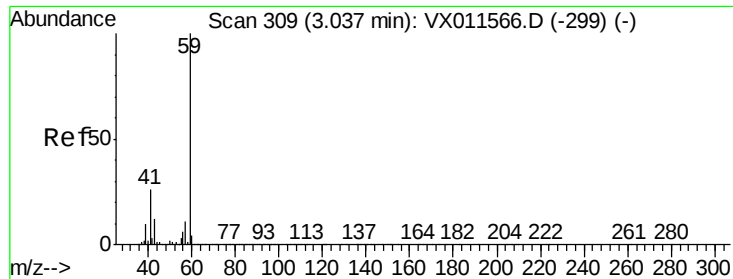
Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Tgt Ion:	142	Resp:	51630
Ion Ratio	Lower	Upper	
142	100		
127	45.9	32.8	49.2
141	15.4	11.4	17.2





#11

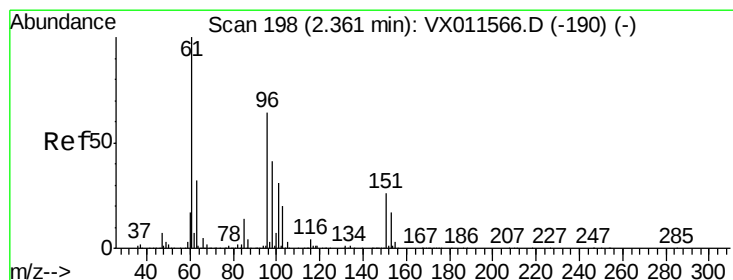
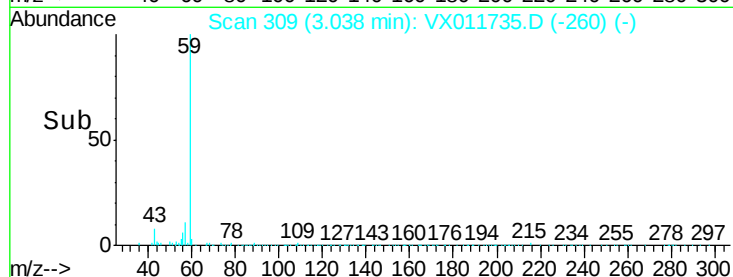
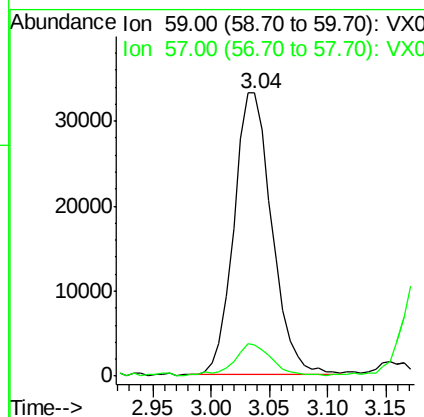
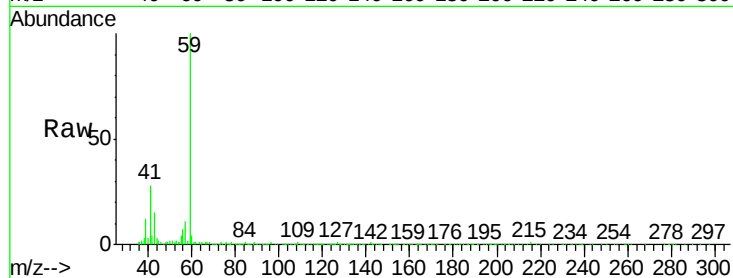
Tert butyl alcohol
Concen: 100.851 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011735.D
Acq: 21 Aug 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.7	13.1

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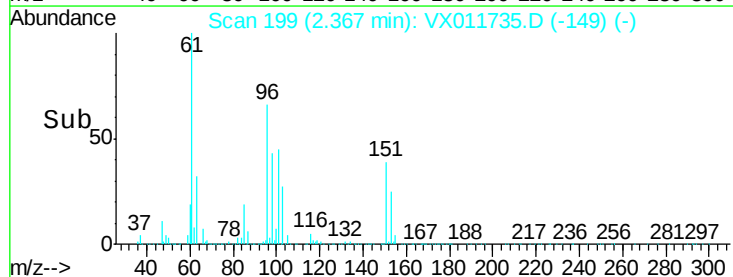
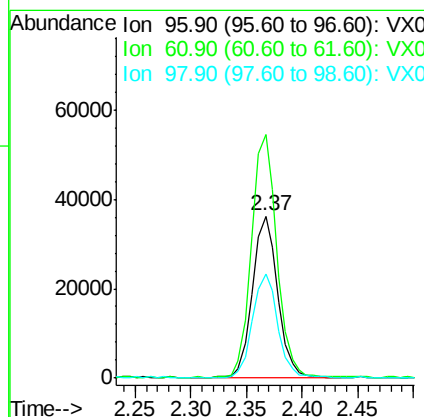
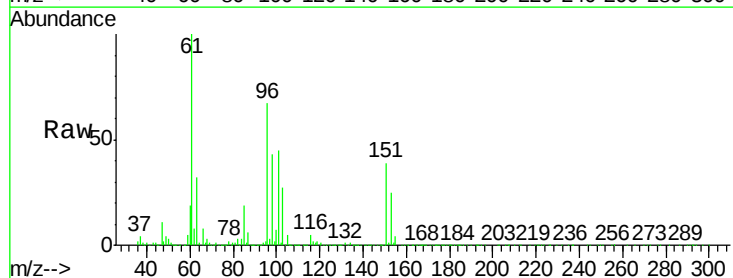
MMDadoda
8/22/2019 10:01:15 AM

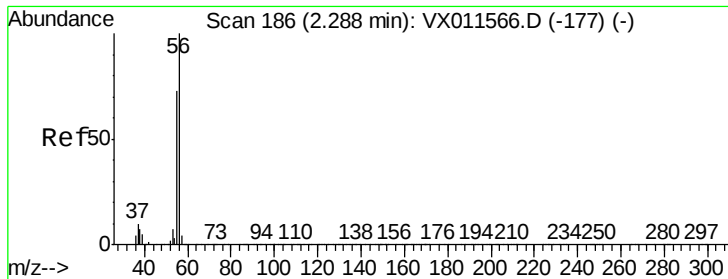


#12

1,1-Dichloroethene
Concen: 20.492 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.01 min
Lab File: VX011735.D
Acq: 21 Aug 2019 16:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.9	125.0	187.4
98	64.0	51.5	77.3





#13

Acrolein

Concen: 103.836 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

Tot Ion: 56 Resp: 21948

Ion Ratio Lower Upper

56 100

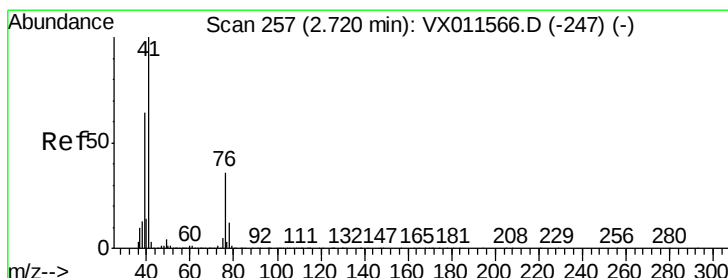
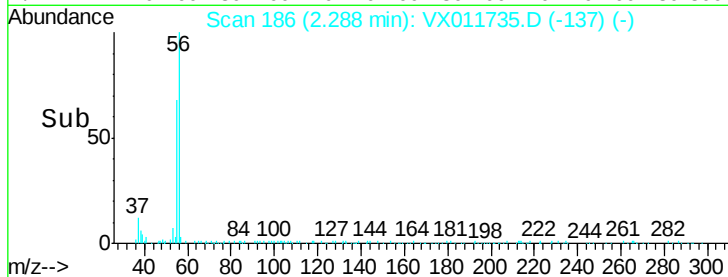
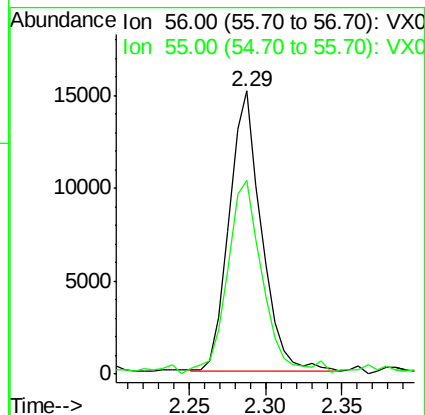
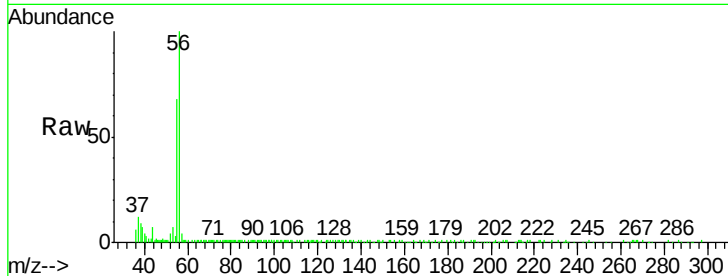
55 76.8 55.5 83.3

Manual Integrations

APPROVED

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#14

Allyl chloride

Concen: 19.167 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

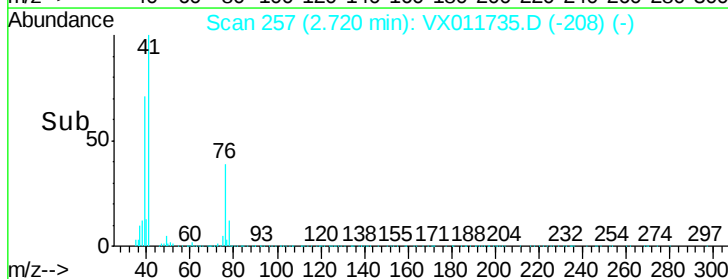
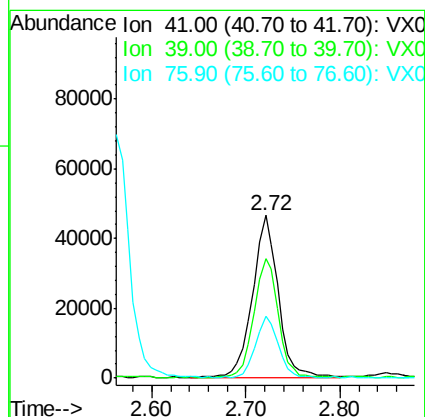
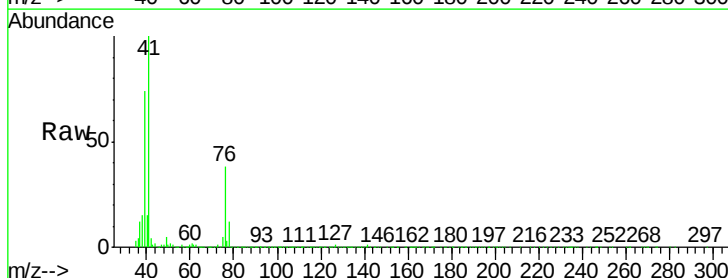
Tgt Ion: 41 Resp: 88467

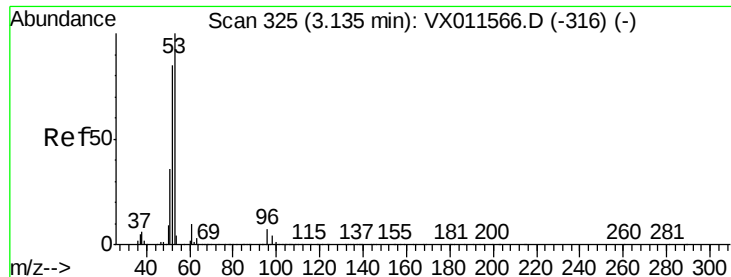
Ion Ratio Lower Upper

41 100

39 68.5 47.5 71.3

76 33.4 26.3 39.5





#15

Acrylonitrile

Concen: 103.385 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Instrument :

MSVOA_X

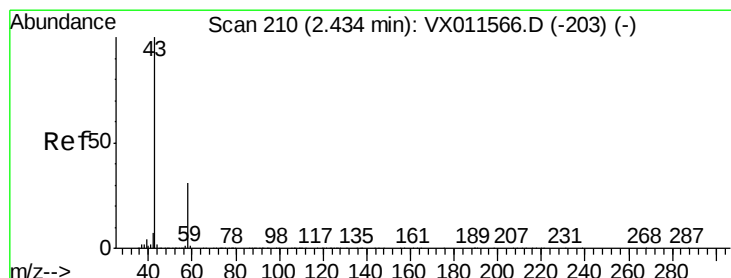
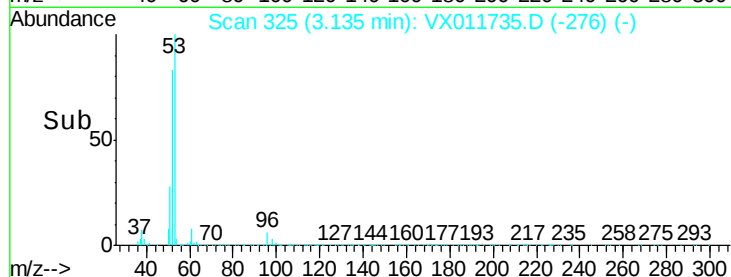
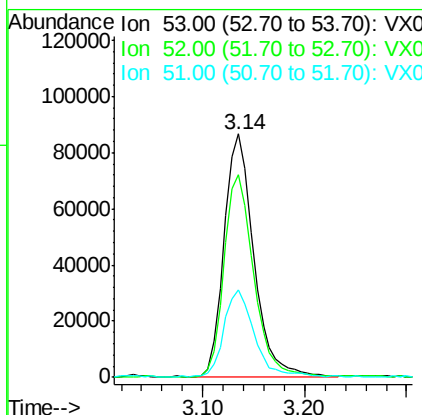
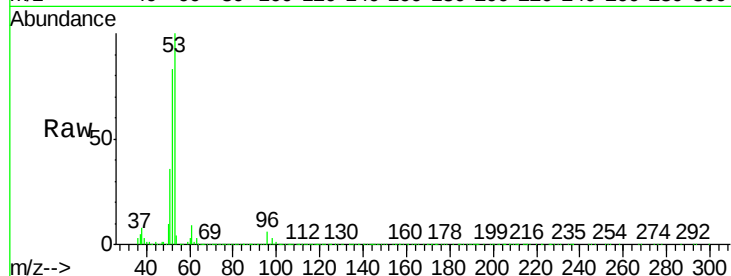
ClientSampleId :

VX0821WBSD01

Tot Ion:	53	Resp:	175177
Ion Ratio		Lower	Upper
53	100		
52	83.8	66.7	100.1
51	36.6	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 114.474 ug/l

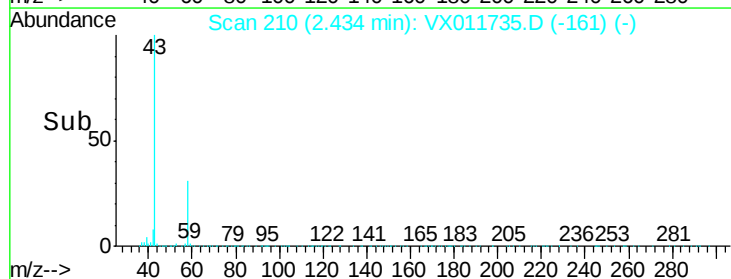
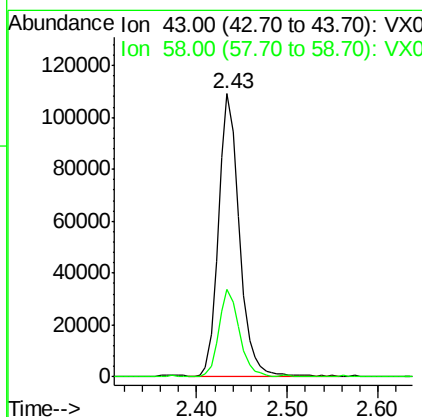
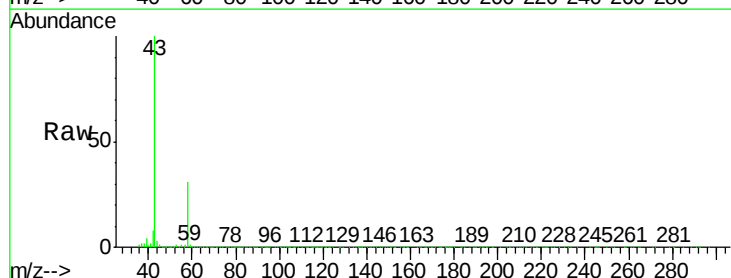
RT: 2.43 min Scan# 210

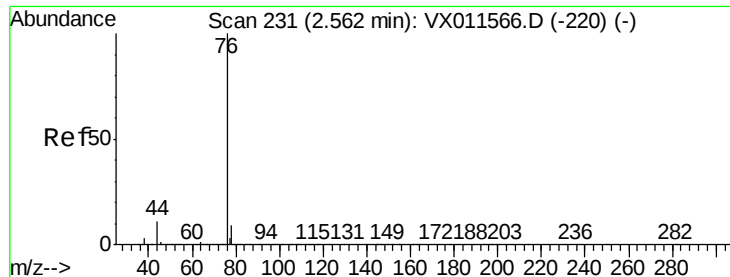
Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Tgt Ion:	43	Resp:	173701
Ion Ratio		Lower	Upper
43	100		
58	30.7	25.2	37.8





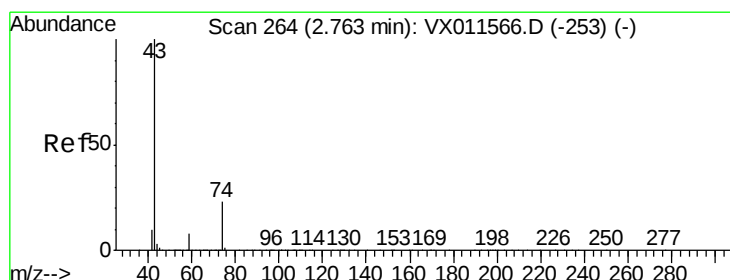
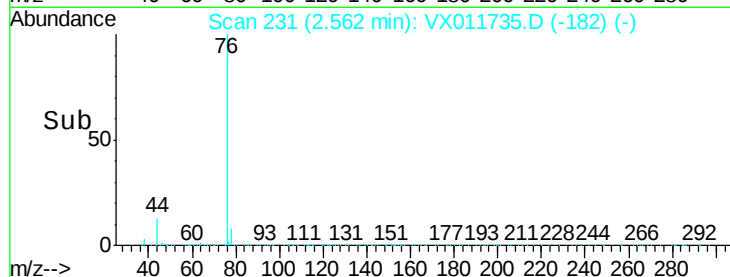
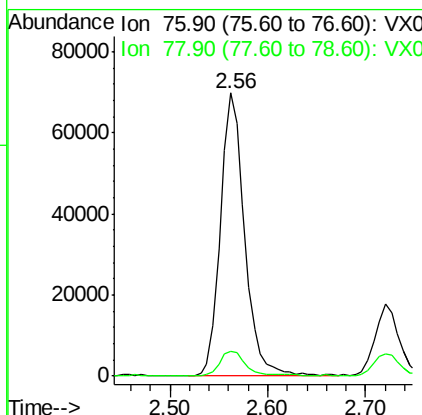
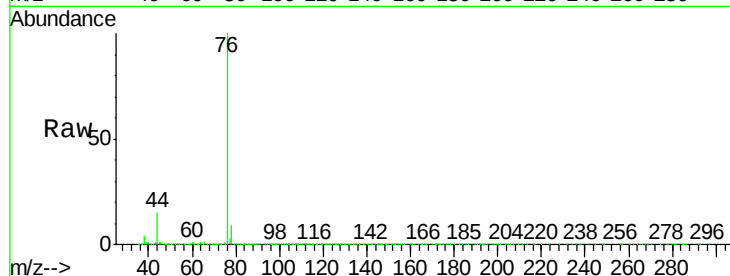
#17
Carbon Disulfide
Concen: 18.286 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011735.D
Acq: 21 Aug 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.2	10.8

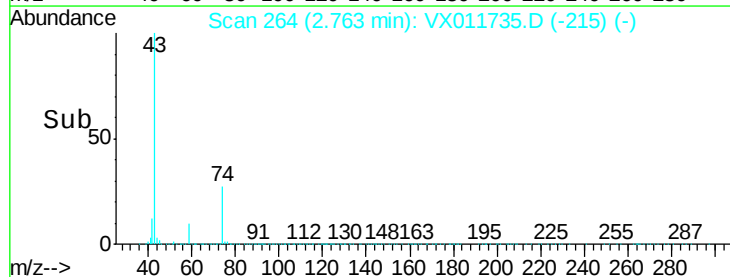
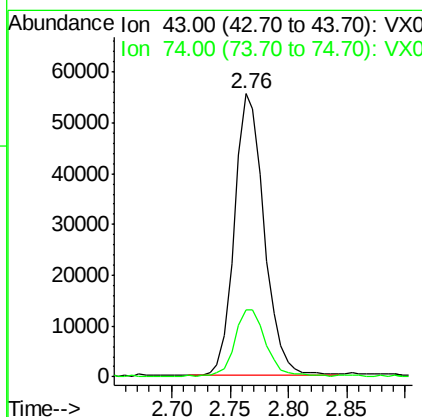
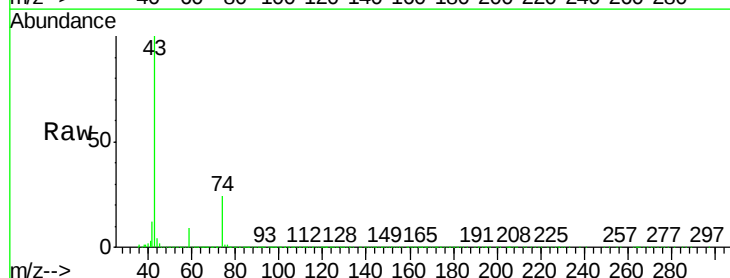
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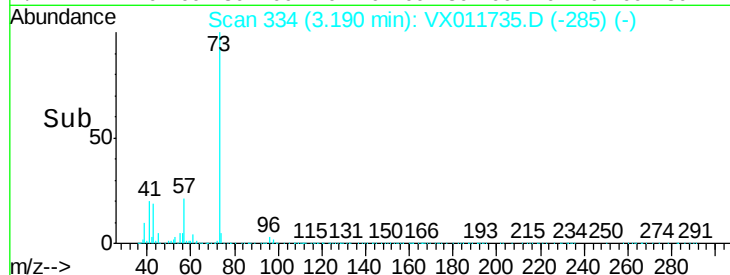
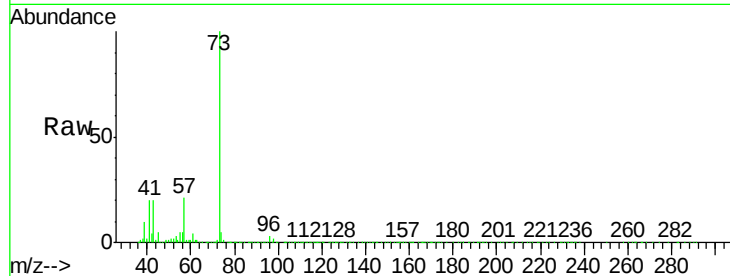
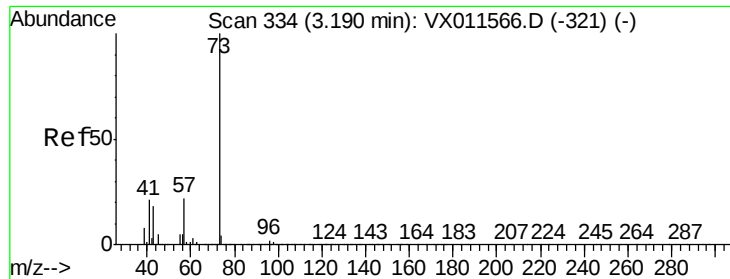
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#18
Methyl Acetate
Concen: 21.159 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011735.D
Acq: 21 Aug 2019 16:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	19.7	29.5





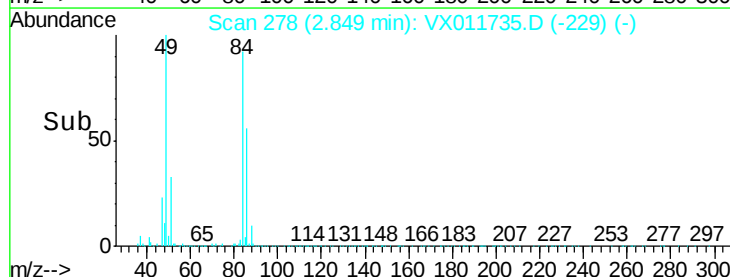
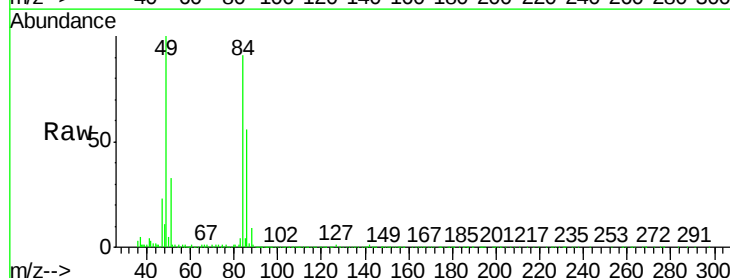
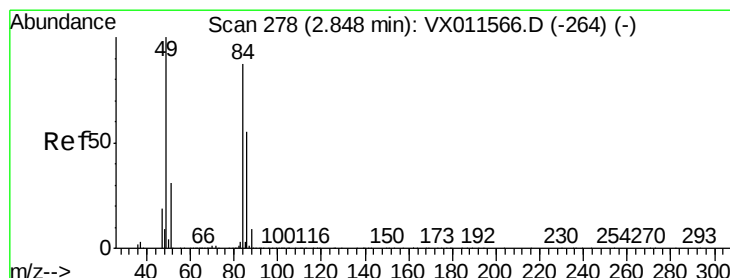
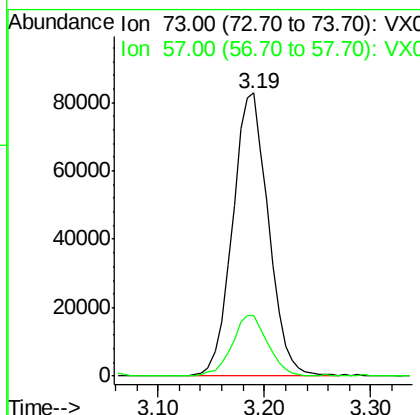
#19
Methvl tert-butvl Ether
Concen: 21.481 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.00 min
Lab File: VX011735.D
Acq: 21 Aug 2019 16:17

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.2	25.8

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

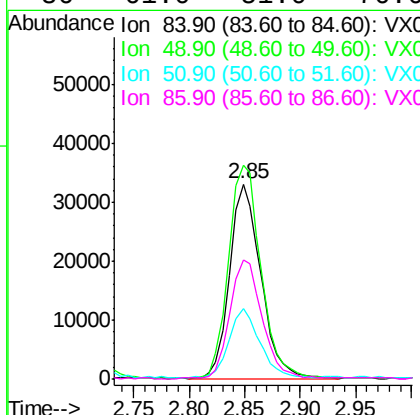
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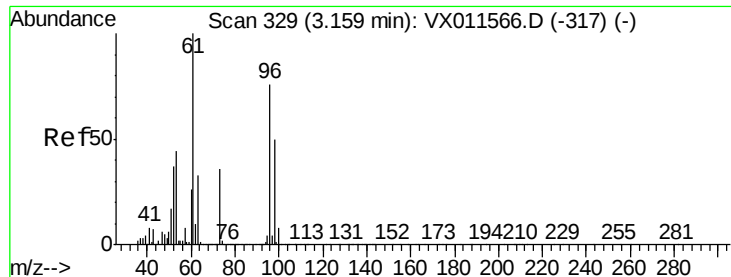
MMDadoda
8/22/2019 10:01:15 AM



#20
Methylene Chloride
Concen: 20.324 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011735.D
Acq: 21 Aug 2019 16:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.2	92.4	138.6
51	35.5	28.5	42.7
86	61.0	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 20.440 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Instrument :

MSVOA_X

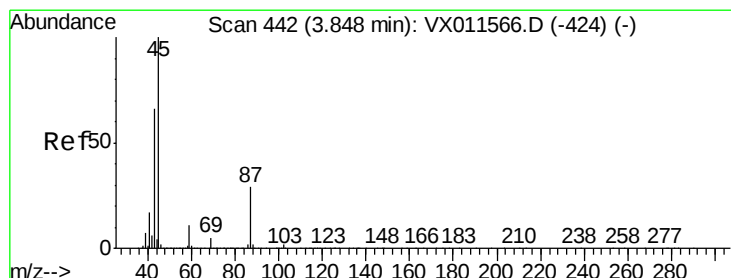
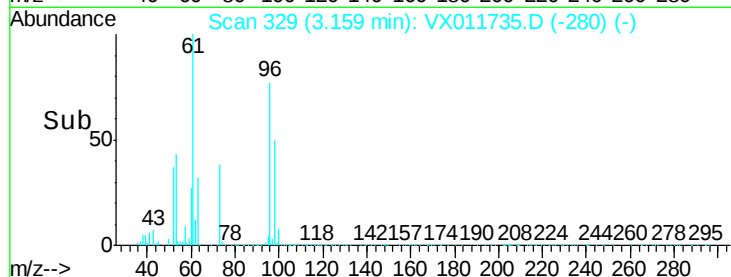
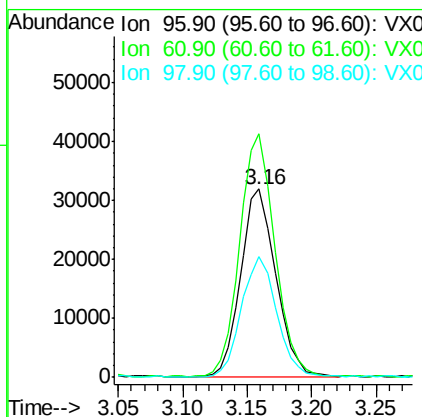
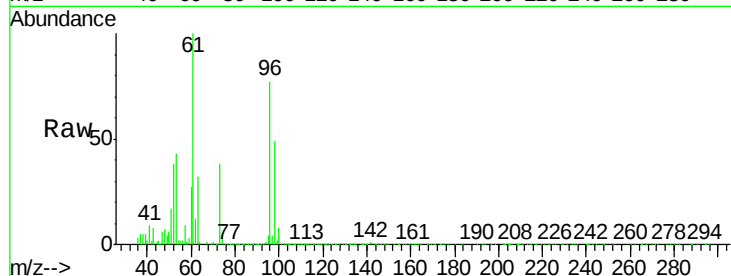
ClientSampleId :

VX0821WBSD01

Tot Ion:	96	Resp:	60100
Ion	Ratio	Lower	Upper
96	100		
61	129.9	105.5	158.3
98	63.9	52.6	78.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.409 ug/l

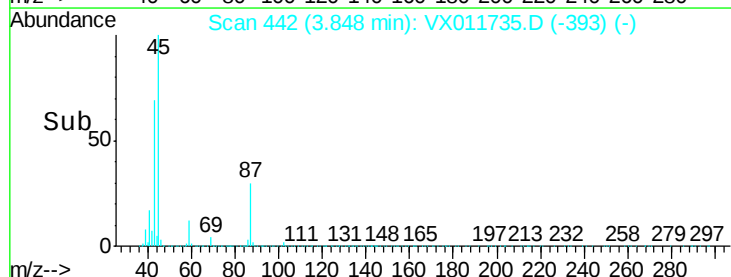
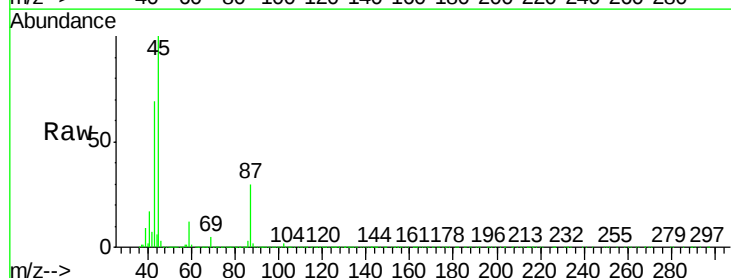
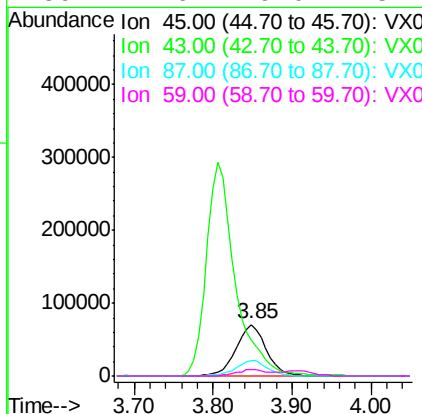
RT: 3.85 min Scan# 442

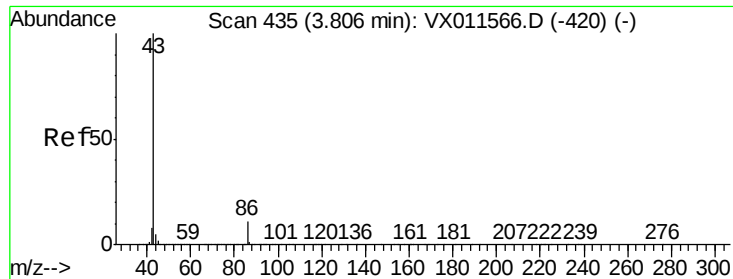
Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Tgt Ion:	45	Resp:	187599
Ion	Ratio	Lower	Upper
45	100		
43	68.2	52.7	79.1
87	30.0	23.5	35.3
59	11.6	9.0	13.4





#23

Vinyl Acetate

Concen: 103.016 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Tot Ion: 43 Resp: 749834

Ion Ratio Lower Upper

43 100

86 11.1 8.6 13.0

Instrument :

MSVOA_X

ClientSampleId :

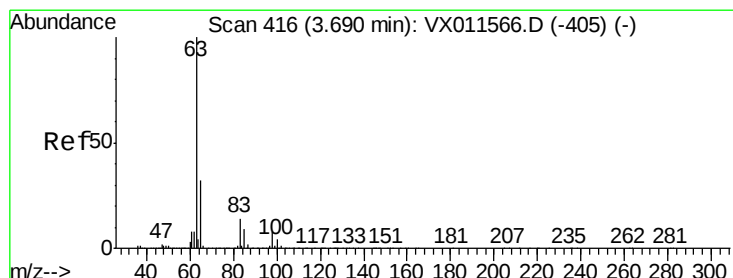
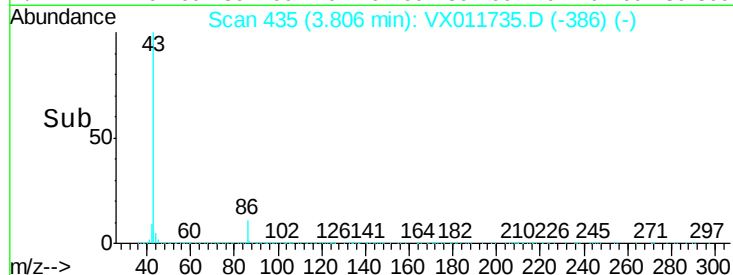
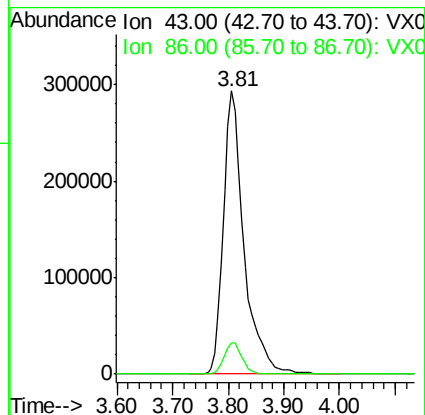
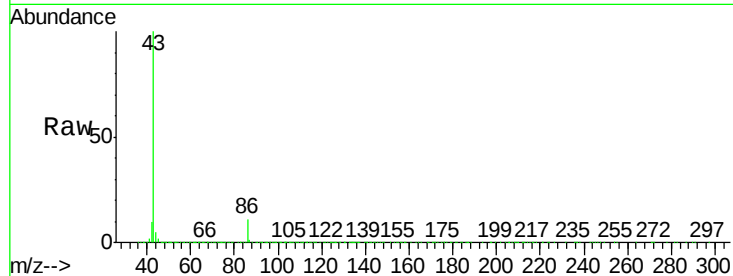
VX0821WBSD01

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#24

1,1-Dichloroethane

Concen: 20.687 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

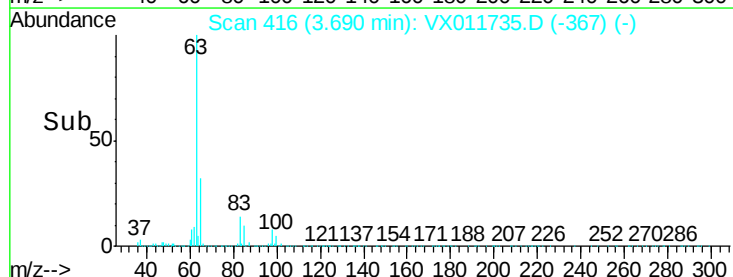
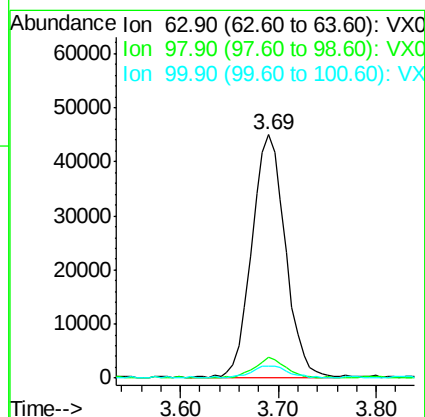
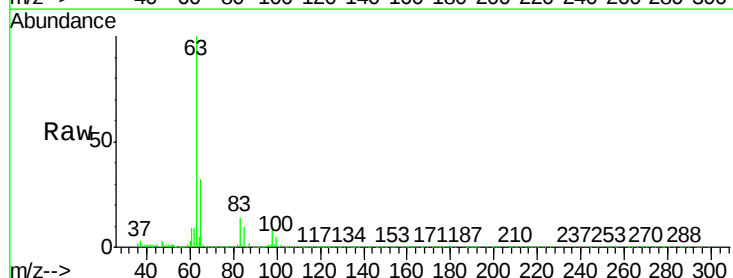
Tgt Ion: 63 Resp: 107512

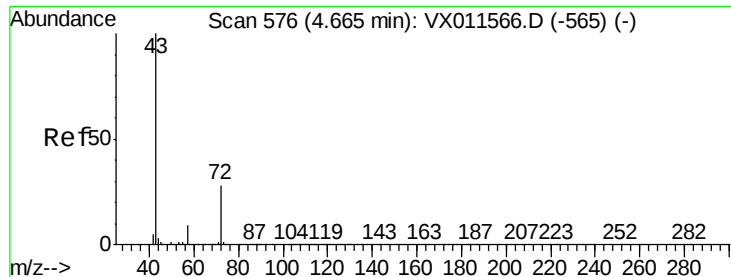
Ion Ratio Lower Upper

63 100

98 8.5 3.7 11.1

100 4.8 2.1 6.3





#25

2-Butanone

Concen: 105.838 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

Tot Ion: 43 Resp: 252122

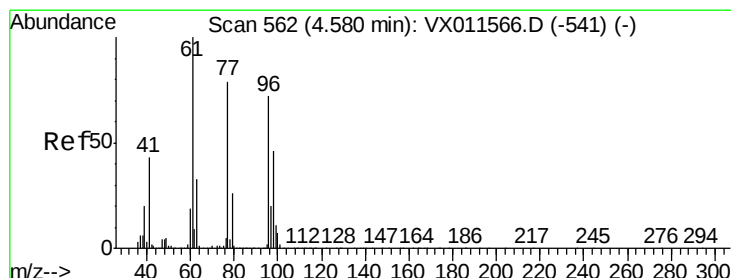
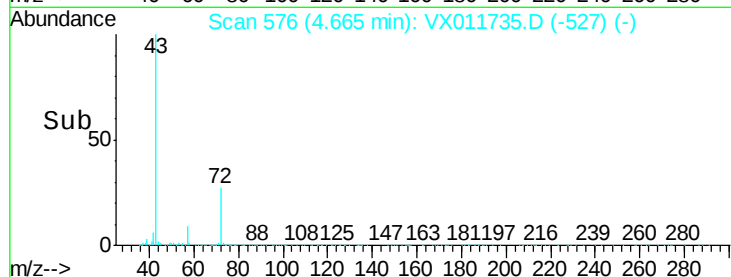
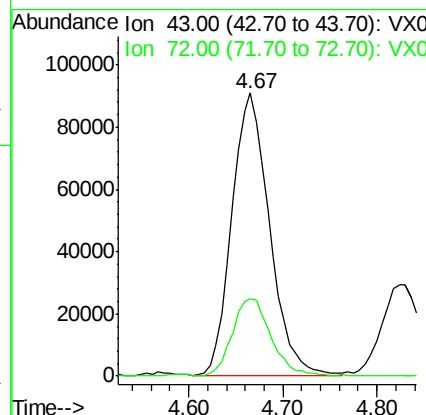
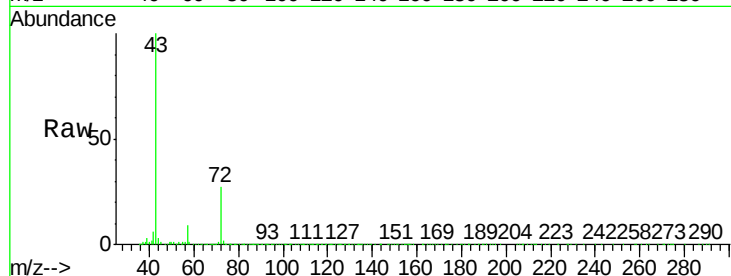
Ion Ratio Lower Upper

43 100

72 27.2 22.2 33.4

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 22.955 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX011735.D

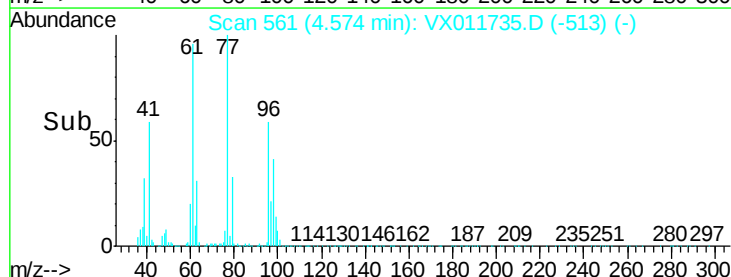
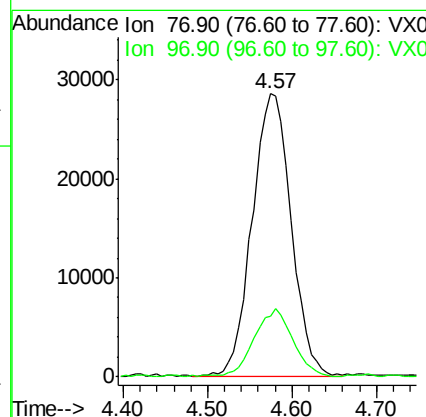
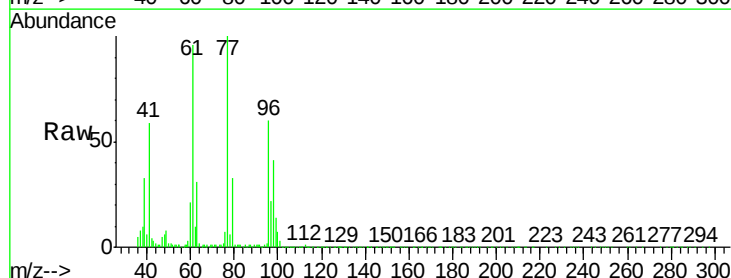
Acq: 21 Aug 2019 16:17

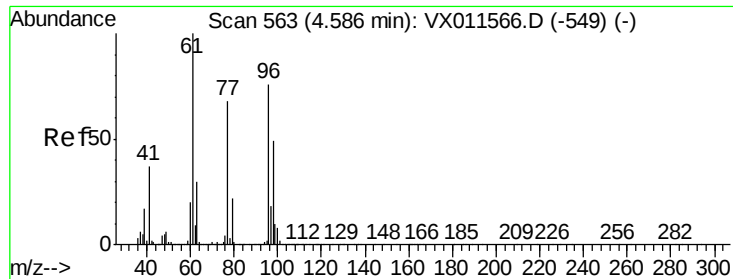
Tgt Ion: 77 Resp: 89787

Ion Ratio Lower Upper

77 100

97 24.3 12.4 37.2





#27

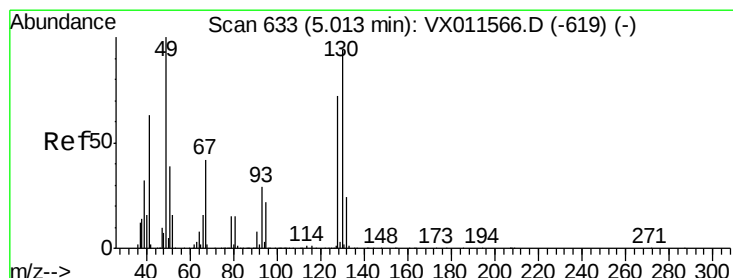
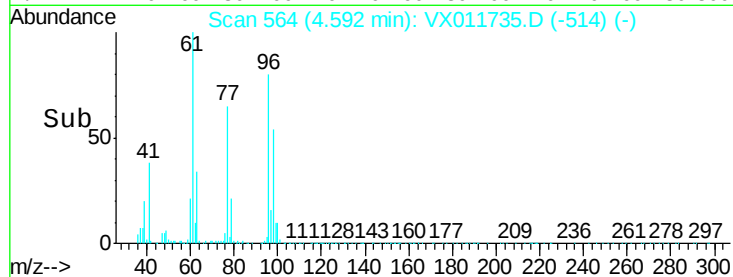
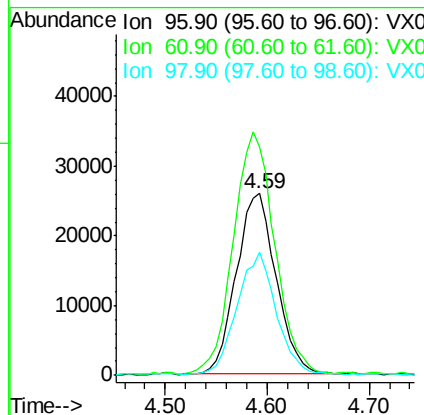
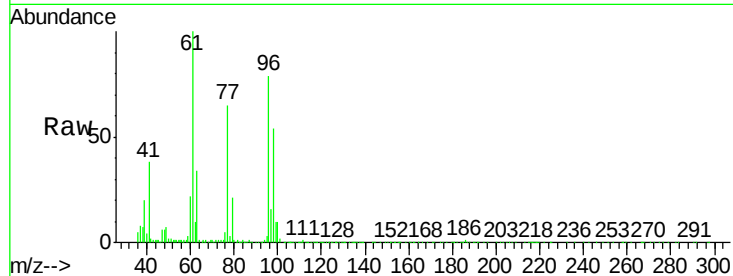
cis-1,2-Dichloroethene
Concen: 20.391 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011735.D
Acq: 21 Aug 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	272.6
98	67.1	0.0	129.4

Manual Integrations
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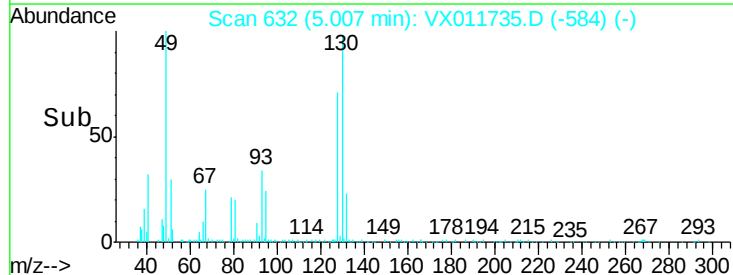
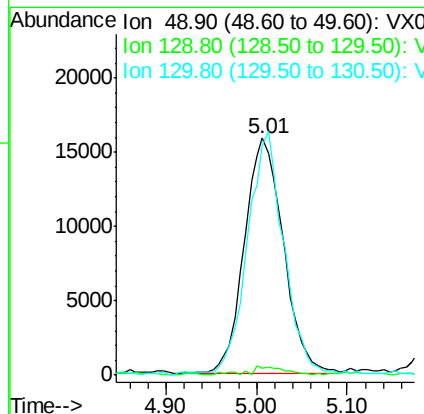
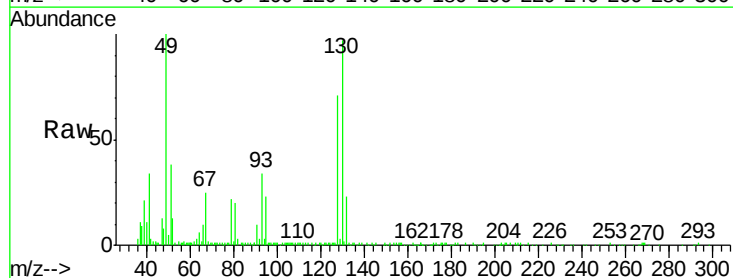
MMDadoda
8/22/2019 10:01:15 AM

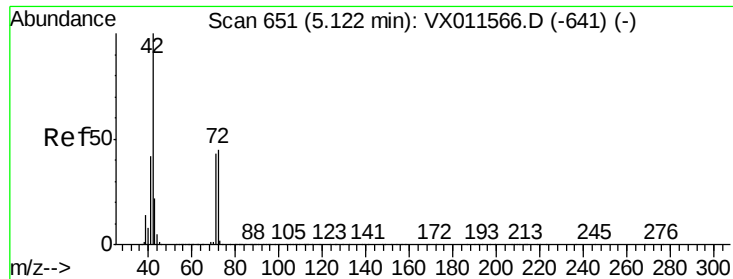


#28

Bromochloromethane
Concen: 20.605 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX011735.D
Acq: 21 Aug 2019 16:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.0
130	93.8	76.6	115.0





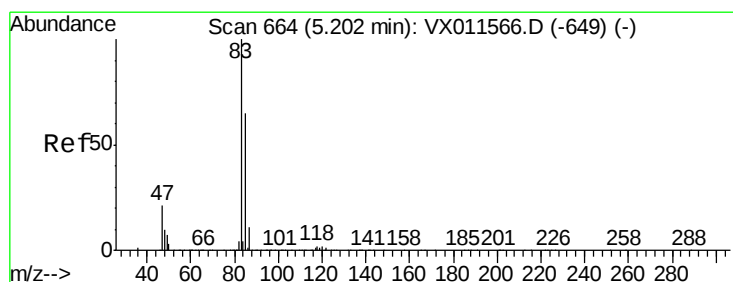
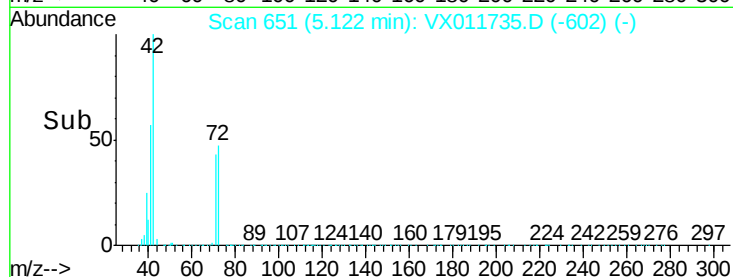
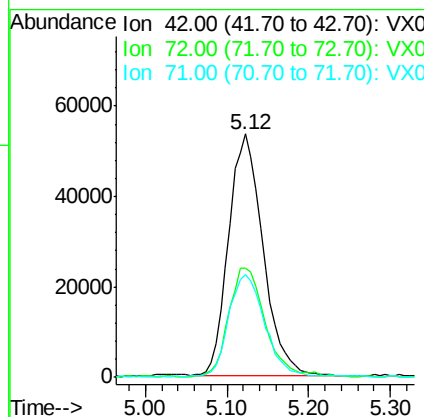
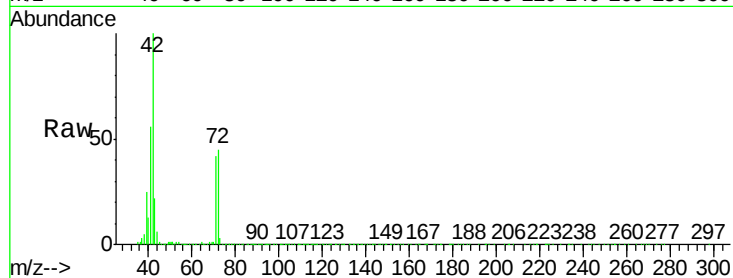
#29
Tetrahydrofuran
Concen: 99.486 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.00 min
Lab File: VX011735.D
Acq: 21 Aug 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.3	36.1	54.1
71	45.2	33.8	50.8

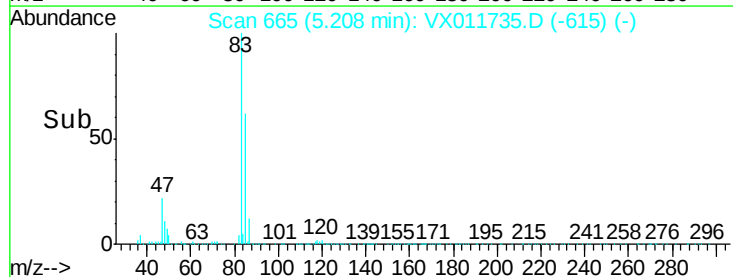
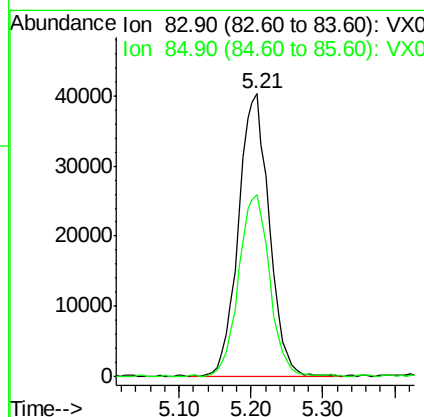
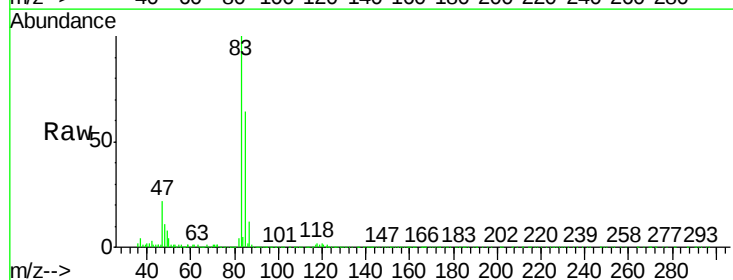
Manual Integrations
APPROVED

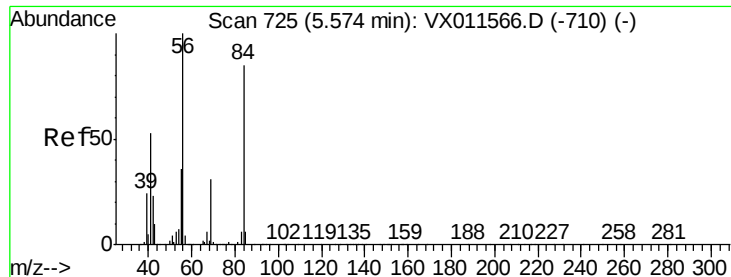
MMDadoda
8/22/2019 10:01:15 AM



#30
Chloroform
Concen: 21.883 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.01 min
Lab File: VX011735.D
Acq: 21 Aug 2019 16:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.9	77.9





#31

Cvclohexane

Concen: 20.162 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Instrument :

MSVOA_X

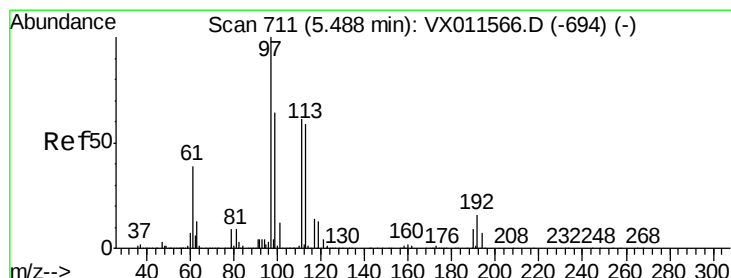
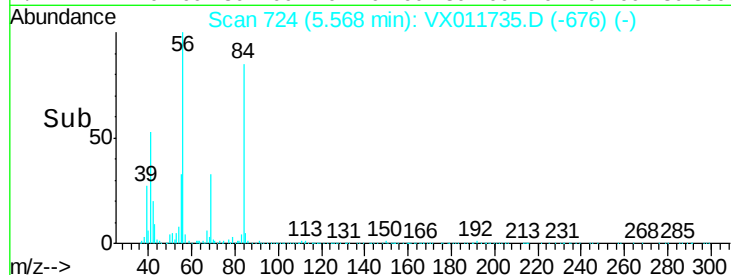
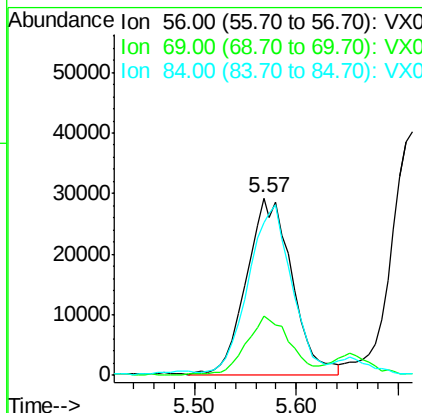
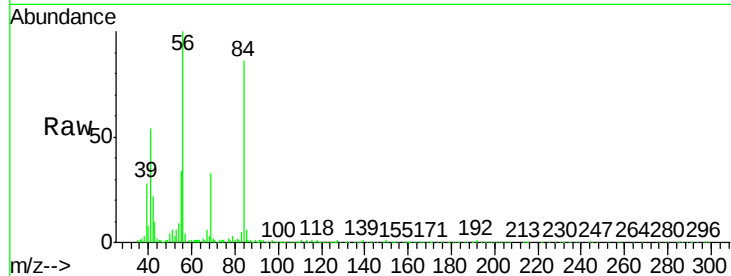
ClientSampleId :

VX0821WBSD01

Tot Ion:	56	Resp:	90217
Ion Ratio	Lower	Upper	
56	100		
69	32.7	24.8	37.2
84	84.3	67.9	101.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.918 ug/l

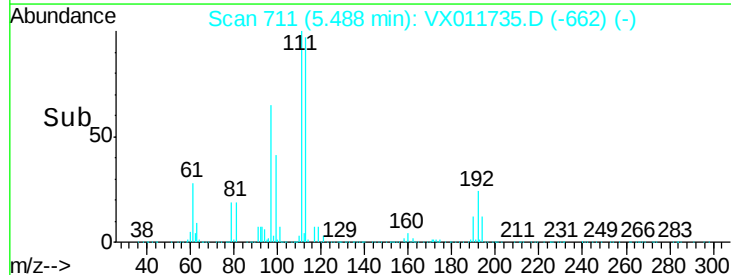
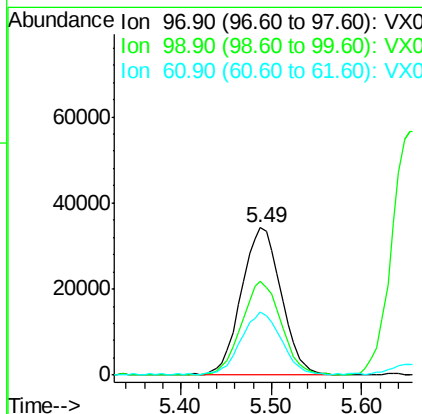
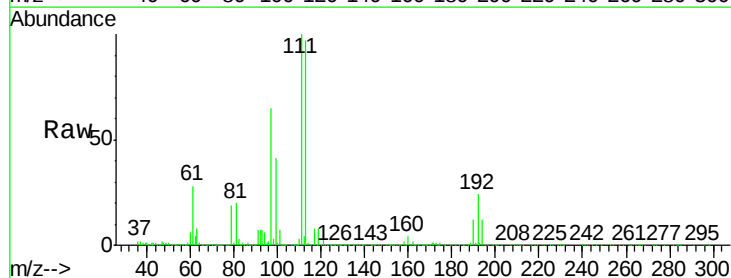
RT: 5.49 min Scan# 711

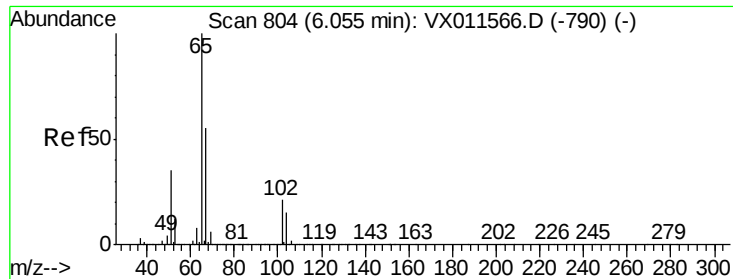
Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Tgt Ion:	97	Resp:	103363
Ion Ratio	Lower	Upper	
97	100		
99	63.8	51.4	77.0
61	42.4	31.4	47.2





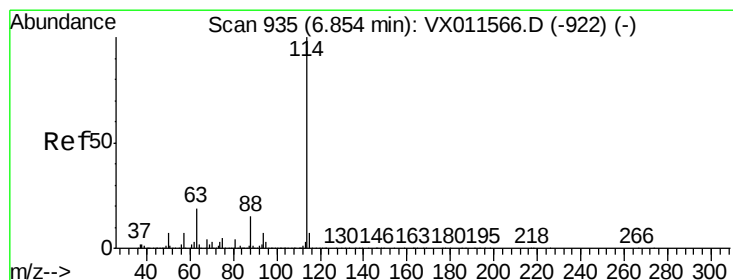
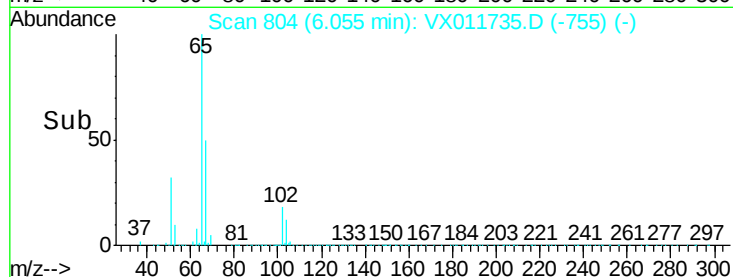
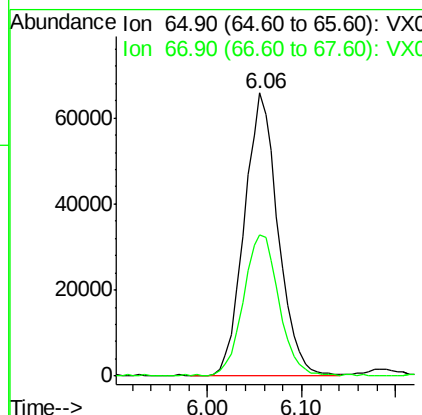
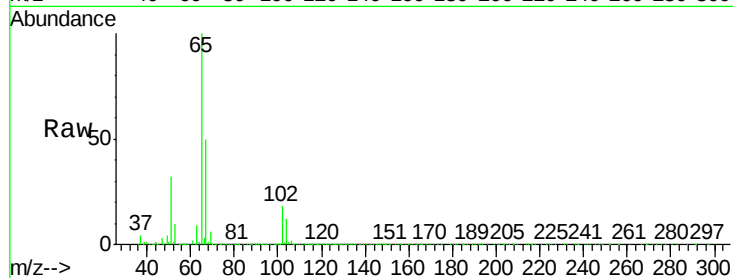
#33
 1,2-Dichloroethane-d4
 Concen: 54.854 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011735.D
 Acq: 21 Aug 2019 16:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	165535		
67	51.7	0.0	107.6	

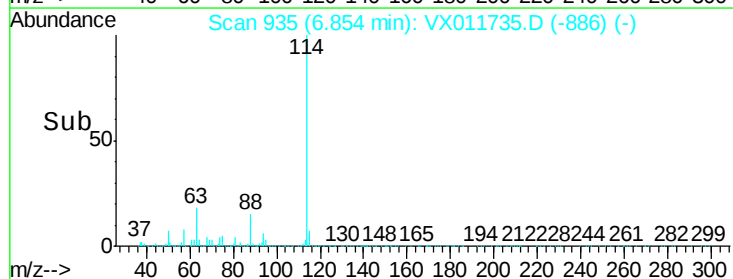
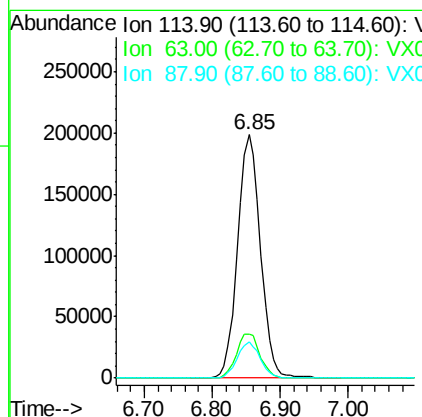
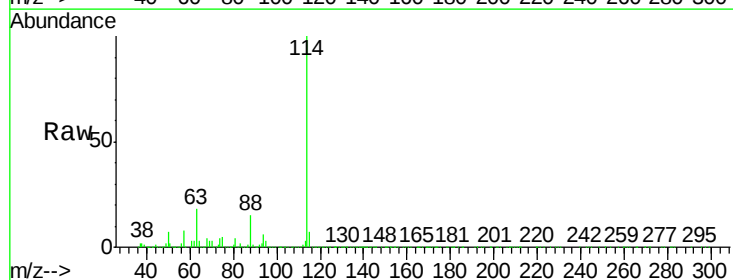
Manual Integrations
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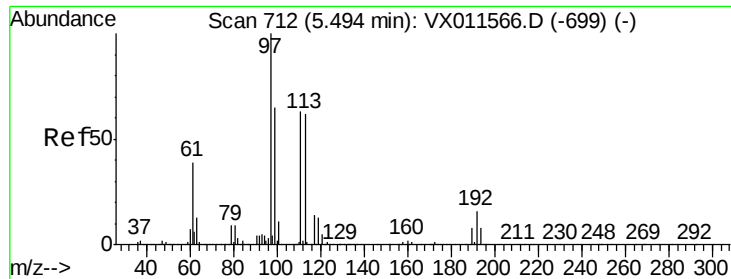
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 8/22/2019 10:01:15 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011735.D
 Acq: 21 Aug 2019 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	465043		
63	17.8	0.0	37.8	
88	14.7	0.0	30.2	





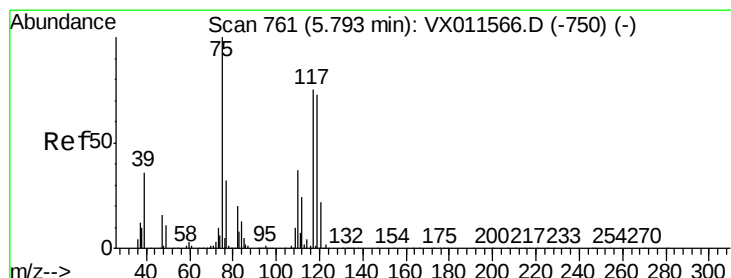
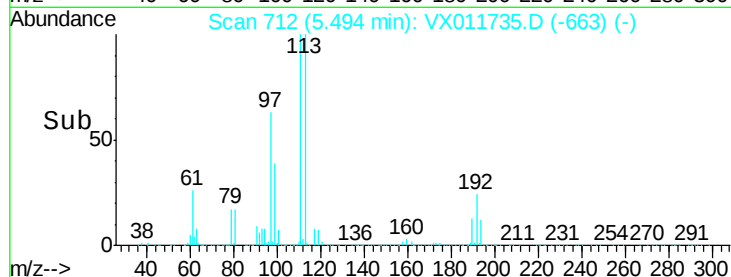
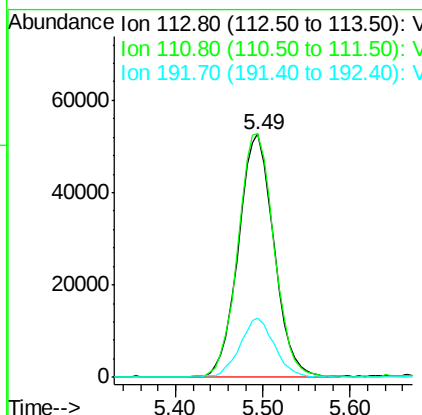
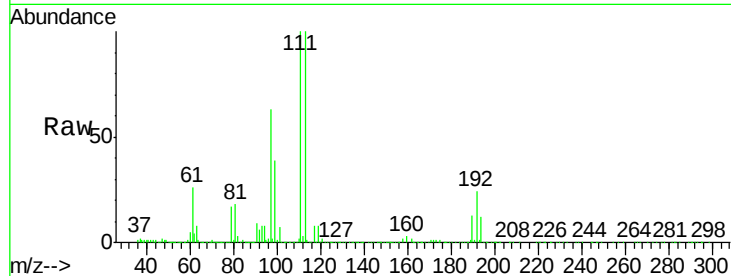
#35
 Dibromofluoromethane
 Concen: 48.561 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011735.D
 Acq: 21 Aug 2019 16:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	147706		
111	102.3	81.1	121.7	
192	24.3	20.8	31.2	

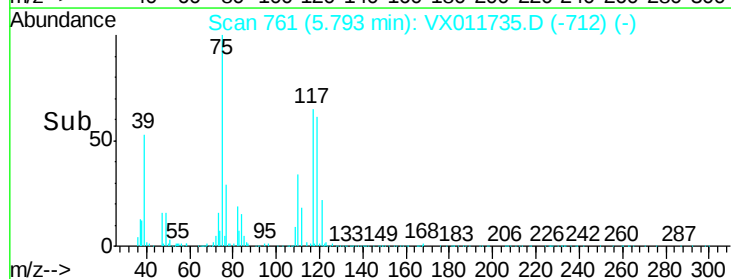
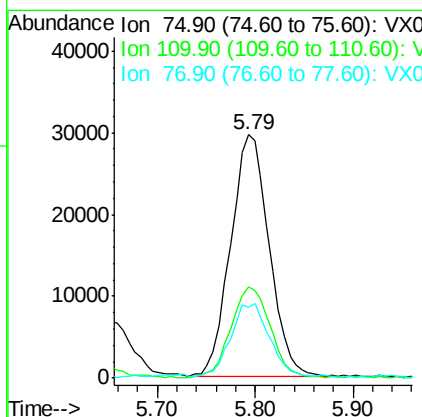
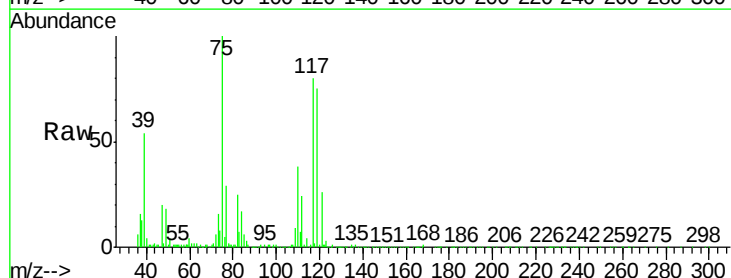
Manual Integrations
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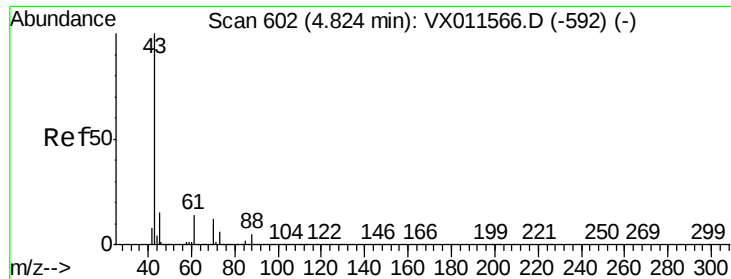
MMDadoda
 8/22/2019 10:01:15 AM



#36
 1,1-Dichloropropene
 Concen: 20.243 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: VX011735.D
 Acq: 21 Aug 2019 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	80486		
110	38.0	19.4	58.1	
77	30.1	25.1	37.7	





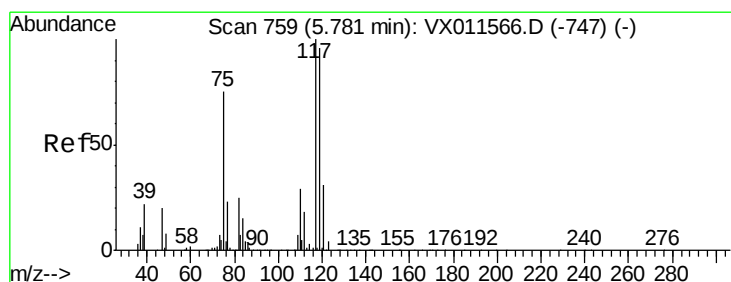
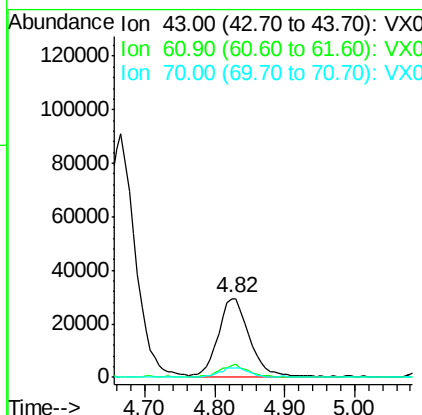
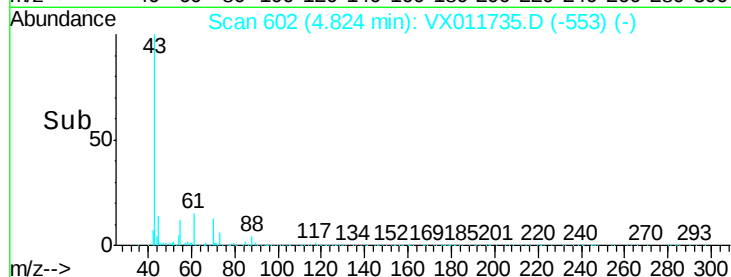
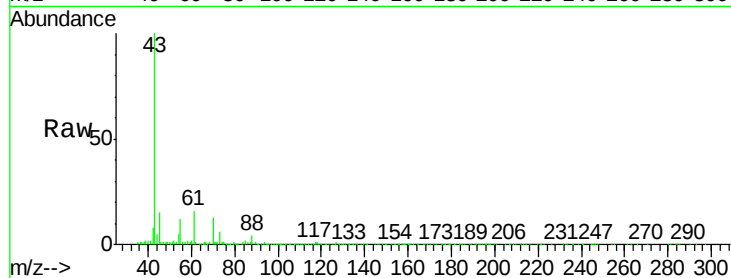
#37
Ethyl Acetate
Concen: 19.661 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011735.D
Acq: 21 Aug 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.4	17.0
70	11.7	9.0	13.6

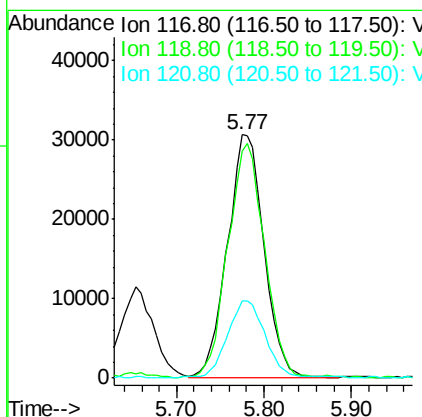
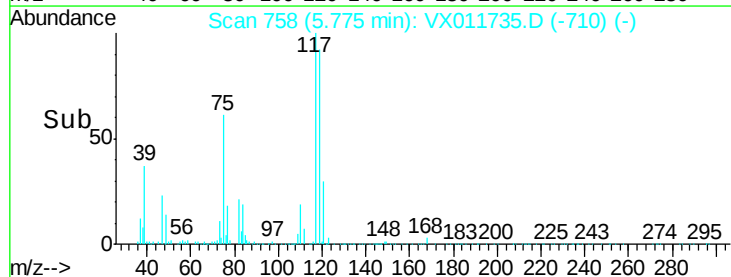
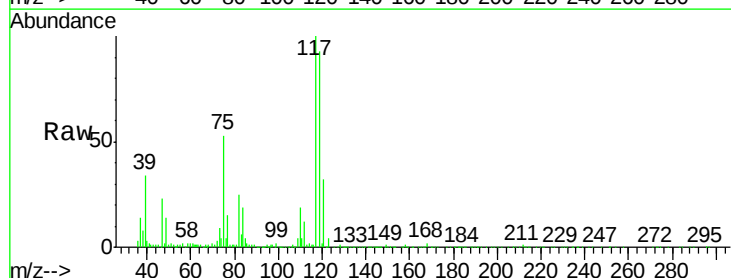
Manual Integrations
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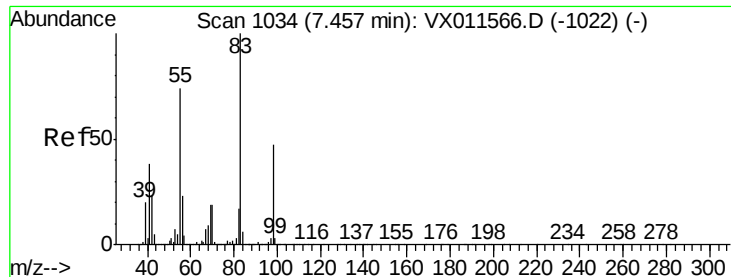
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#38
Carbon Tetrachloride
Concen: 20.205 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX011735.D
Acq: 21 Aug 2019 16:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	76.9	115.3
121	31.4	24.8	37.2





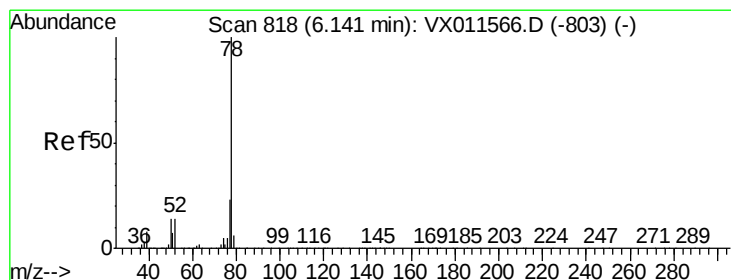
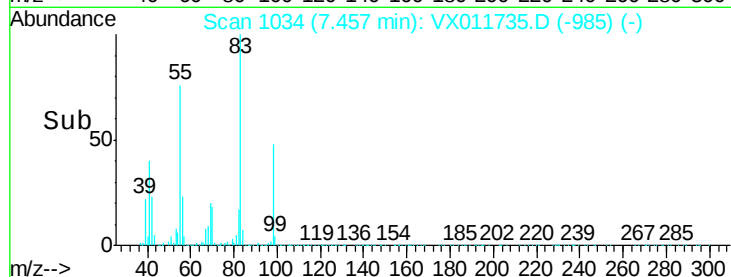
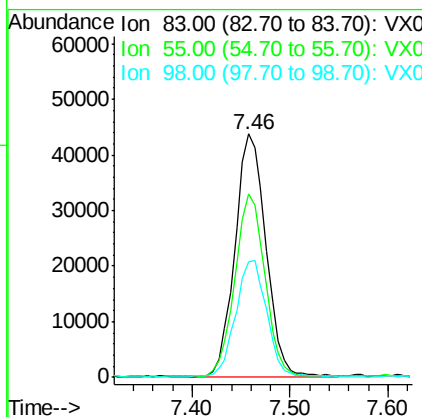
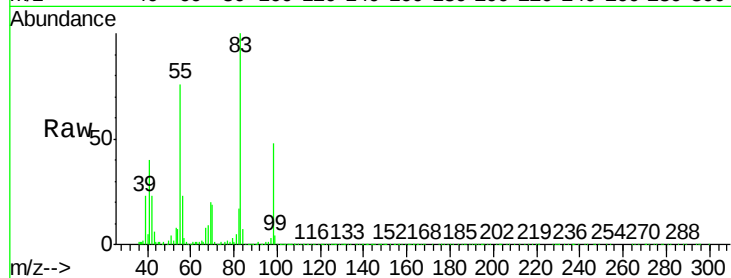
#39
Methvlcvclohexane
Concen: 19.561 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011735.D
Acq: 21 Aug 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.1	58.8	88.2
98	47.6	37.8	56.6

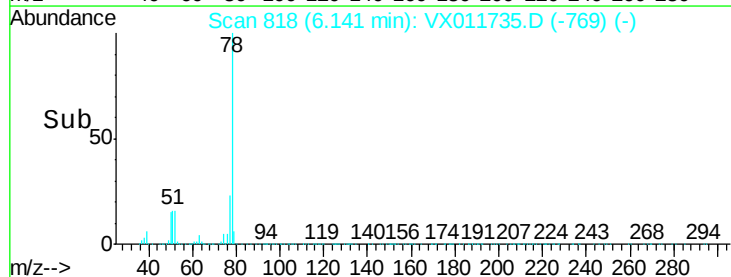
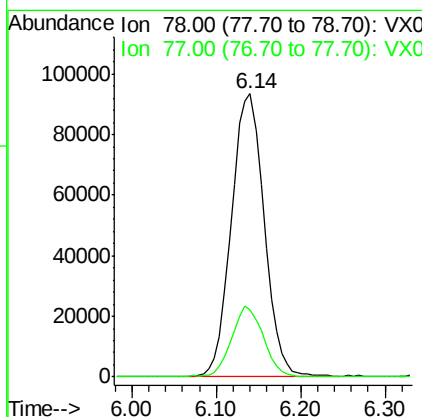
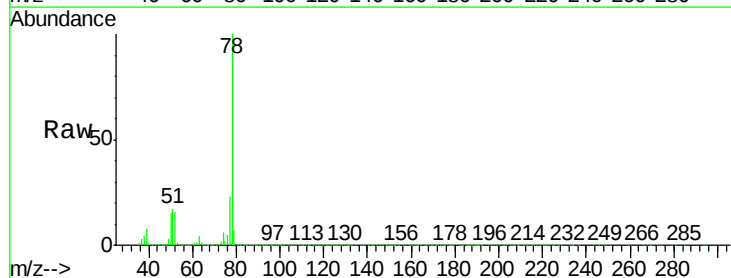
Manual Integrations
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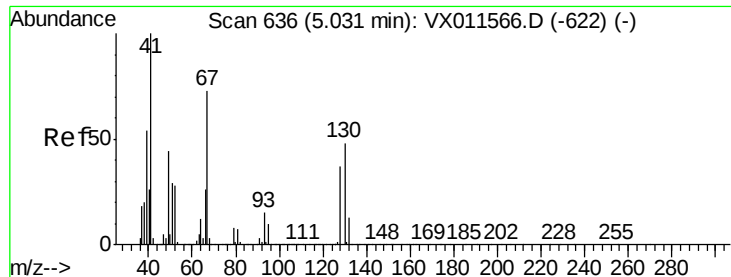
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#40
Benzene
Concen: 19.909 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX011735.D
Acq: 21 Aug 2019 16:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	28.0





#41

Methacrylonitrile

Concen: 19.656 ug/l

RT: 5.04 min Scan# 637

Delta R.T. 0.01 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Instrument :

MSVOA_X

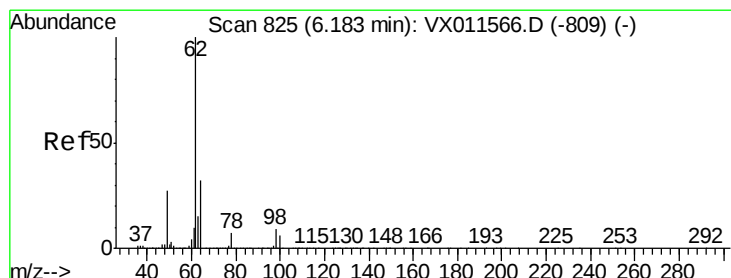
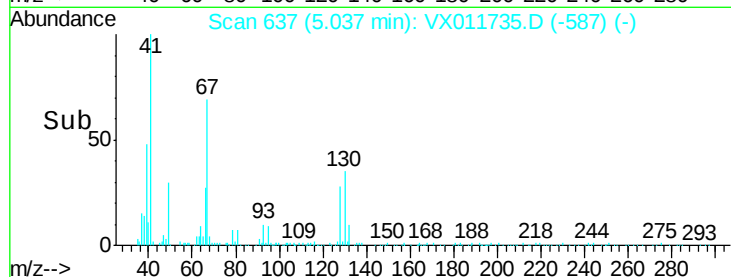
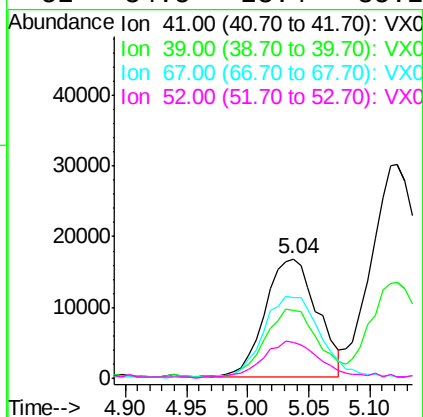
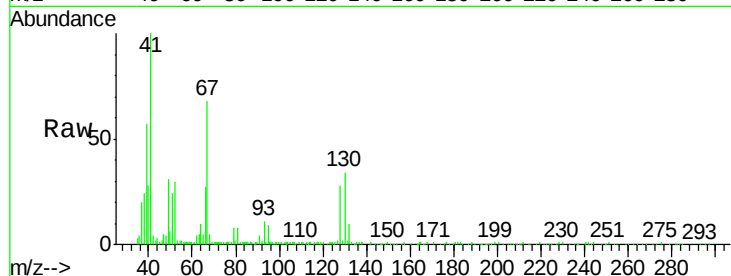
ClientSampleId :

VX0821WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.6	43.5	65.3
67	75.6	59.4	89.2
52	34.5	23.4	35.2

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 21.873 ug/l

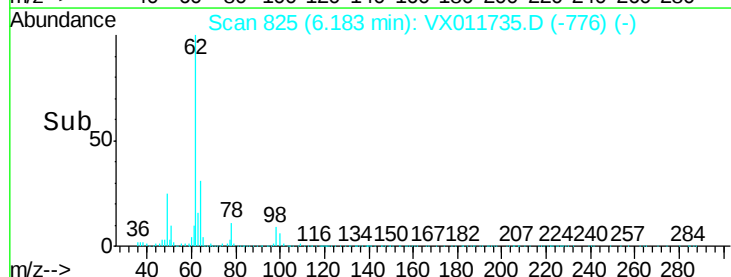
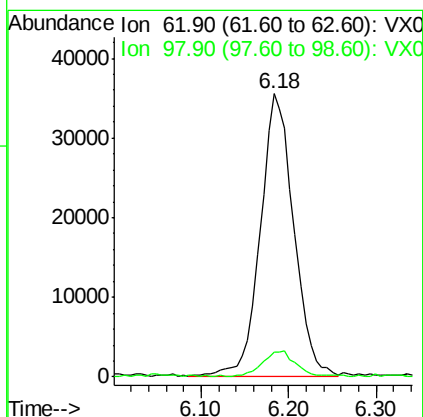
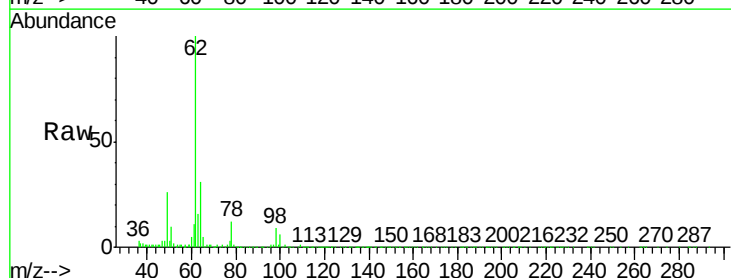
RT: 6.18 min Scan# 825

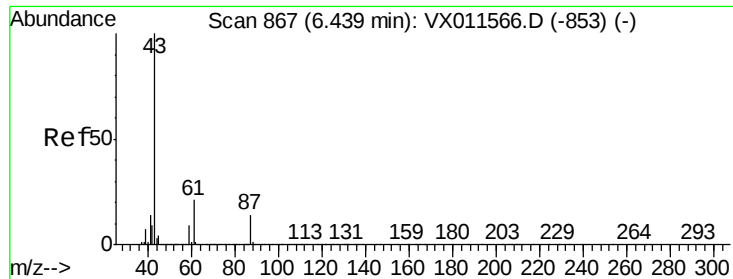
Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.4





#43

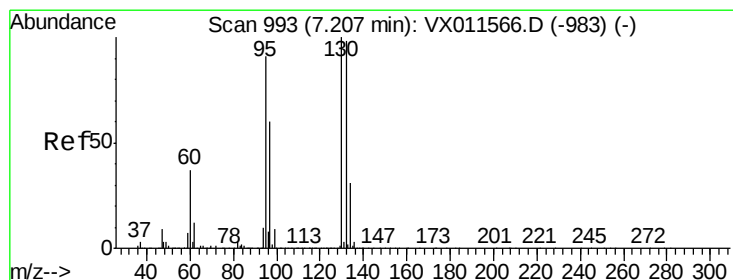
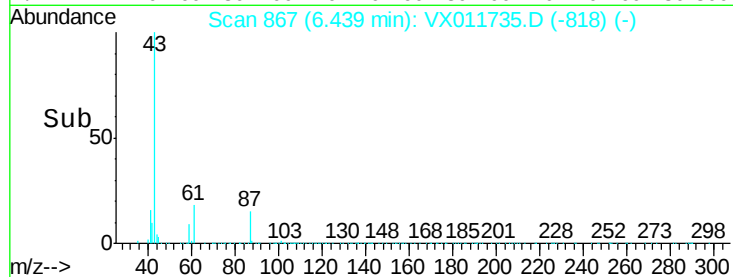
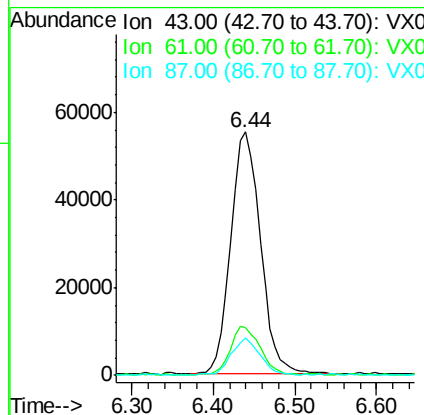
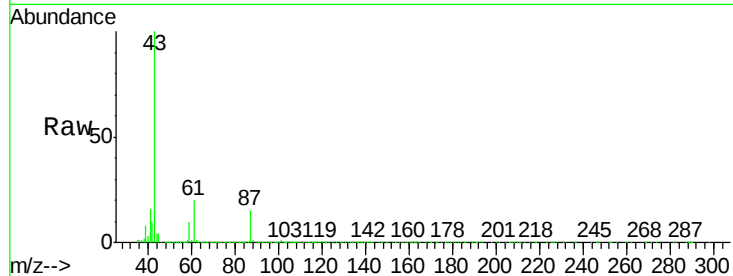
Isopropyl Acetate
 Concen: 19.580 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VX011735.D
 Acq: 21 Aug 2019 16:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.6	24.8
87	14.5	11.4	17.2

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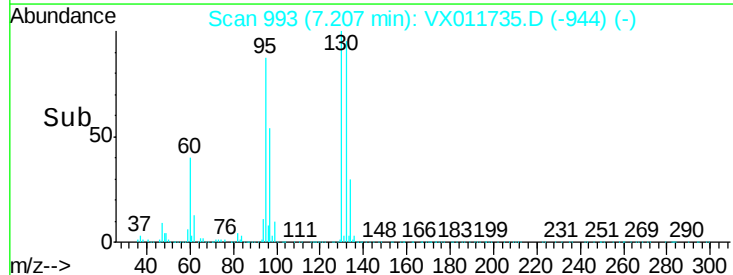
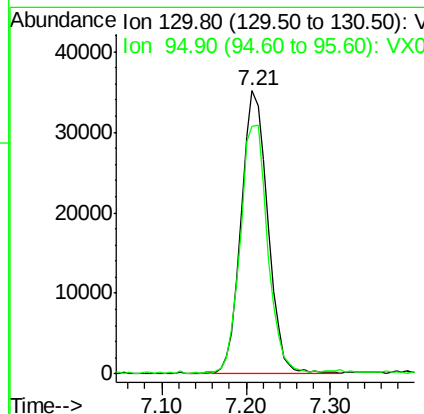
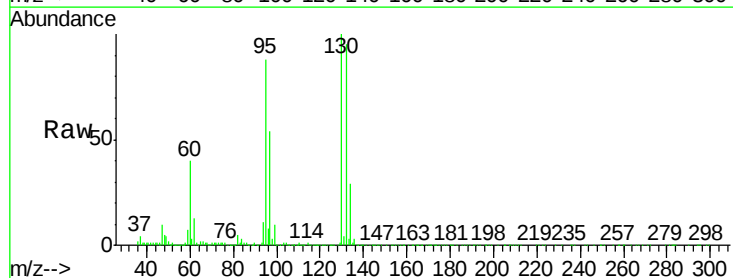
MMDadoda
 8/22/2019 10:01:15 AM

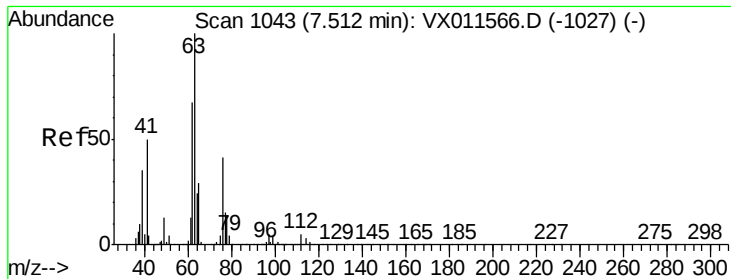


#44

Trichloroethene
 Concen: 20.293 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX011735.D
 Acq: 21 Aug 2019 16:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.9	0.0	181.4





#45

1,2-Dichloropropane

Concen: 20.315 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

Tot Ion: 63 Resp: 62601

Ion Ratio Lower Upper

63 100

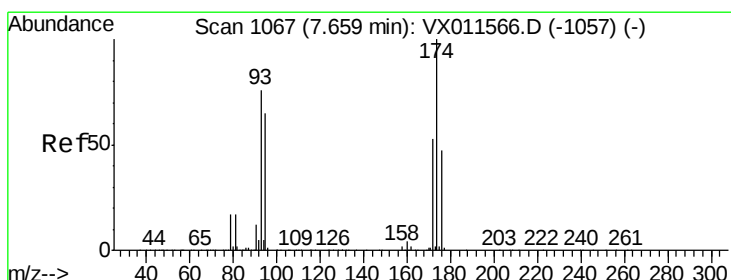
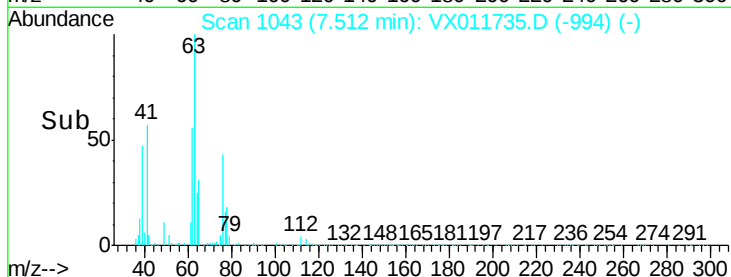
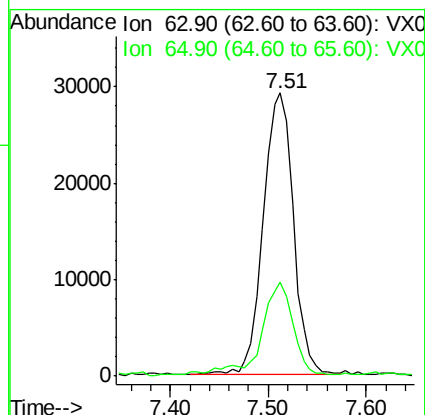
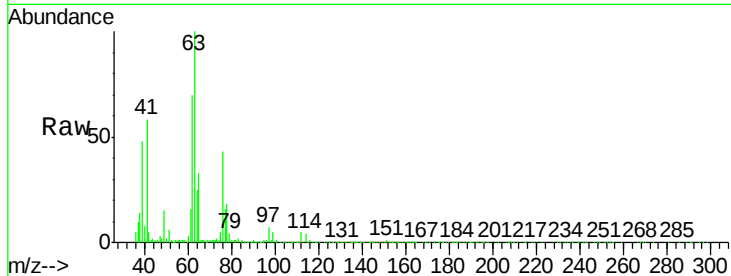
65 32.7 23.4 35.2

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#46

Dibromomethane

Concen: 20.683 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

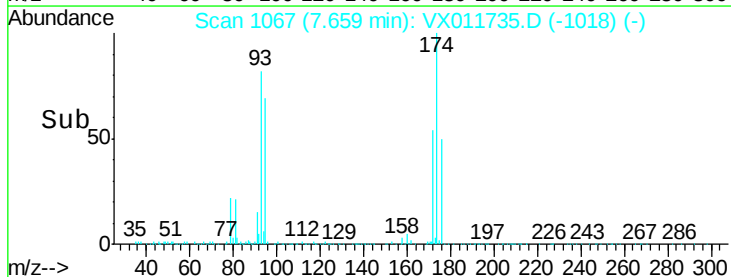
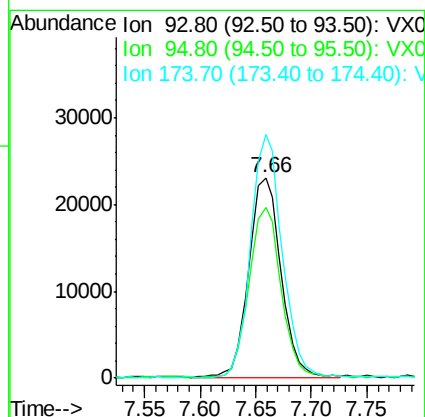
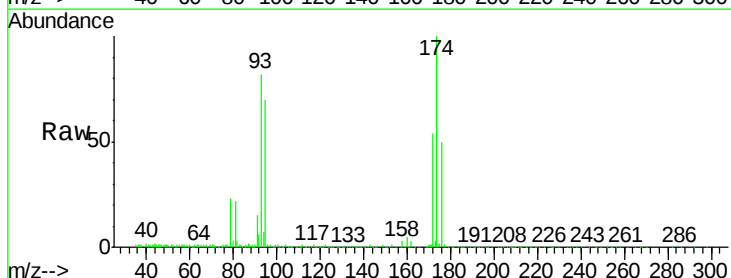
Tgt Ion: 93 Resp: 46315

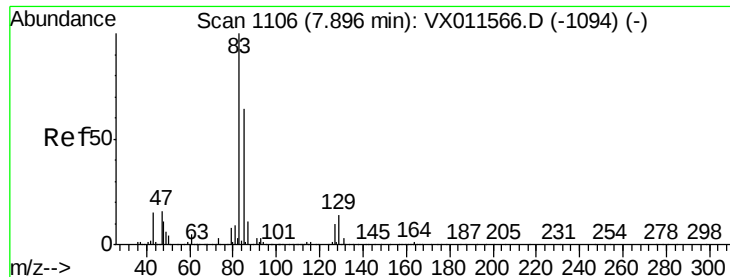
Ion Ratio Lower Upper

93 100

95 87.0 67.2 100.8

174 121.0 105.5 158.3





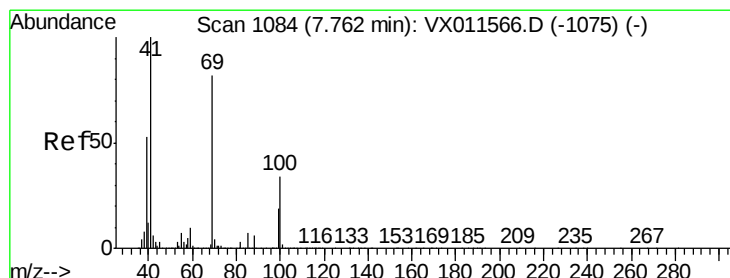
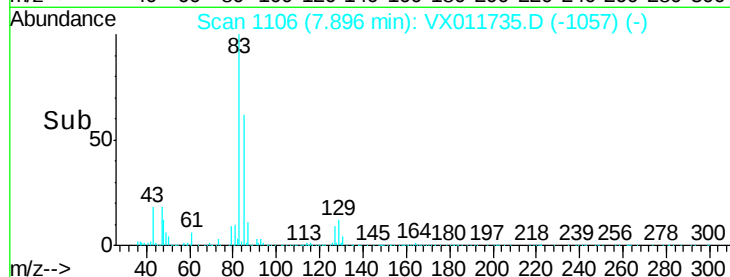
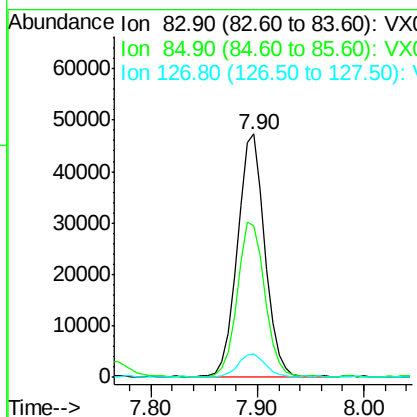
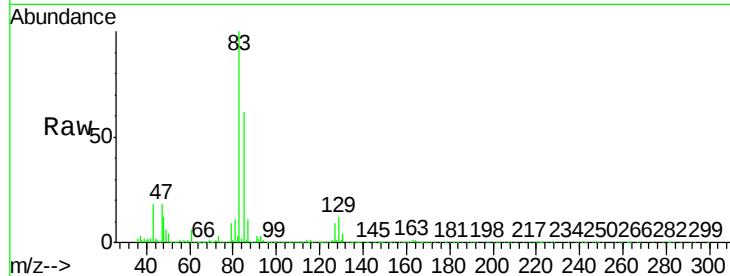
#47
Bromodichloromethane
Concen: 20.976 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX011735.D
Acq: 21 Aug 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.2	76.8
127	9.3	8.1	12.1

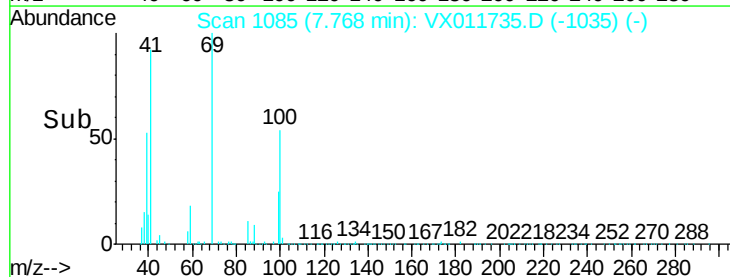
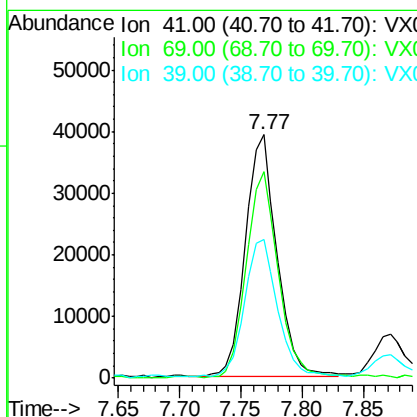
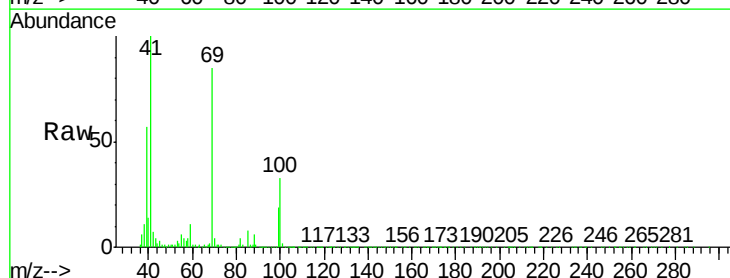
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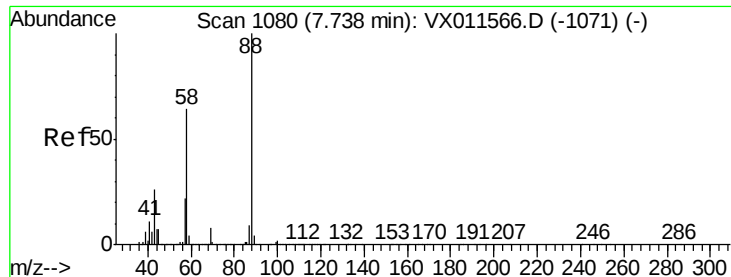
MMDadoda
8/22/2019 10:01:15 AM



#48
Methyl methacrylate
Concen: 19.948 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.01 min
Lab File: VX011735.D
Acq: 21 Aug 2019 16:17

Tgt Ion	Ratio	Lower	Upper
41	100		
69	86.0	67.9	101.9
39	59.7	41.6	62.4





#49

1,4-Dioxane

Concen: 408.399 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.01 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Instrument :

MSVOA_X

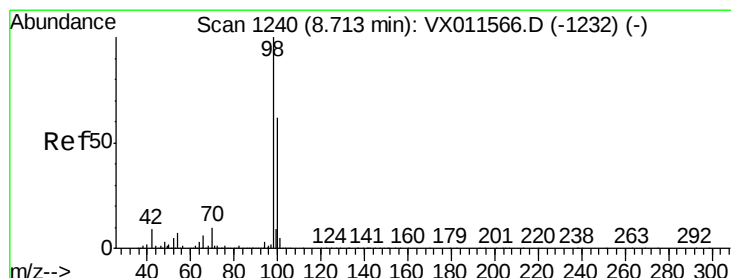
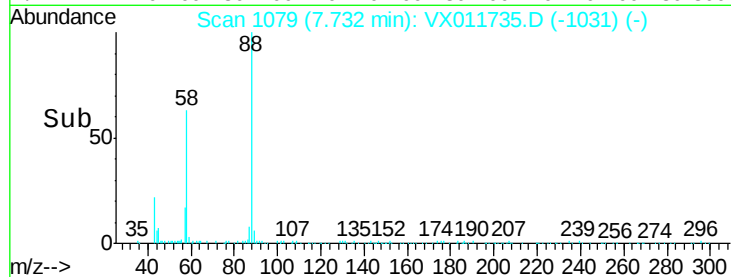
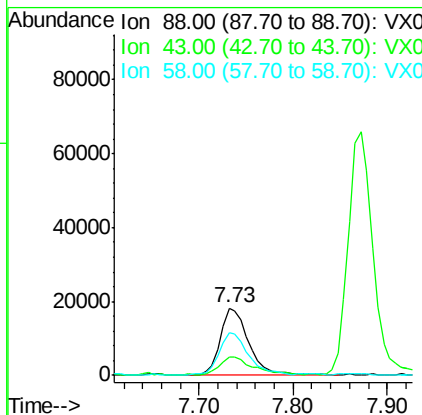
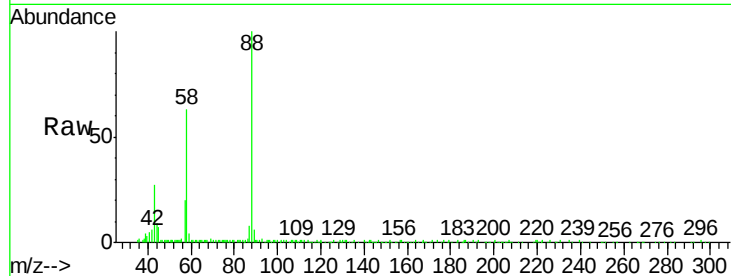
ClientSampleId :

VX0821WBSD01

Tot Ion:	88	Resp:	38392
Ion Ratio	Lower	Upper	
88	100		
43	33.4	23.4	35.0
58	63.5	54.3	81.5

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#50

Toluene-d8

Concen: 49.719 ug/l

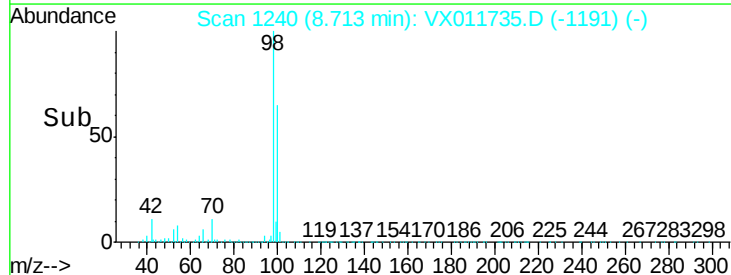
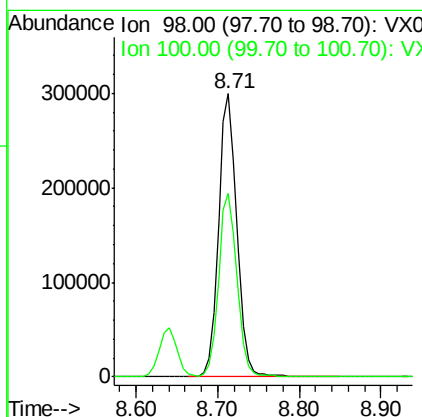
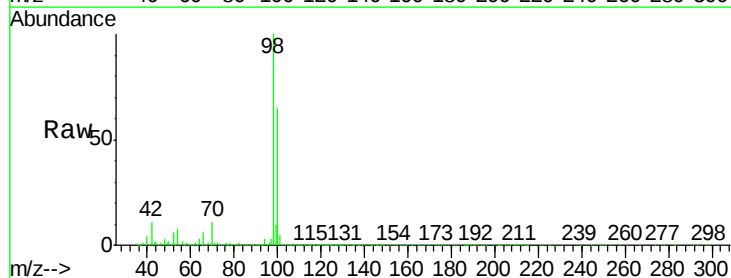
RT: 8.71 min Scan# 1240

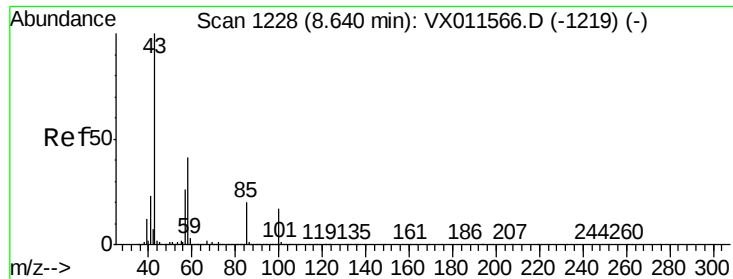
Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Tgt Ion:	98	Resp:	471210
Ion Ratio	Lower	Upper	
98	100		
100	65.1	52.4	78.6





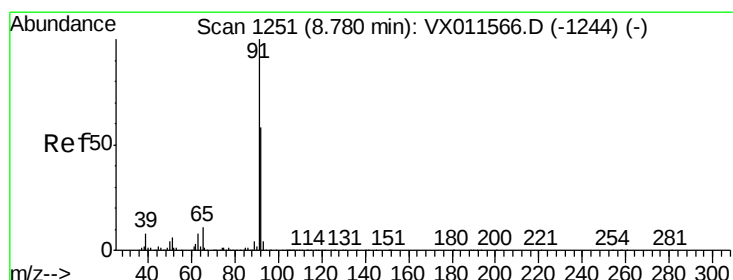
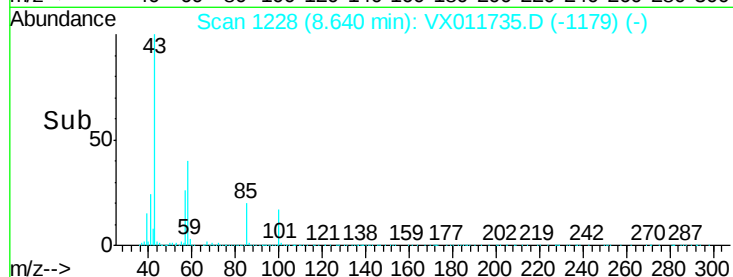
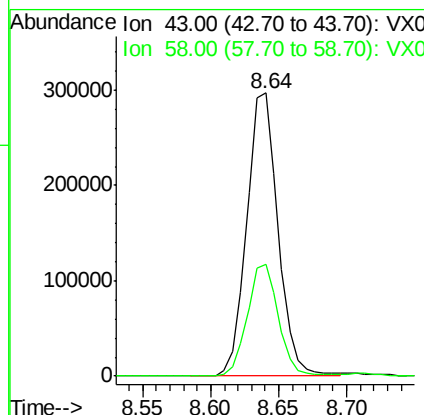
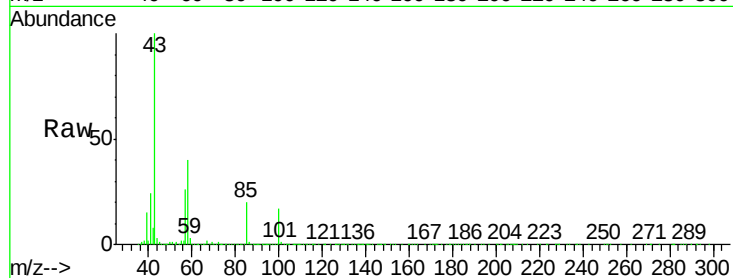
#51
4-Methyl-2-Pentanone
Concen: 102.165 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX011735.D
Acq: 21 Aug 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tot Ion	43	Resp	477263
Ion Ratio	100	Lower	Upper
43	100		
58	39.4	31.8	47.6

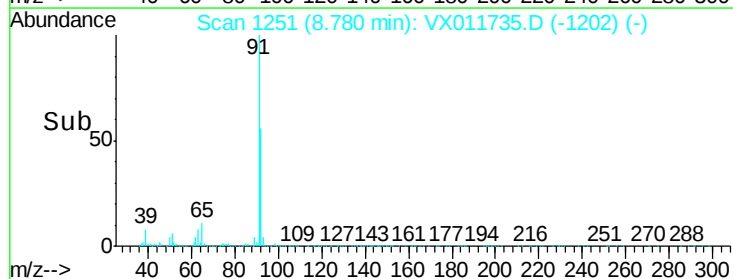
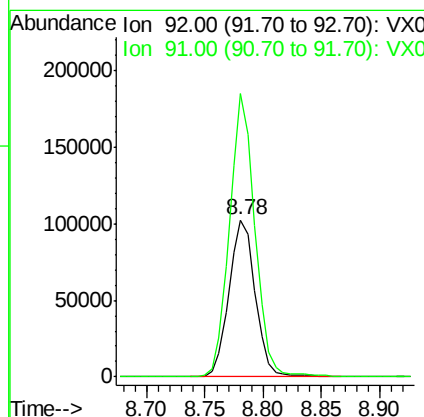
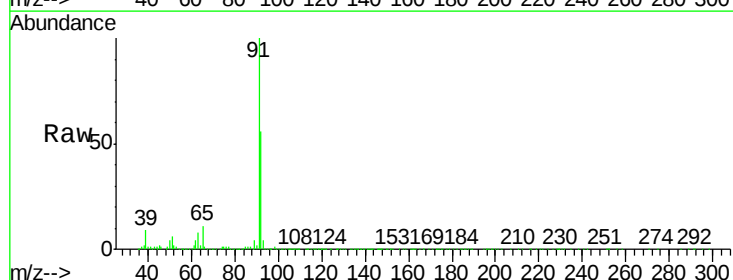
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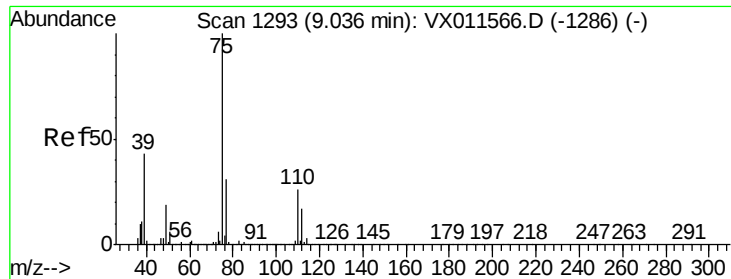
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#52
Toluene
Concen: 20.428 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011735.D
Acq: 21 Aug 2019 16:17

Tgt Ion	92	Resp	160802
Ion Ratio	100	Lower	Upper
92	100		
91	173.5	138.0	207.0





#53

t-1,3-Dichloropropene

Concen: 20.011 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

Tot Ion: 75 Resp: 85391

Ion Ratio Lower Upper

75 100

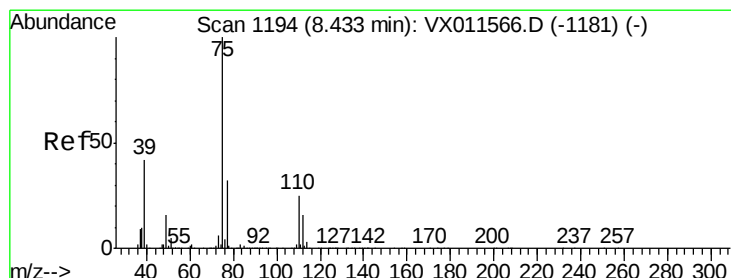
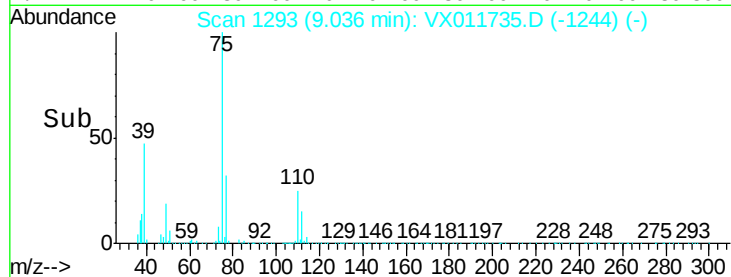
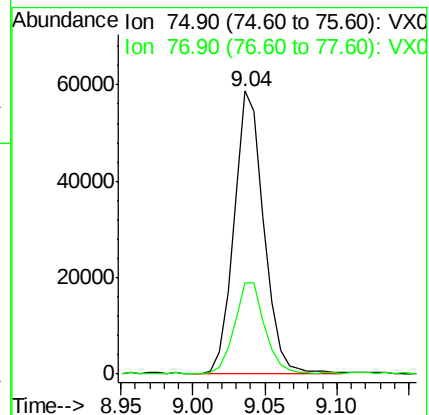
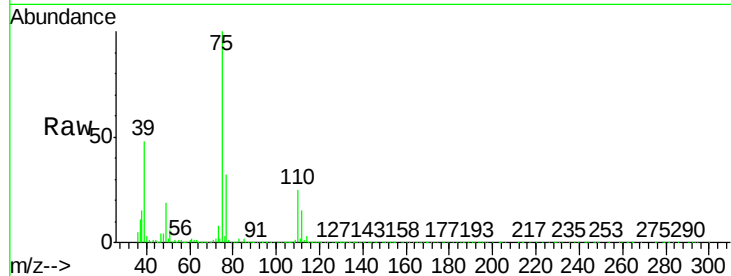
77 32.1 25.1 37.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 20.531 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

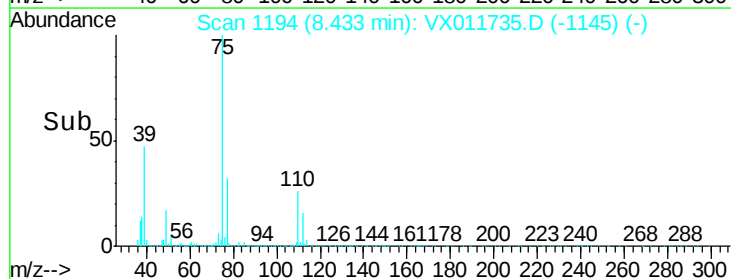
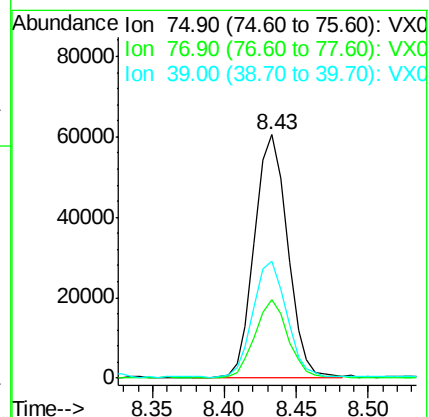
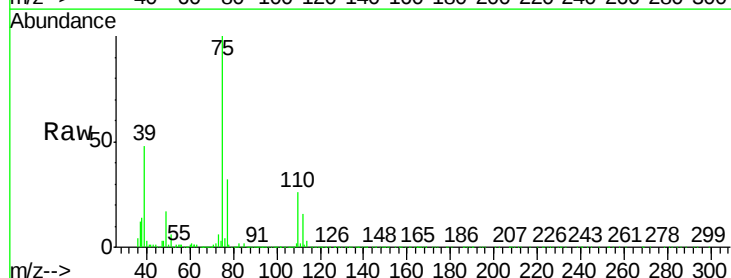
Tgt Ion: 75 Resp: 95877

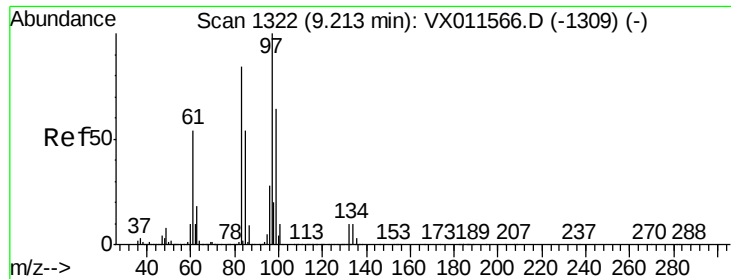
Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3

39 47.5 33.6 50.4





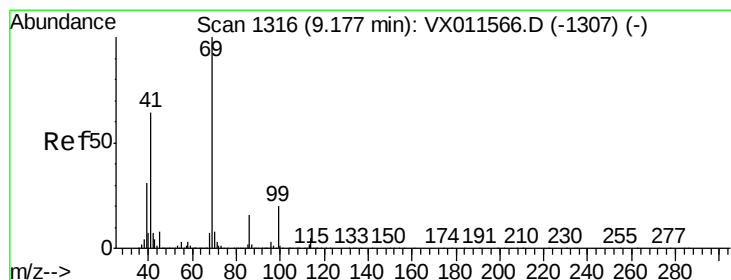
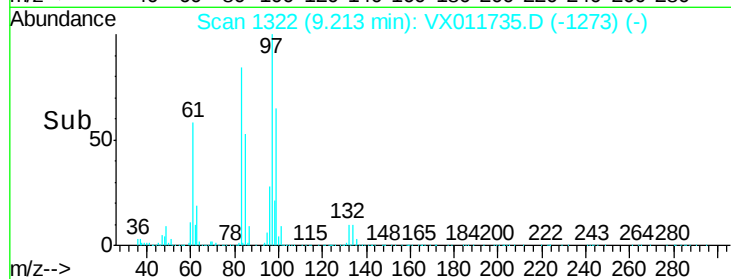
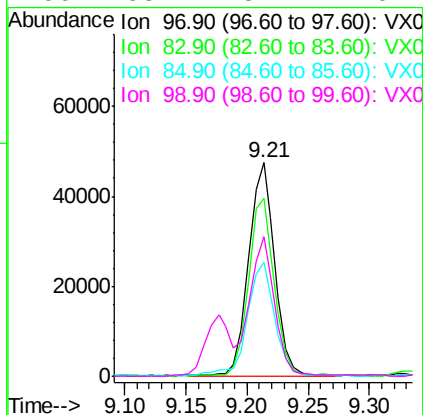
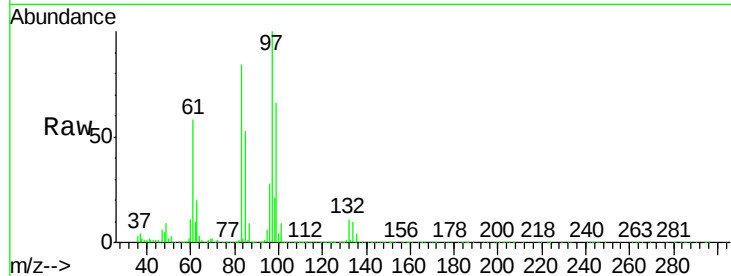
#55
 1,1,2-Trichloroethane
 Concen: 20.820 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011735.D
 Acq: 21 Aug 2019 16:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.5	67.4	101.0
85	53.1	43.4	65.2
99	65.4	51.1	76.7

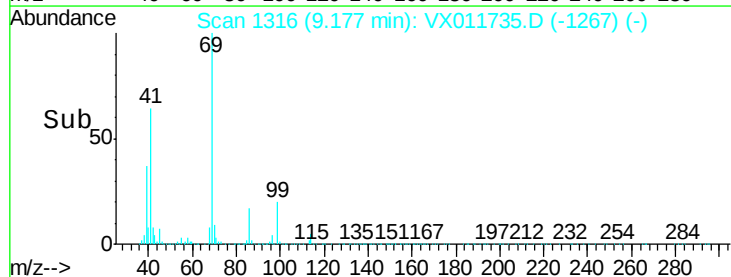
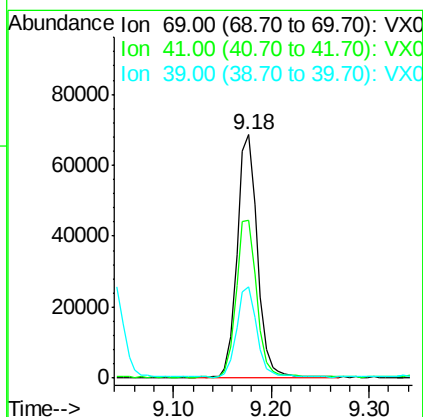
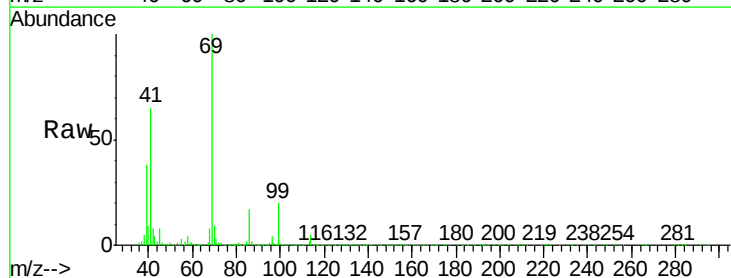
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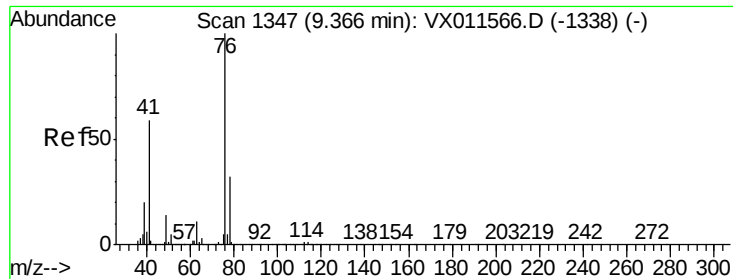
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#56
 Ethyl methacrylate
 Concen: 20.233 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011735.D
 Acq: 21 Aug 2019 16:17

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.4	52.1	78.1
39	37.4	25.4	38.0





#57

1,3-Dichloropropane

Concen: 20.687 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

Tot Ion: 76 Resp: 110077

Ion Ratio Lower Upper

76 100

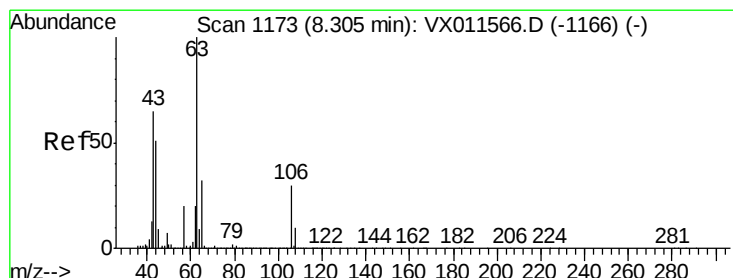
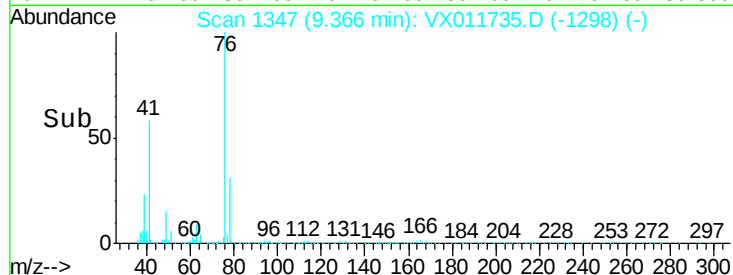
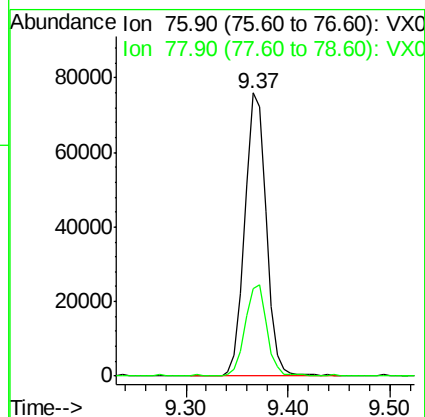
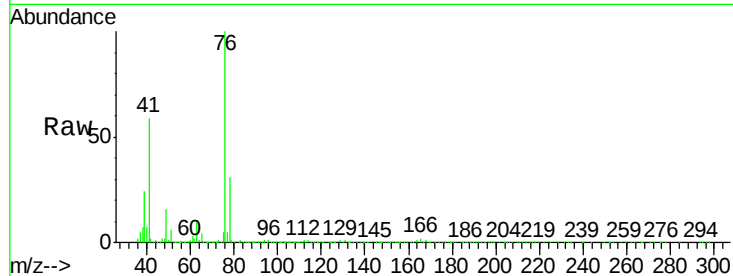
78 32.1 26.2 39.4

Manual Integrations

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8/22/2019 10:01:15 AM



#58

2-Chloroethyl Vinyl ether

Concen: 102.190 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011735.D

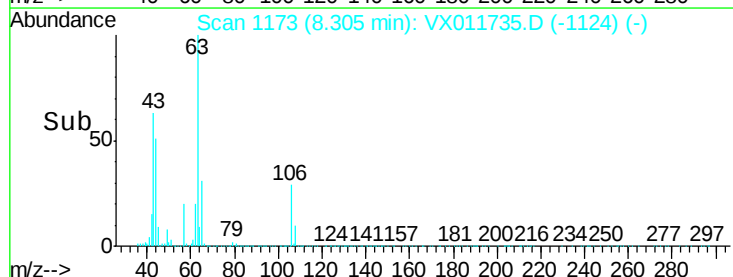
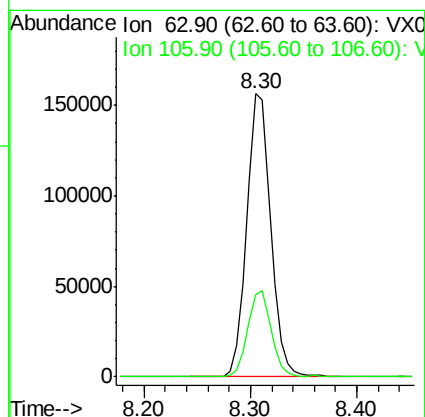
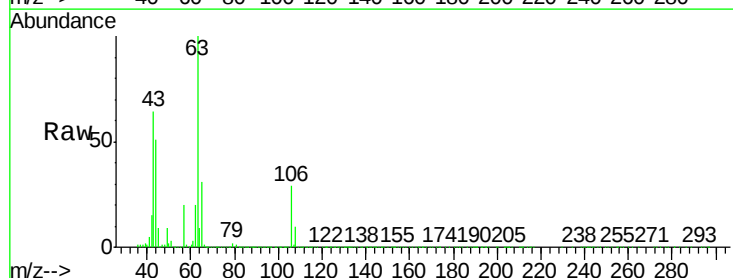
Acq: 21 Aug 2019 16:17

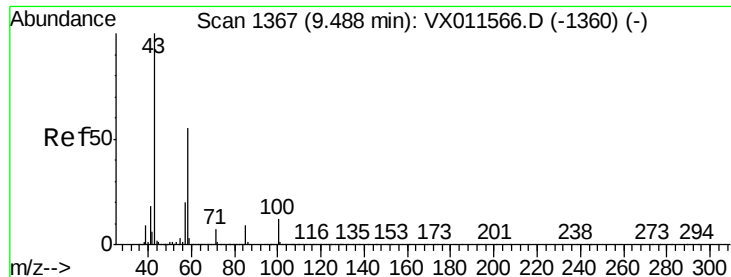
Tgt Ion: 63 Resp: 247732

Ion Ratio Lower Upper

63 100

106 29.6 24.7 37.1





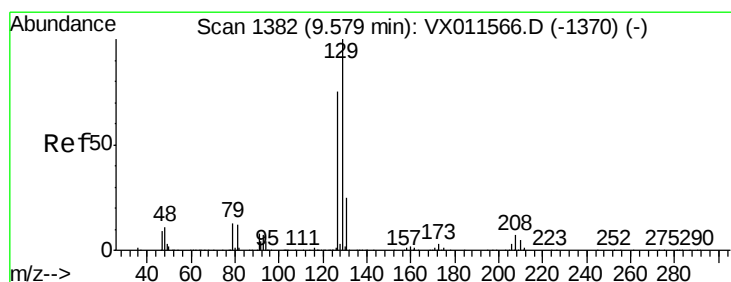
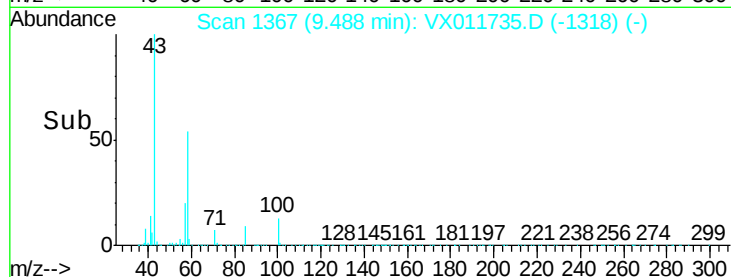
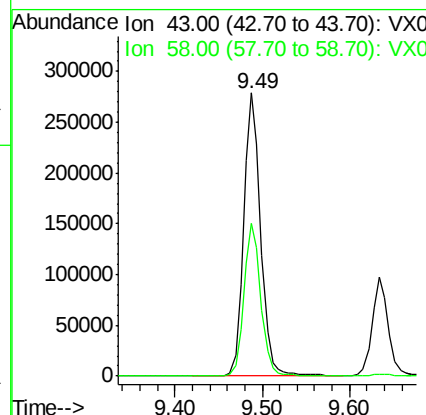
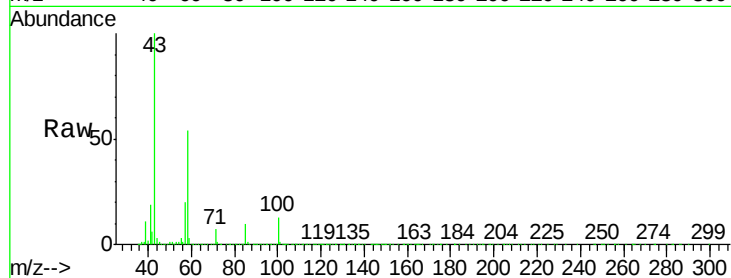
#59
2-Hexanone
Concen: 104.952 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011735.D
Acq: 21 Aug 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tot Ion: 43 Resp: 378085
Ion Ratio Lower Upper
43 100
58 53.9 27.5 82.4

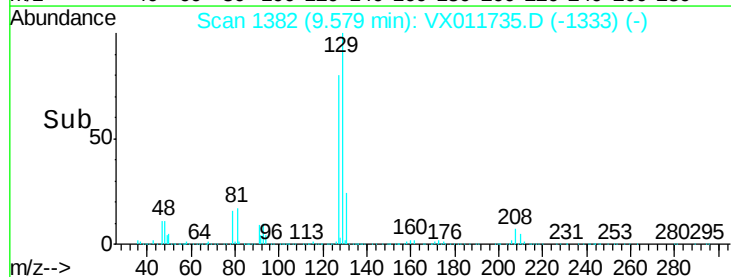
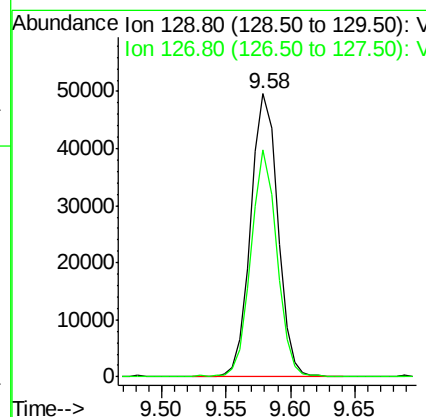
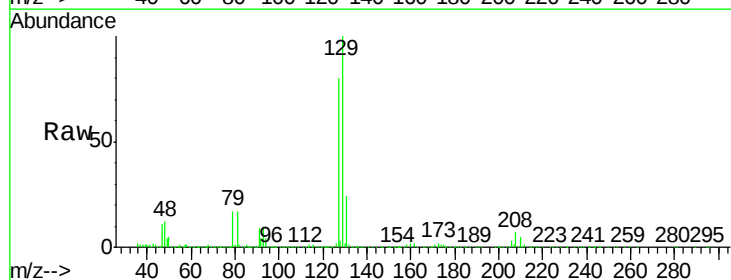
Manual Integrations
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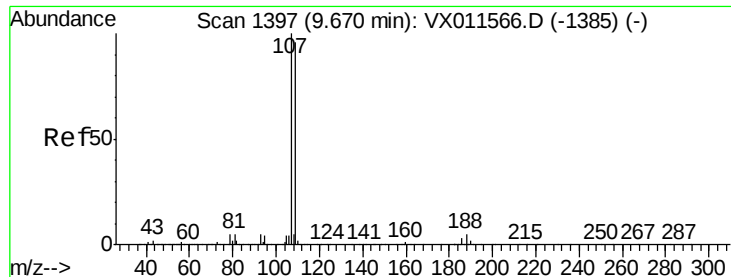
MMDadoda
8/22/2019 10:01:15 AM



#60
Dibromochloromethane
Concen: 20.620 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011735.D
Acq: 21 Aug 2019 16:17

Tgt Ion: 129 Resp: 71919
Ion Ratio Lower Upper
129 100
127 77.4 38.0 114.1





#61

1,2-Dibromoethane

Concen: 20.589 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

Tot Ion: 107 Resp: 73557

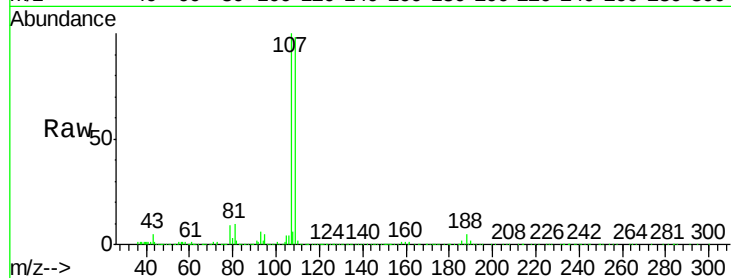
Ion Ratio Lower Upper

107 100

109 95.0 76.2 114.2

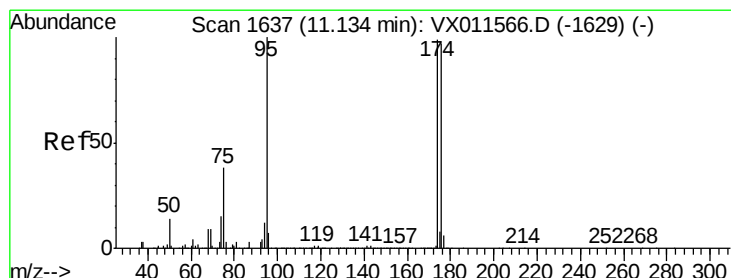
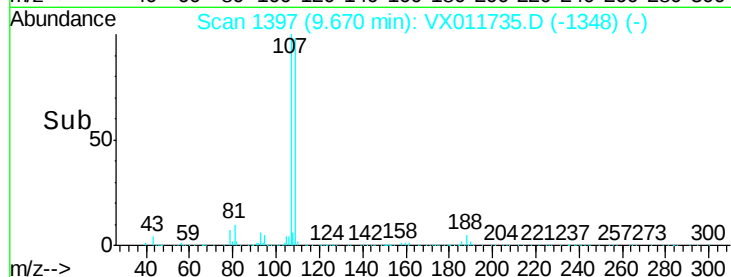
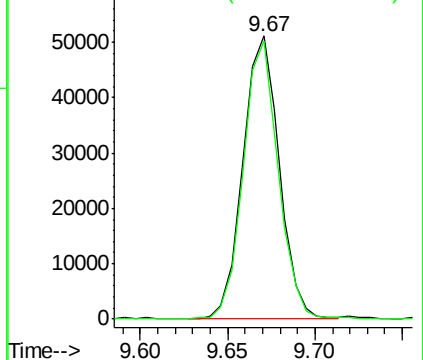
Manual Integrations
APPROVED

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.237 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

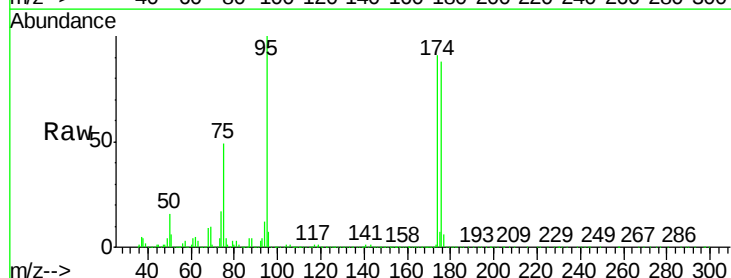
Tgt Ion: 95 Resp: 196962

Ion Ratio Lower Upper

95 100

174 95.3 0.0 200.6

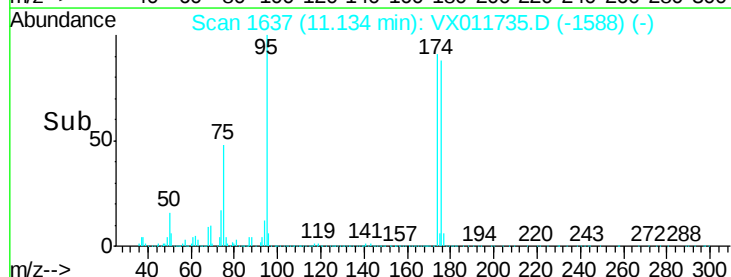
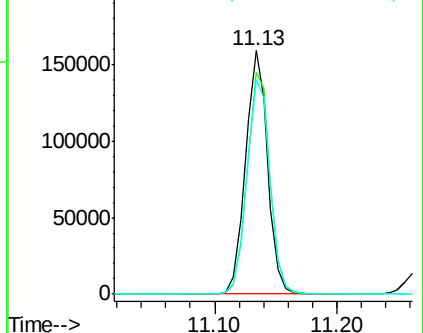
176 93.6 0.0 196.6

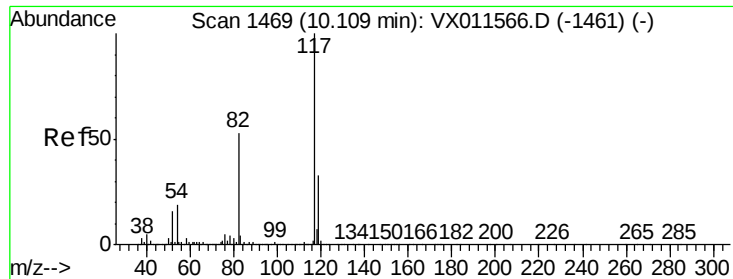


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





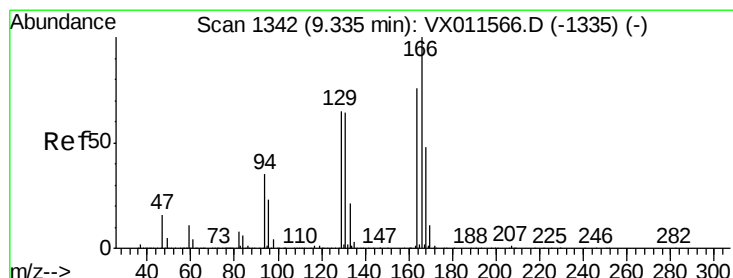
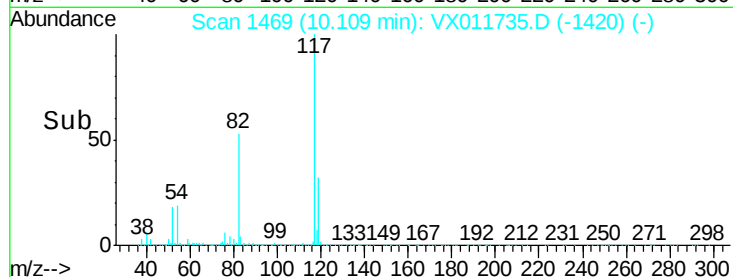
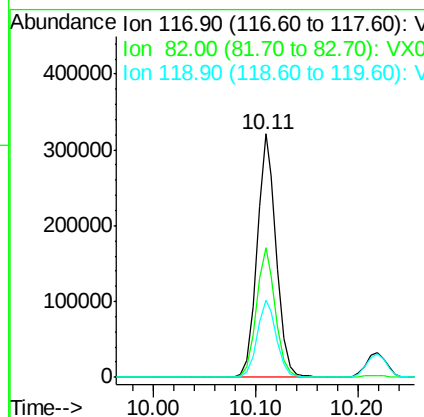
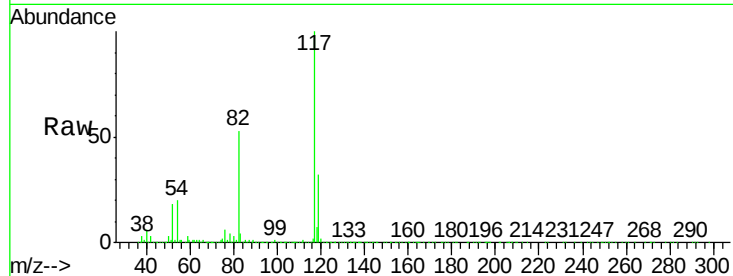
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011735.D
Acq: 21 Aug 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	421123		
82	53.2	42.0	63.0	
119	31.9	26.5	39.7	

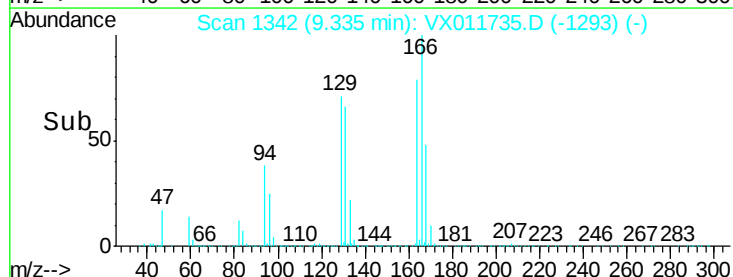
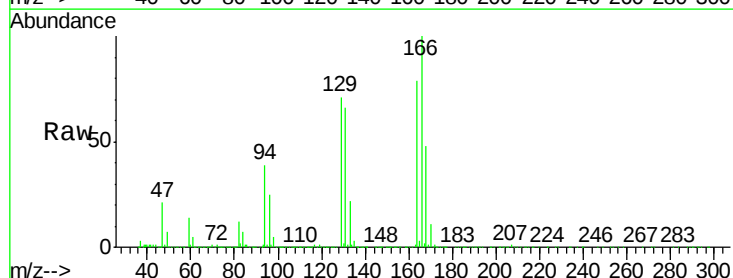
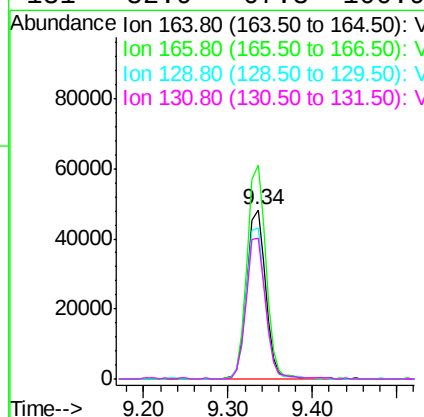
Manual Integrations
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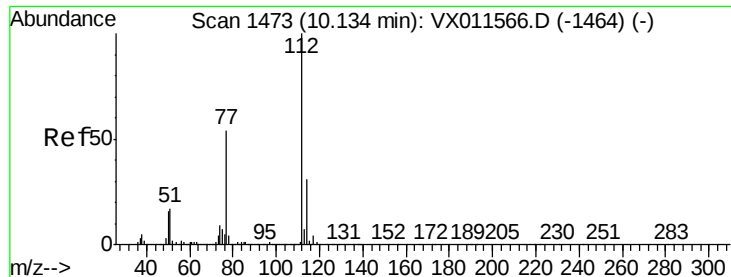
MMDadoda
8/22/2019 10:01:15 AM



#64
Tetrachloroethene
Concen: 20.914 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011735.D
Acq: 21 Aug 2019 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	72263		
166	126.3	104.7	157.1	
129	89.0	68.2	102.4	
131	82.9	67.3	100.9	





#65

Chlorobenzene

Concen: 20.564 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

Tot Ion:112 Resp: 184708

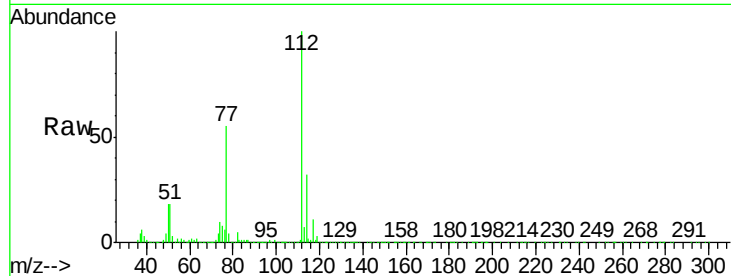
Ion Ratio Lower Upper

112 100

114 32.3 25.0 37.6

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

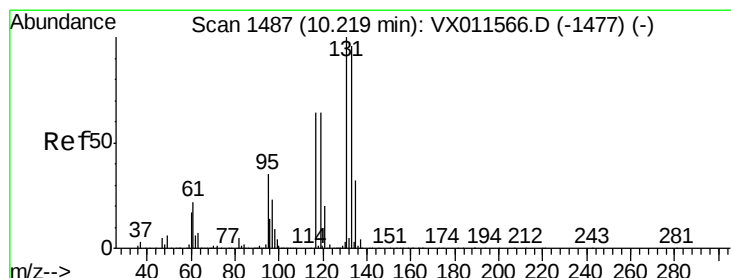
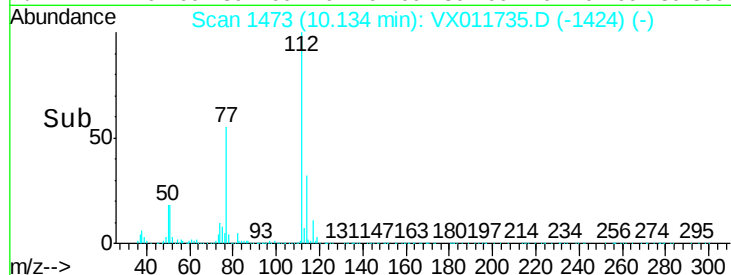
150000

100000

50000

0

Time--> 10.00 10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 20.605 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

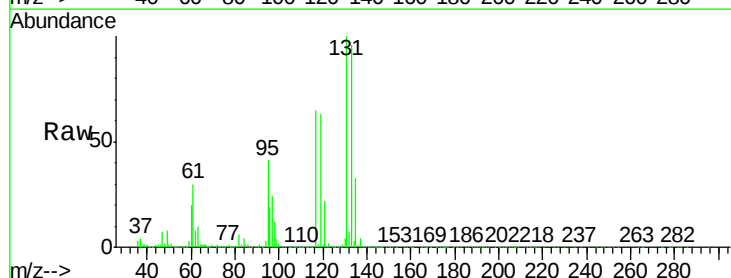
Tgt Ion:131 Resp: 69176

Ion Ratio Lower Upper

131 100

133 94.2 48.1 144.4

119 62.0 31.3 93.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

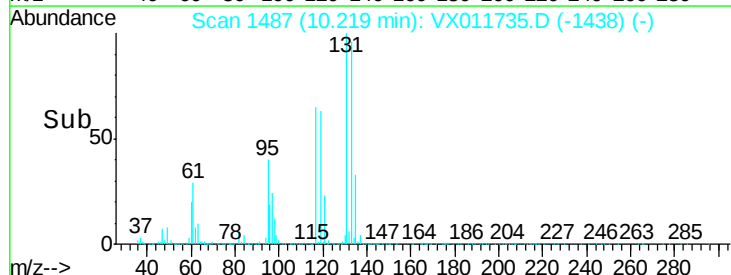
10.22

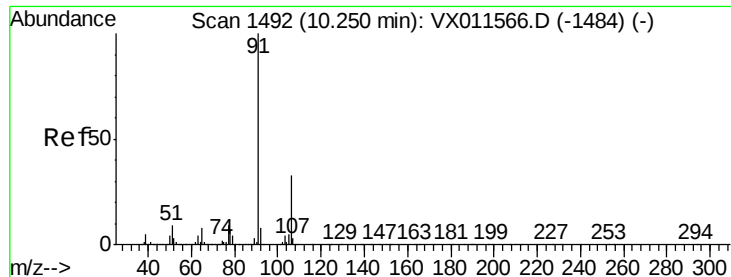
100000

50000

0

Time--> 10.10 10.20 10.30





#67

Ethyl Benzene

Concen: 20.736 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

Tot Ion: 91 Resp: 310839

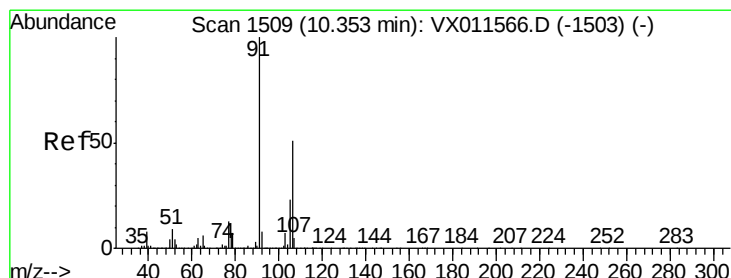
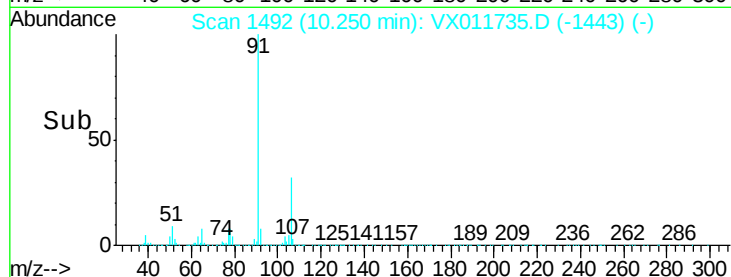
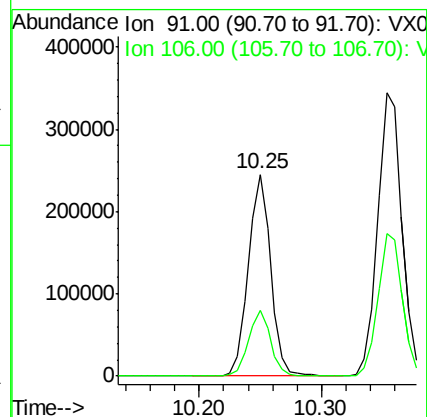
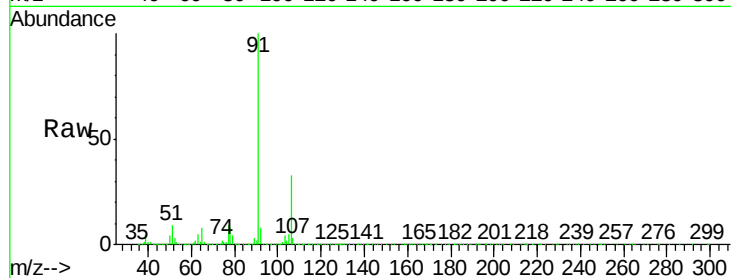
Ion Ratio Lower Upper

91 100

106 32.5 26.0 39.0

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 41.922 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VX011735.D

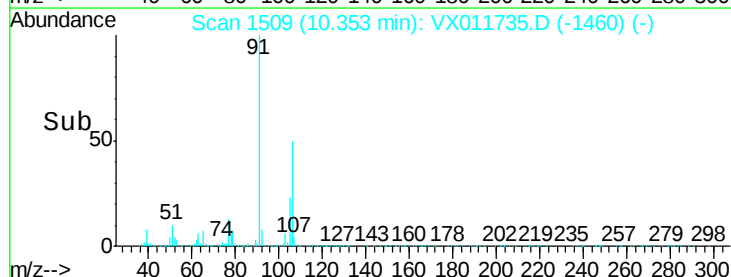
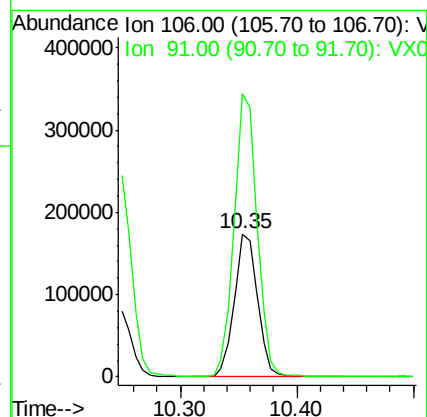
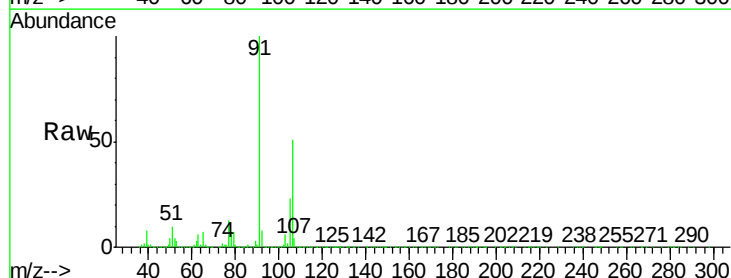
Acq: 21 Aug 2019 16:17

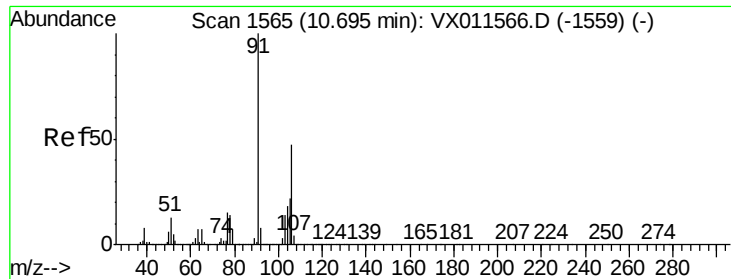
Tgt Ion: 106 Resp: 241225

Ion Ratio Lower Upper

106 100

91 196.9 156.0 234.0





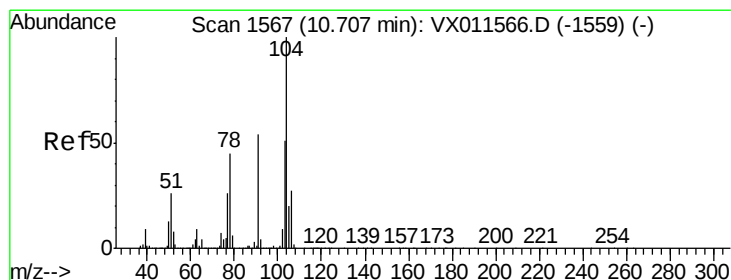
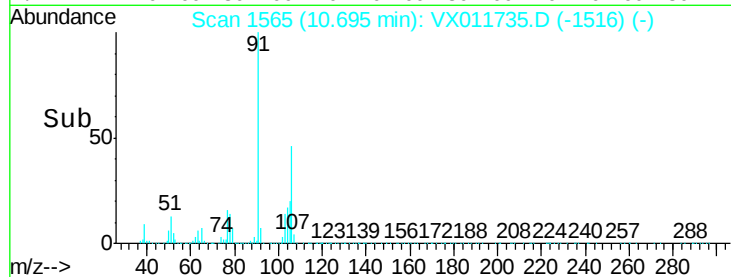
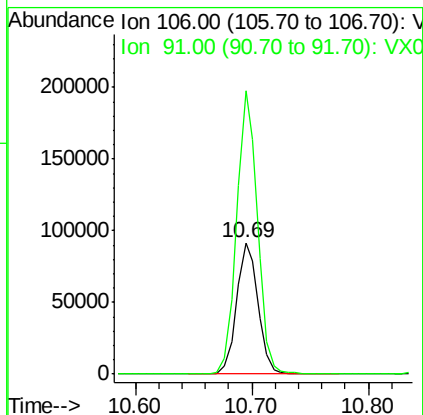
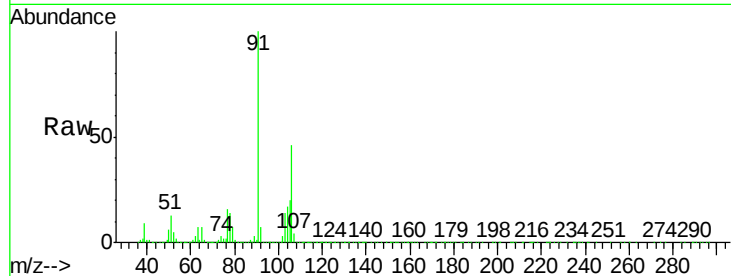
#69
o-Xylene
Concen: 20.666 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011735.D
Acq: 21 Aug 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
106	100			
91	210.8	116480	105.5	316.4

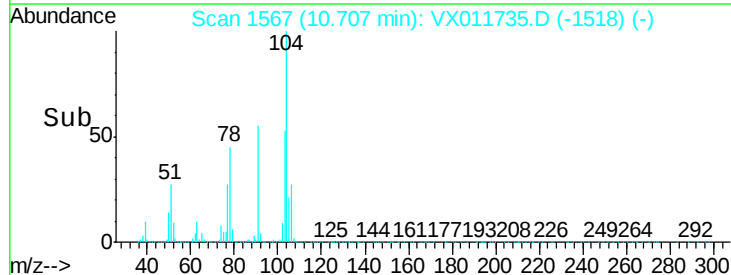
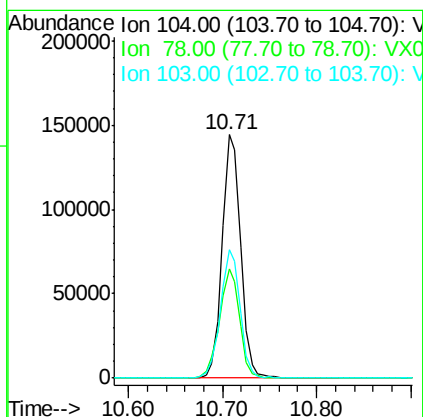
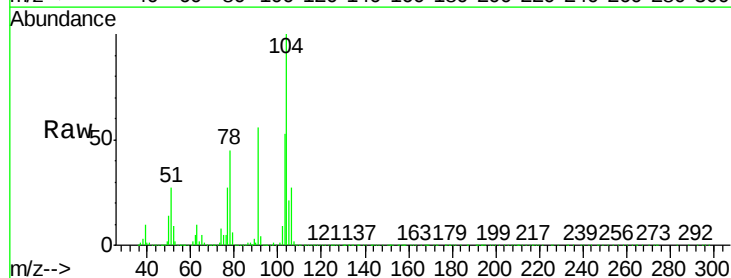
Manual Integrations
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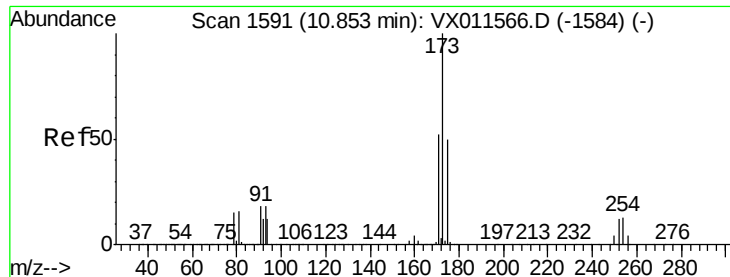
MMDadoda
8/22/2019 10:01:15 AM



#70
Styrene
Concen: 20.691 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011735.D
Acq: 21 Aug 2019 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	196322		
78	49.1		38.2	57.4
103	55.7		43.6	65.4





#71

Bromoform

Concen: 18.681 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

Tot Ion:173 Resp: 53745

Ion Ratio Lower Upper

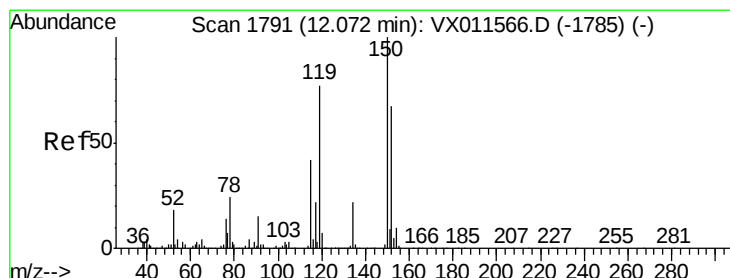
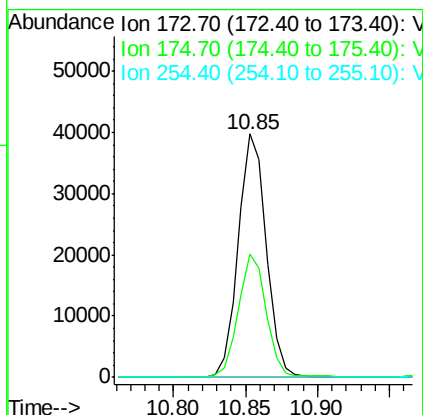
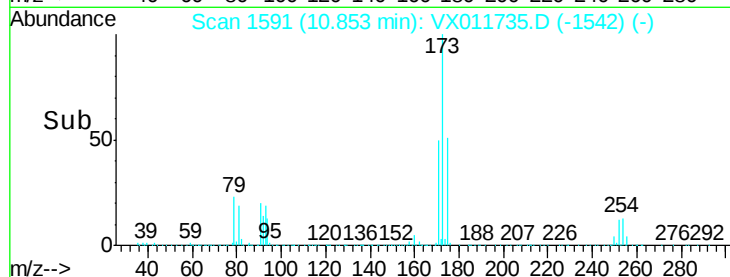
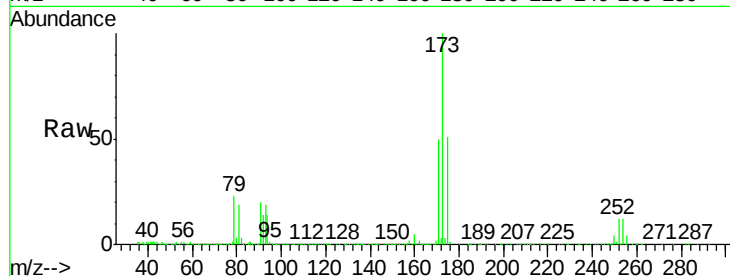
173 100

175 50.8 24.9 74.7

254 0.3 0.1 0.1#

Manual Integrations
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8/22/2019 10:01:15 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

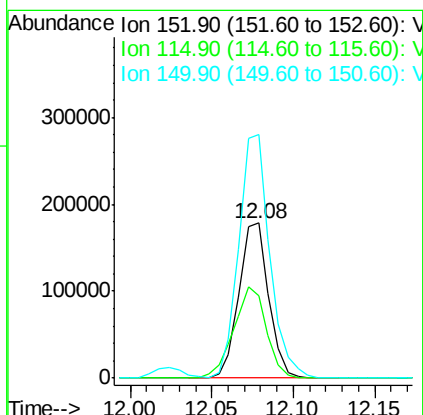
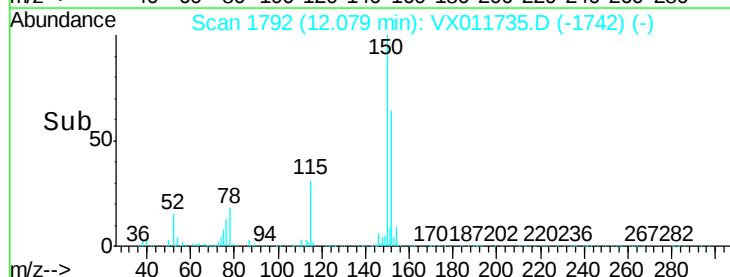
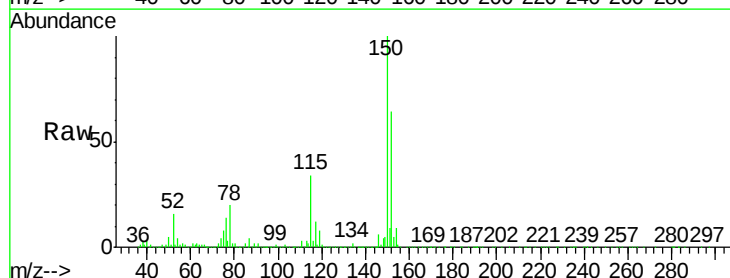
Tgt Ion:152 Resp: 226955

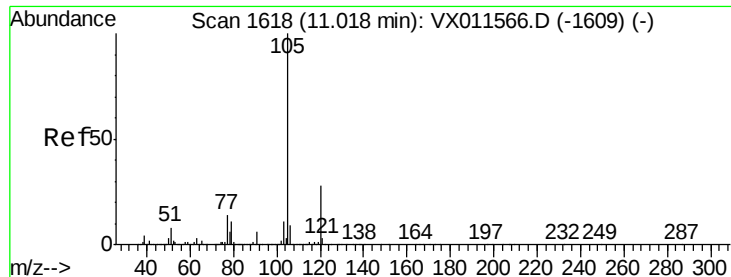
Ion Ratio Lower Upper

152 100

115 64.5 37.3 111.9

150 163.6 0.0 346.2





#73

Isopropylbenzene

Concen: 21.365 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

Tot Ion: 105 Resp: 314633

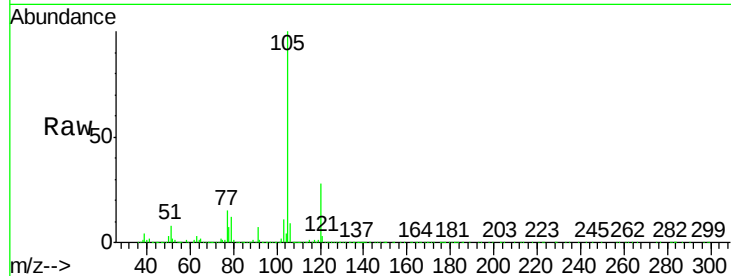
Ion Ratio Lower Upper

105 100

120 27.9 14.0 41.9

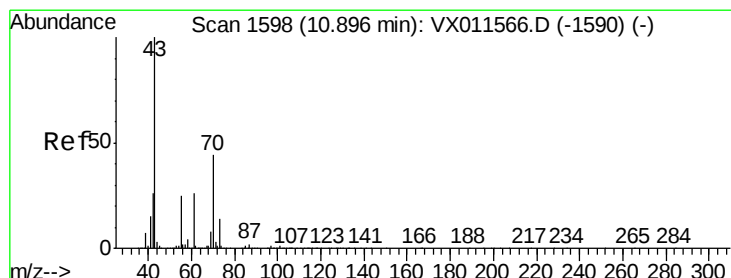
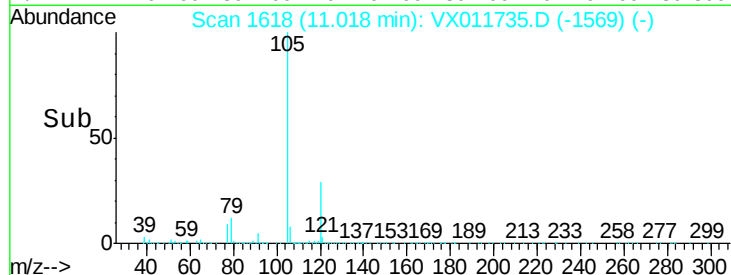
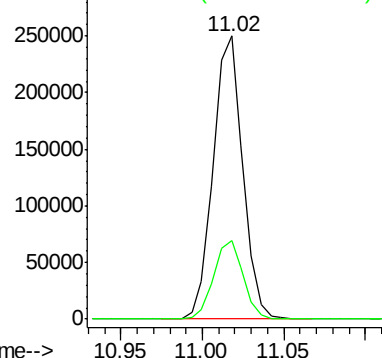
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.649 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Tgt Ion: 43 Resp: 122974

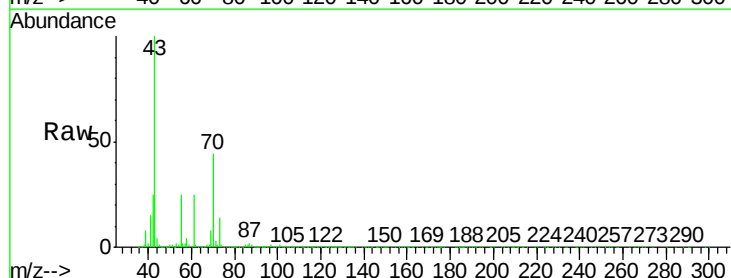
Ion Ratio Lower Upper

43 100

70 42.9 34.7 52.1

55 24.6 19.6 29.4

61 24.3 19.9 29.9

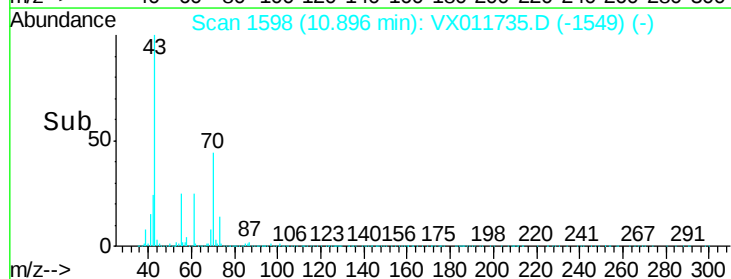
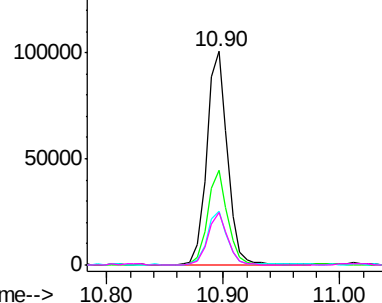


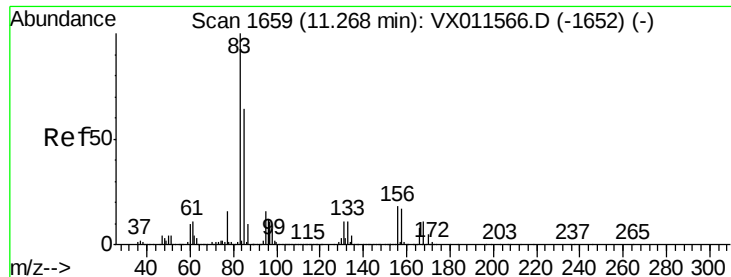
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.013 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Instrument :

MSVOA_X

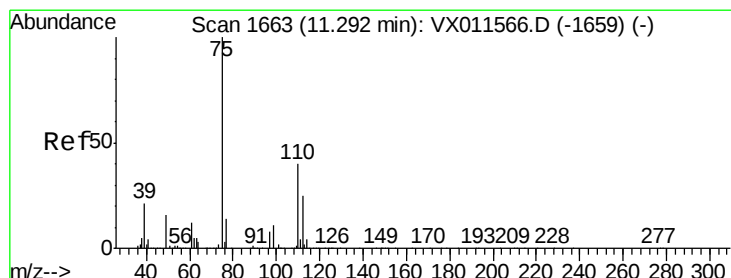
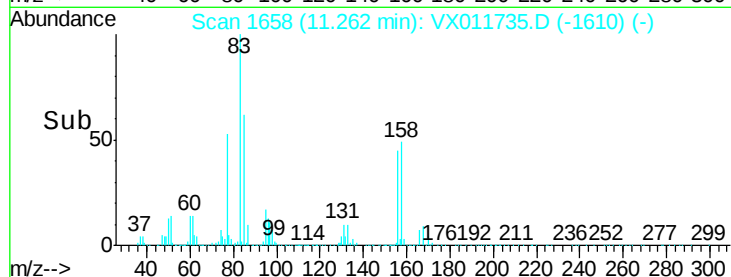
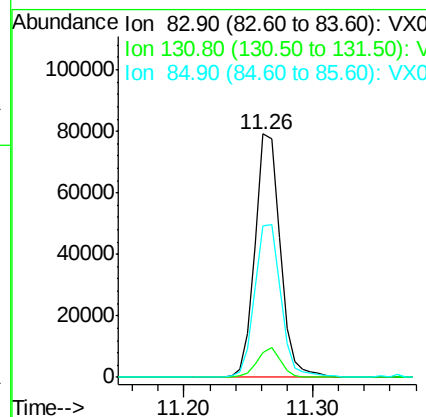
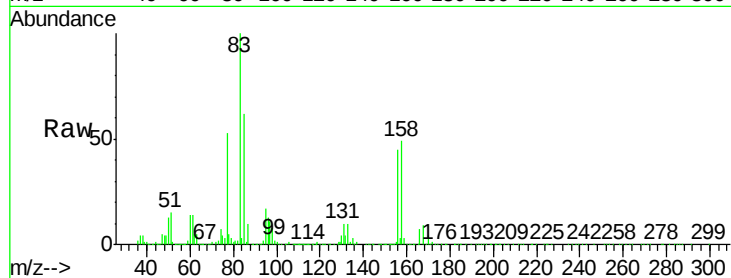
ClientSampleId :

VX0821WBSD01

Tot Ion:	83	Resp:	106451
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.8	17.3
85	64.6	31.9	95.9

Manual Integrations
APPROVED

MMDadoda
8/22/2019 10:01:15 AM



#76

1,2,3-Trichloropropane

Concen: 21.155 ug/l m

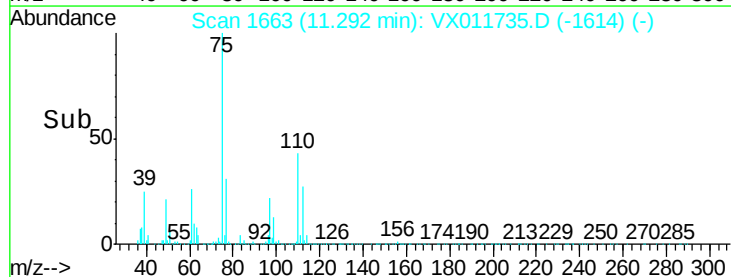
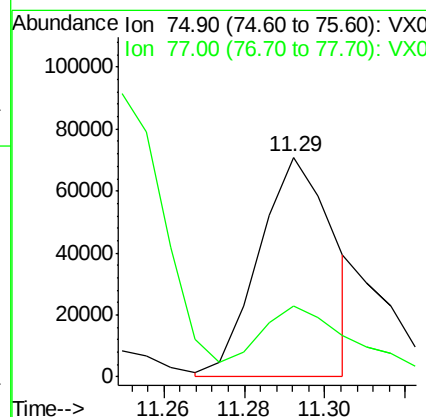
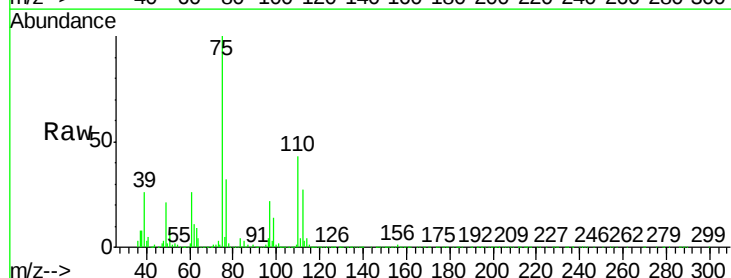
RT: 11.29 min Scan# 1663

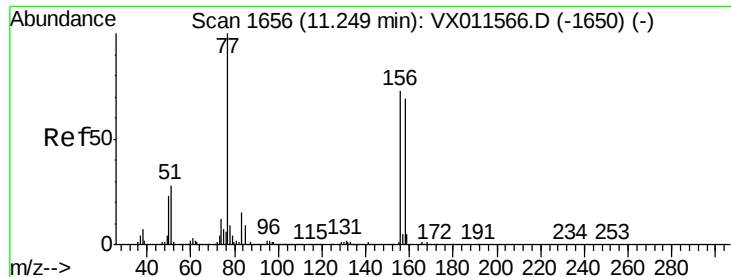
Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Tgt Ion:	75	Resp:	91044
Ion Ratio	Lower	Upper	
75	100		
77	40.8	20.9	62.8





#77

Bromobenzene

Concen: 19.791 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Instrument :

MSVOA_X

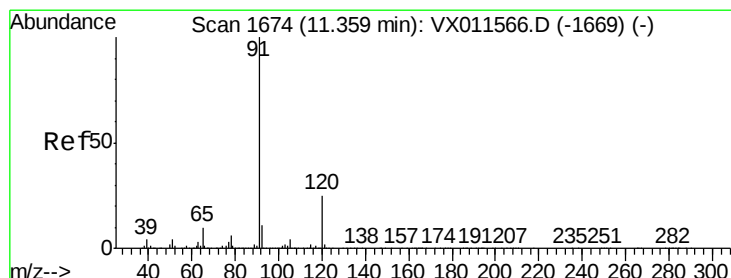
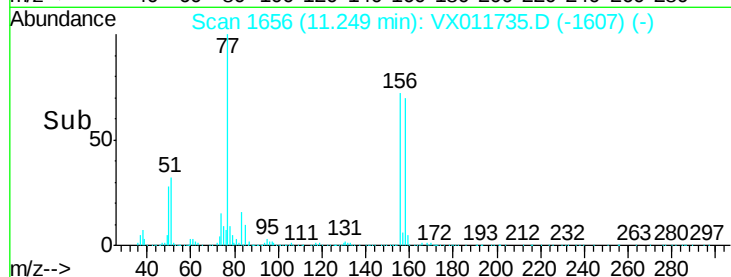
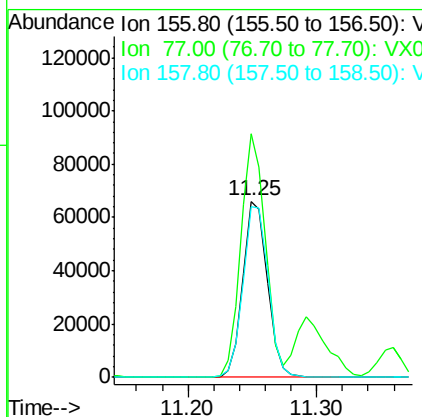
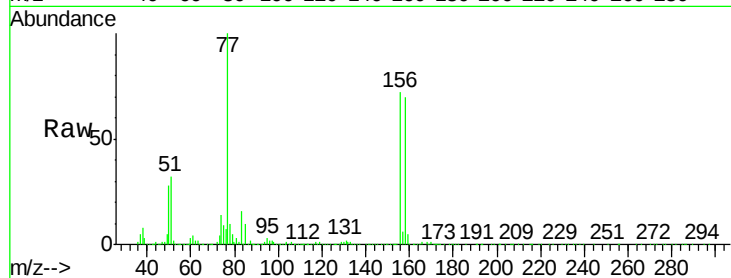
ClientSampleId :

VX0821WBSD01

Tot Ion:	156	Resp:	86715
Ion	Ratio	Lower	Upper
156	100		
77	137.9	64.6	193.9
158	100.4	48.4	145.3

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#78

n-propylbenzene

Concen: 21.945 ug/l

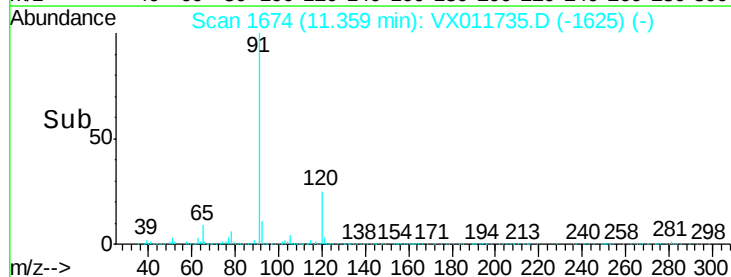
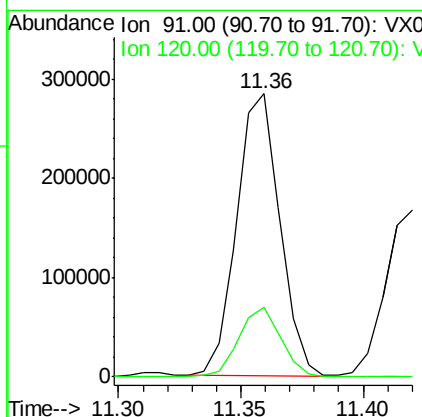
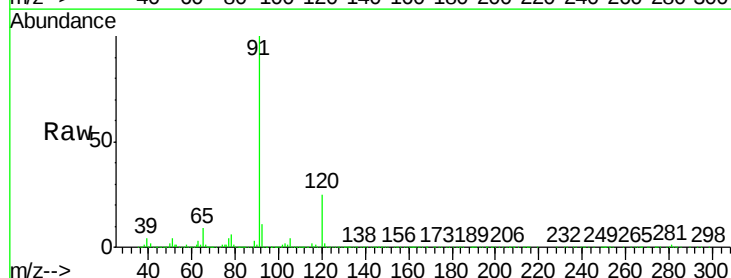
RT: 11.36 min Scan# 1674

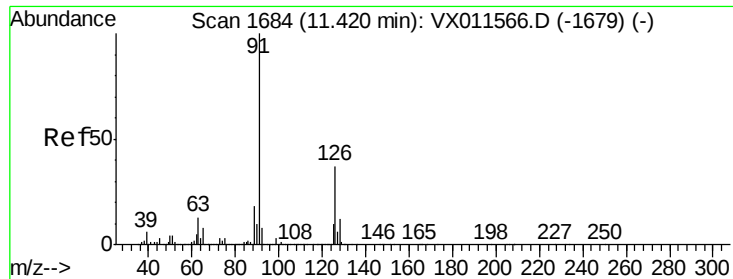
Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Tgt Ion:	91	Resp:	348485
Ion	Ratio	Lower	Upper
91	100		
120	24.0	12.6	37.6





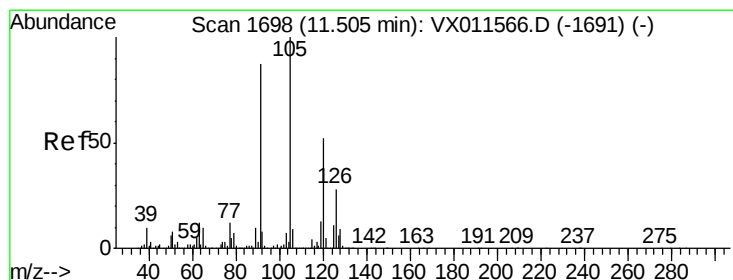
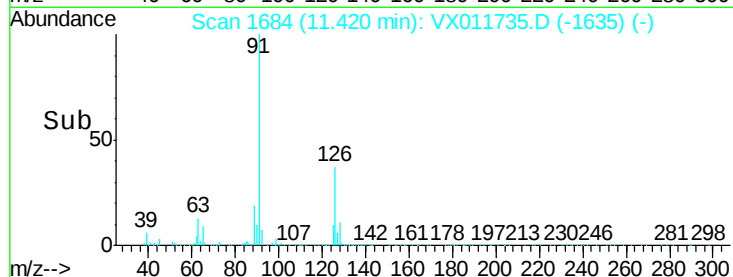
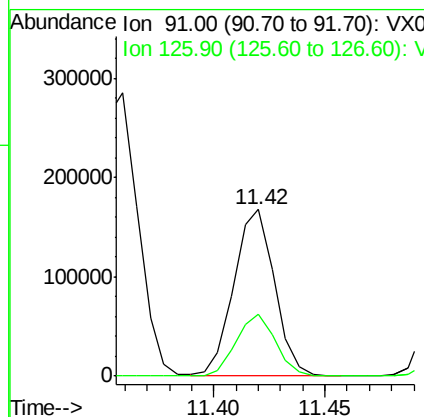
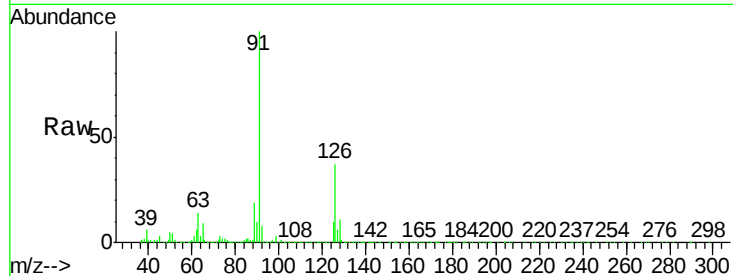
#79
 2-Chlorotoluene
 Concen: 21.842 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX011735.D
 Acq: 21 Aug 2019 16:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD01

Tot Ion: 91 Resp: 212985
 Ion Ratio Lower Upper
 91 100
 126 36.0 18.4 55.0

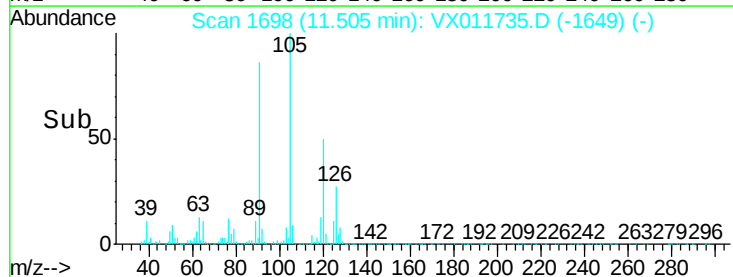
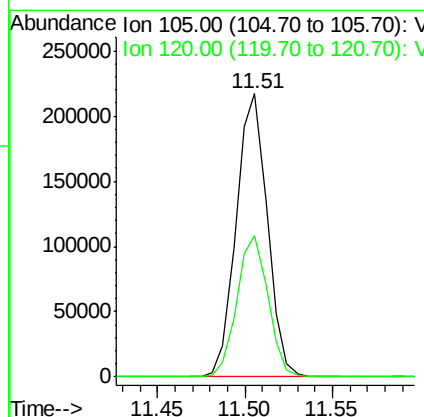
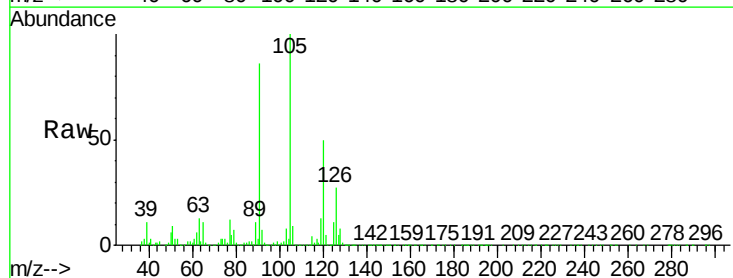
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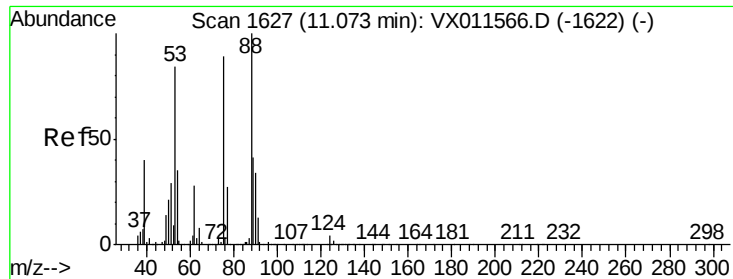
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.684 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011735.D
 Acq: 21 Aug 2019 16:17

Tgt Ion: 105 Resp: 268252
 Ion Ratio Lower Upper
 105 100
 120 49.7 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.861 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Instrument :

MSVOA_X

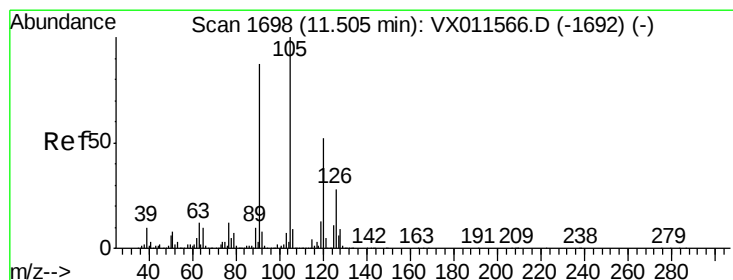
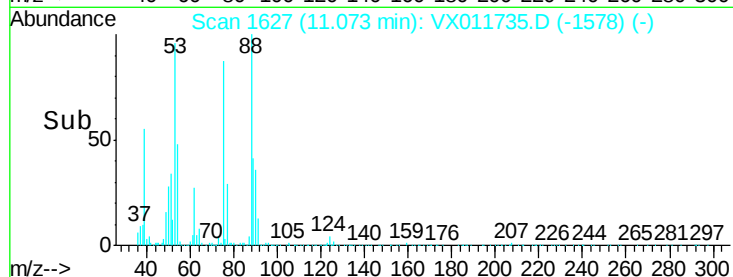
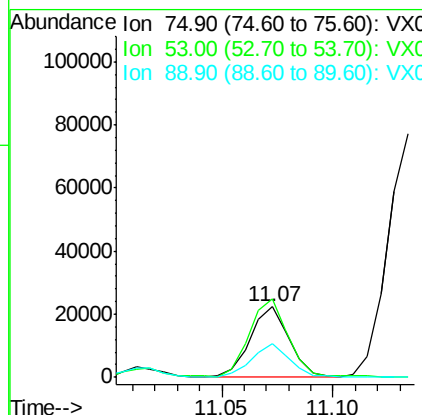
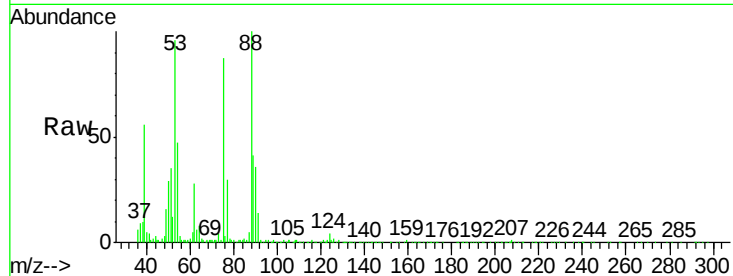
ClientSampleId :

VX0821WBSD01

Tot Ion:	75	Resp:	26834
Ion Ratio	Lower	Upper	
75	100		
53	111.6	77.4	116.0
89	49.0	37.3	55.9

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#82

4-Chlorotoluene

Concen: 21.331 ug/l

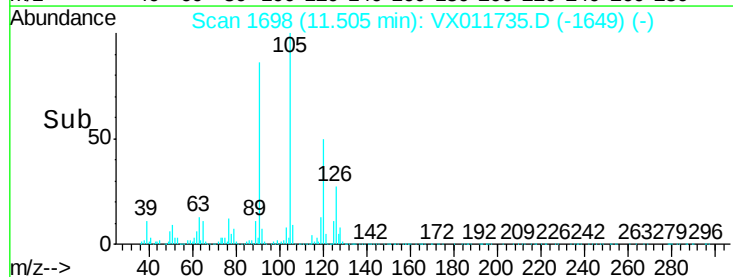
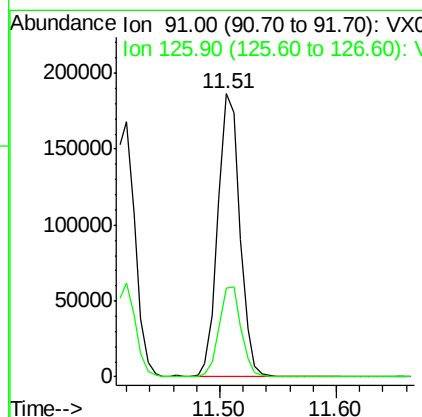
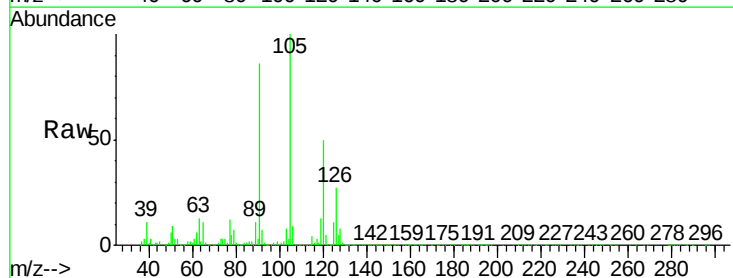
RT: 11.51 min Scan# 1698

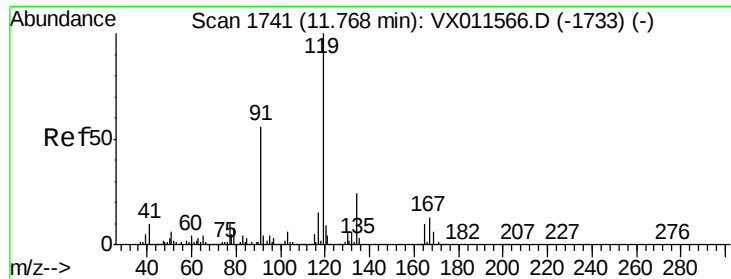
Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Tgt Ion:	91	Resp:	241310
Ion Ratio	Lower	Upper	
91	100		
126	32.1	16.4	49.1





#83

tert-Butylbenzene

Concen: 21.108 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Instrument :

MSVOA_X

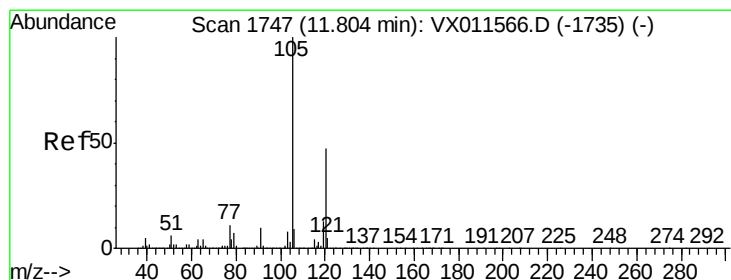
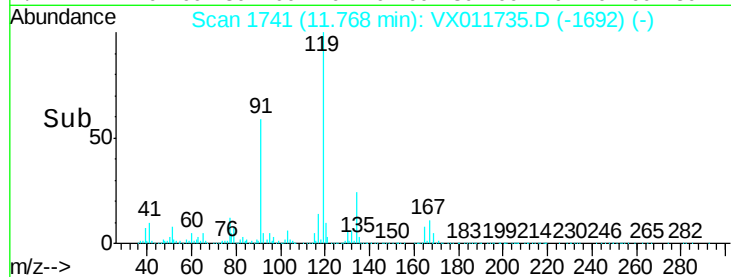
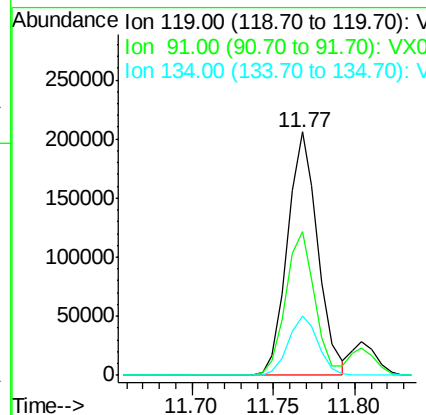
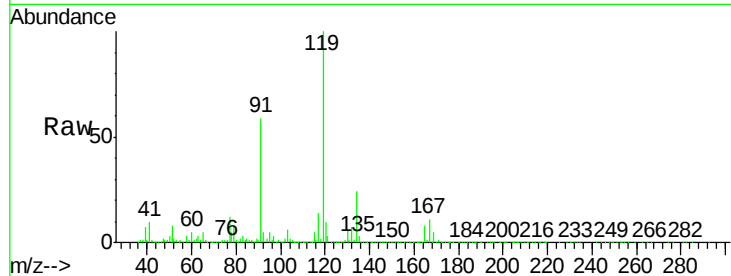
ClientSampleId :

VX0821WBSD01

Tot Ion:	119	Resp:	265950
Ion Ratio	Lower	Upper	
119	100		
91	57.3	27.1	81.3
134	23.9	11.8	35.3

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#84

1,2,4-Trimethylbenzene

Concen: 21.951 ug/l

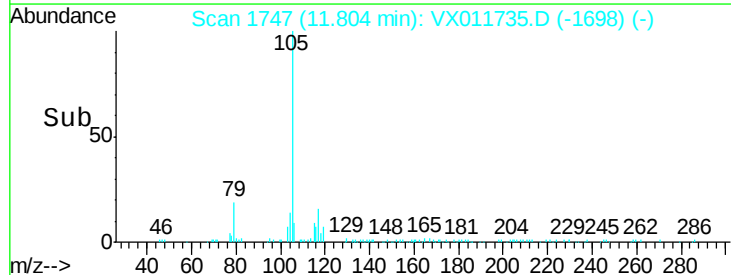
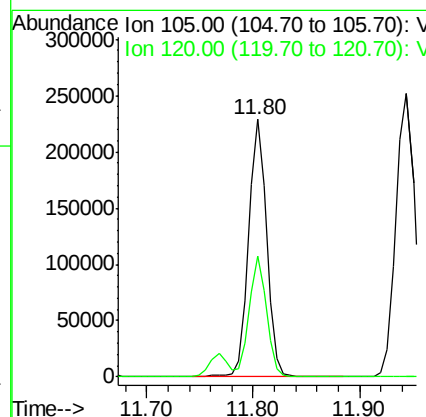
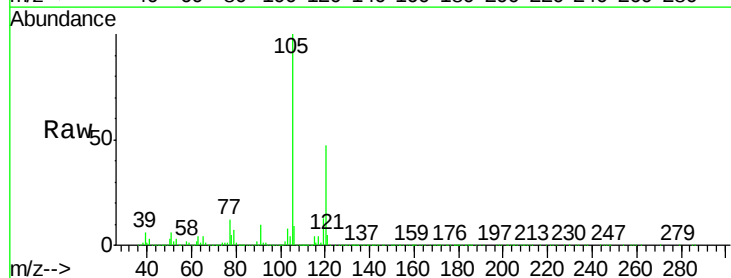
RT: 11.80 min Scan# 1747

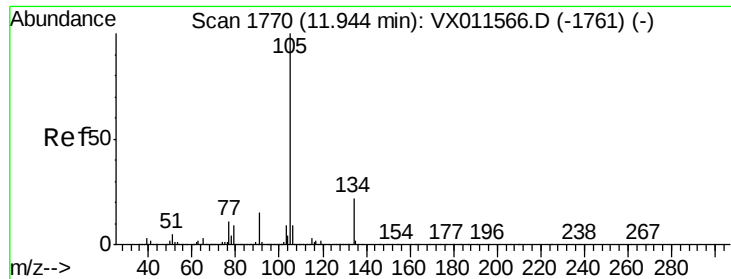
Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Tgt Ion:	105	Resp:	272616
Ion Ratio	Lower	Upper	
105	100		
120	45.2	23.3	69.9





#85

sec-Butylbenzene

Concen: 21.746 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD01

Tot Ion:105 Resp: 309124

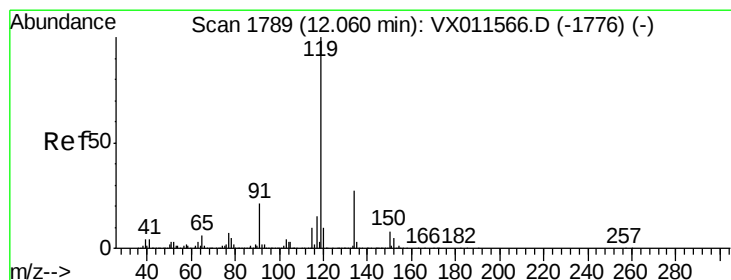
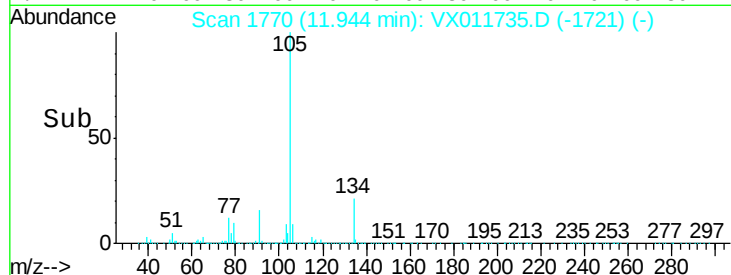
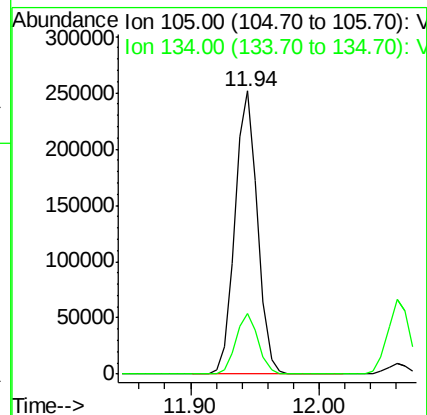
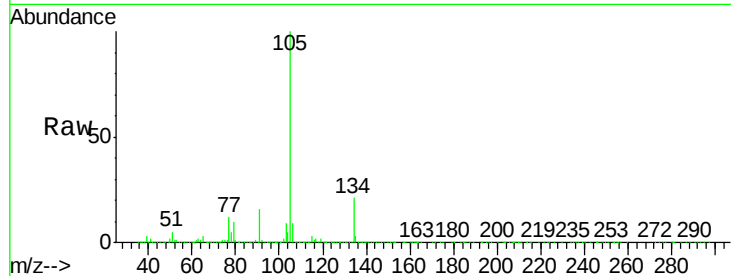
Ion Ratio Lower Upper

105 100

134 21.4 10.8 32.4

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#86

p-Isopropyltoluene

Concen: 21.689 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

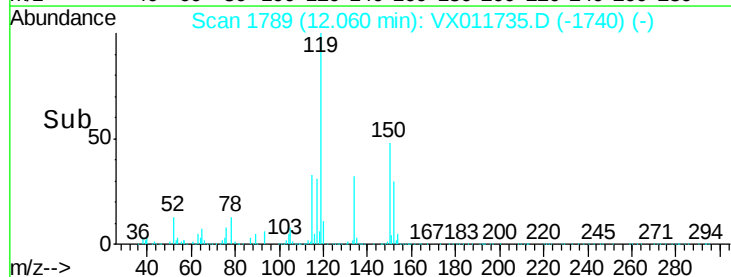
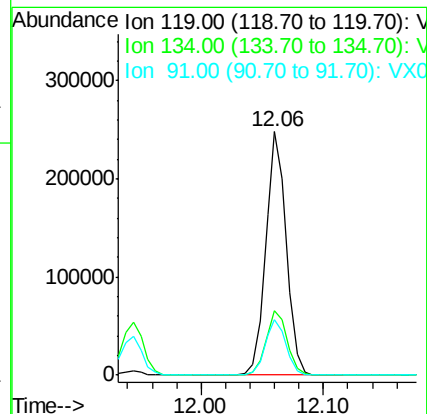
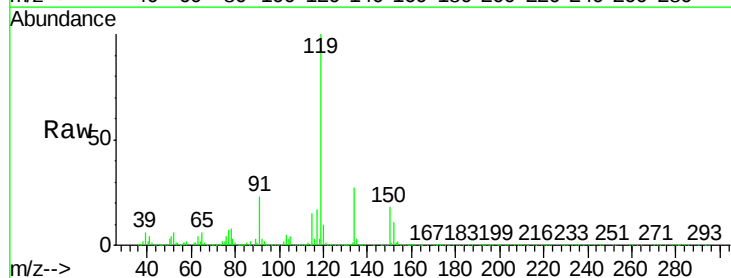
Tgt Ion:119 Resp: 290056

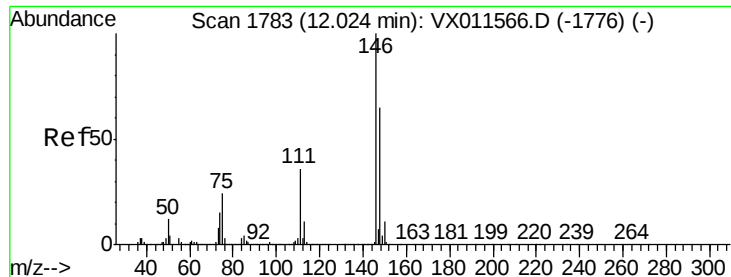
Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

91 23.2 10.9 32.9





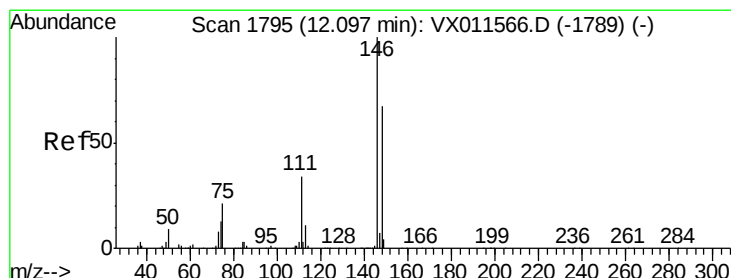
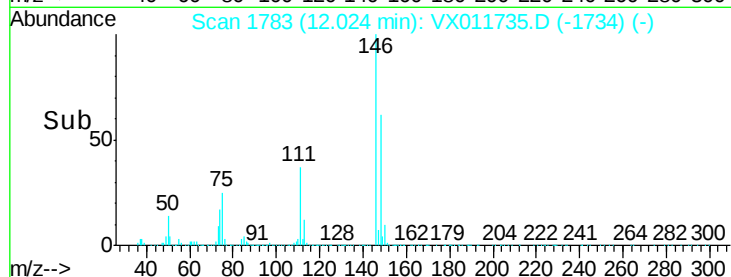
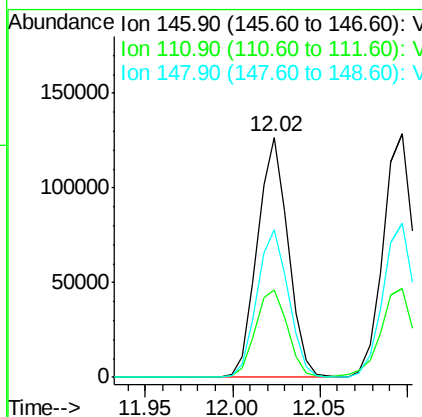
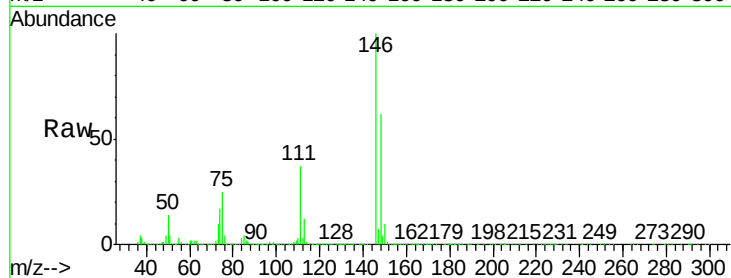
#87
 1,3-Dichlorobenzene
 Concen: 20.637 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011735.D
 Acq: 21 Aug 2019 16:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.1	54.4
148	63.0	32.0	96.0

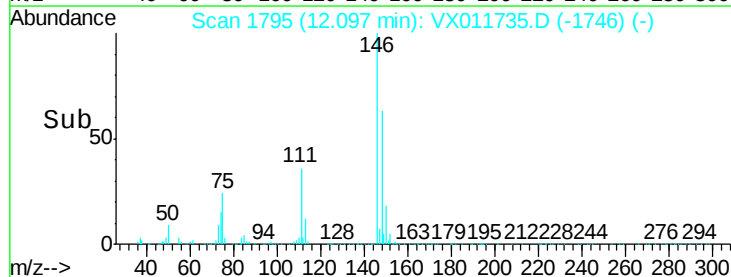
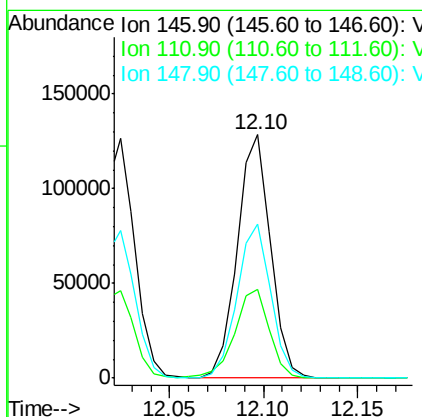
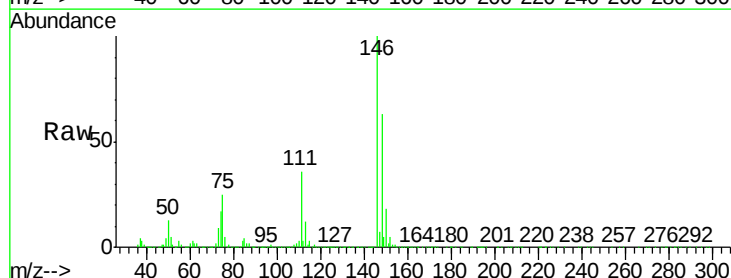
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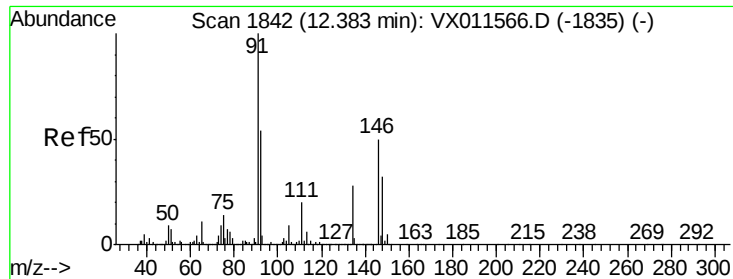
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#88
 1,4-Dichlorobenzene
 Concen: 20.544 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011735.D
 Acq: 21 Aug 2019 16:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	17.9	53.7
148	64.4	32.5	97.5





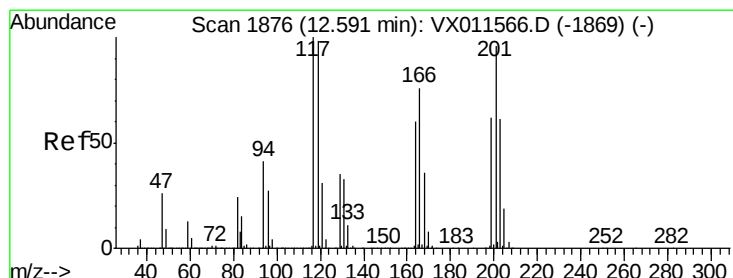
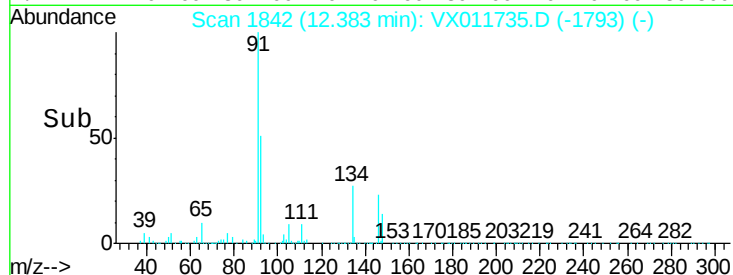
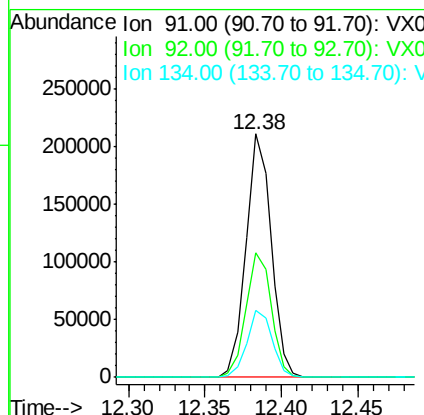
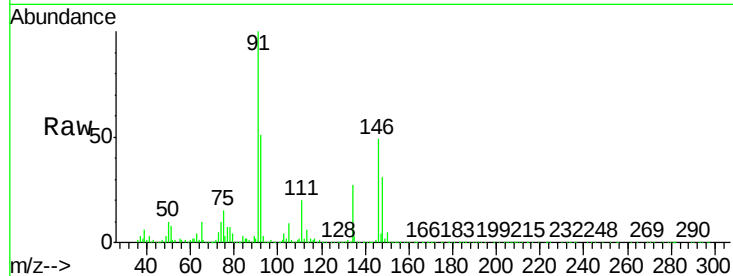
#89
n-Butylbenzene
Concen: 21.901 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011735.D
Acq: 21 Aug 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	240800		
92	51.7	26.8	80.3	
134	27.5	14.6	44.0	

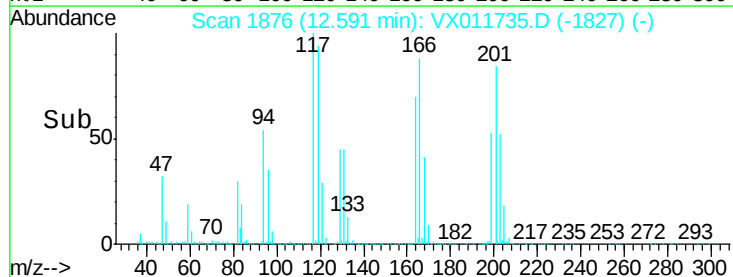
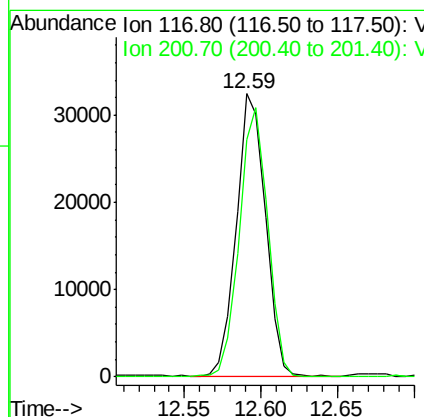
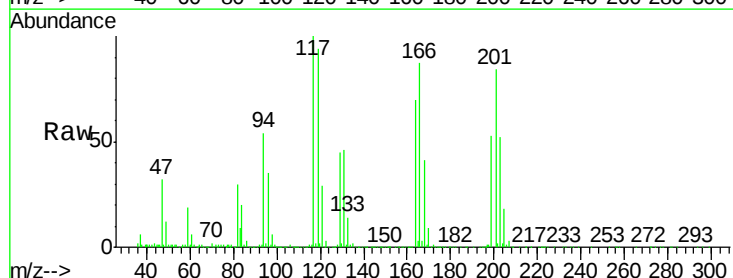
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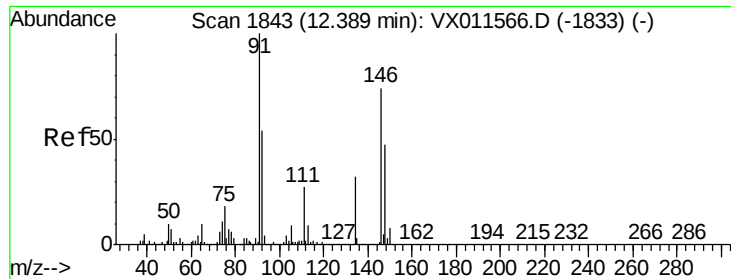
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#90
Hexachloroethane
Concen: 20.149 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011735.D
Acq: 21 Aug 2019 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	42552		
201	93.8	51.9	155.7	





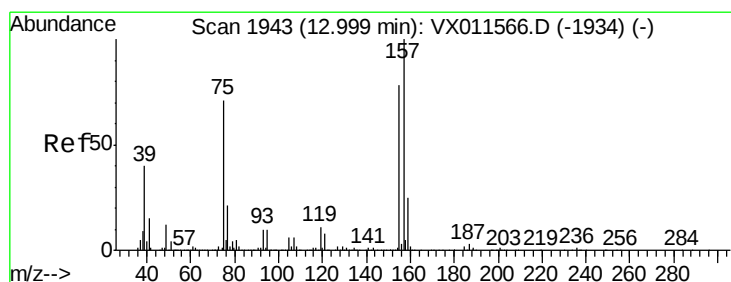
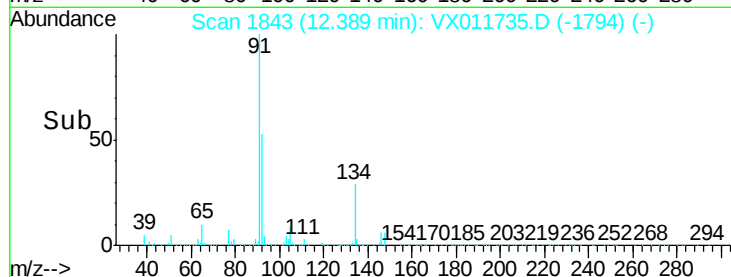
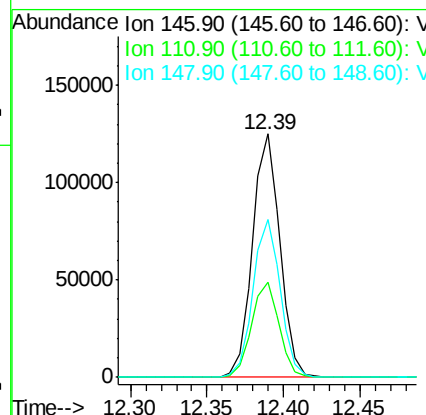
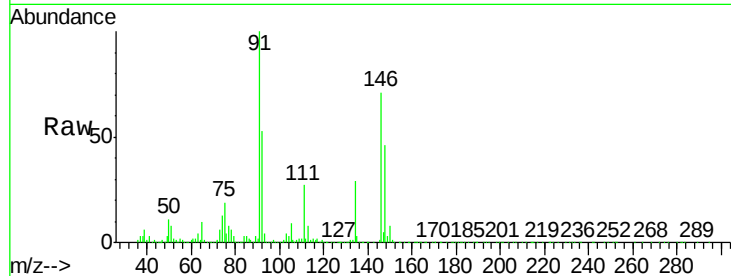
#91
 1,2-Dichlorobenzene
 Concen: 20.488 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011735.D
 Acq: 21 Aug 2019 16:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	154890		
111	38.9	18.9	56.7	
148	64.7	31.9	95.9	

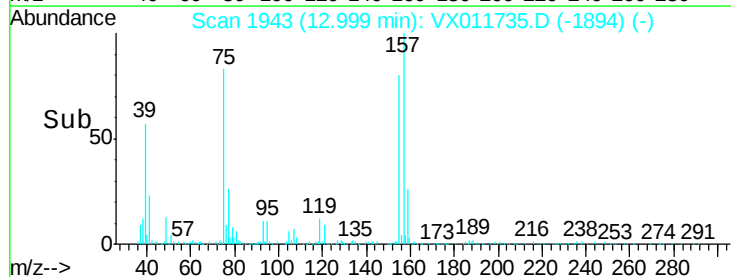
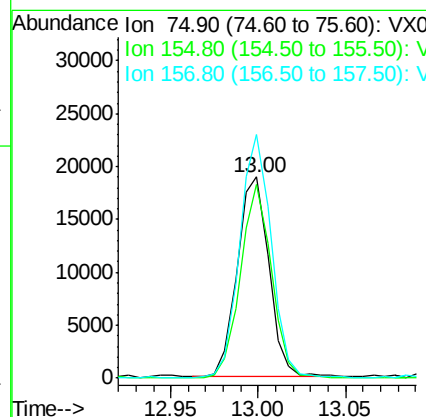
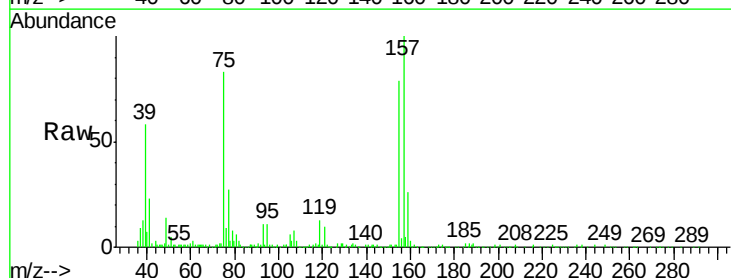
Manual Integrations
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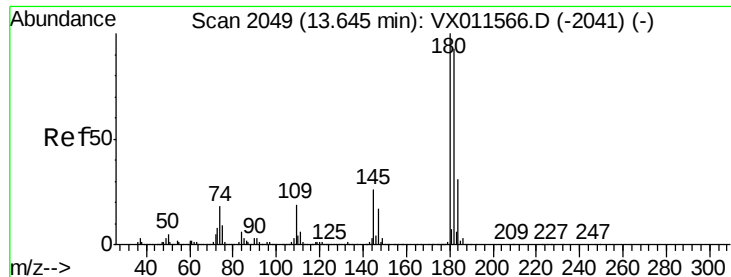
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.563 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011735.D
 Acq: 21 Aug 2019 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	23833		
155	95.3	53.0	159.0	
157	121.9	68.3	205.1	





#93

1,2,4-Trichlorobenzene

Concen: 19.709 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Instrument :

MSVOA_X

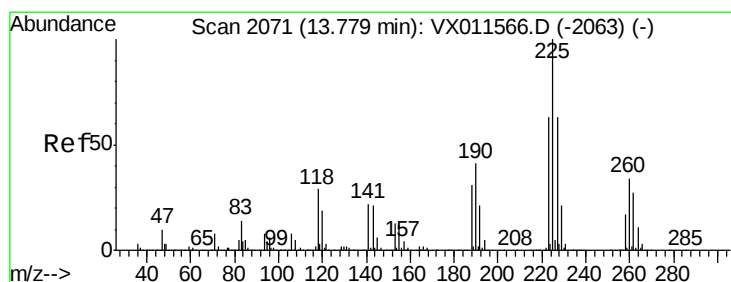
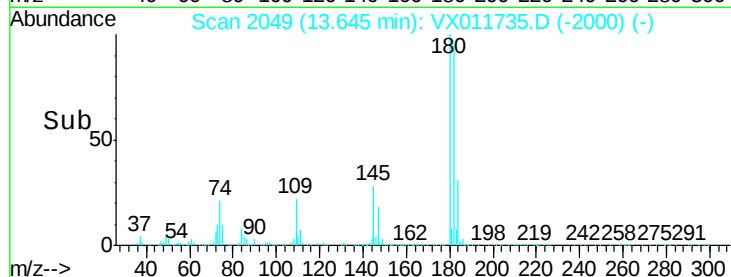
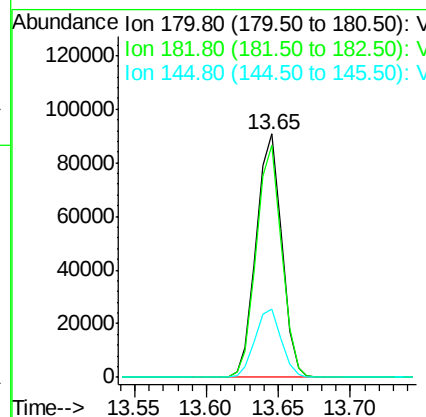
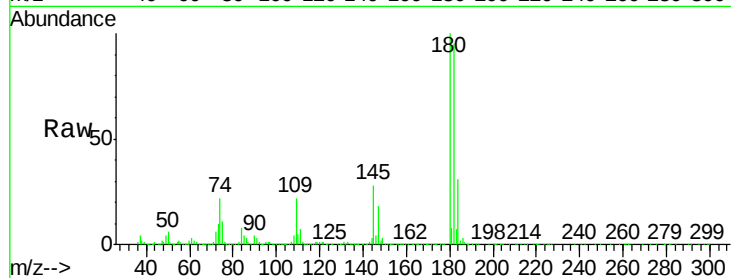
ClientSampleId :

VX0821WBSD01

Tot Ion:	180	Resp:	111019
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.3	142.0
145	28.8	13.6	40.8

Manual Integrations
APPROVED

MMDadoda
8/22/2019 10:01:15 AM



#94

Hexachlorobutadiene

Concen: 19.446 ug/l

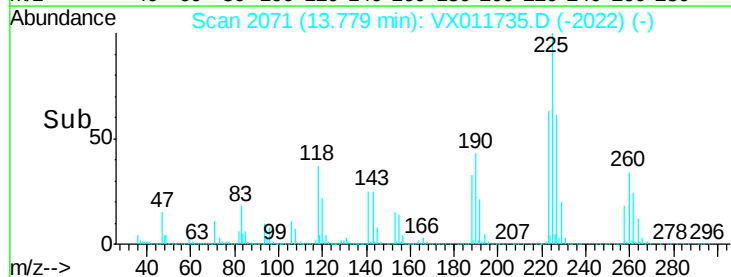
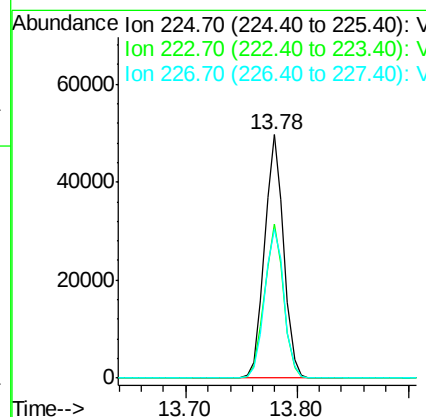
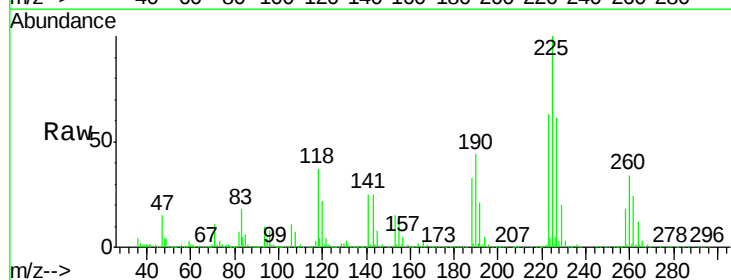
RT: 13.78 min Scan# 2071

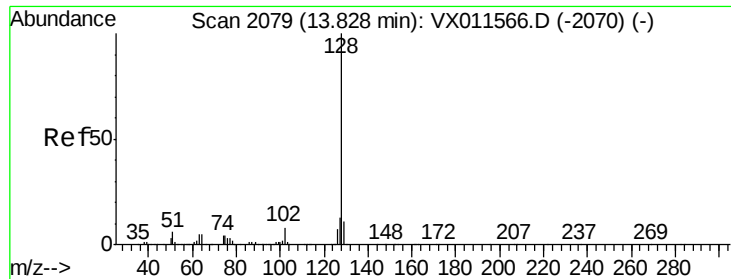
Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Tgt Ion:	225	Resp:	59647
Ion Ratio	Lower	Upper	
225	100		
223	63.2	31.4	94.0
227	62.5	31.2	93.6





#95

Naphthalene

Concen: 21.116 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Instrument :

MSVOA_X

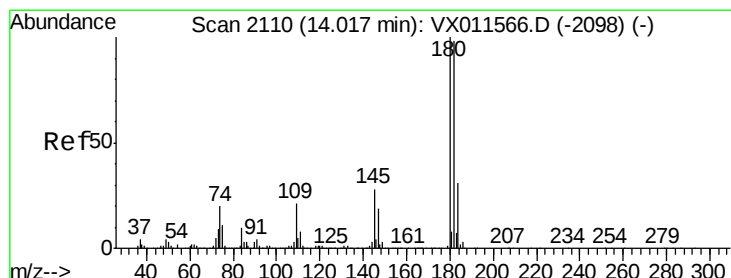
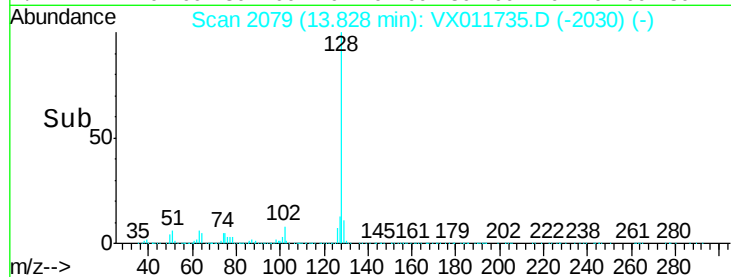
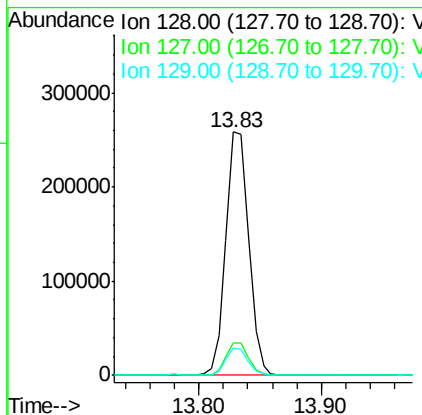
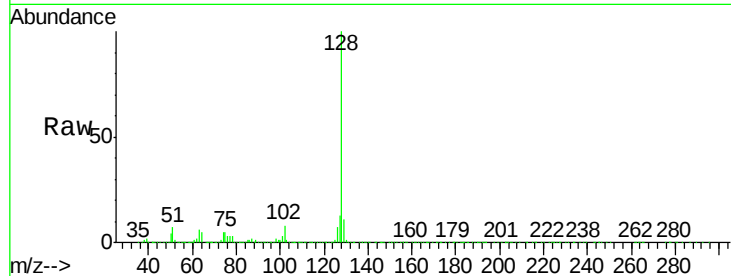
ClientSampleId :

VX0821WBSD01

Tot Ion:	128	Resp:	336259
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/22/2019 10:01:15 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.786 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011735.D

Acq: 21 Aug 2019 16:17

Tgt Ion:	180	Resp:	112417
Ion Ratio	Lower	Upper	
180	100		
182	97.7	48.0	144.0
145	31.1	14.6	43.8

