

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101520\
 Data File : VX018943.D
 Acq On : 15 Oct 2020 19:29
 Operator : JC/SP
 Sample : VX1015WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1015WBSD01

Manual Integrations
 APPROVED

apatel
 10/16/2020 2:11:42 PM

Quant Time: Oct 16 02:51:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 15 15:32:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	48017	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	267130	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	245646	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	92379	30.16	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.53%
60) 4-Bromofluorobenzene	11.12	95	114187	29.86	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.53%
63) Toluene-d8	8.70	98	319149	29.74	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.13%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	39745	17.458	ug/l 99
3) Chloromethane	1.31	50	47492	18.445	ug/l 99
4) Vinyl Chloride	1.39	62	58200	18.419	ug/l 100
5) Bromomethane	1.63	94	47421	25.343	ug/l 98
6) Chloroethane	1.72	64	40515	18.590	ug/l 99
7) Trichlorofluoromethane	1.92	101	92001	18.495	ug/l 99
8) Diethyl Ether	2.17	74	36553	18.667	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	44297	16.016	ug/l 99
10) 1,1-Dichloroethene	2.36	96	48490	16.869	ug/l 97
11) Methyl Iodide	2.49	142	54152	15.866	ug/l 98
12) Methyl Acetate	2.75	43	52784	18.725	ug/l 98
13) Acrolein	2.27	56	46017	85.371	ug/l 96
14) Acrylonitrile	3.12	53	122911	93.722	ug/l 98
15) Acetone	2.42	58	37612	85.207	ug/l 99
16) Carbon Disulfide	2.55	76	126938	18.006	ug/l 99
17) Allyl chloride	2.71	41	65808	17.642	ug/l 97
18) Methylene Chloride	2.84	84	53444	18.449	ug/l 96
19) trans-1,2-Dichloroethene	3.14	96	51477	17.781	ug/l 98
20) Diisopropyl ether	3.82	45	126244	18.239	ug/l 96
21) 1,1-Dichloroethane	3.67	63	85818	18.139	ug/l 99
22) cis-1,2-Dichloroethene	4.57	96	59658	18.200	ug/l 97
23) tert-Butyl Alcohol	3.01	59	73108	100.129	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	144991	18.266	ug/l 98
25) Chloroform	5.18	83	93227	18.564	ug/l 97
26) Cyclohexane	5.55	56	66950	17.579	ug/l # 96
29) 1,1-Dichloropropene	5.77	75	67300	17.377	ug/l 99
30) 2-Butanone	4.64	43	182261	94.435	ug/l 99
31) 2,2-Dichloropropane	4.55	77	76553	16.779	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	85487	18.186	ug/l 99
33) Carbon Tetrachloride	5.75	117	76632	17.788	ug/l 98
34) Benzene	6.12	78	210004	18.296	ug/l 100
35) Methacrylonitrile	5.01	41	37273	18.661	ug/l 96
36) 1,2-Dichloroethane	6.17	62	70214	18.609	ug/l 100
37) Trichloroethene	7.19	130	60749	18.035	ug/l 99
38) Methylcyclohexane	7.44	83	76156	17.247	ug/l 98
39) 1,2-Dichloropropane	7.49	63	51695	18.414	ug/l 94
40) Dibromomethane	7.64	93	37798	18.330	ug/l 98

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Quant Time: Oct 16 02:51:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 15 15:32:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	77705	18.512	ug/l	99
42) Vinyl Acetate	3.79	43	623425	90.181	ug/l	99
43) Ethyl Acetate	4.80	43	70903	17.750	ug/l	97
44) Isopropyl Acetate	6.41	43	117057	18.249	ug/l	# 100
45) 1,4-Dioxane	7.71	88	27297	398.749	ug/l	98
46) Methyl methacrylate	7.74	41	54577	18.301	ug/l	97
47) n-amyl Acetate	10.88	43	100698	18.795	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	86941	18.139	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	91504	17.954	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	56361	19.047	ug/l	99
51) Ethyl methacrylate	9.16	69	87080	18.698	ug/l	99
52) 1,3-Dichloropropane	9.35	76	92351	18.914	ug/l	99
53) Dibromochloromethane	9.57	129	67464	19.168	ug/l	100
54) 1,2-Dibromoethane	9.65	107	61534	18.918	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	229631	93.469	ug/l	99
56) Bromoform	10.84	173	51332	18.893	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	359526	91.718	ug/l	100
59) 2-Hexanone	9.47	43	277713	92.527	ug/l	99
61) Tetrachloroethene	9.32	164	52715	17.452	ug/l	99
62) Toluene	8.76	91	235620	17.901	ug/l	99
64) Chlorobenzene	10.12	112	153813	18.371	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.20	131	60113	18.498	ug/l	99
66) Ethyl Benzene	10.23	91	266700	18.283	ug/l	100
67) m/p-Xylenes	10.34	106	205513	35.959	ug/l	100
68) o-Xylene	10.68	106	100704	18.632	ug/l	99
69) Styrene	10.70	104	169304	18.222	ug/l	99
70) Isopropylbenzene	11.00	105	262995	18.314	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	81809	18.289	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	77074m	18.442	ug/l	
73) Bromobenzene	11.24	156	67723	18.315	ug/l	99
74) n-propylbenzene	11.34	91	292810	17.900	ug/l	100
75) 2-Chlorotoluene	11.40	91	171507	18.138	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	216877	18.034	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	31937	17.650	ug/l	98
78) 4-Chlorotoluene	11.49	91	197385	17.729	ug/l	100
79) tert-butylbenzene	11.76	119	223361	18.337	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	213256	17.797	ug/l	98
81) sec-Butylbenzene	11.93	105	252461	18.074	ug/l	99
82) p-Isopropyltoluene	12.05	119	229629	17.636	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	115358	17.536	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	113940	17.182	ug/l	99
85) n-Butylbenzene	12.37	91	194564	16.699	ug/l	100
86) Hexachloroethane	12.58	117	40024	18.119	ug/l	97
87) 1,2-Dichlorobenzene	12.37	146	113167	17.772	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	19892	18.369	ug/l	96
89) 1,2,4-Trichlorobenzene	13.63	180	78055	16.786	ug/l	99
90) Hexachlorobutadiene	13.76	225	33127	17.054	ug/l	97
91) Naphthalene	13.82	128	267112	17.614	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	78379	17.286	ug/l	100

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Instrument :
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ClientSampleId :
VX1015WBSD01

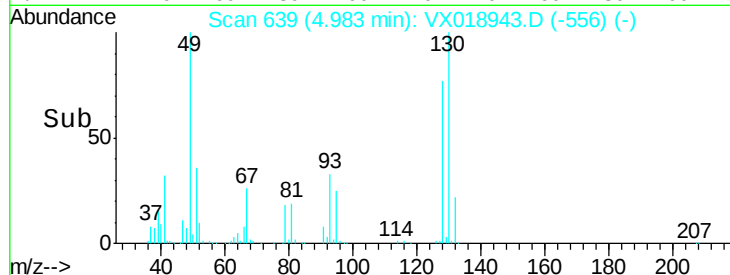
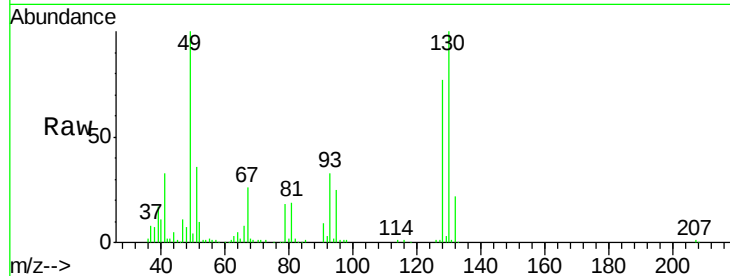
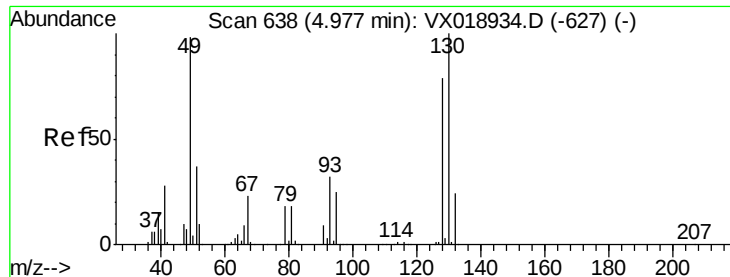
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX018943.D

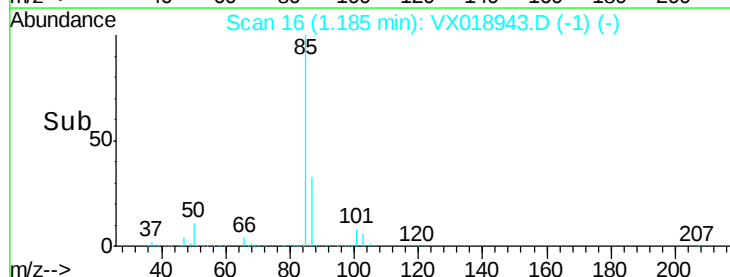
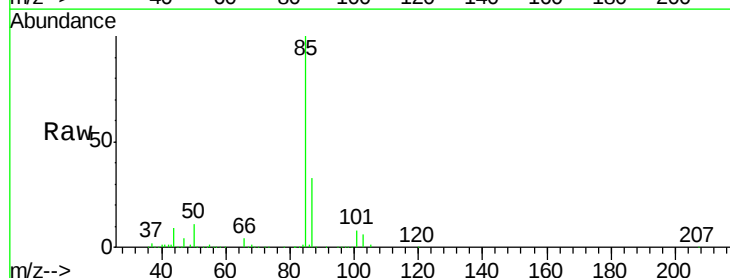
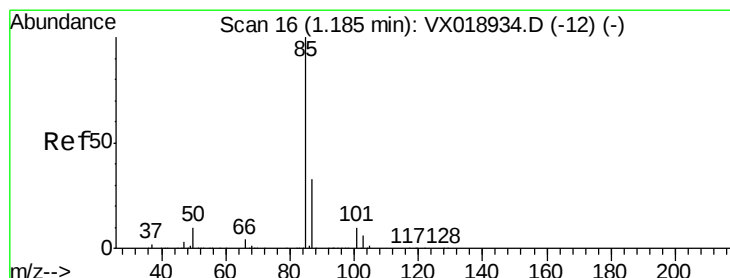
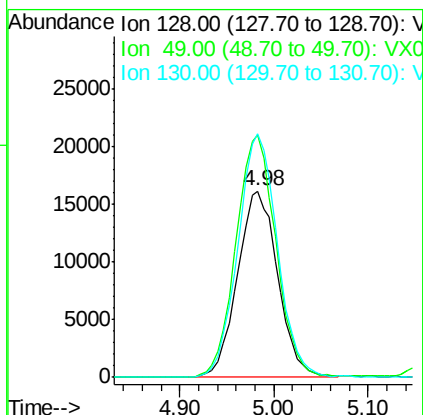
Acq: 15 Oct 2020 19:29

Tot Ion:	128	Resp:	48017
Ion	Ratio	Lower	Upper
128	100		
49	129.4	0.0	330.5
130	128.2	0.0	323.8

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 17.458 ug/l

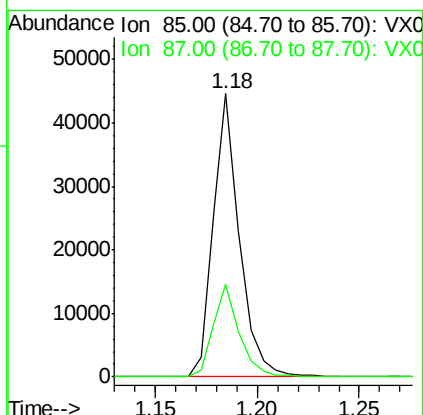
RT: 1.18 min Scan# 16

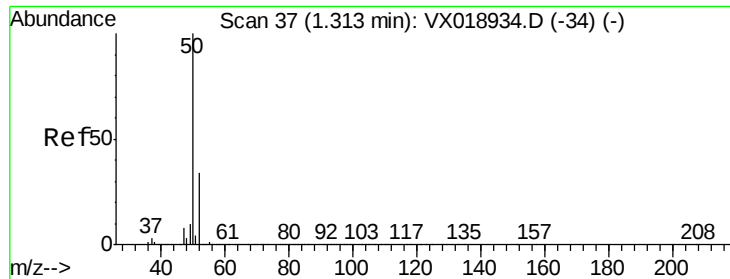
Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Tgt Ion:	85	Resp:	39745
Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.3	48.8





#3

Chloromethane

Concen: 18.445 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

Tot Ion: 50 Resp: 47492

Ion Ratio Lower Upper

50 100

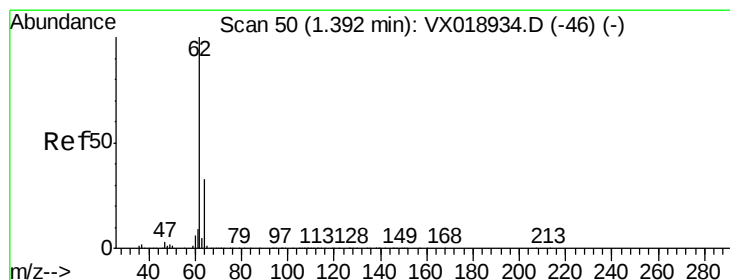
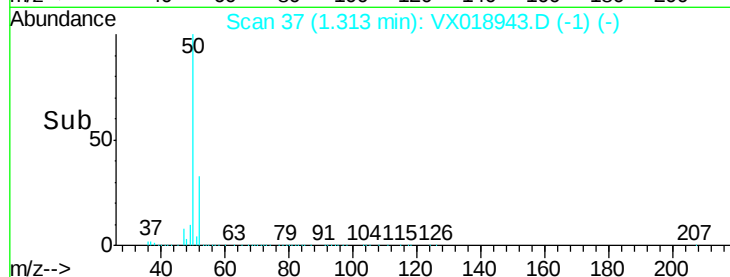
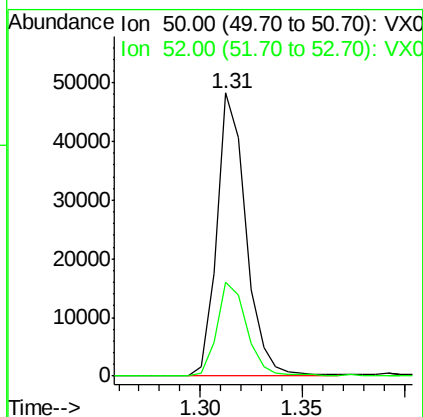
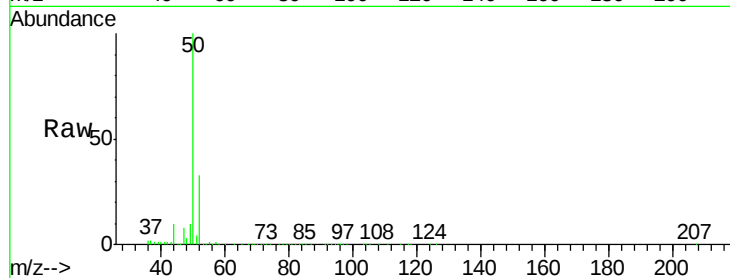
52 33.2 27.0 40.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.419 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018943.D

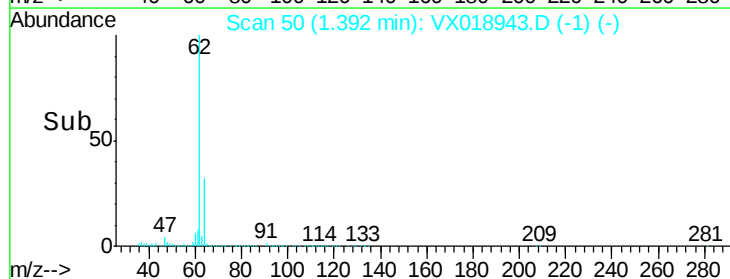
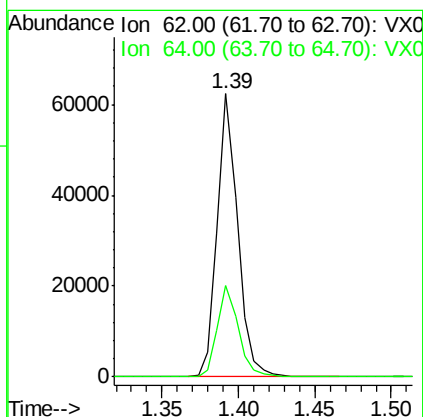
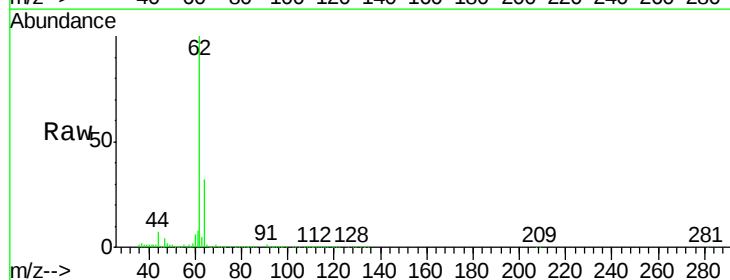
Acq: 15 Oct 2020 19:29

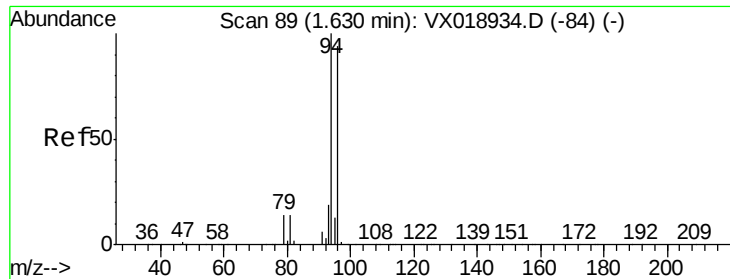
Tgt Ion: 62 Resp: 58200

Ion Ratio Lower Upper

62 100

64 32.3 26.1 39.1





#5

Bromomethane

Concen: 25.343 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

Tot Ion: 94 Resp: 47421

Ion Ratio Lower Upper

94 100

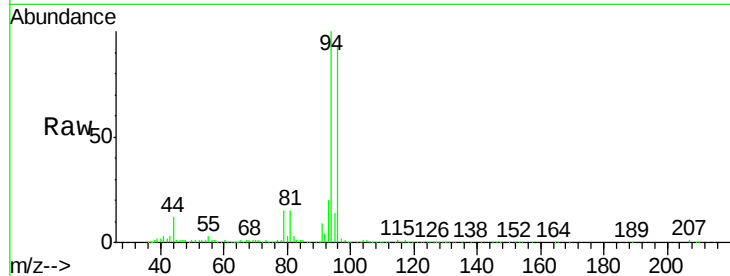
96 93.2 75.9 113.9

Manual Integrations

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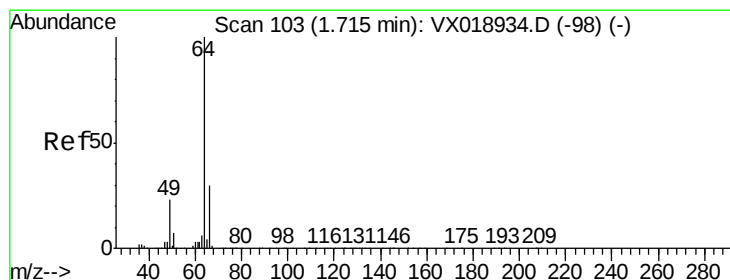
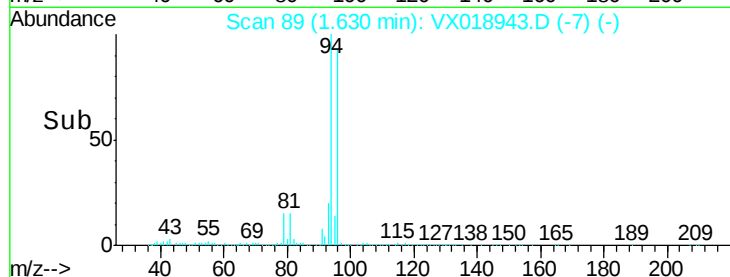
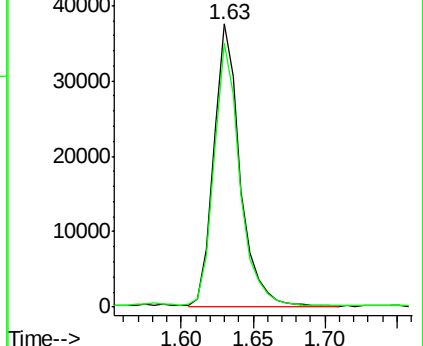
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.590 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018943.D

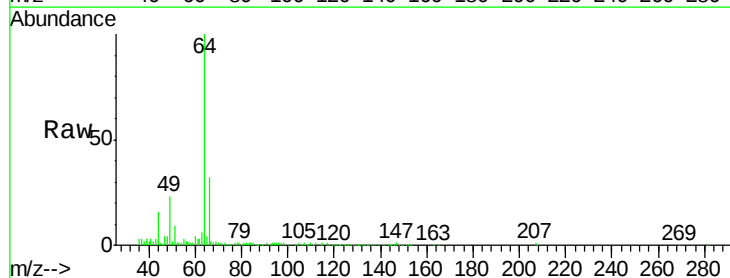
Acq: 15 Oct 2020 19:29

Tgt Ion: 64 Resp: 40515

Ion Ratio Lower Upper

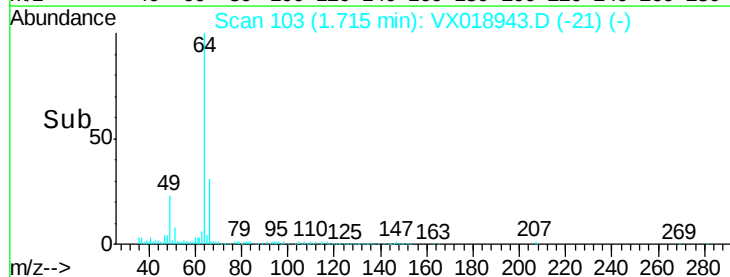
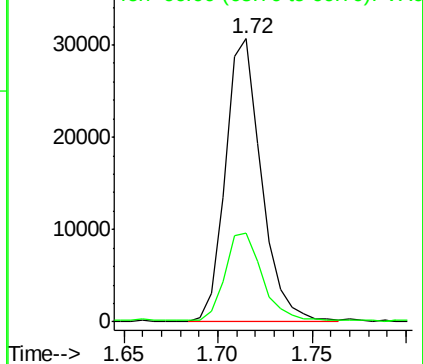
64 100

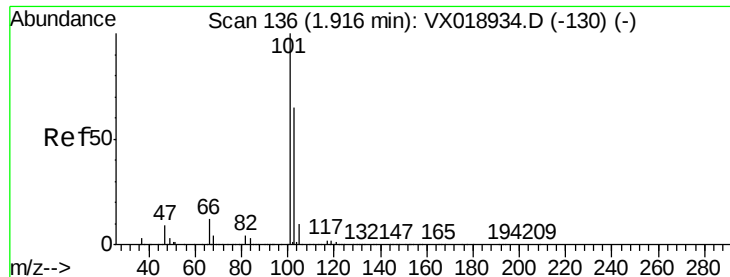
66 31.1 24.5 36.7



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

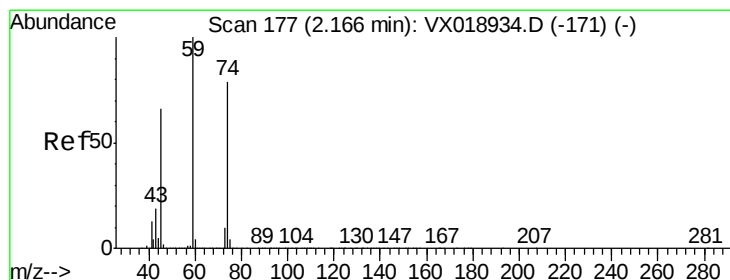
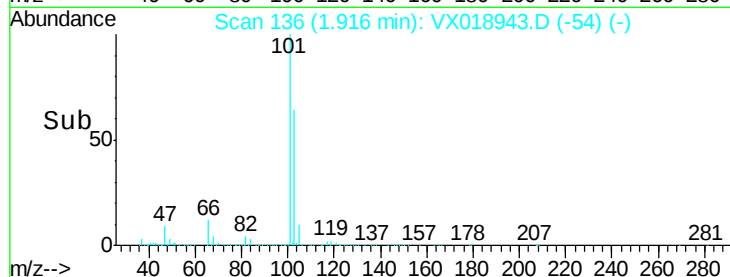
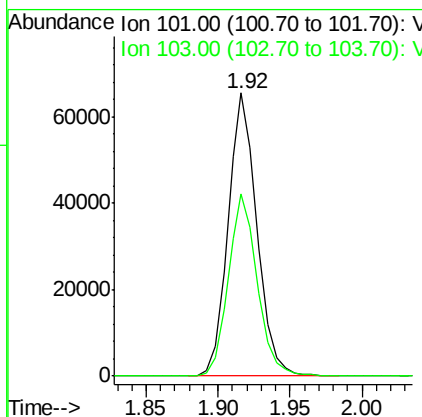
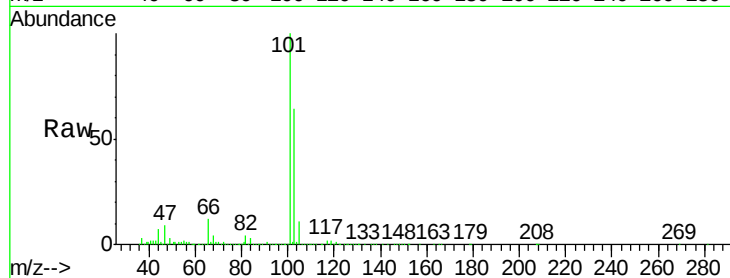
Trichlorofluoromethane
Concen: 18.495 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

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ClientSampleId :
VX1015WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.8	77.6

Manual Integrations
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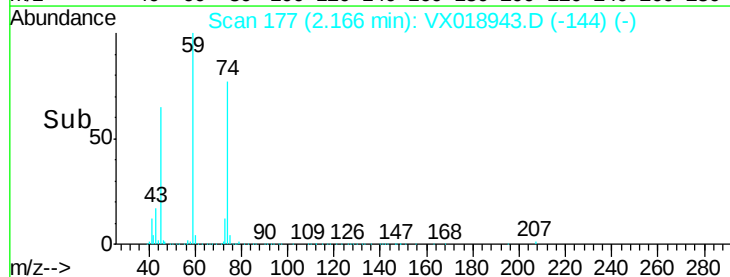
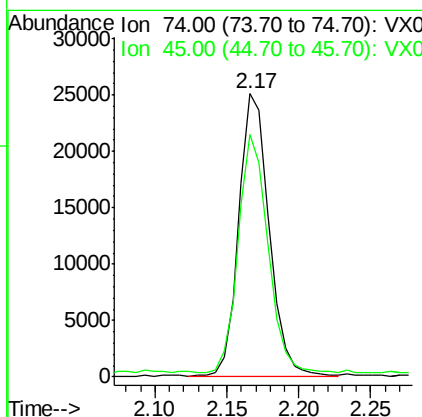
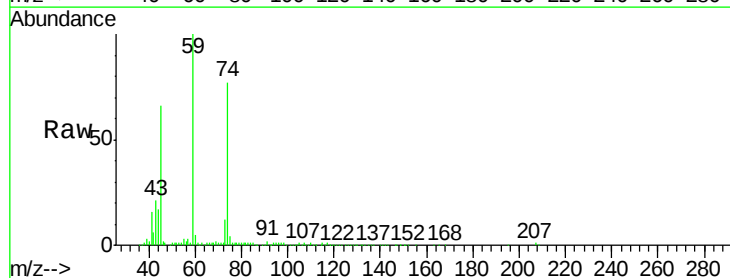
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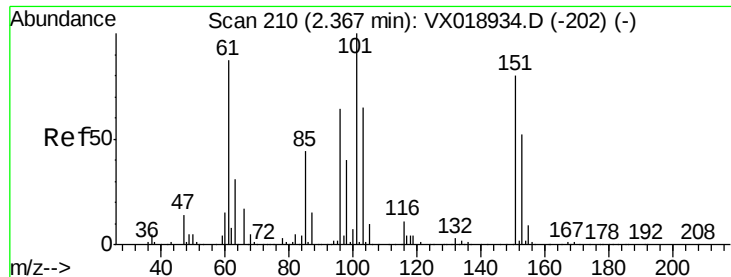


#8

Diethyl Ether
Concen: 18.667 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	83.0	16.6	149.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.016 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

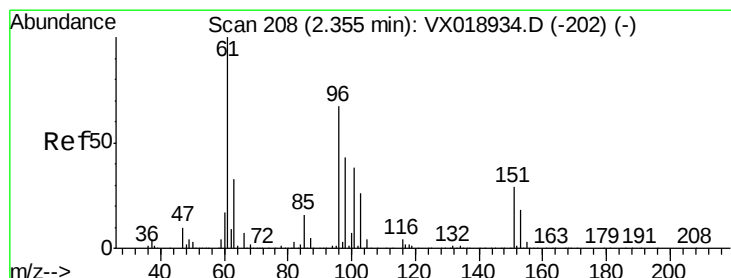
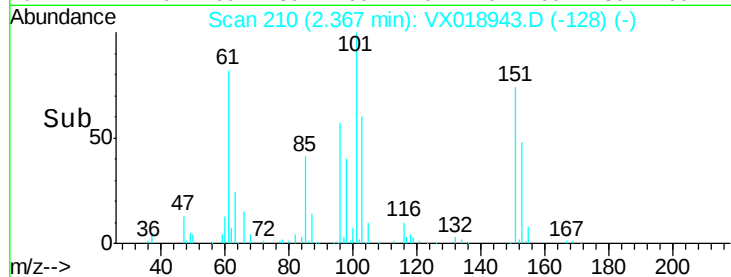
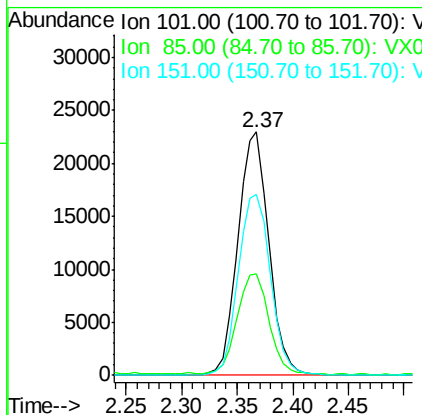
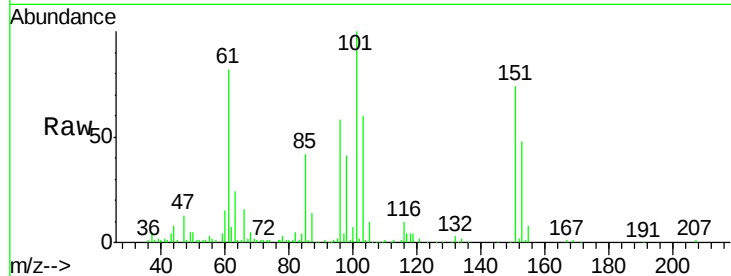
ClientSampleId :

VX1015WBSD01

Tot Ion:	101	Resp:	44297
Ion Ratio	Lower	Upper	
101	100		
85	41.6	0.0	85.4
151	77.8	0.0	157.6

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#10

1,1-Dichloroethene

Concen: 16.869 ug/l

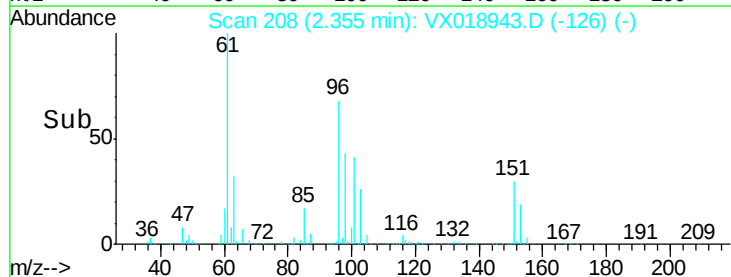
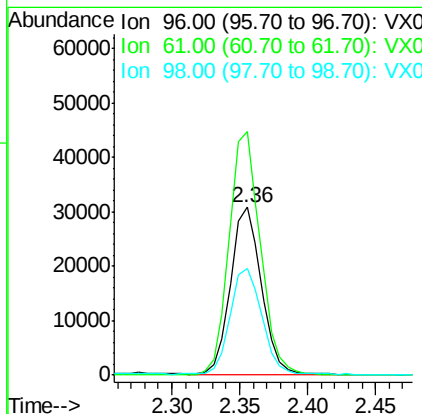
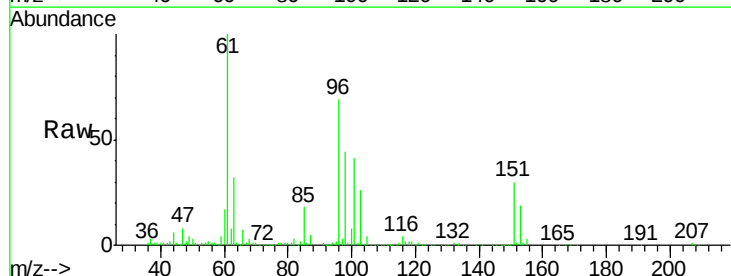
RT: 2.36 min Scan# 208

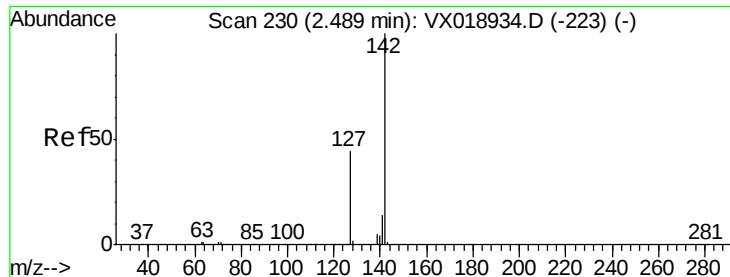
Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Tgt Ion:	96	Resp:	48490
Ion Ratio	Lower	Upper	
96	100		
61	145.7	120.2	180.4
98	63.3	51.4	77.0





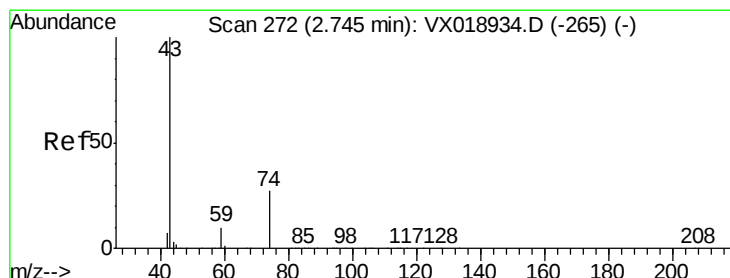
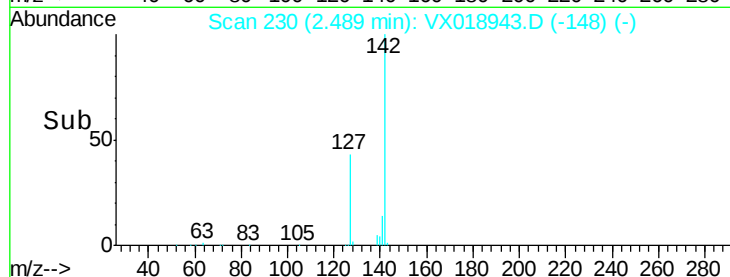
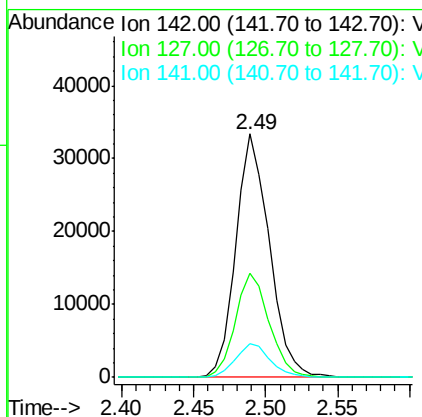
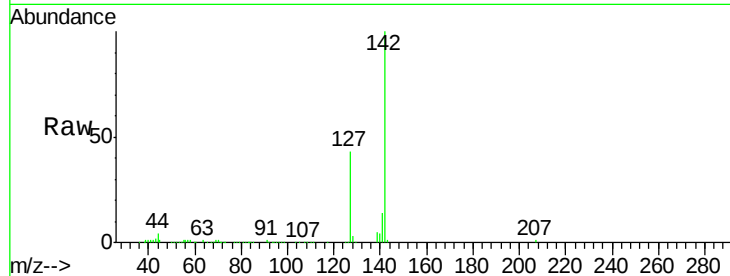
#11
Methyl Iodide
Concen: 15.866 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	42.9	22.1	66.1
141	13.9	7.0	21.1

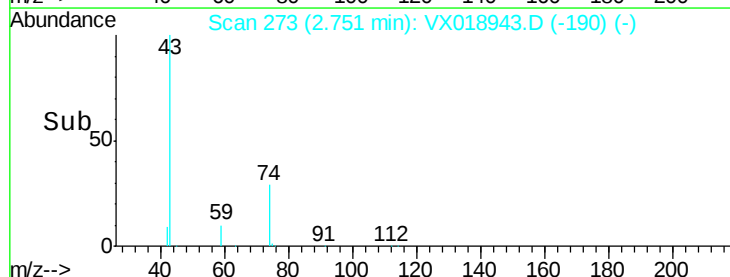
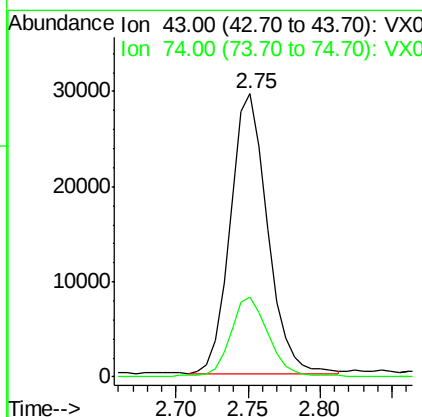
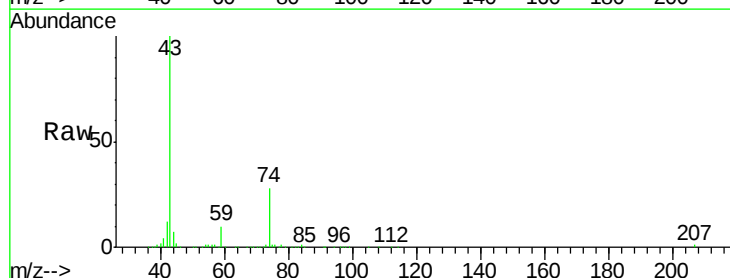
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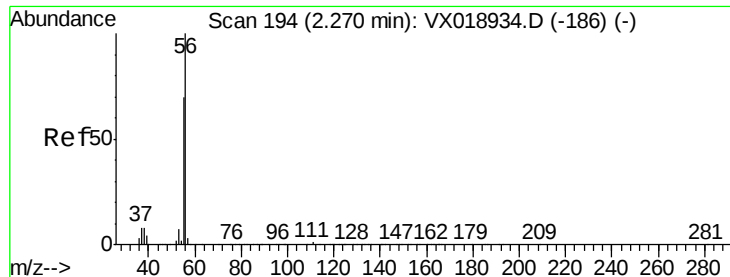
apatel
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#12
Methyl Acetate
Concen: 18.725 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.1	21.6	32.4





#13

Acrolein

Concen: 85.371 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

Tot Ion: 56 Resp: 46017

Ion Ratio Lower Upper

56 100

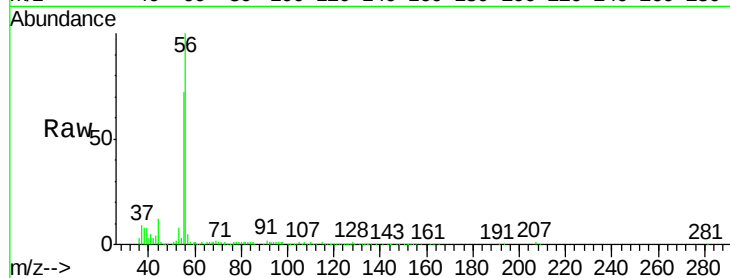
55 68.4 57.1 85.7

Manual Integrations

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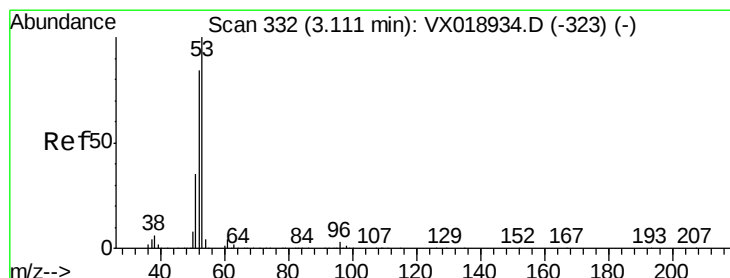
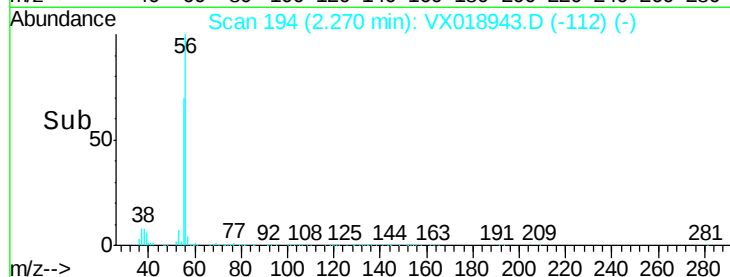
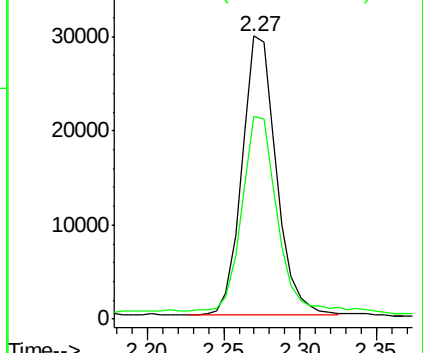
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 93.722 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.01 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

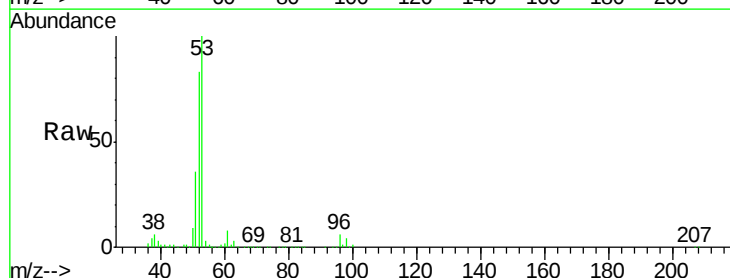
Tgt Ion: 53 Resp: 122911

Ion Ratio Lower Upper

53 100

52 82.9 40.3 120.8

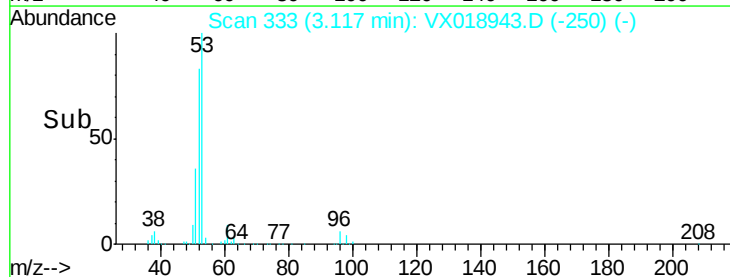
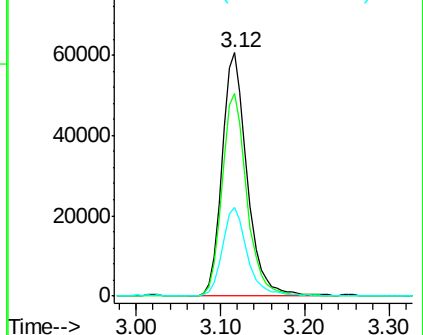
51 36.1 17.6 52.8

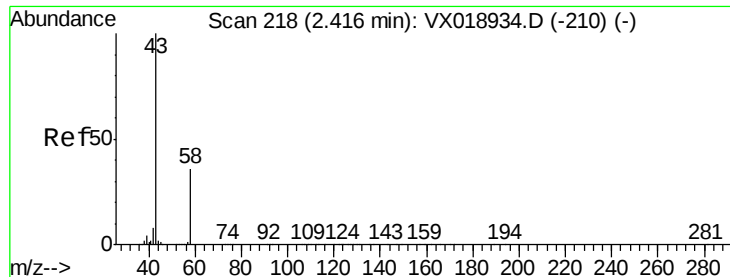


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 85.207 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Tot Ion: 58 Resp: 37612

Ion Ratio Lower Upper

58 100

43 278.3 223.8 335.8

Instrument :

MSVOA_X

ClientSampleId :

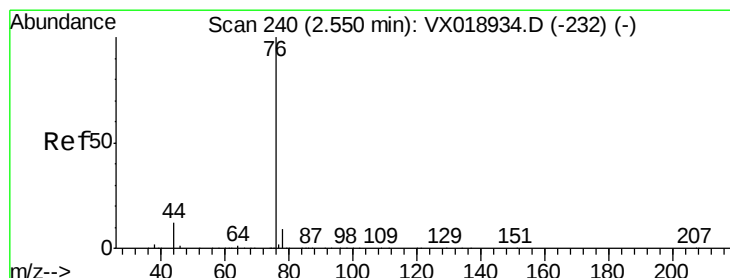
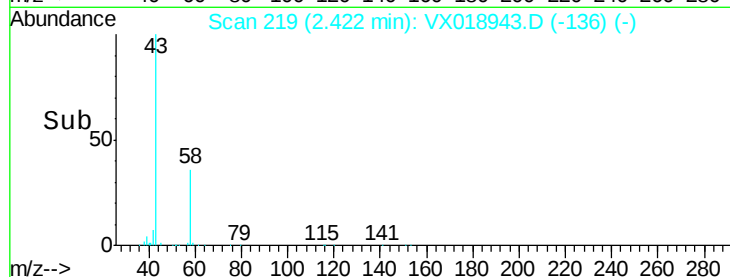
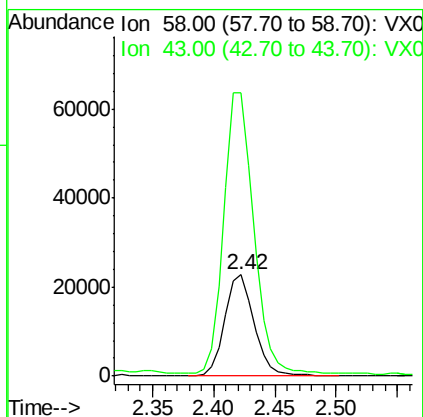
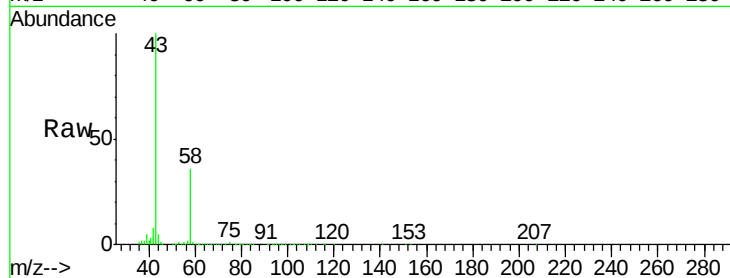
VX1015WBSD01

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#16

Carbon Disulfide

Concen: 18.006 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018943.D

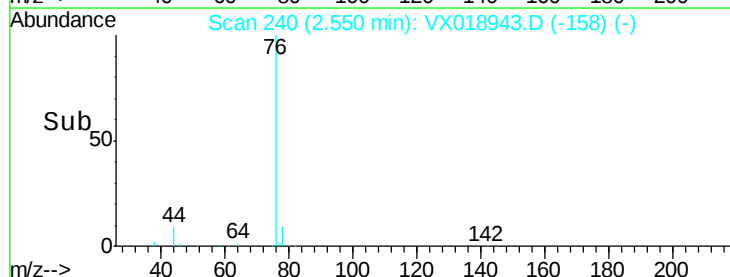
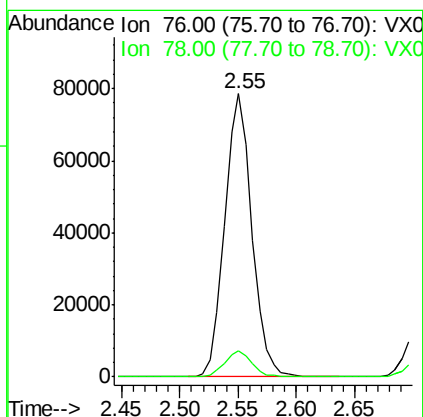
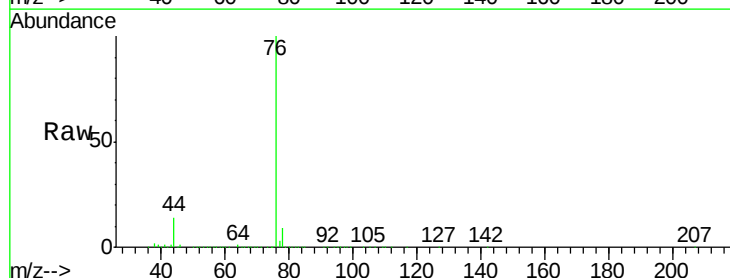
Acq: 15 Oct 2020 19:29

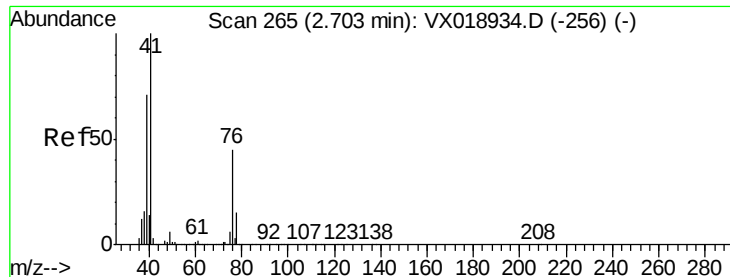
Tgt Ion: 76 Resp: 126938

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2





#17

Allvl chloride

Concen: 17.642 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

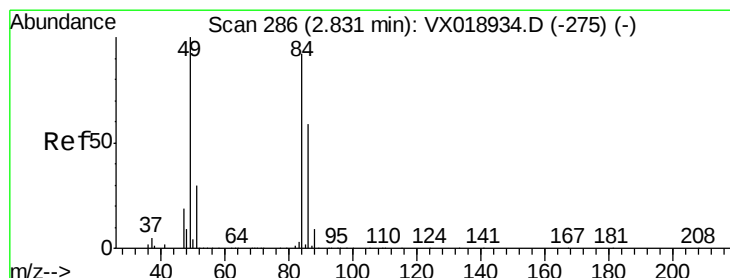
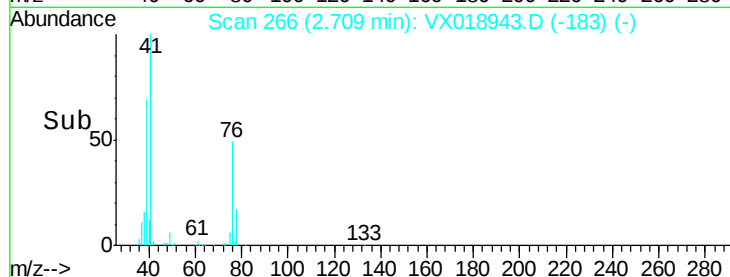
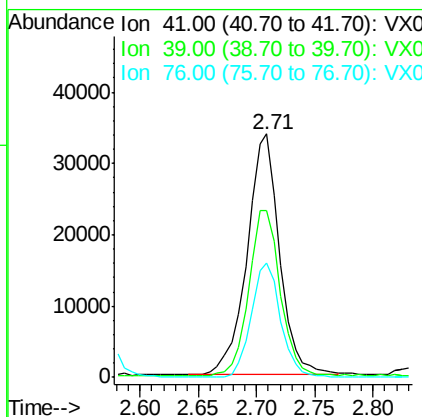
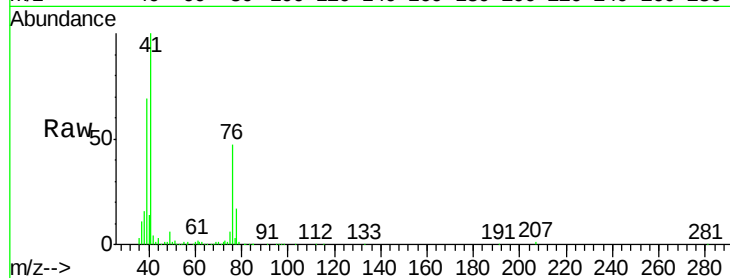
ClientSampleId :

VX1015WBSD01

Tot Ion:	41	Resp:	65808
Ion	Ratio	Lower	Upper
41	100		
39	68.7	35.4	106.3
76	47.4	22.4	67.2

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#18

Methylene Chloride

Concen: 18.449 ug/l

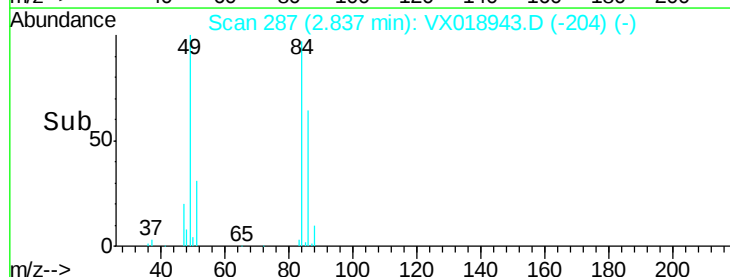
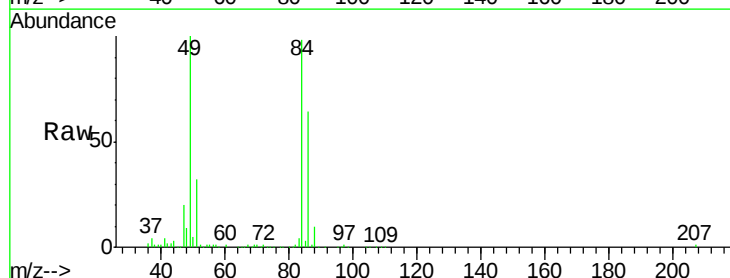
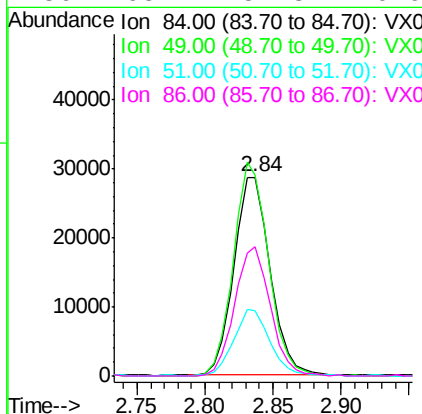
RT: 2.84 min Scan# 287

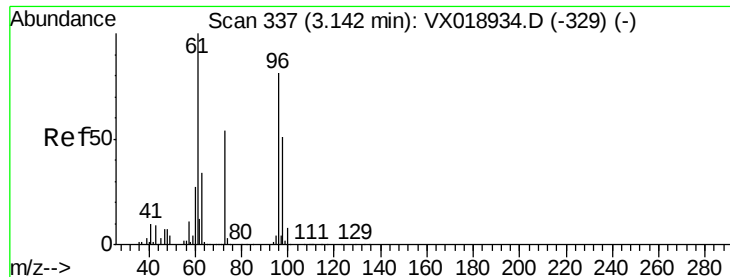
Delta R.T. 0.01 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Tgt Ion:	84	Resp:	53444
Ion	Ratio	Lower	Upper
84	100		
49	101.9	87.2	130.8
51	32.4	25.9	38.9
86	65.4	51.3	76.9





#19

trans-1,2-Dichloroethene

Concen: 17.781 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

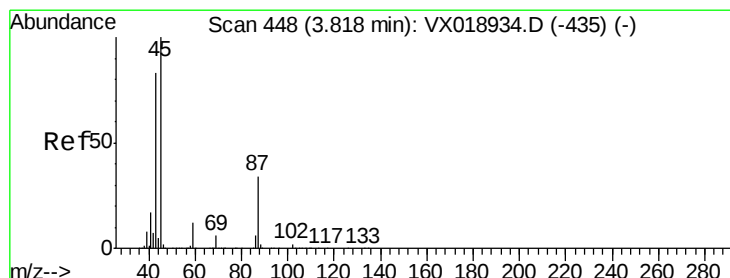
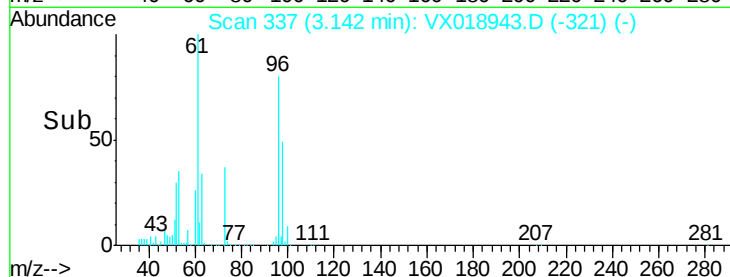
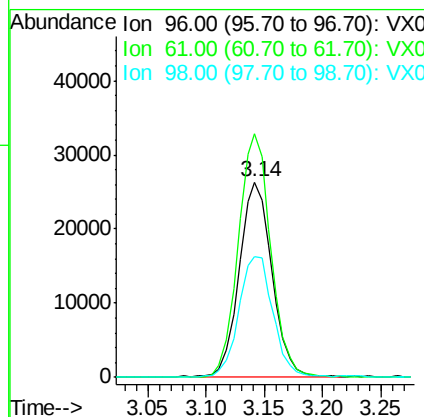
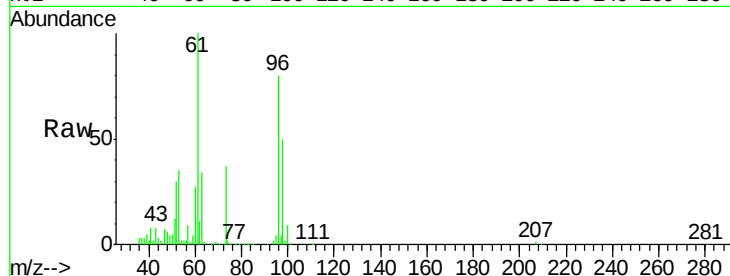
ClientSampleId :

VX1015WBSD01

Tot Ion:	96	Resp:	51477
Ion	Ratio	Lower	Upper
96	100		
61	125.2	98.6	147.8
98	62.0	50.3	75.5

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#20

Diisopropyl ether

Concen: 18.239 ug/l

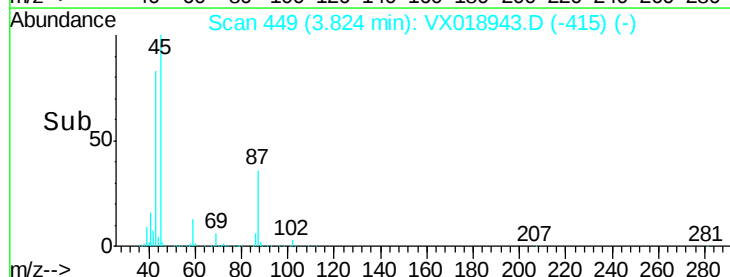
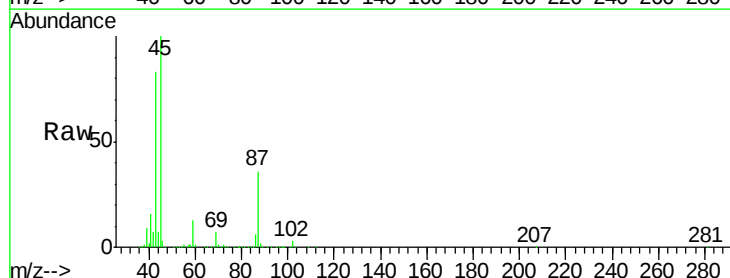
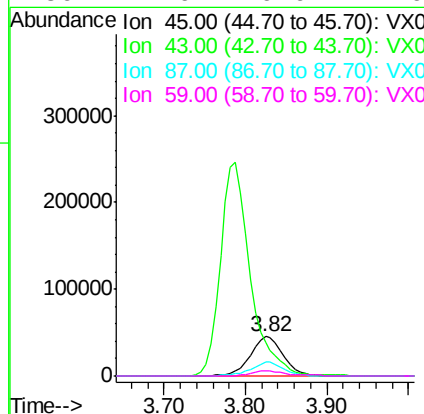
RT: 3.82 min Scan# 449

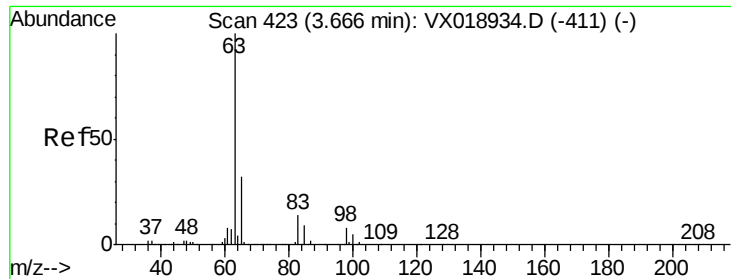
Delta R.T. 0.01 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Tgt Ion:	45	Resp:	126244
Ion	Ratio	Lower	Upper
45	100		
43	82.3	69.7	104.5
87	35.8	26.9	40.3
59	12.6	9.9	14.9





#21

1,1-Dichloroethane

Concen: 18.139 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

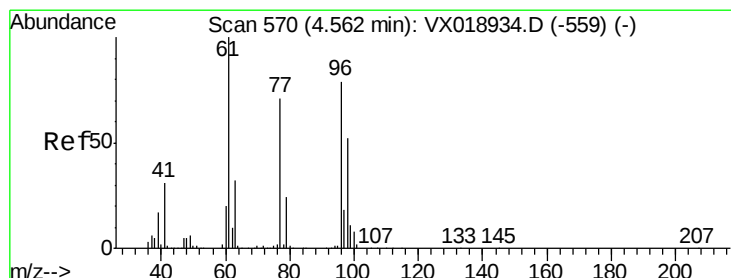
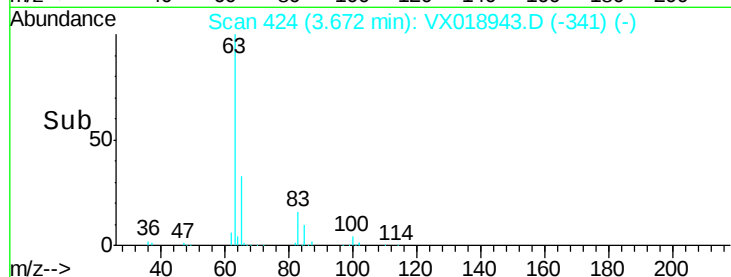
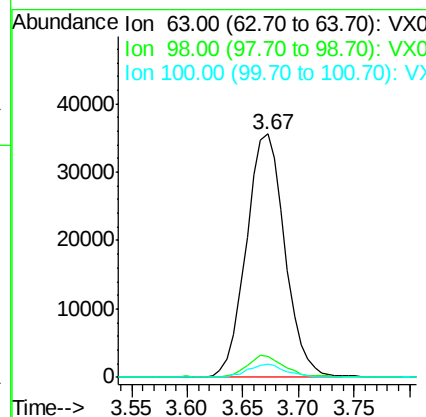
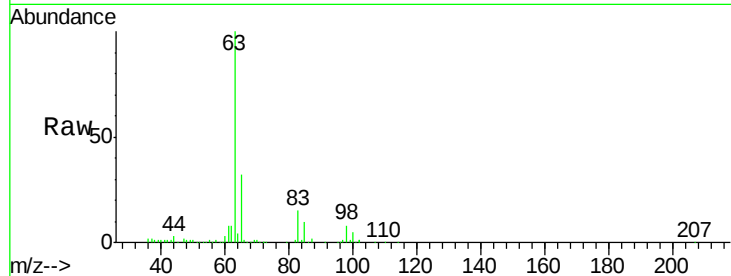
ClientSampleId :

VX1015WBSD01

Tot Ion:	63	Resp:	85818
Ion Ratio	Lower	Upper	
63	100		
98	8.2	4.0	11.9
100	5.4	2.5	7.6

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#22

cis-1,2-Dichloroethene

Concen: 18.200 ug/l

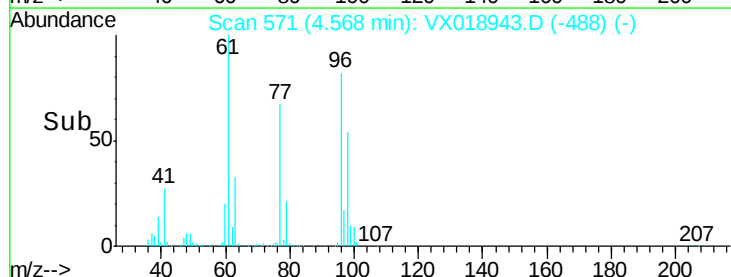
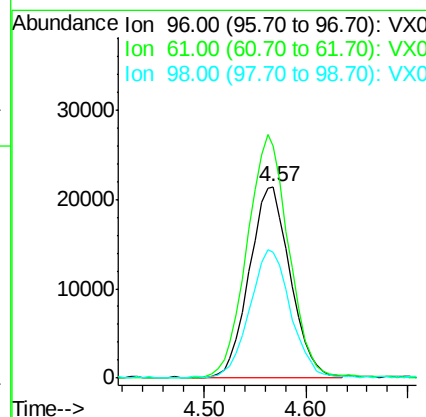
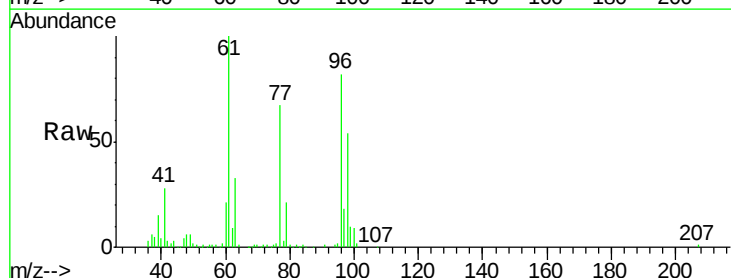
RT: 4.57 min Scan# 571

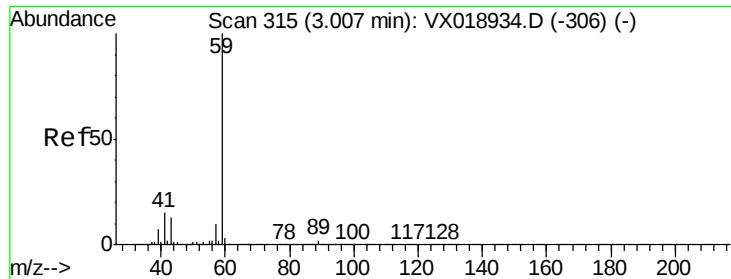
Delta R.T. 0.01 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Tgt Ion:	96	Resp:	59658
Ion Ratio	Lower	Upper	
96	100		
61	129.5	107.7	161.5
98	66.1	51.9	77.9





#23

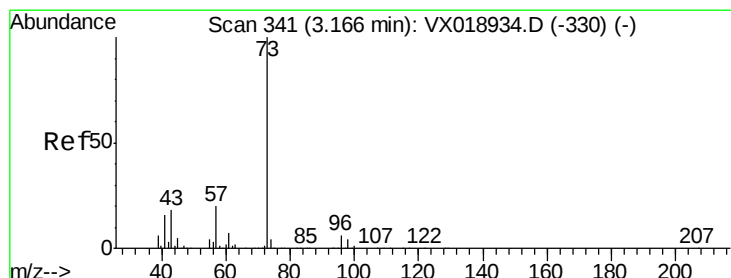
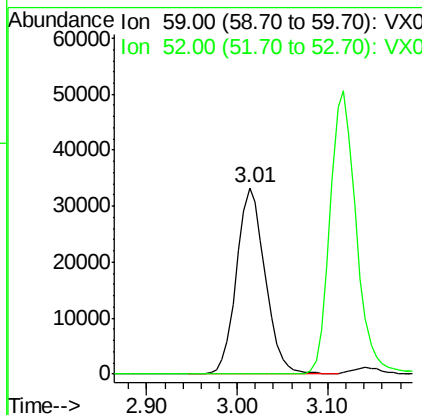
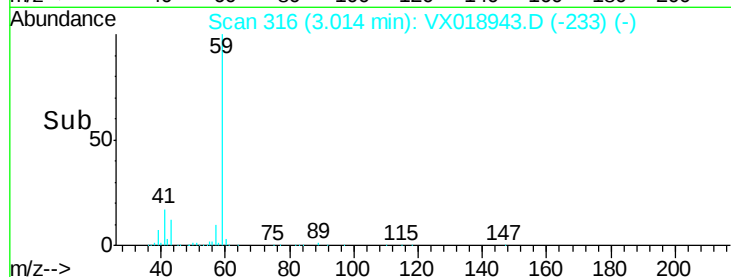
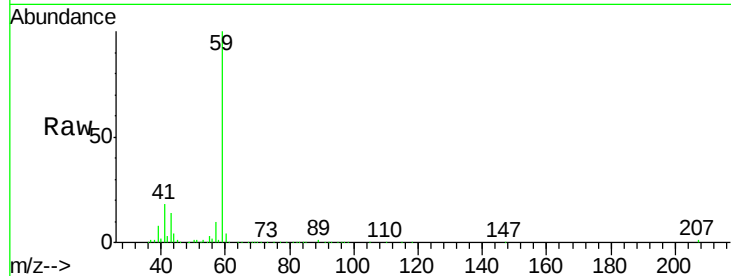
tert-Butyl Alcohol
 Concen: 100.129 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Tot Ion: 59 Resp: 73108
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.2 0.2#

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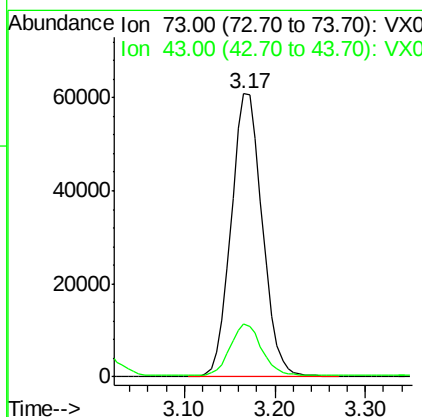
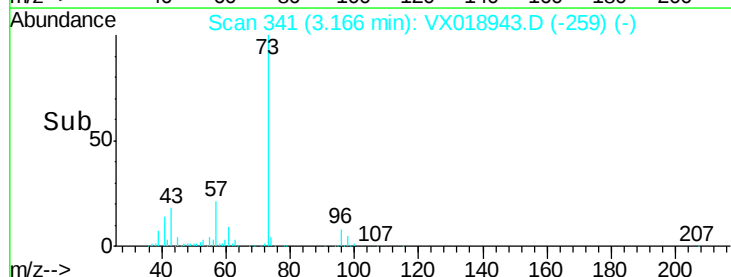
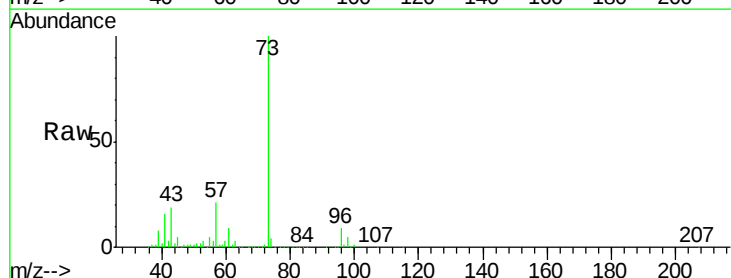
apatel
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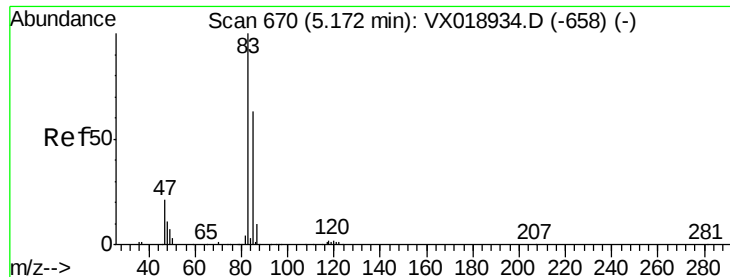


#24

Methyl tert-Butyl Ether
 Concen: 18.266 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Tgt Ion: 73 Resp: 144991
 Ion Ratio Lower Upper
 73 100
 43 18.0 13.8 20.8





#25

Chloroform

Concen: 18.564 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.01 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

Tot Ion: 83 Resp: 93227

Ion Ratio Lower Upper

83 100

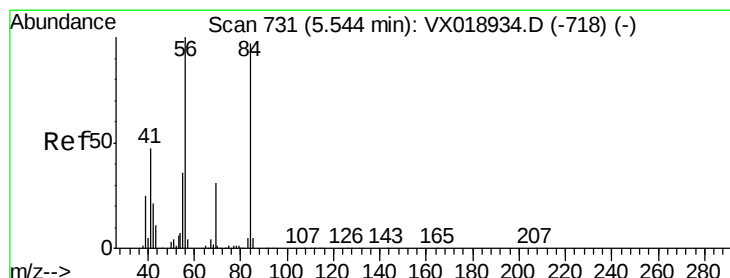
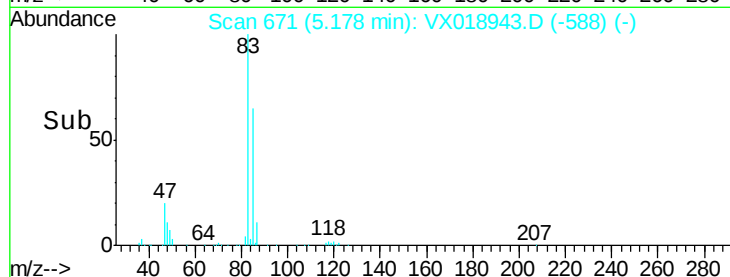
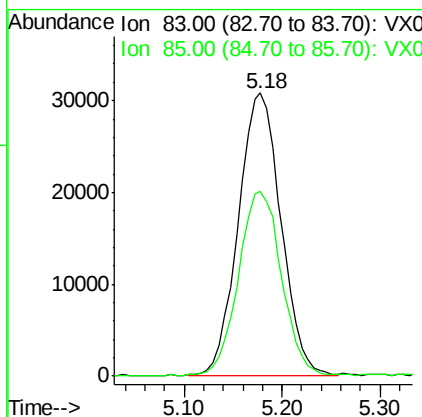
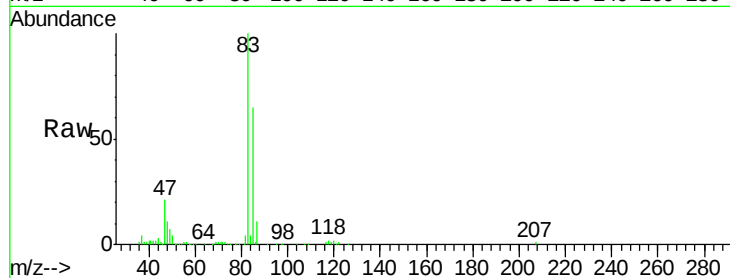
85 64.9 50.3 75.5

Manual Integrations

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#26

Cyclohexane

Concen: 17.579 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.01 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

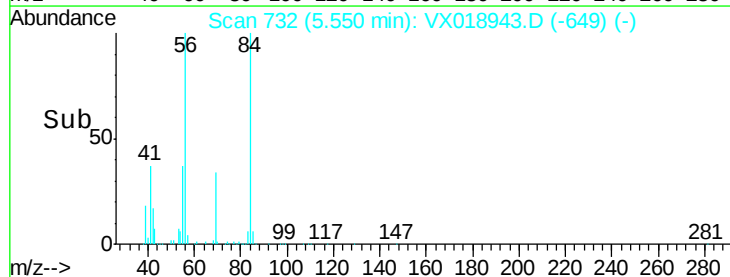
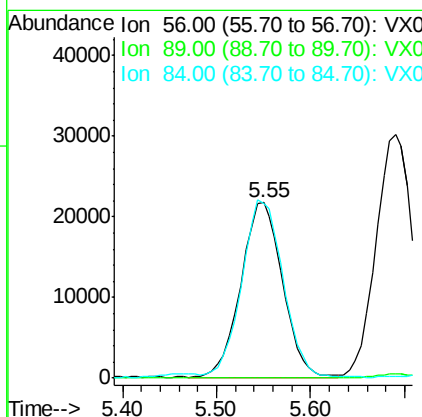
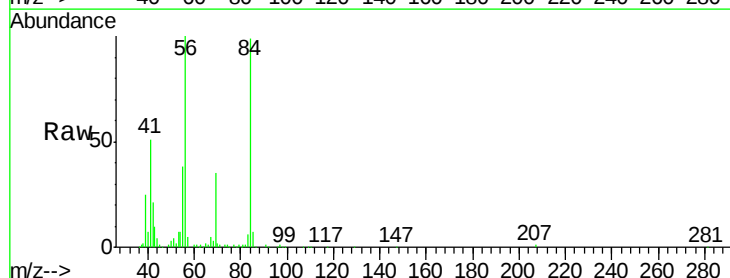
Tgt Ion: 56 Resp: 66950

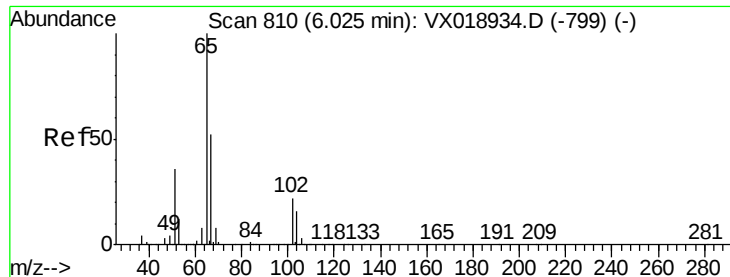
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 101.2 78.0 117.0





#27

1,2-Dichloroethane-d4

Concen: 30.159 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

Tot Ion: 65 Resp: 92379

Ion Ratio Lower Upper

65 100

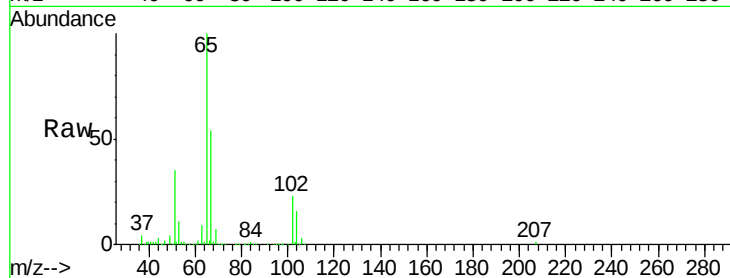
67 52.7 42.1 63.1

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.03

40000

30000

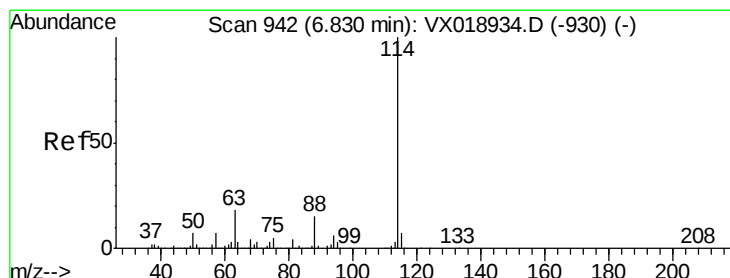
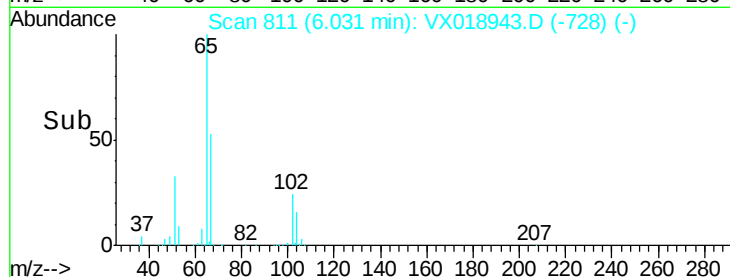
20000

10000

0

5.90 6.00 6.10

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

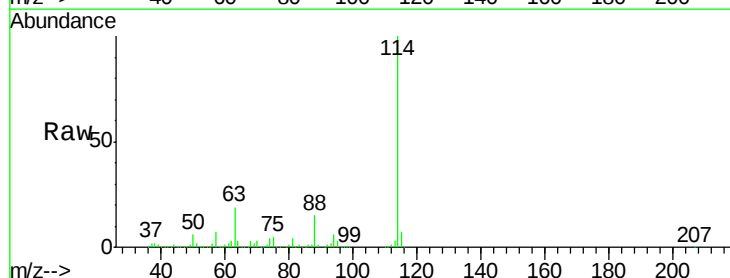
Tgt Ion: 114 Resp: 267130

Ion Ratio Lower Upper

114 100

63 18.4 14.6 21.8

88 15.7 12.3 18.5



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

150000

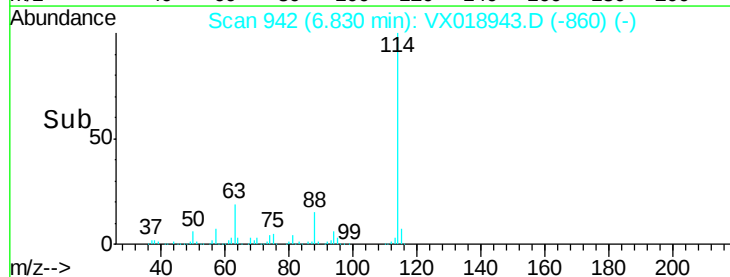
100000

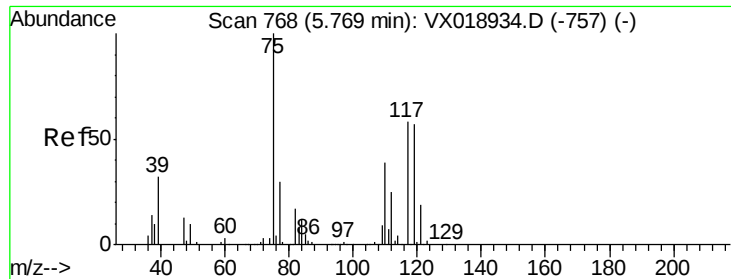
50000

0

6.70 6.80 6.90

Time-->





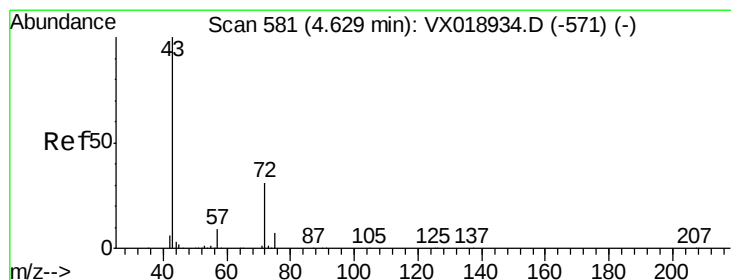
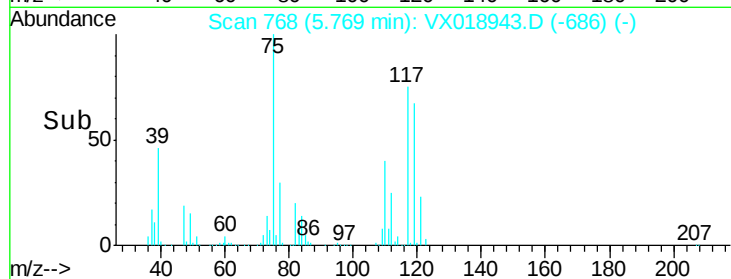
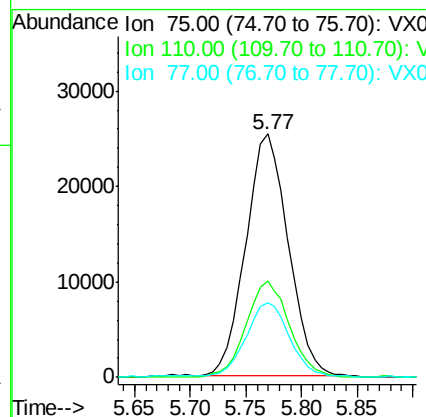
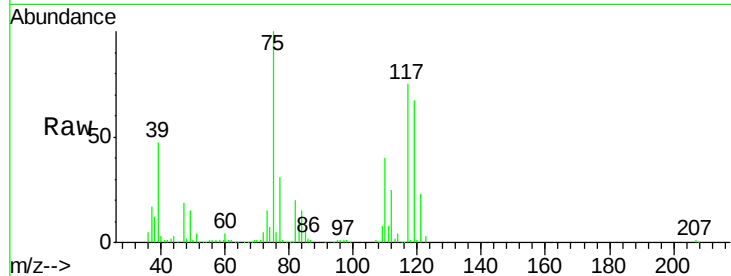
#29
 1,1-Dichloropropene
 Concen: 17.377 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
110	40.8	0.0	79.2
77	31.5	0.0	62.6

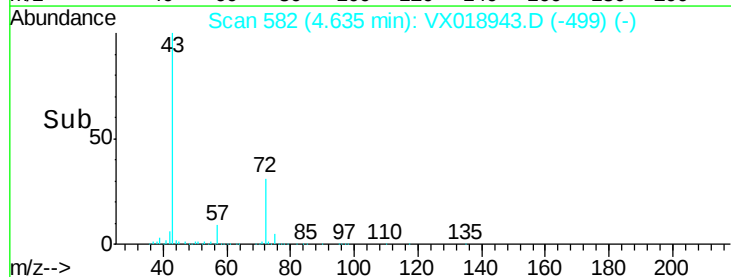
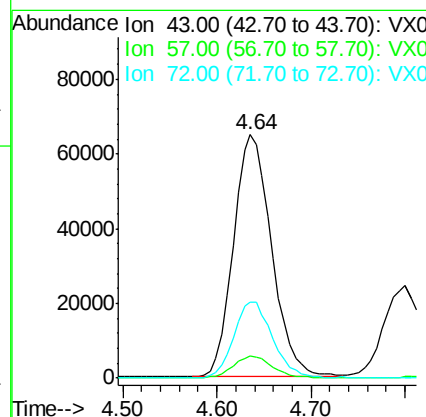
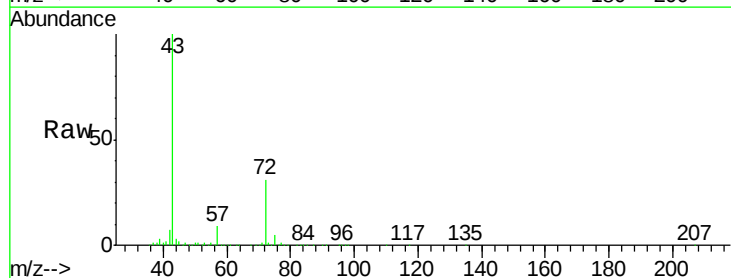
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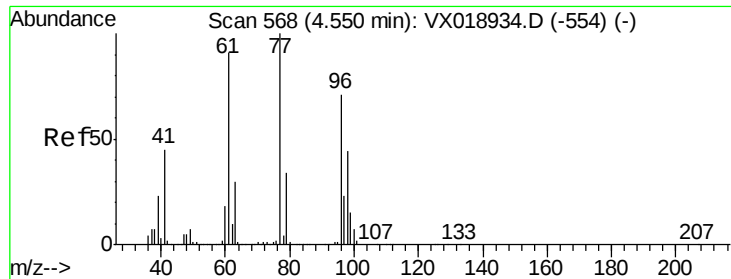
apatel
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#30
 2-Butanone
 Concen: 94.435 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.9	7.0	10.6
72	31.6	25.6	38.4





#31

2,2-Dichloropropane

Concen: 16.779 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

Tot Ion: 77 Resp: 76553

Ion Ratio Lower Upper

77 100

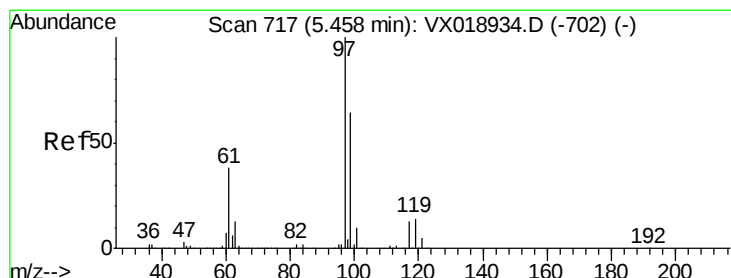
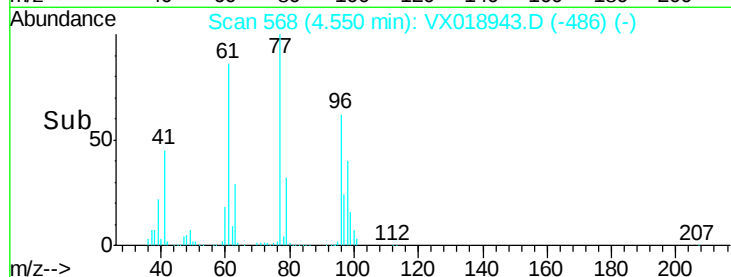
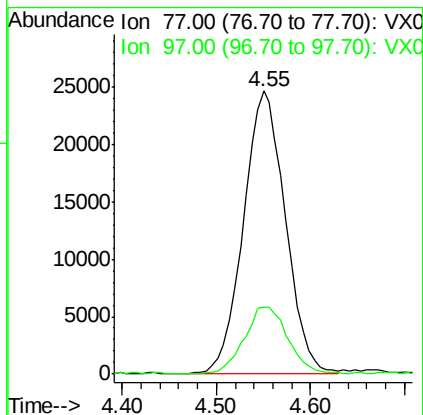
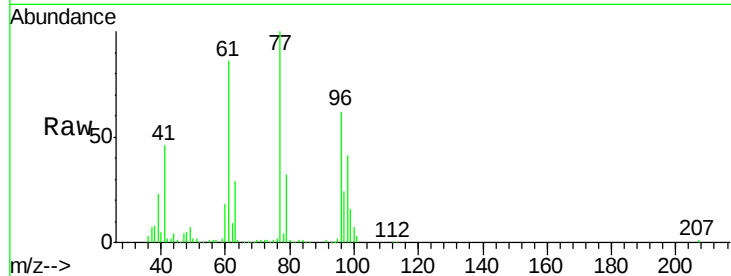
97 24.7 19.0 28.6

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#32

1,1,1-Trichloroethane

Concen: 18.186 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

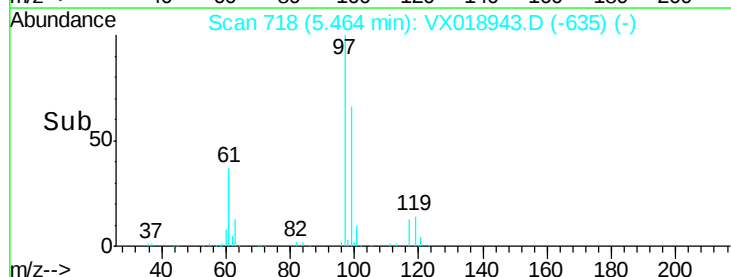
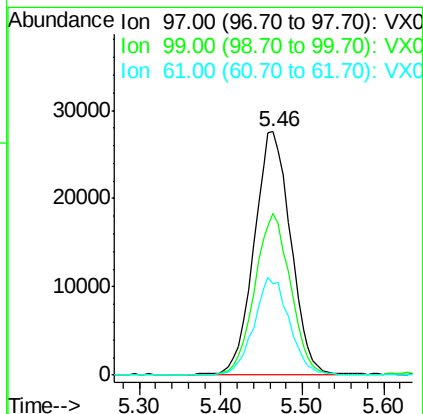
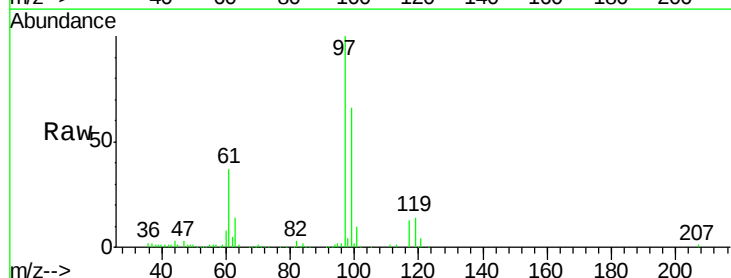
Tgt Ion: 97 Resp: 85487

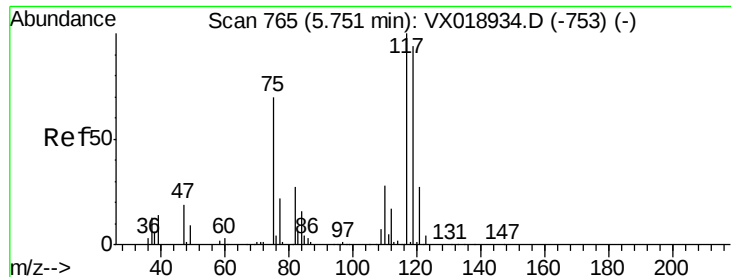
Ion Ratio Lower Upper

97 100

99 65.2 52.6 78.8

61 39.2 31.5 47.3





#33

Carbon Tetrachloride

Concen: 17.788 ug/l

RT: 5.75 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

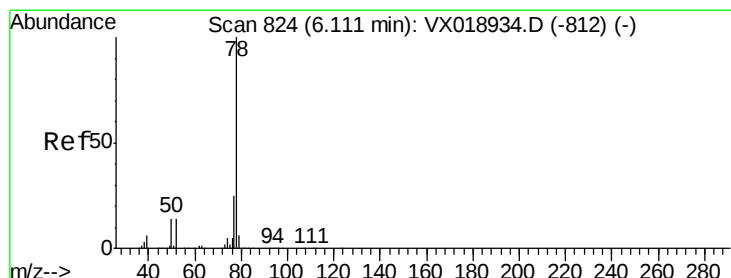
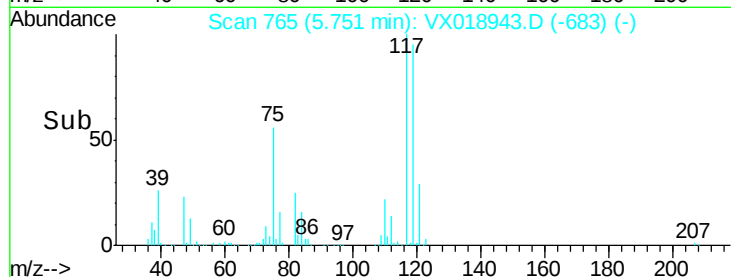
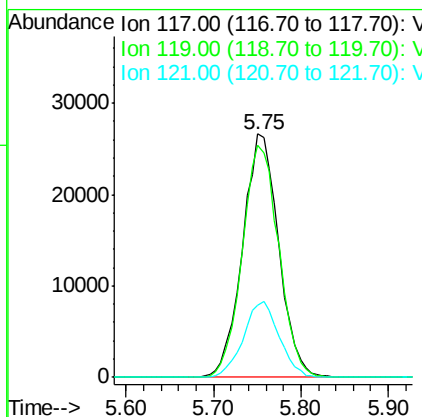
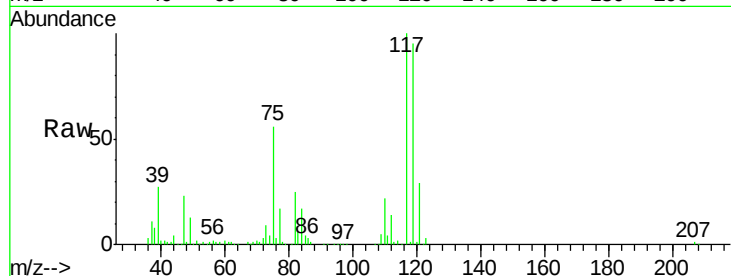
ClientSampleId :

VX1015WBSD01

Tot Ion:	117	Resp:	76632
Ion Ratio	Lower	Upper	
117	100		
119	95.3	75.0	112.4
121	29.5	21.8	32.8

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#34

Benzene

Concen: 18.296 ug/l

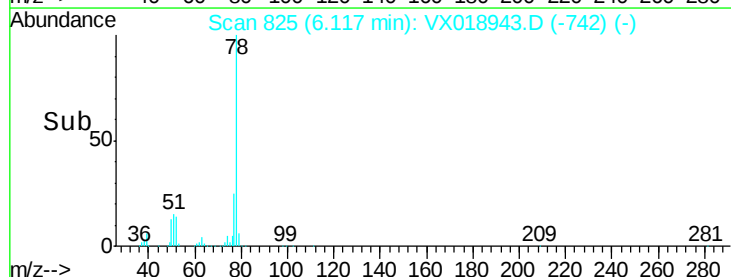
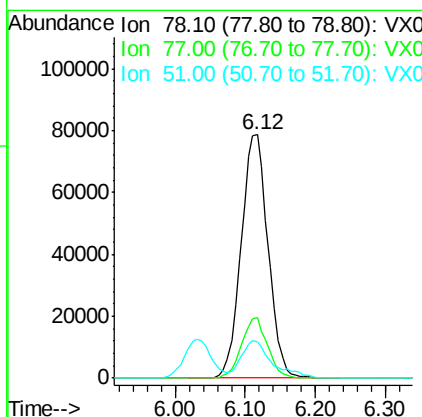
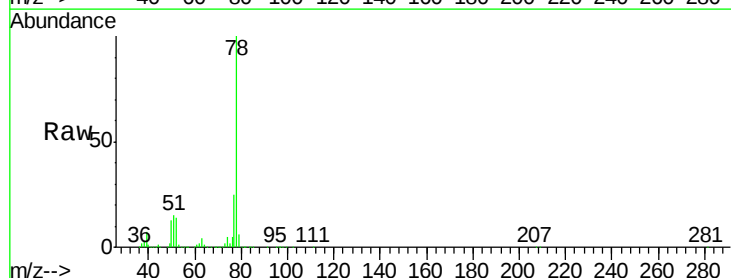
RT: 6.12 min Scan# 825

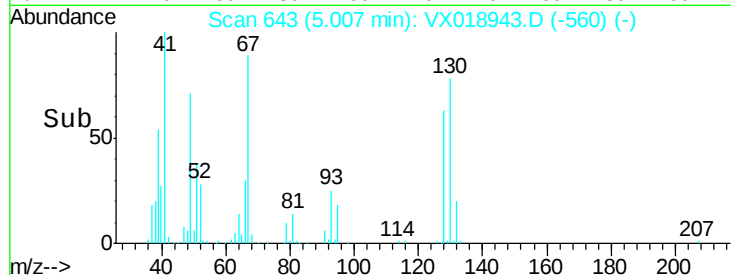
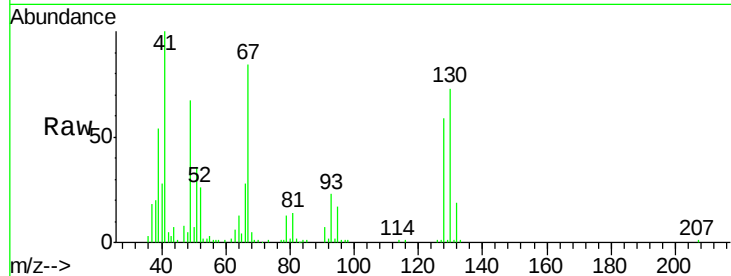
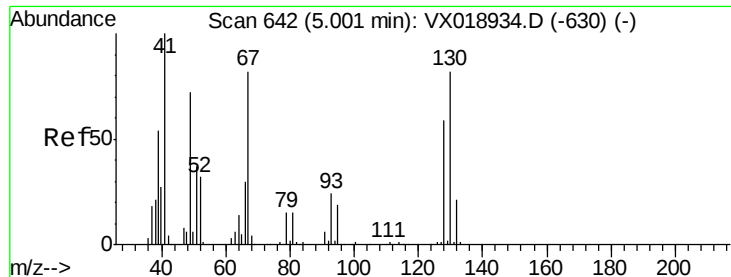
Delta R.T. 0.01 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

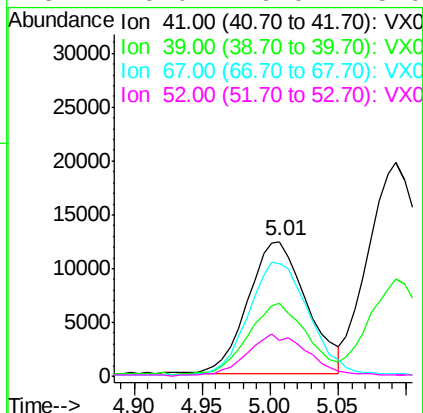
Tgt Ion:	78	Resp:	210004
Ion Ratio	Lower	Upper	
78	100		
77	24.6	19.7	29.5
51	14.5	12.0	18.0





#35
Methacrylonitrile
Concen: 18.661 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

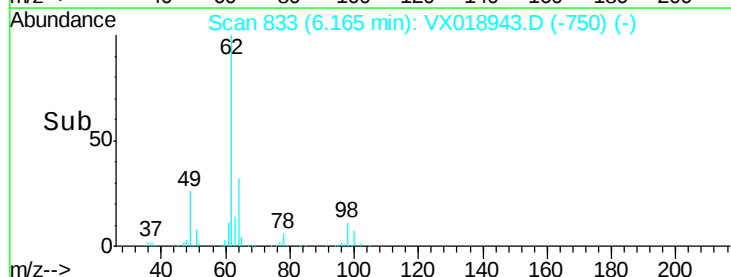
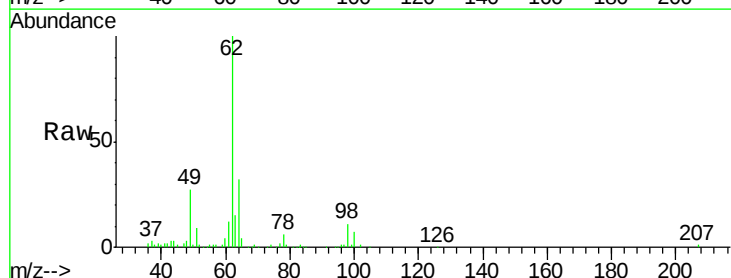
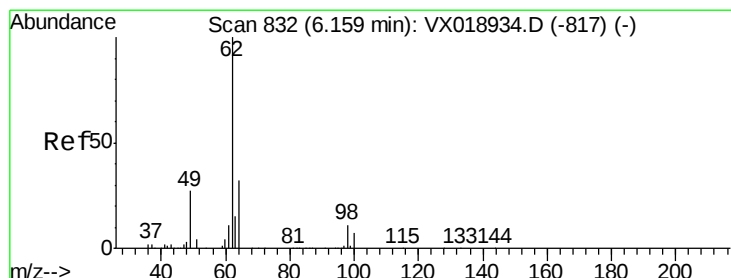
Tot Ion	Ion	Ratio	Lower	Upper
37273	41	100		
	39	54.4	27.0	81.0
	67	85.4	41.1	123.3
	52	26.0	16.0	48.0



Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

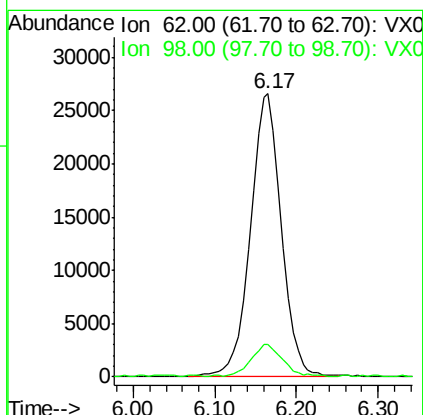
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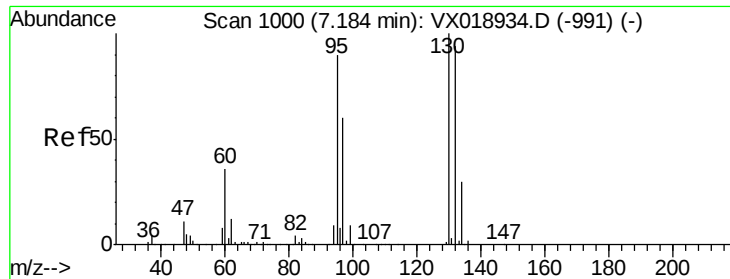
apatel
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#36
1,2-Dichloroethane
Concen: 18.609 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Tgt Ion	Ion	Ratio	Lower	Upper
70214	62	100		
	98	11.0	8.9	13.3





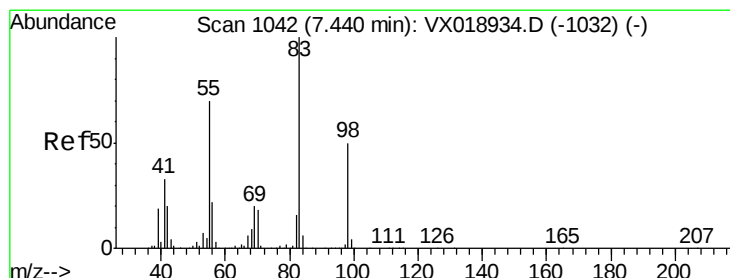
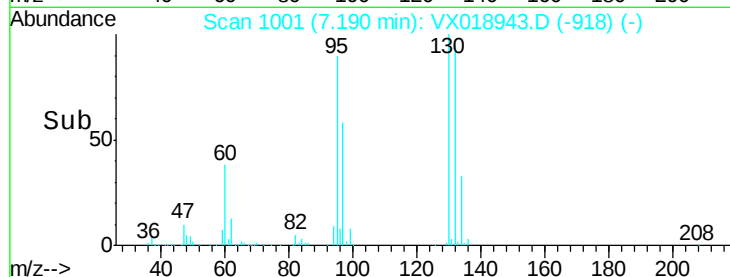
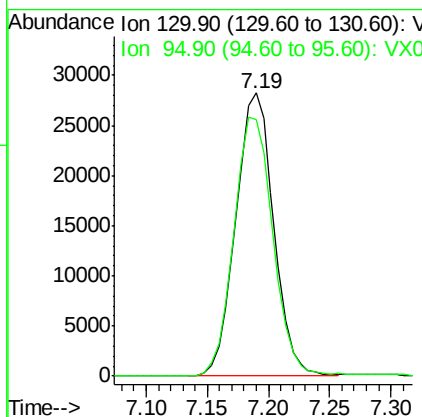
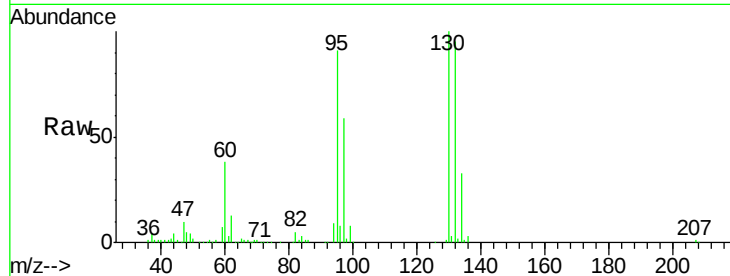
#37
 Trichloroethene
 Concen: 18.035 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Tot Ion:130 Resp: 60749
 Ion Ratio Lower Upper
 130 100
 95 90.3 71.8 107.6

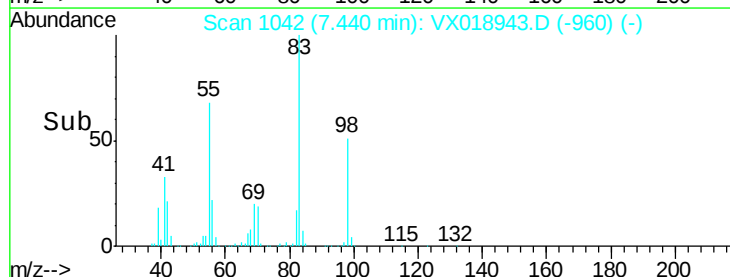
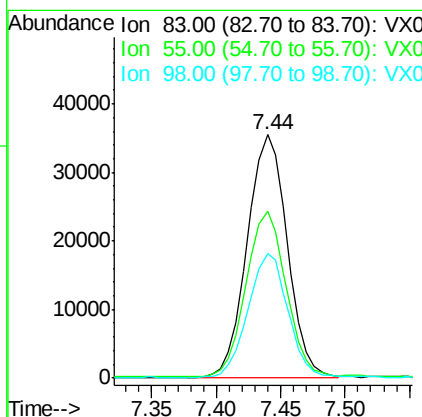
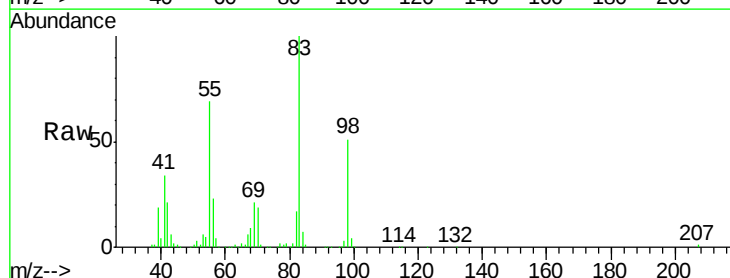
Manual Integrations
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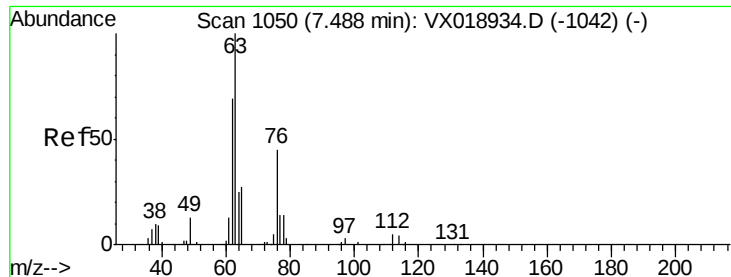
apatel
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#38
 Methylcyclohexane
 Concen: 17.247 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Tgt Ion: 83 Resp: 76156
 Ion Ratio Lower Upper
 83 100
 55 67.6 34.8 104.4
 98 50.7 25.8 77.4





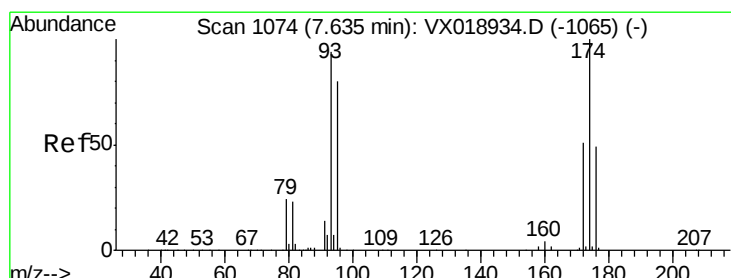
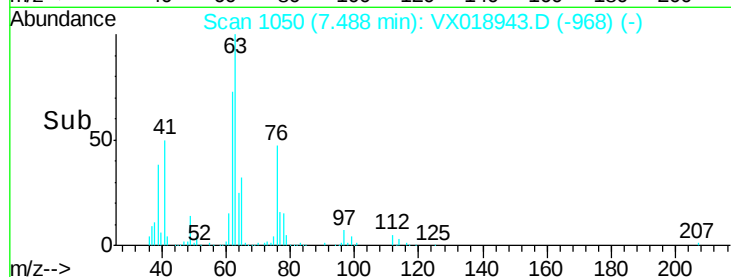
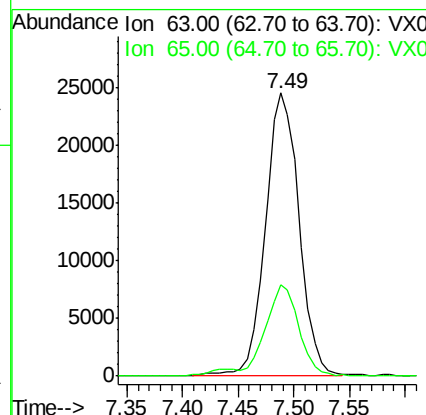
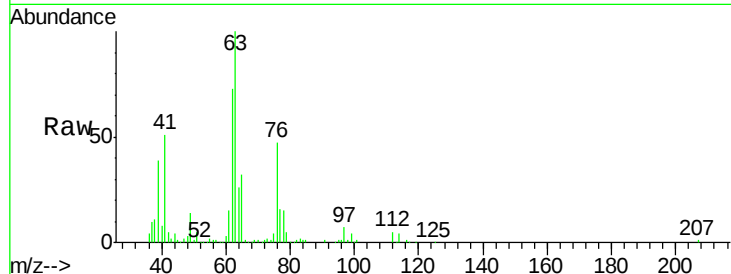
#39
 1,2-Dichloropropane
 Concen: 18.414 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Tot Ion: 63 Resp: 51695
 Ion Ratio Lower Upper
 63 100
 65 32.0 23.0 34.6

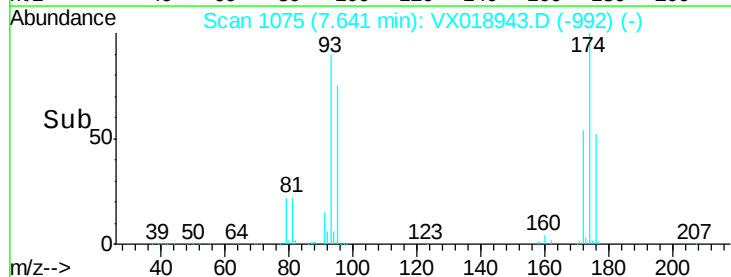
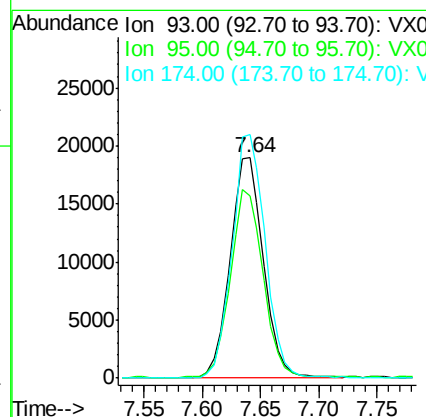
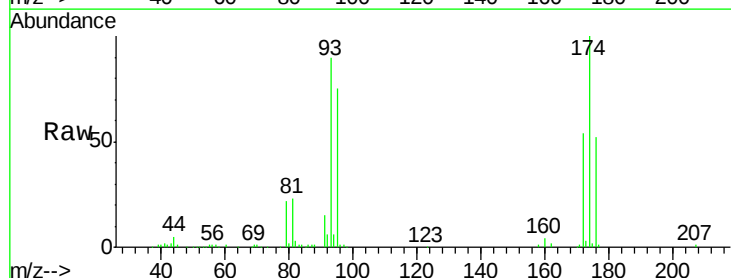
Manual Integrations
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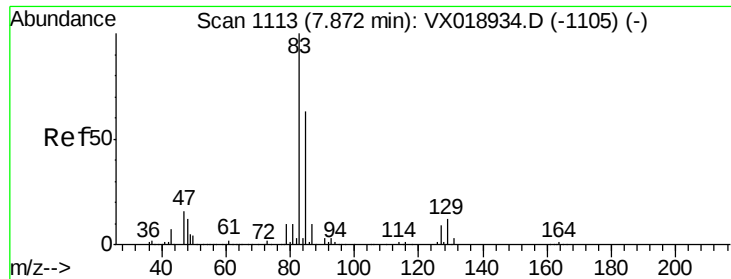
apatel
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#40
 Dibromomethane
 Concen: 18.330 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.01 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Tgt Ion: 93 Resp: 37798
 Ion Ratio Lower Upper
 93 100
 95 84.4 0.0 164.0
 174 109.7 0.0 214.6





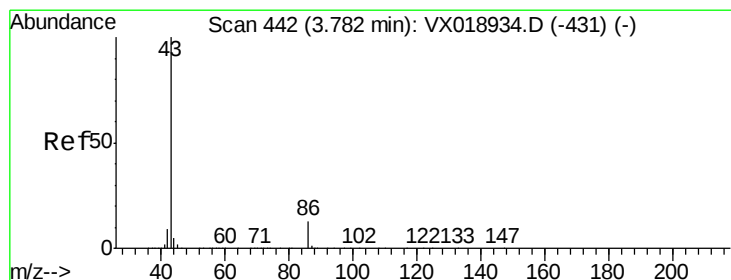
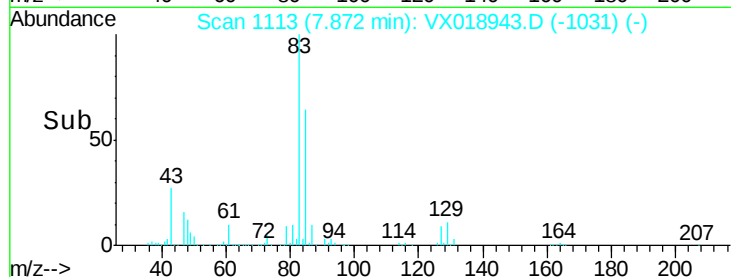
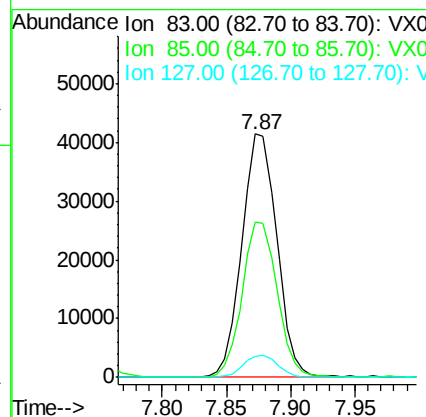
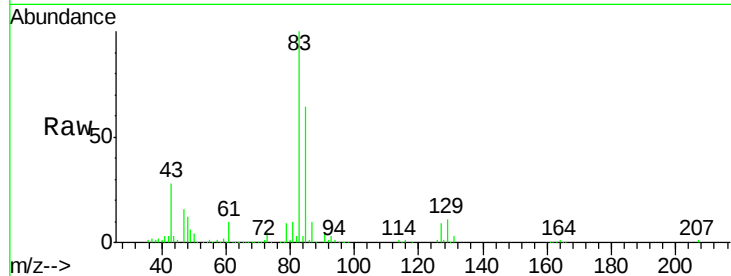
#41
Bromodichloromethane
Concen: 18.512 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tot Ion	83	Resp	77705
Ion Ratio	100	Lower	Upper
85	63.5	50.4	75.6
127	8.8	7.5	11.3

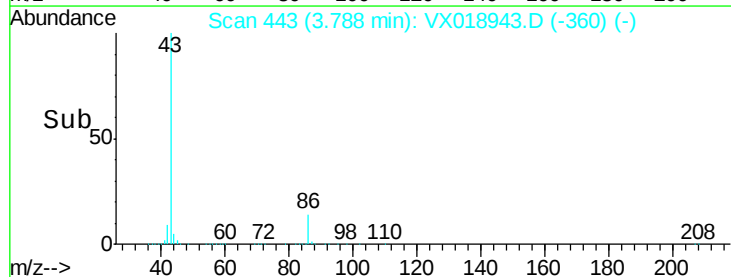
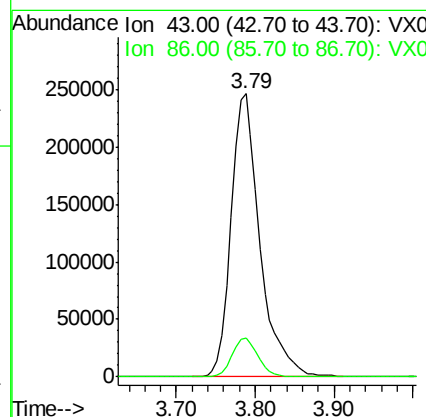
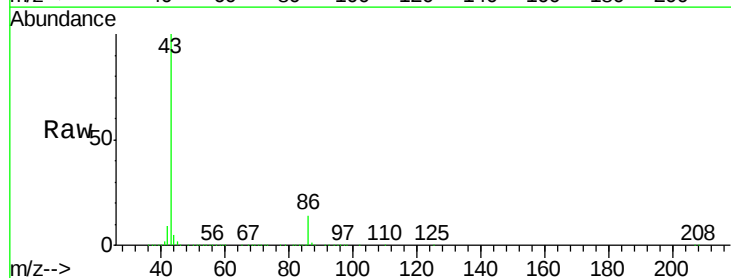
Manual Integrations
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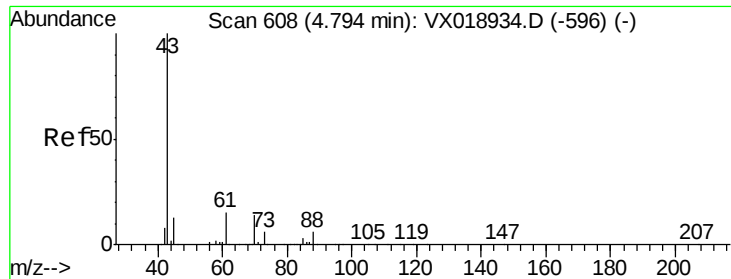
apatel
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#42
Vinyl Acetate
Concen: 90.181 ug/l
RT: 3.79 min Scan# 443
Delta R.T. 0.01 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Tgt Ion	43	Resp	623425
Ion Ratio	100	Lower	Upper
86	12.6	9.8	14.8





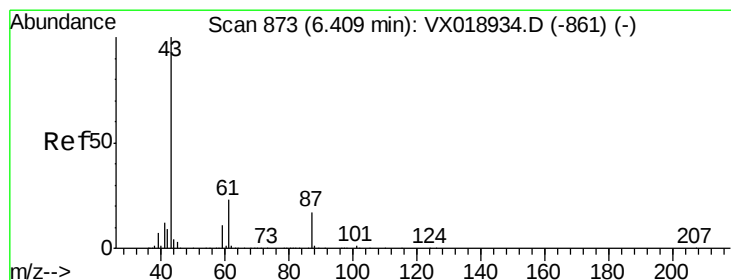
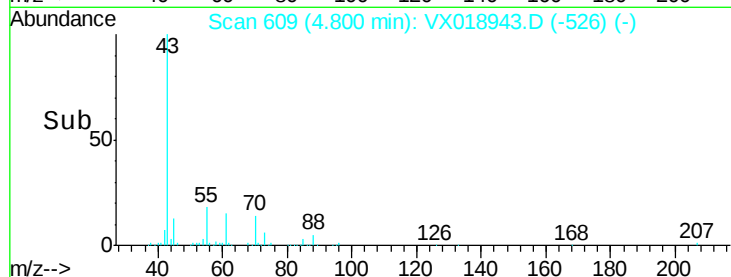
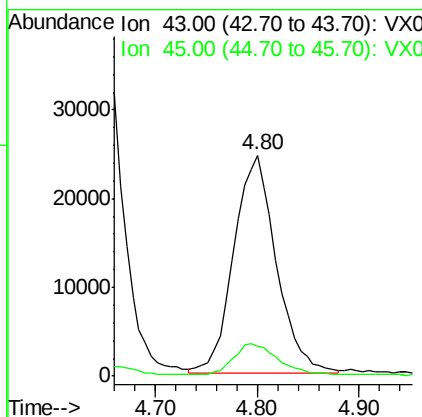
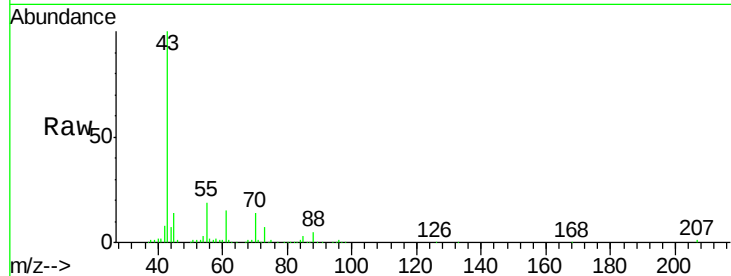
#43
Ethyl Acetate
Concen: 17.750 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tot Ion: 43 Resp: 70903
Ion Ratio Lower Upper
43 100
45 15.6 11.5 17.3

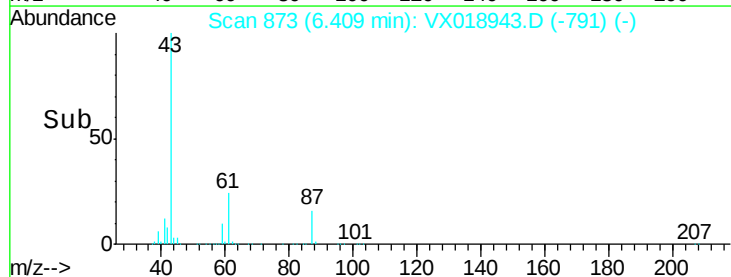
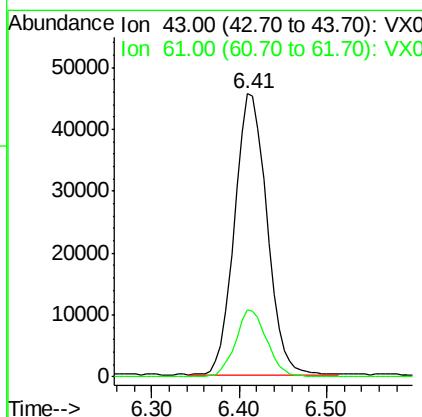
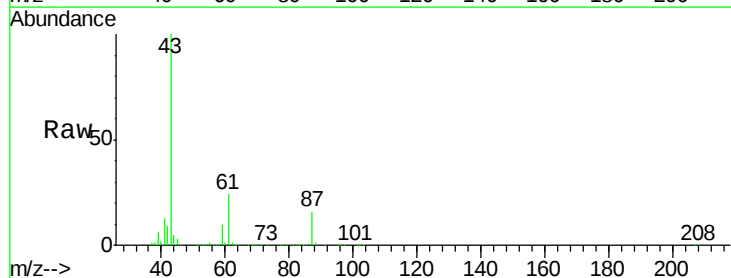
Manual Integrations
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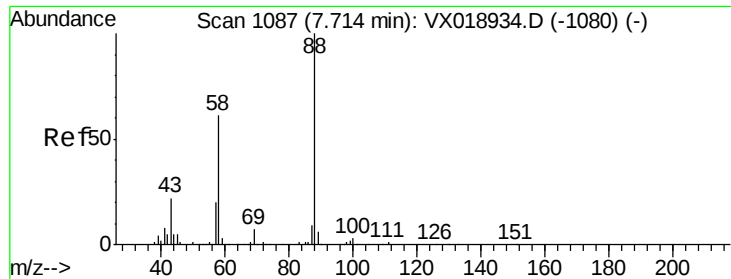
apatel
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#44
Isopropyl Acetate
Concen: 18.249 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.00 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Tgt Ion: 43 Resp: 117057
Ion Ratio Lower Upper
43 100
61 23.1 0.0 0.0#





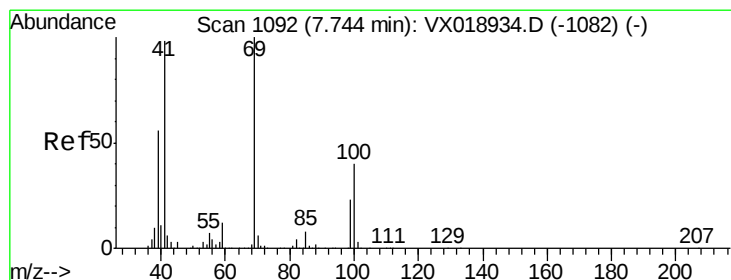
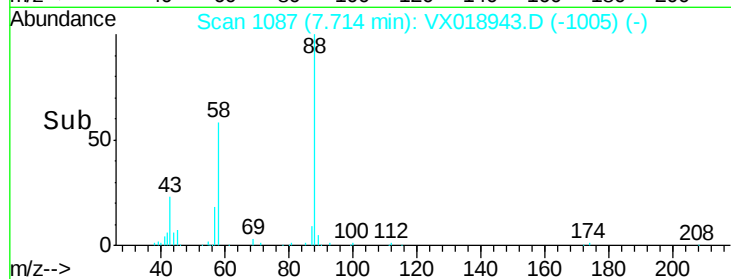
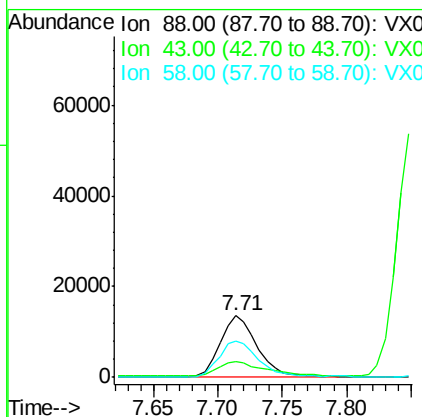
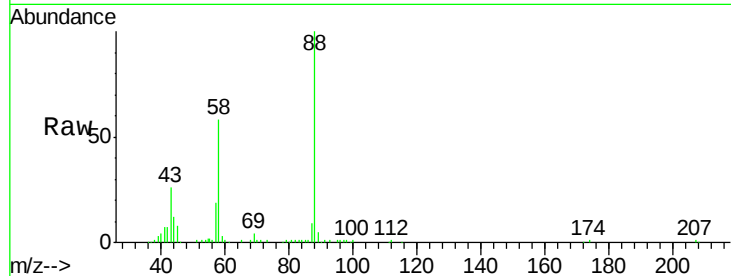
#45
 1,4-Dioxane
 Concen: 398.749 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.9	22.1	33.1
58	63.1	52.1	78.1

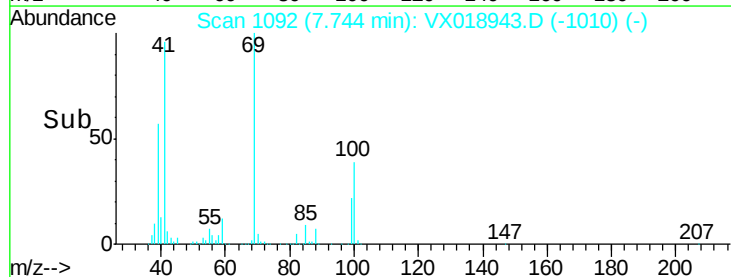
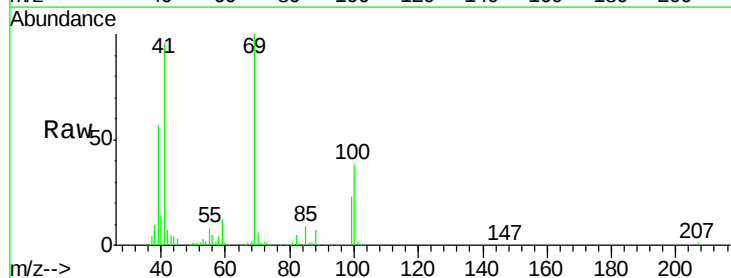
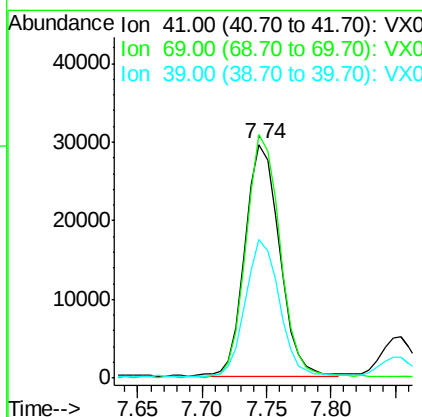
Manual Integrations
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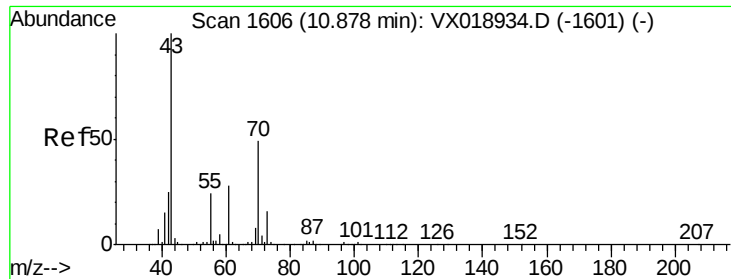
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#46
 Methyl methacrylate
 Concen: 18.301 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Tgt Ion	Ratio	Lower	Upper
41	100		
69	104.4	50.8	152.5
39	59.0	28.5	85.6





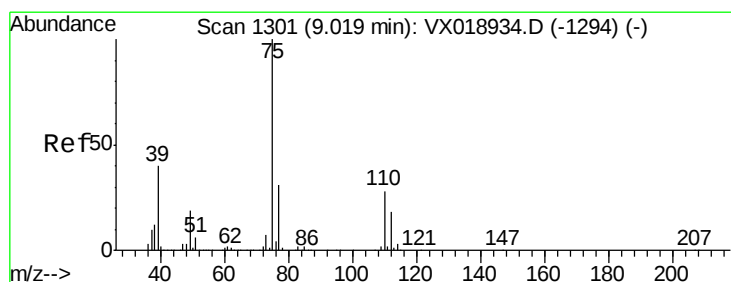
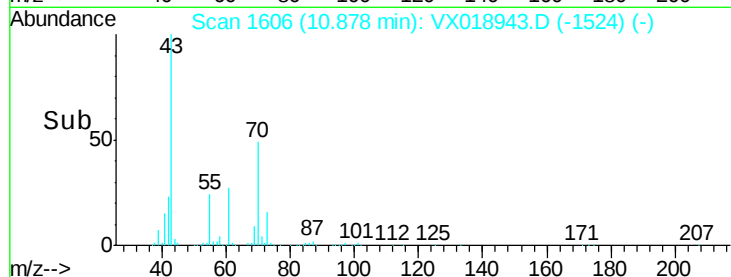
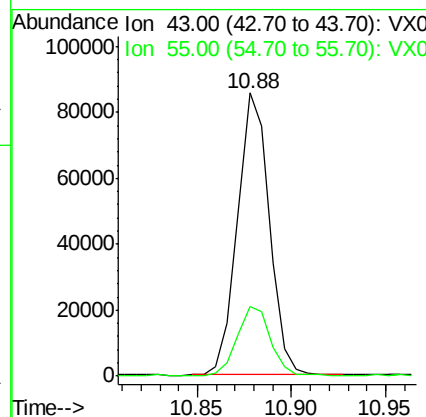
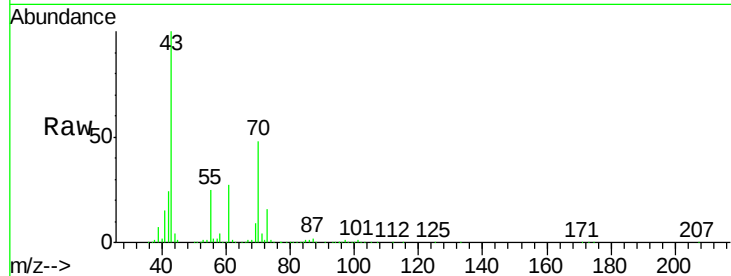
#47
n-amvl Acetate
Concen: 18.795 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tot Ion	43	Resp	100698
Ion Ratio	43	100	
Lower	55	25.2	19.9
Upper			29.9

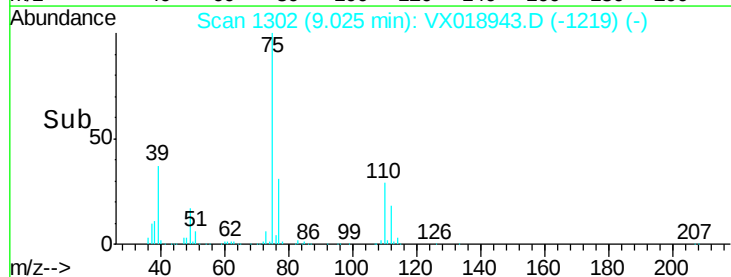
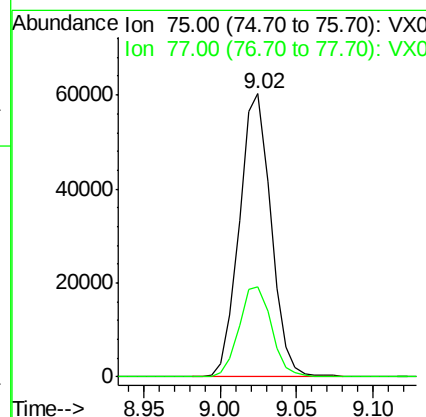
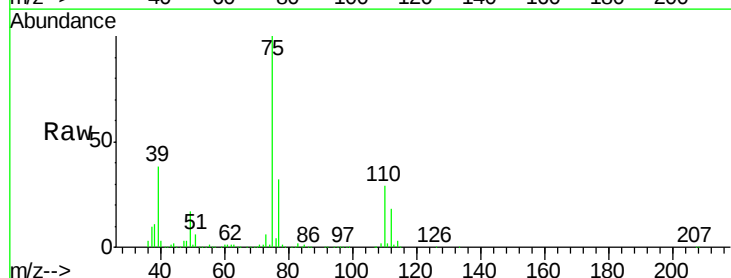
Manual Integrations
APPROVED

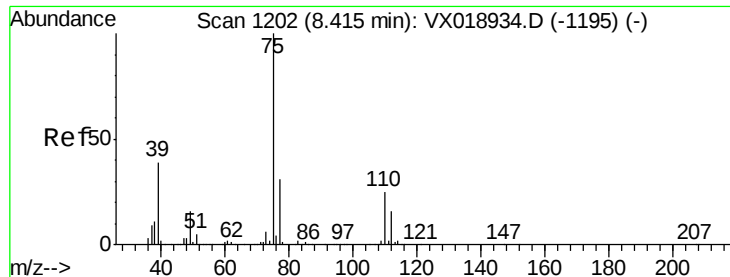
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#48
t-1,3-Dichloropropene
Concen: 18.139 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.01 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Tgt Ion	75	Resp	86941
Ion Ratio	75	100	
Lower	77	31.5	24.6
Upper			36.8





#49

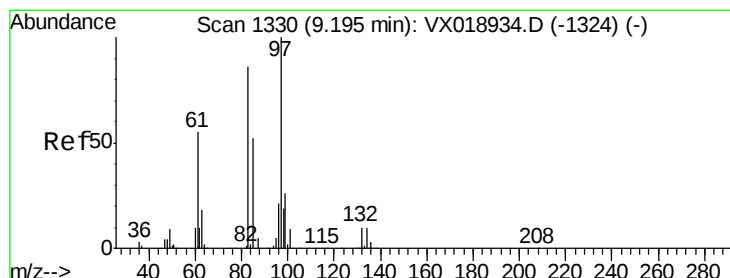
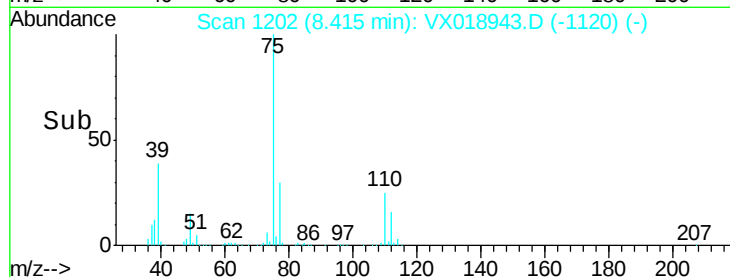
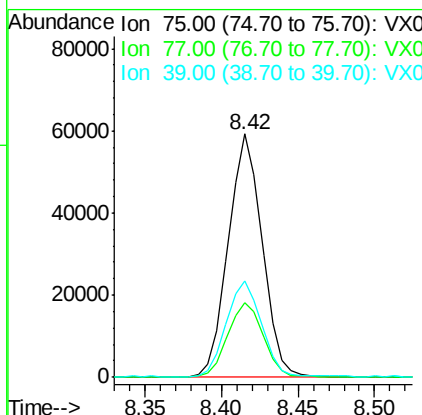
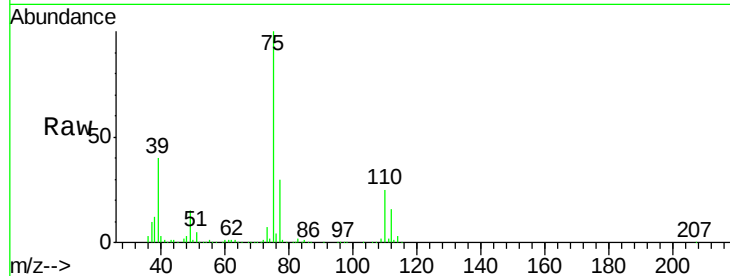
cis-1,3-Dichloropropene
 Concen: 17.954 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.1	37.7
39	39.5	31.5	47.3

Manual Integrations
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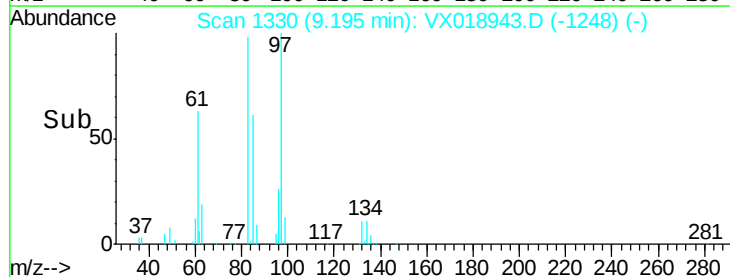
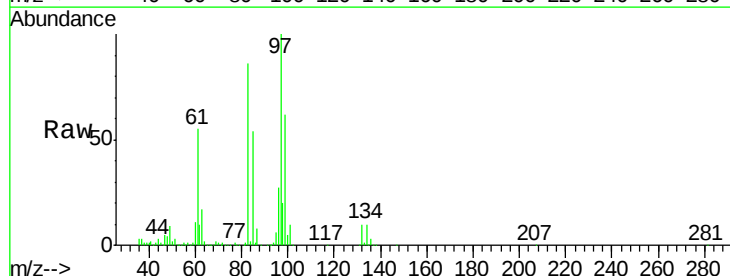
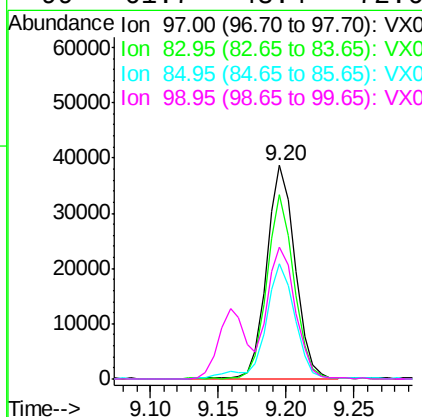
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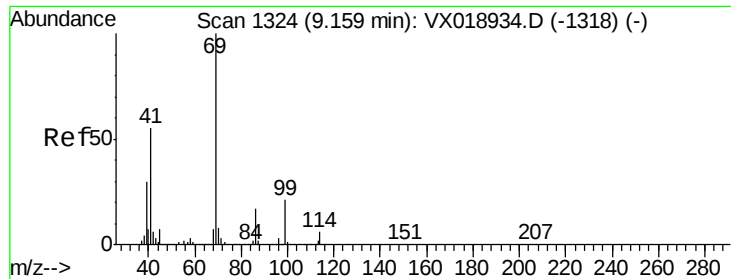


#50

1,1,2-Trichloroethane
 Concen: 19.047 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.2	68.0	102.0
85	53.5	43.8	65.8
99	61.7	48.4	72.6





#51

Ethyl methacrylate

Concen: 18.698 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

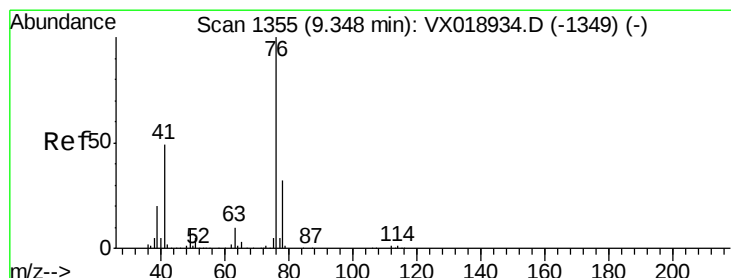
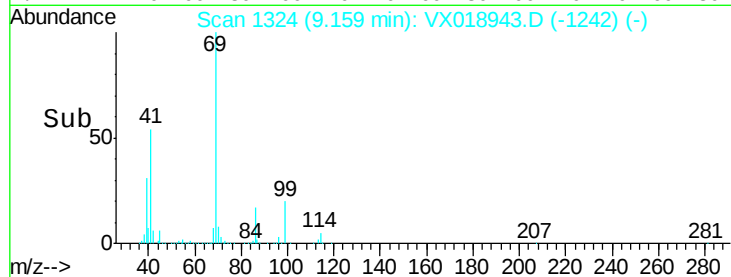
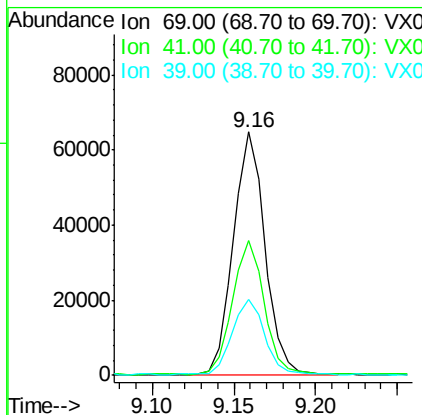
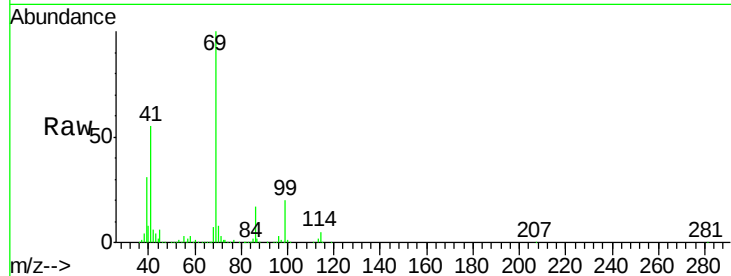
ClientSampleId :

VX1015WBSD01

Tot Ion:	69	Resp:	87080
Ion	Ratio	Lower	Upper
69	100		
41	55.2	27.6	82.8
39	31.0	15.0	45.0

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.914 ug/l

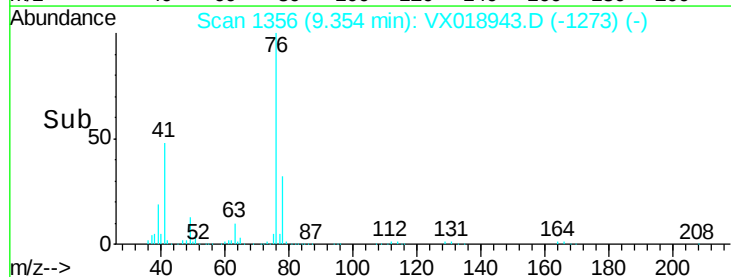
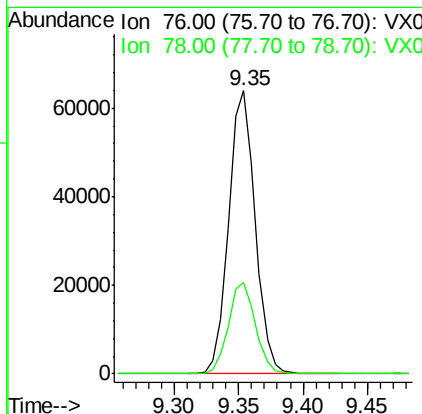
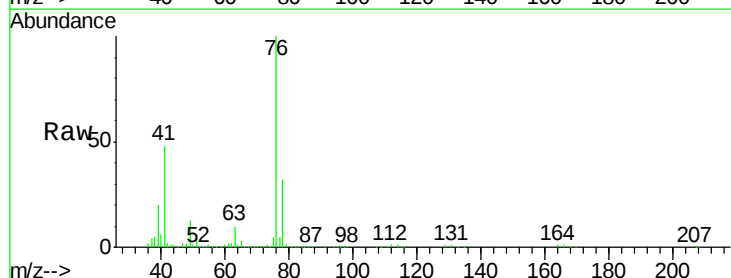
RT: 9.35 min Scan# 1356

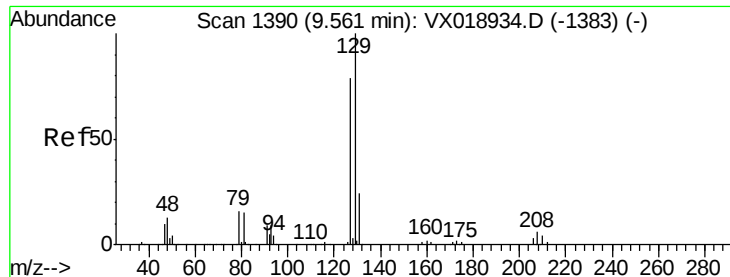
Delta R.T. 0.01 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Tgt Ion:	76	Resp:	92351
Ion	Ratio	Lower	Upper
76	100		
78	32.9	0.0	65.2





#53

Dibromochloromethane

Concen: 19.168 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

Tot Ion:129 Resp: 67464

Ion Ratio Lower Upper

129 100

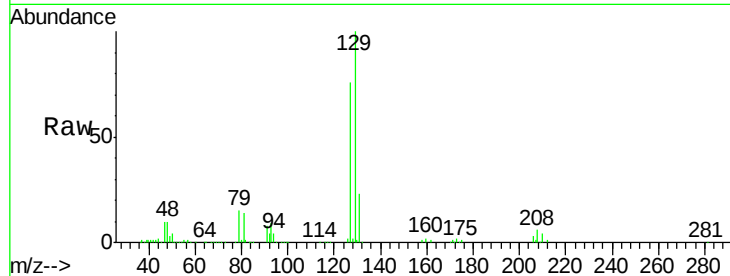
127 77.8 38.7 116.1

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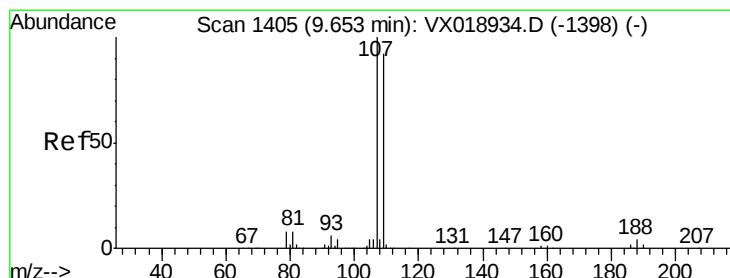
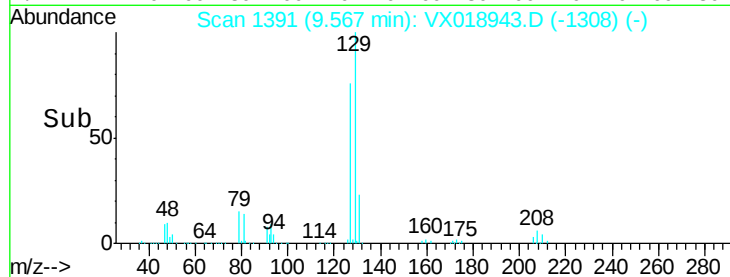
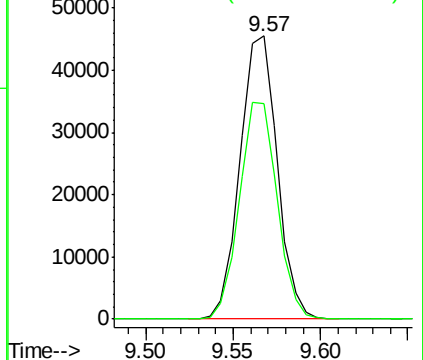
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.918 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018943.D

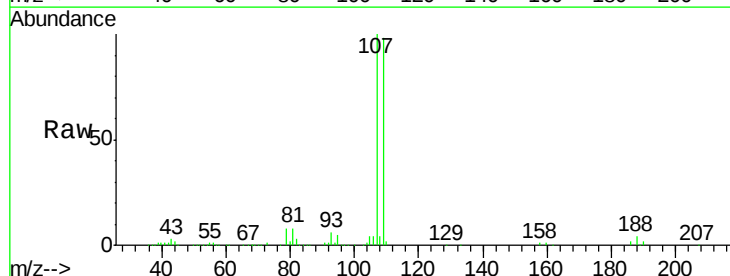
Acq: 15 Oct 2020 19:29

Tgt Ion:107 Resp: 61534

Ion Ratio Lower Upper

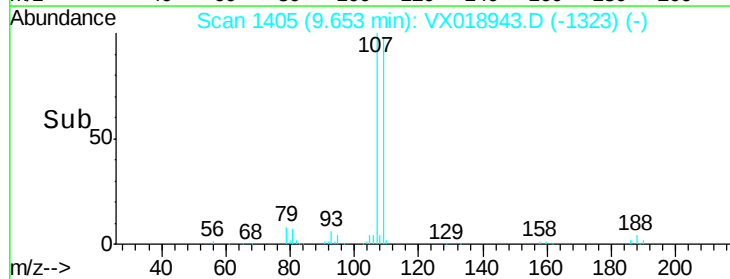
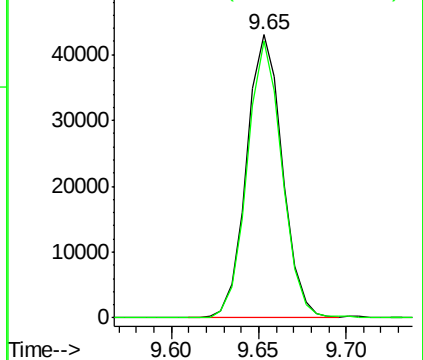
107 100

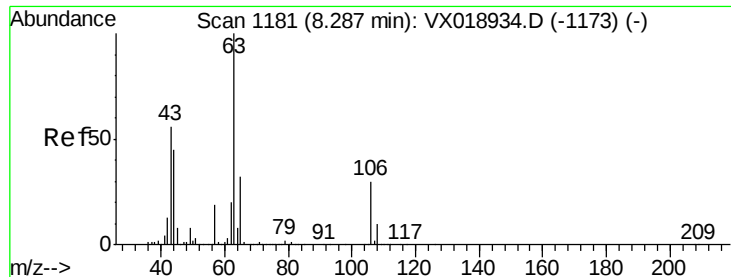
109 95.5 75.1 112.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 93.469 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

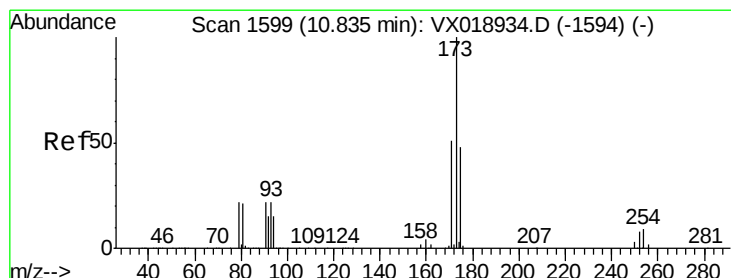
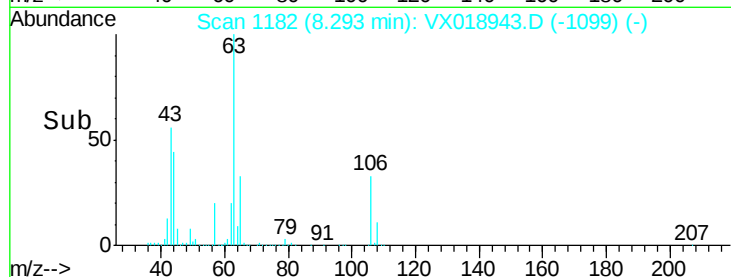
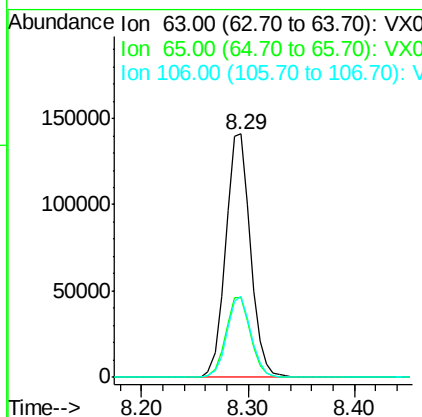
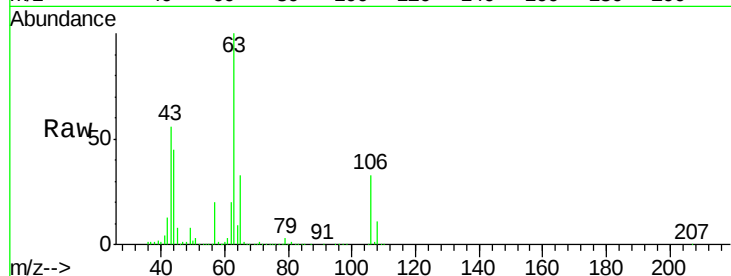
ClientSampleId :

VX1015WBSD01

Tot Ion:	63	Resp:	229631
Ion Ratio	Lower	Upper	
63	100		
65	32.8	25.8	38.6
106	32.5	25.3	37.9

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#56

Bromoform

Concen: 18.893 ug/l

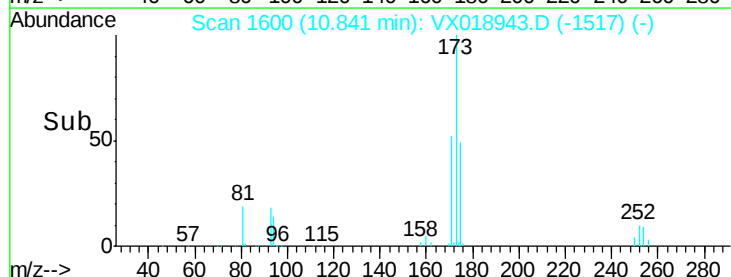
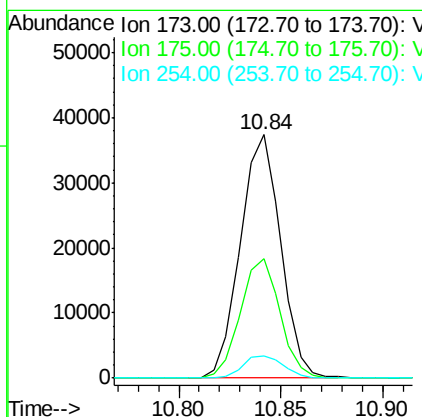
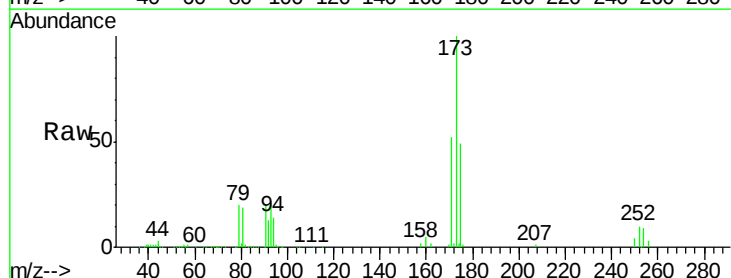
RT: 10.84 min Scan# 1600

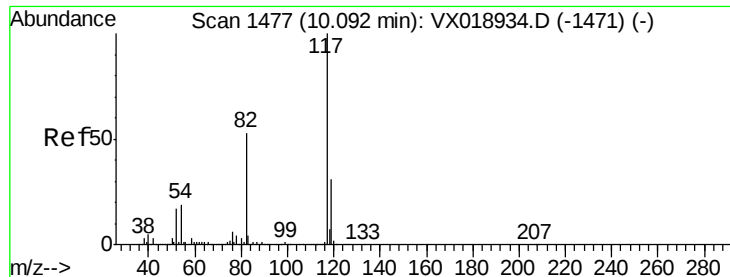
Delta R.T. 0.01 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Tgt Ion:	173	Resp:	51332
Ion Ratio	Lower	Upper	
173	100		
175	48.5	39.2	58.8
254	9.5	7.5	11.3





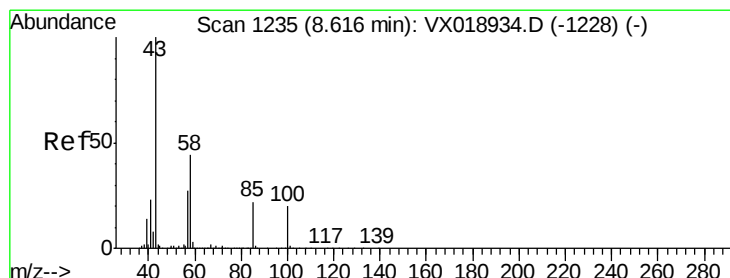
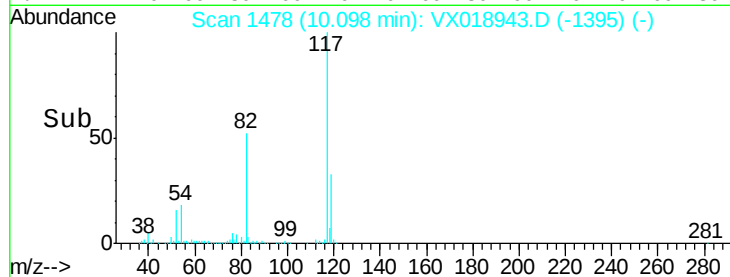
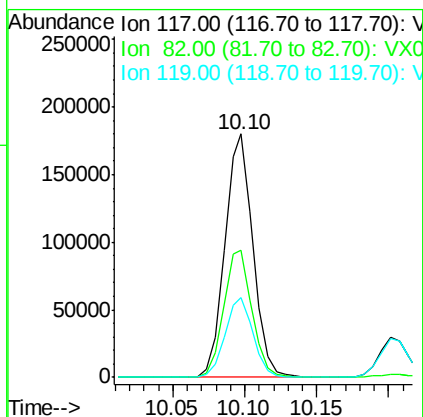
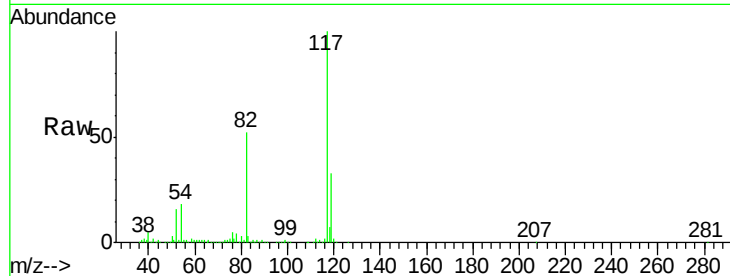
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	245646		
82	53.1	41.6	62.4	
119	32.6	25.7	38.5	

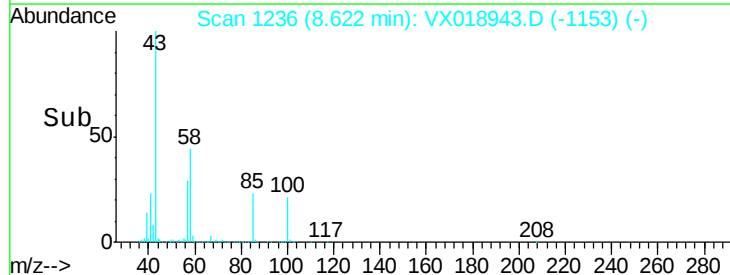
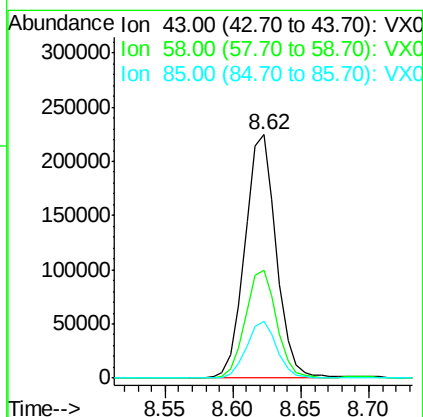
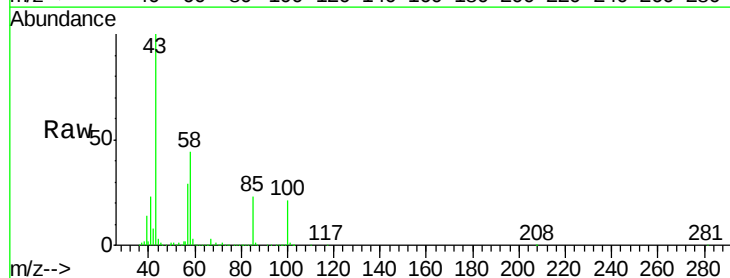
Manual Integrations
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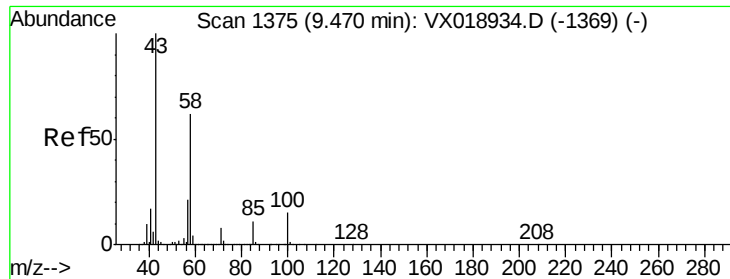
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#58
4-Methyl-2-Pentanone
Concen: 91.718 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	359526		
58	44.5	35.4	53.2	
85	22.9	18.0	27.0	





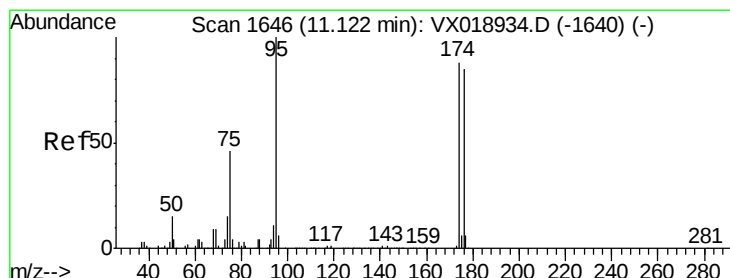
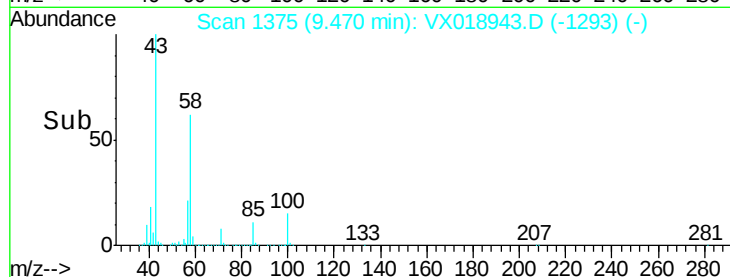
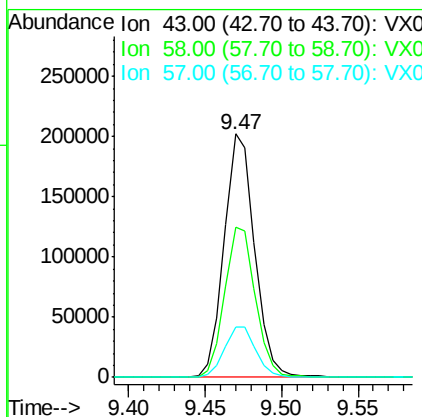
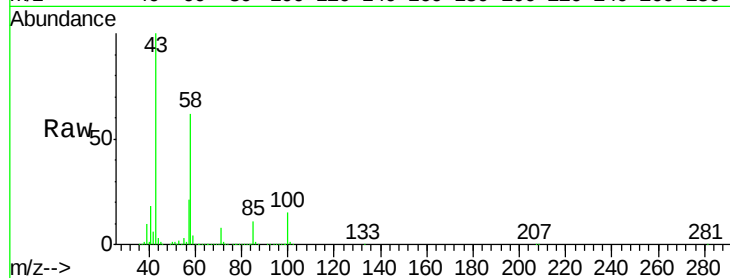
#59
2-Hexanone
Concen: 92.527 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	62.9	49.7	74.5
57	21.4	16.9	25.3

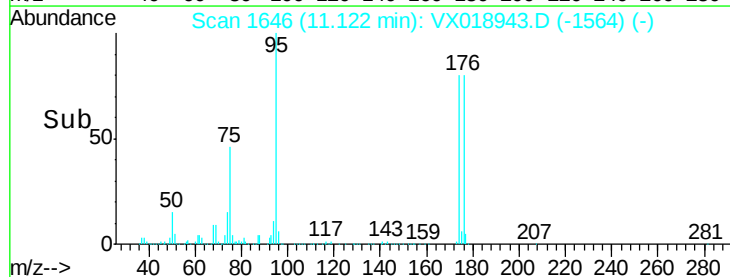
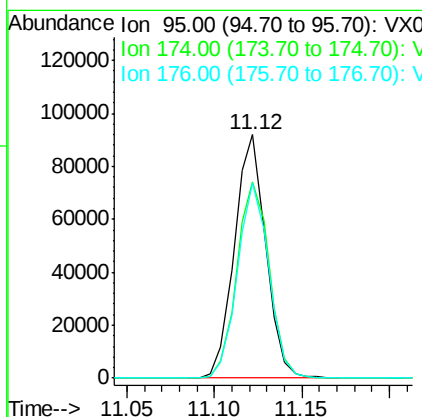
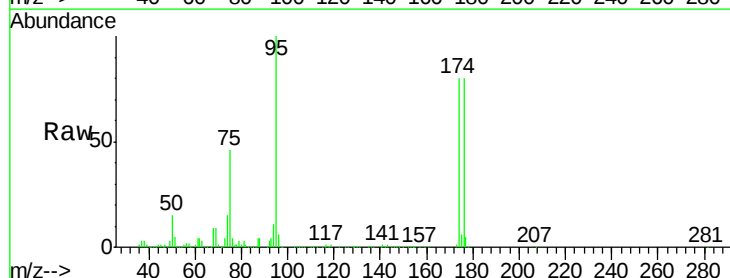
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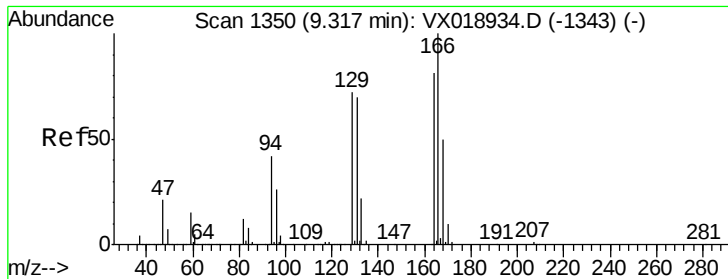
apatel
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#60
4-Bromofluorobenzene
Concen: 29.858 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.8	67.0	100.4
176	80.5	64.5	96.7





#61

Tetrachloroethene

Concen: 17.452 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

Tot Ion:164 Resp: 52715

Ion Ratio Lower Upper

164 100

166 127.1 99.4 149.0

129 89.7 71.8 107.6

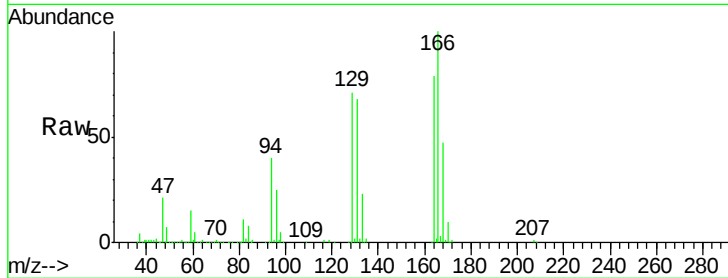
131 86.0 69.8 104.6

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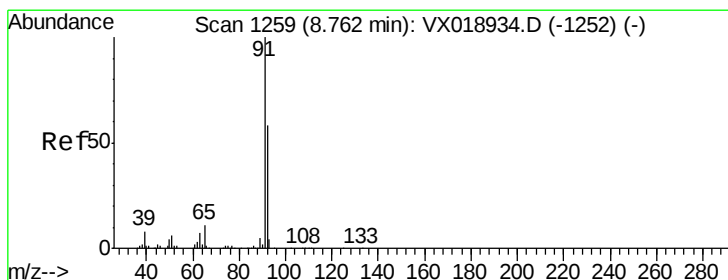
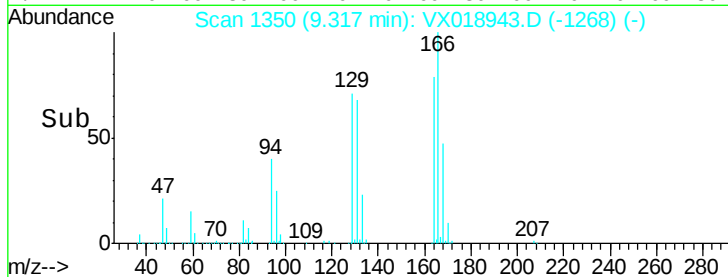
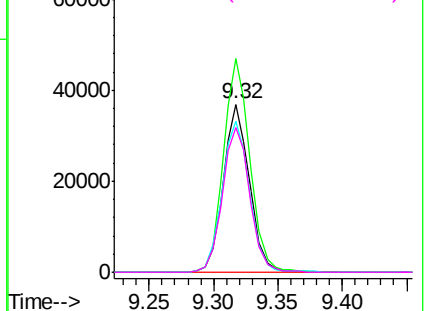


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 17.901 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018943.D

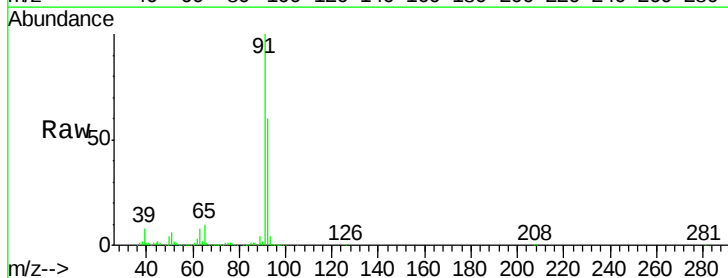
Acq: 15 Oct 2020 19:29

Tgt Ion: 91 Resp: 235620

Ion Ratio Lower Upper

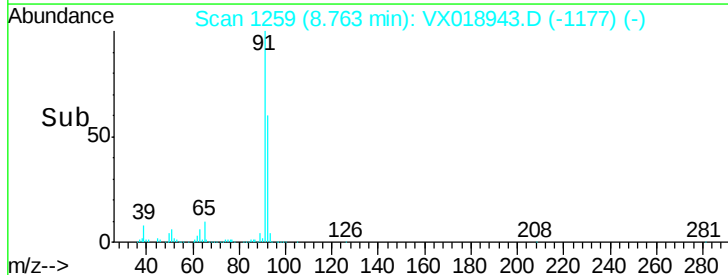
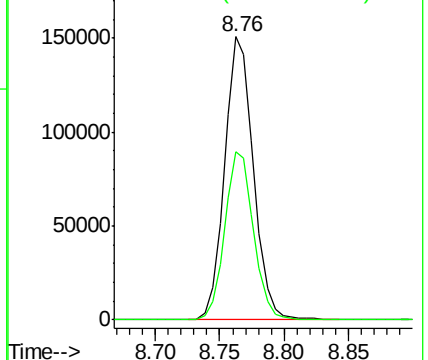
91 100

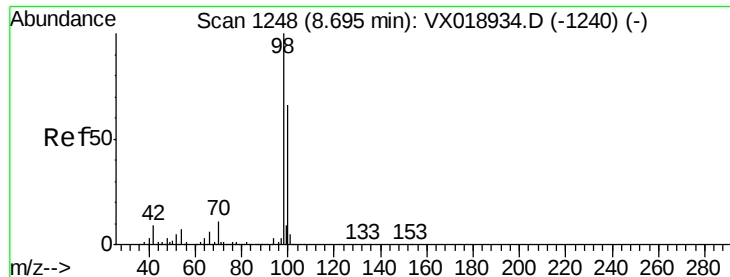
92 59.6 47.1 70.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.741 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

Tot Ion: 98 Resp: 319149

Ion Ratio Lower Upper

98 100

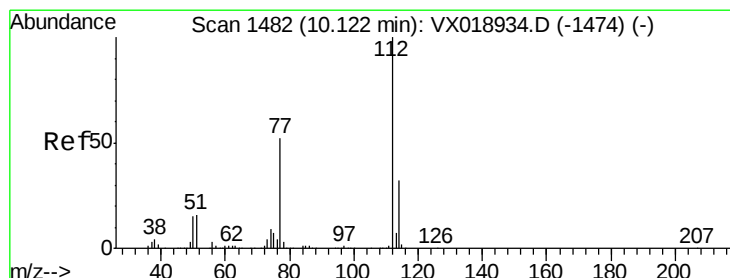
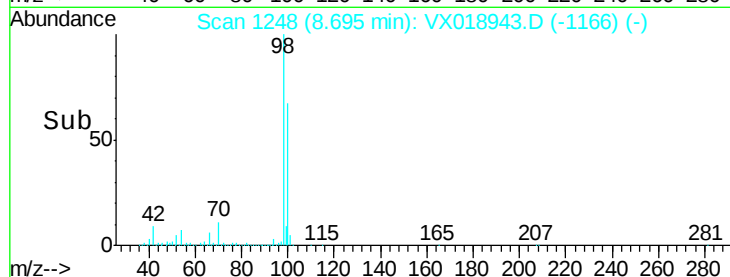
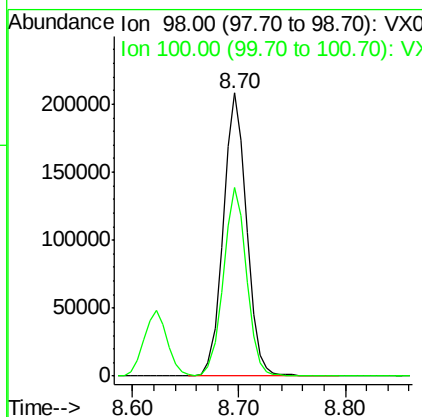
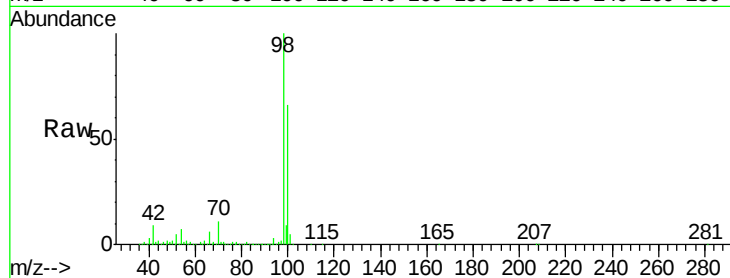
100 66.0 53.2 79.8

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#64

Chlorobenzene

Concen: 18.371 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018943.D

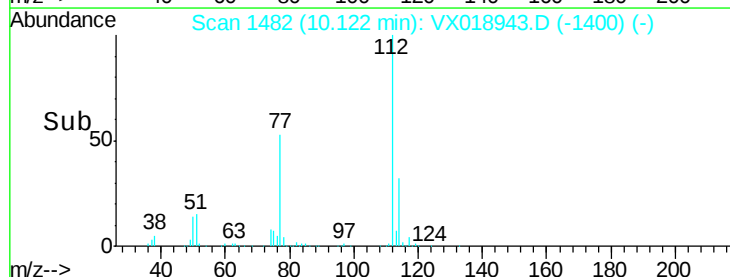
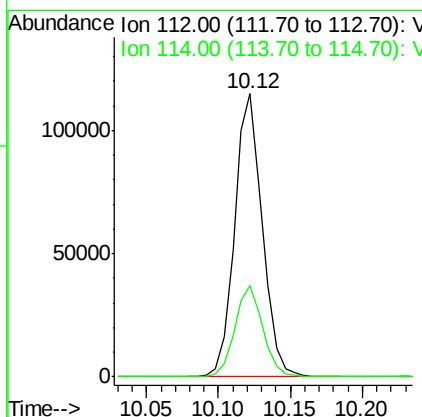
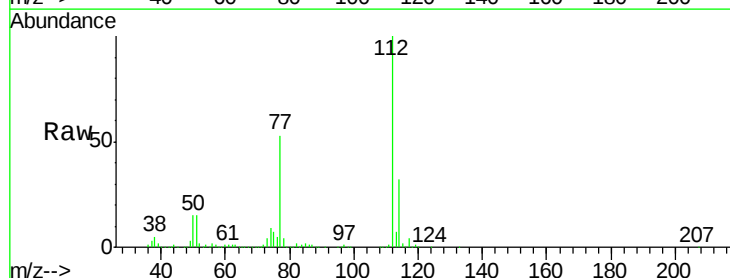
Acq: 15 Oct 2020 19:29

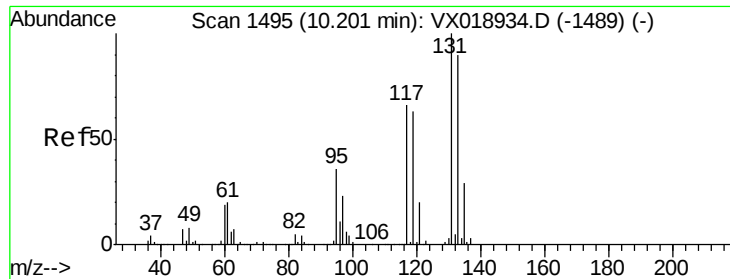
Tgt Ion: 112 Resp: 153813

Ion Ratio Lower Upper

112 100

114 32.3 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 18.498 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

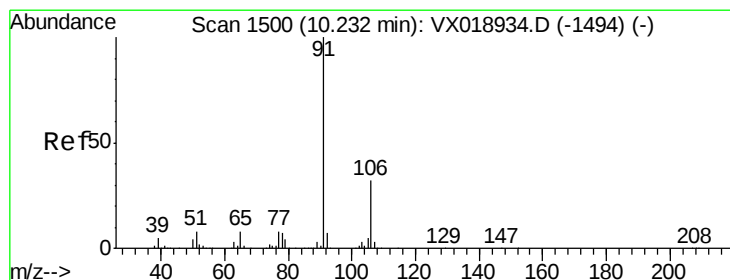
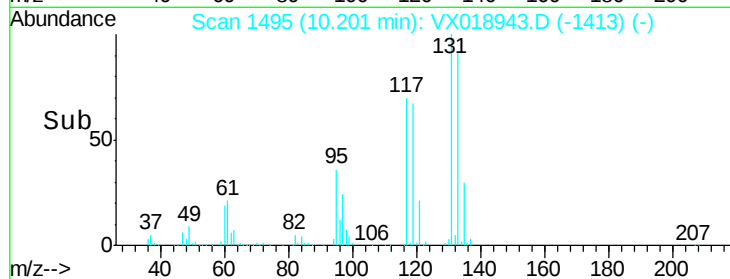
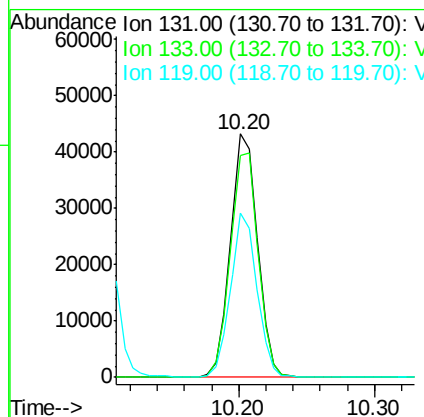
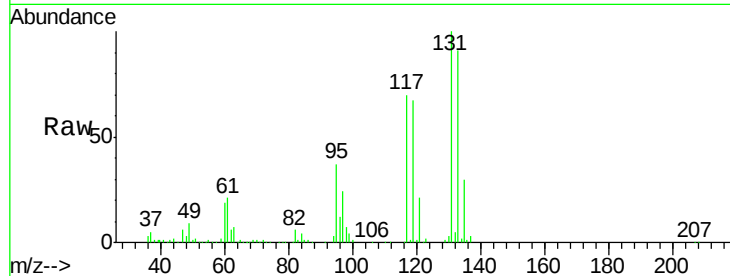
ClientSampleId :

VX1015WBSD01

Tot Ion:	131	Resp:	60113
Ion	Ratio	Lower	Upper
131	100		
133	94.6	0.0	188.8
119	64.8	0.0	127.2

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#66

Ethyl Benzene

Concen: 18.283 ug/l

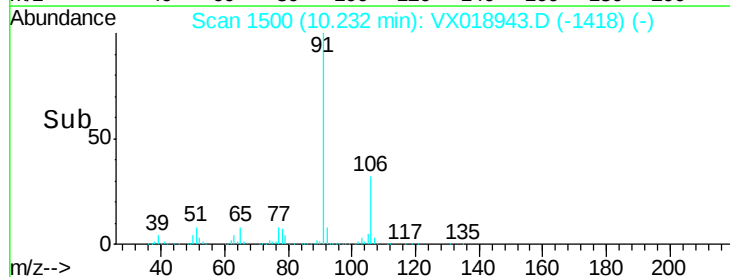
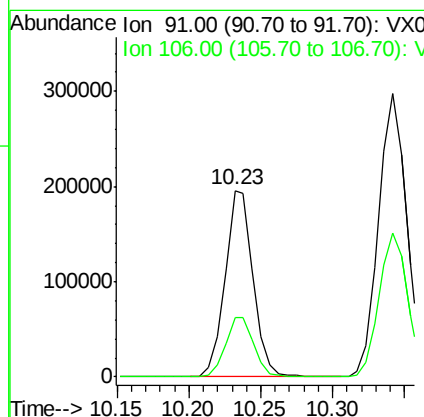
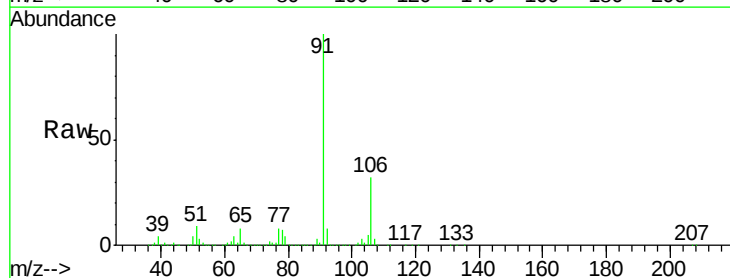
RT: 10.23 min Scan# 1500

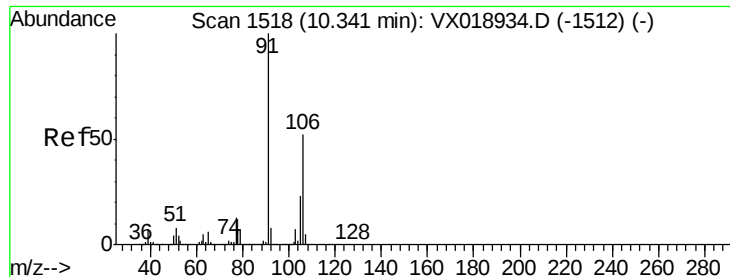
Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Tgt Ion:	91	Resp:	266700
Ion	Ratio	Lower	Upper
91	100		
106	31.5	25.3	37.9





#67

m/p-Xylenes

Concen: 35.959 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

Tot Ion:106 Resp: 205513

Ion Ratio Lower Upper

106 100

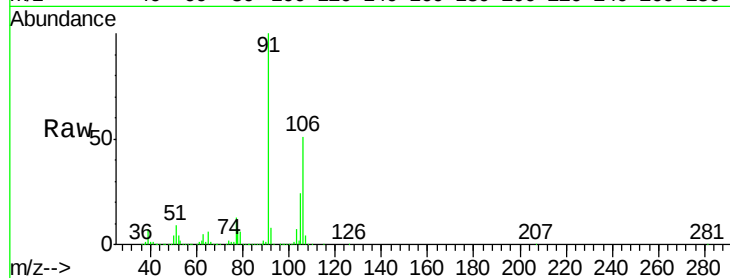
91 195.2 155.7 233.5

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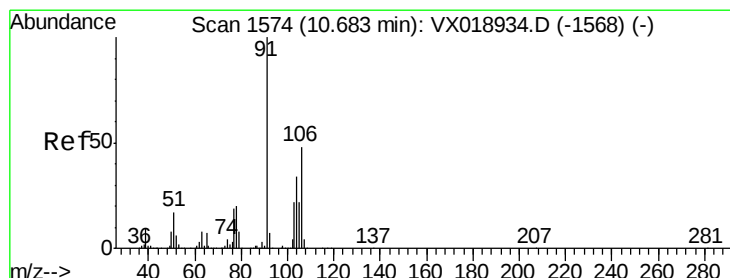
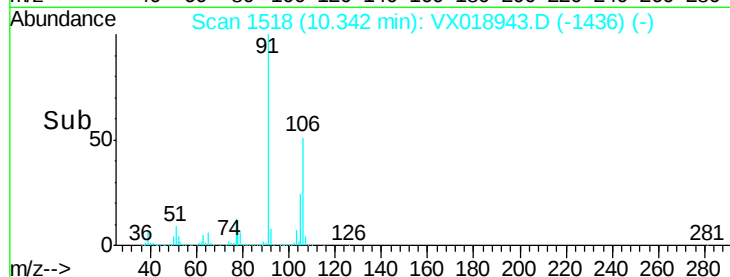
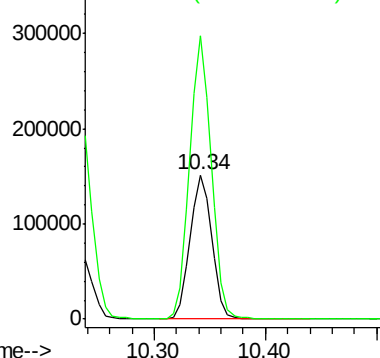
apatel

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.632 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018943.D

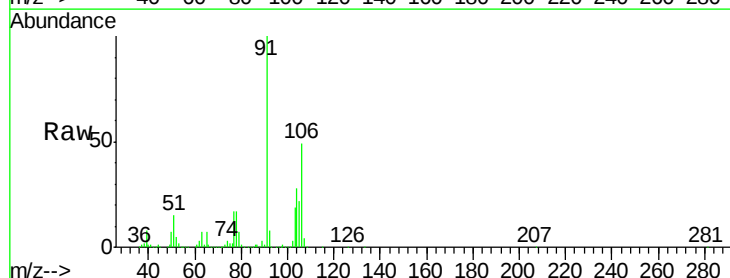
Acq: 15 Oct 2020 19:29

Tgt Ion:106 Resp: 100704

Ion Ratio Lower Upper

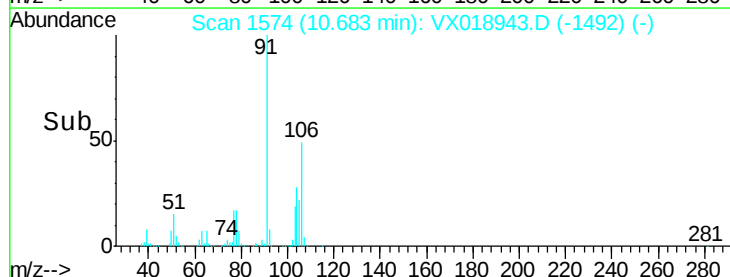
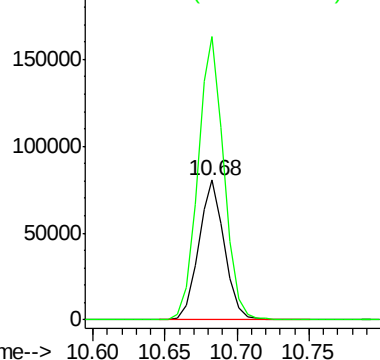
106 100

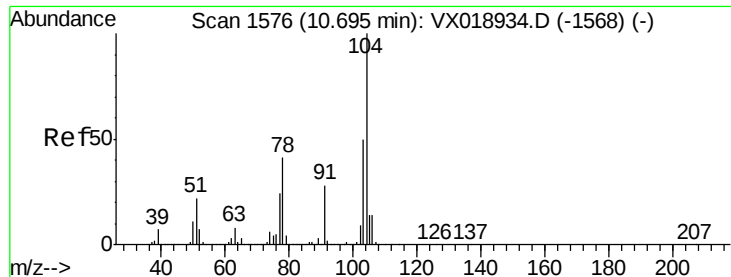
91 204.9 103.3 309.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





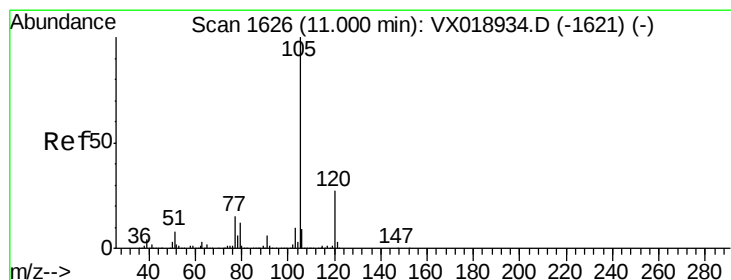
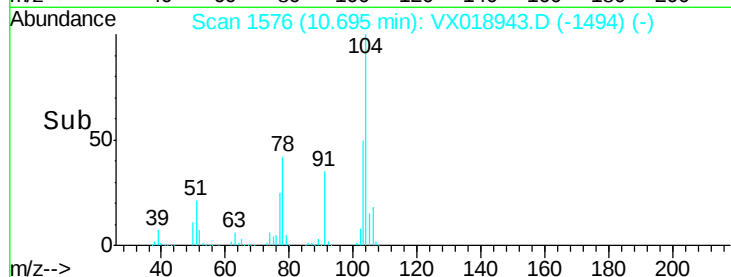
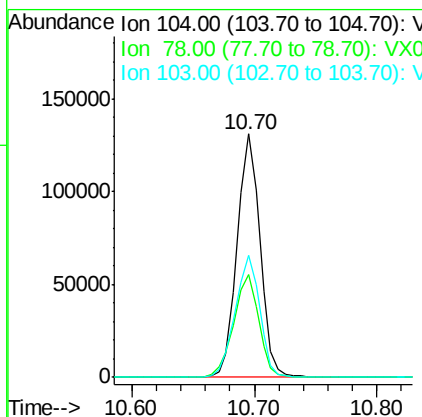
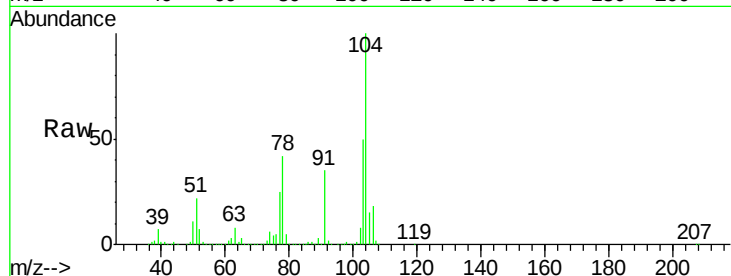
#69
Stvrene
Concen: 18.222 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	169304		
78	46.4		37.8	56.6
103	54.2		44.1	66.1

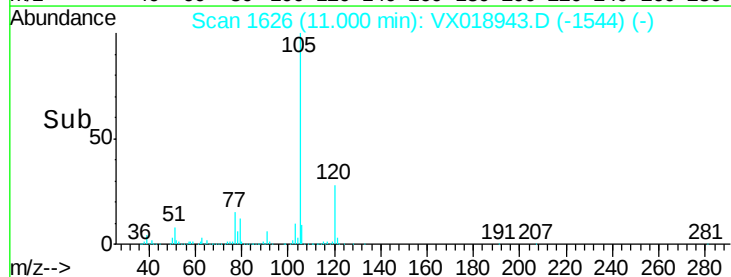
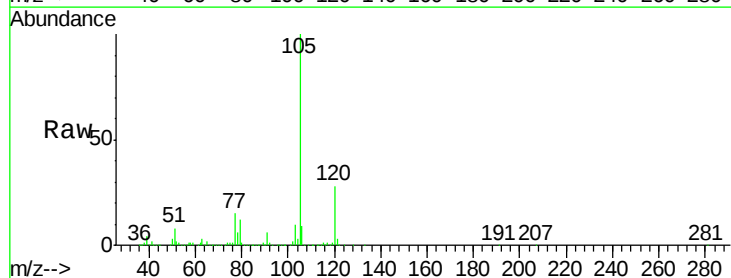
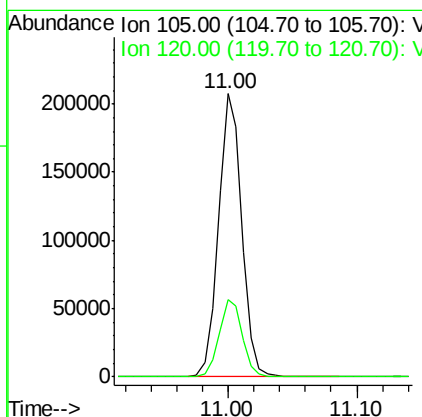
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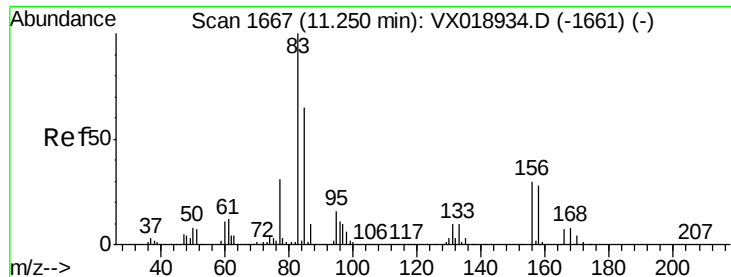
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#70
Isopropylbenzene
Concen: 18.314 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	262995		
120	27.4		19.4	36.0





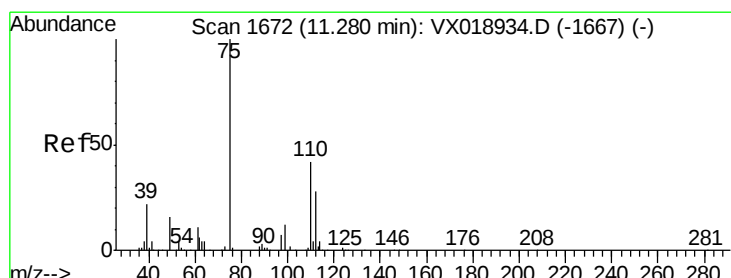
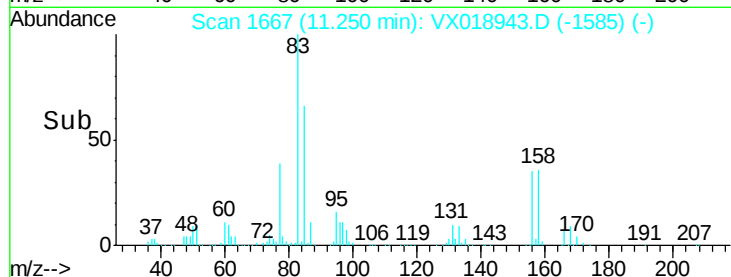
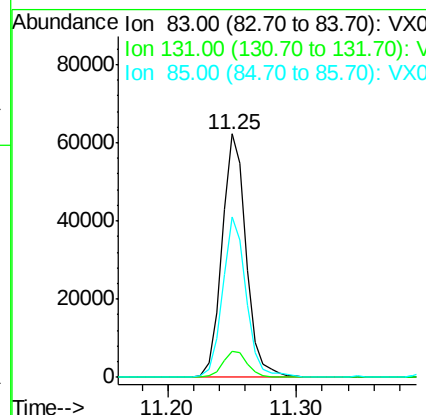
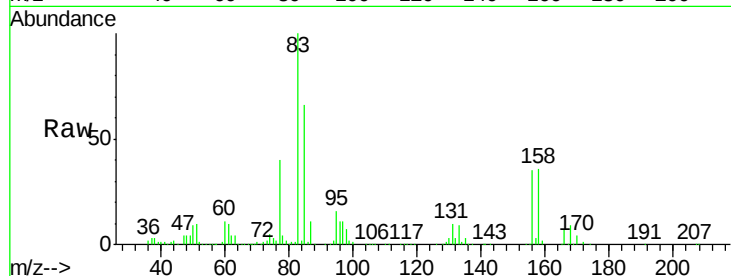
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.289 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Tot Ion	83	Resp	81809
Ion Ratio	100	Lower	Upper
83	100		
131	11.0	5.3	16.1
85	64.8	32.3	96.8

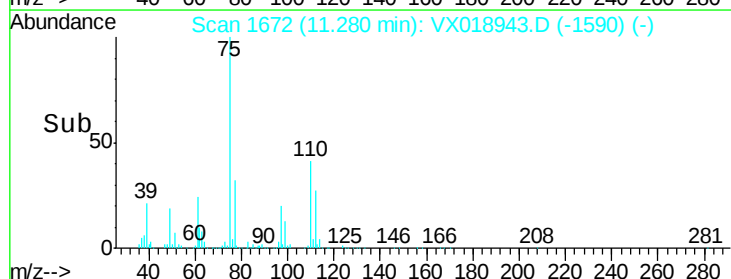
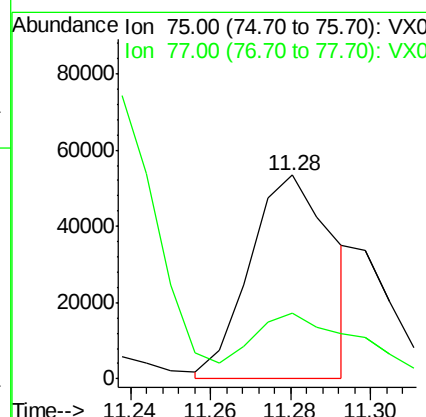
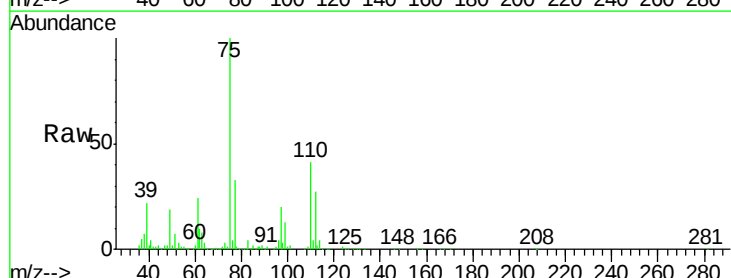
Manual Integrations
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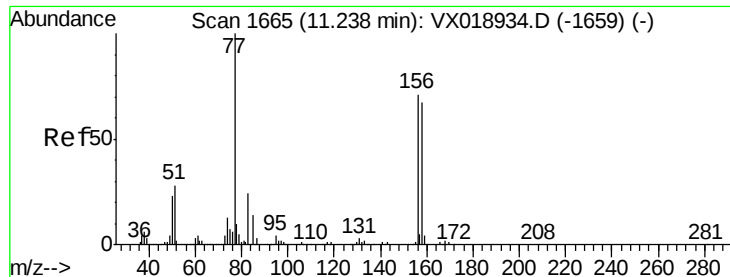
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#72
 1,2,3-Trichloropropane
 Concen: 18.442 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Tgt Ion	75	Resp	77074
Ion Ratio	100	Lower	Upper
75	100		
77	39.1	0.0	75.8





#73

Bromobenzene

Concen: 18.315 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

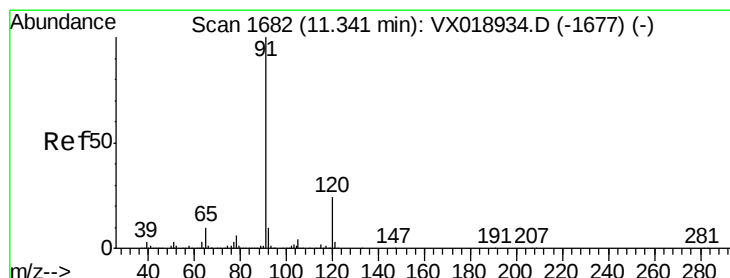
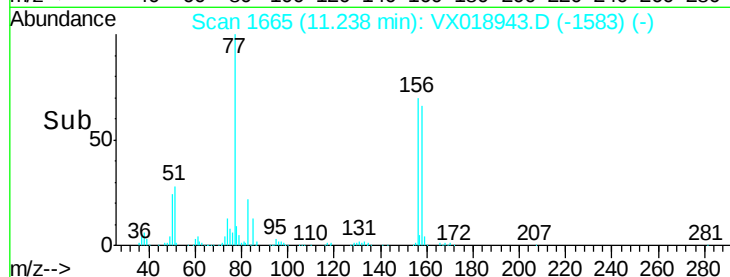
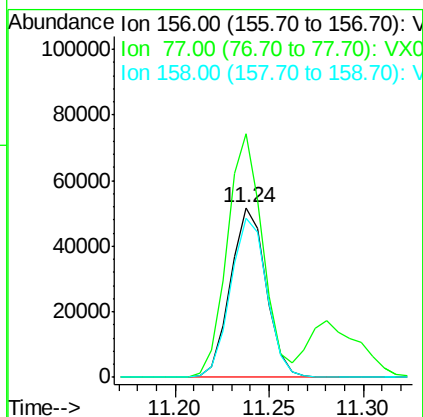
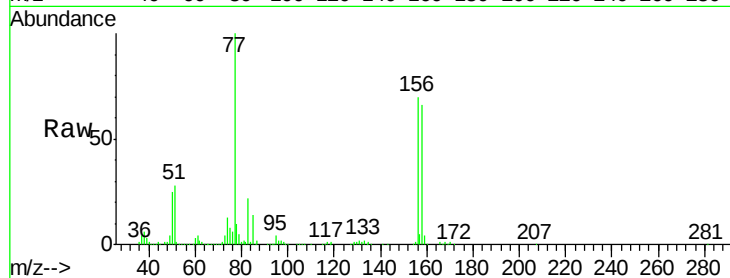
ClientSampleId :

VX1015WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	142.9	0.0	288.2	
158	95.7	0.0	189.2	

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#74

n-propylbenzene

Concen: 17.900 ug/l

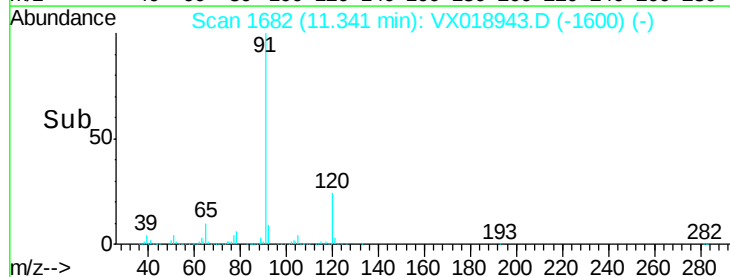
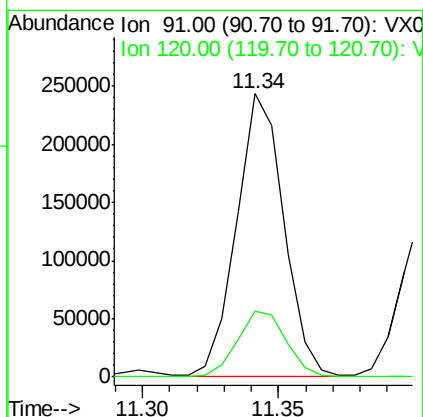
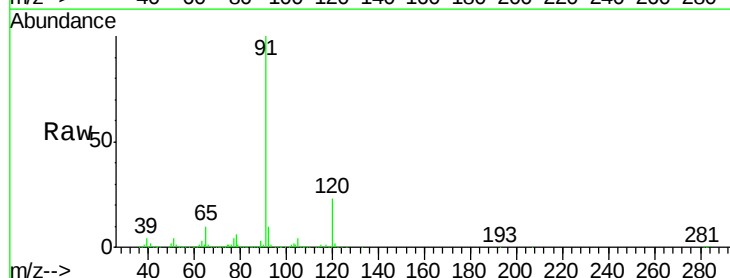
RT: 11.34 min Scan# 1682

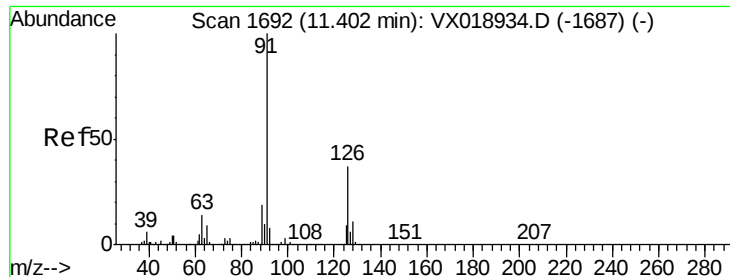
Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.2	0.0	48.4	





#75

2-Chlorotoluene

Concen: 18.138 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

Tot Ion: 91 Resp: 171507

Ion Ratio Lower Upper

91 100

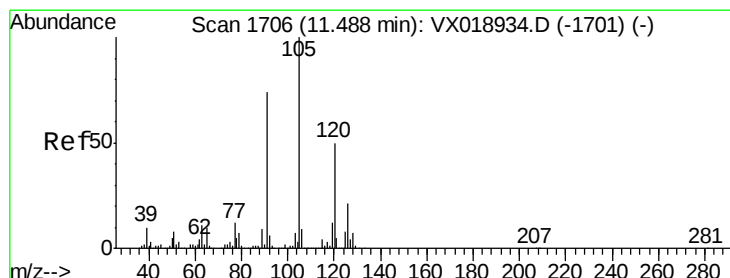
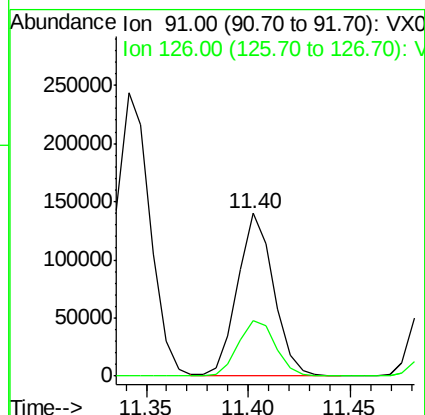
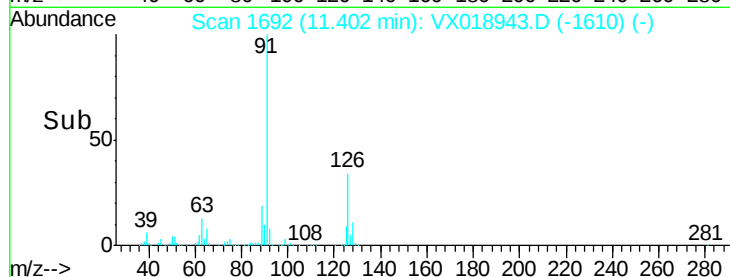
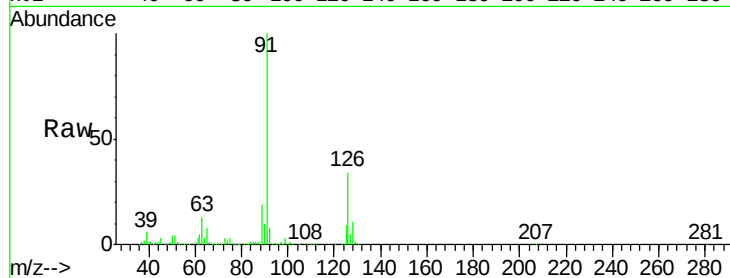
126 35.6 0.0 70.8

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#76

1,3,5-Trimethylbenzene

Concen: 18.034 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX018943.D

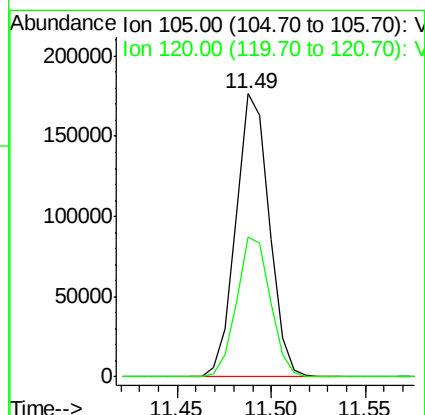
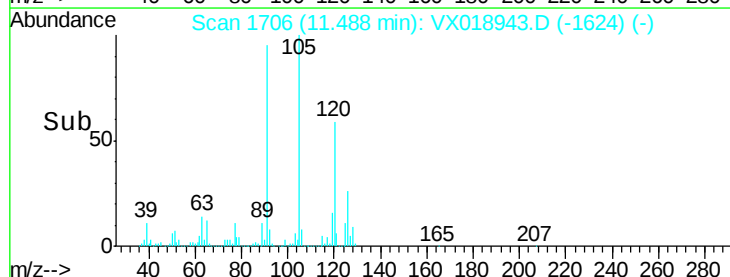
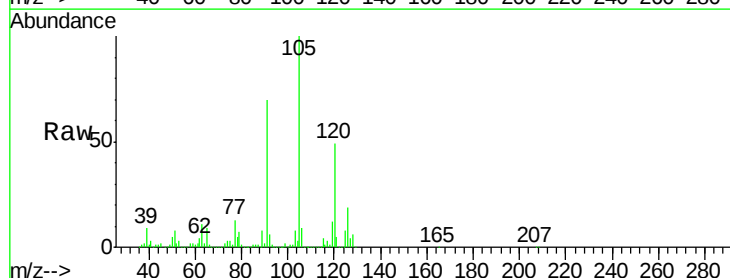
Acq: 15 Oct 2020 19:29

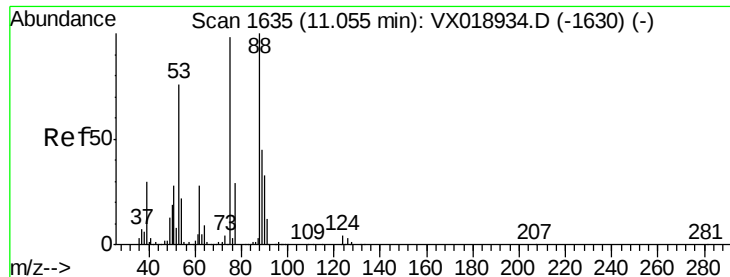
Tgt Ion: 105 Resp: 216877

Ion Ratio Lower Upper

105 100

120 50.1 0.0 101.6





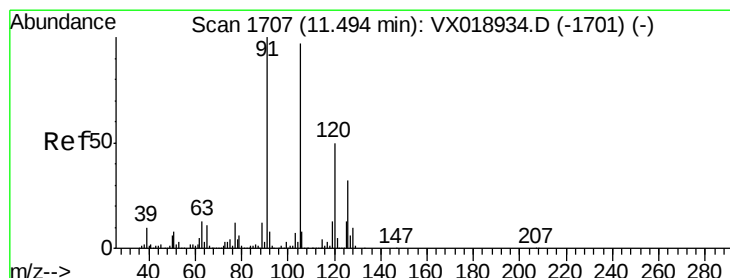
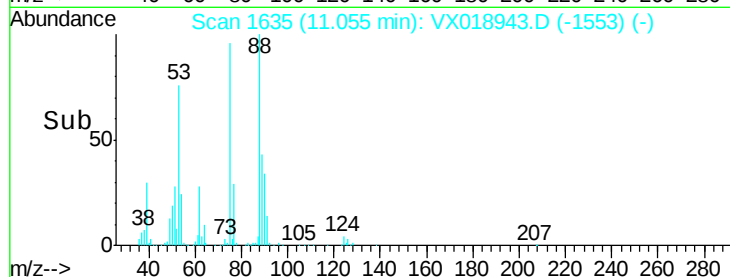
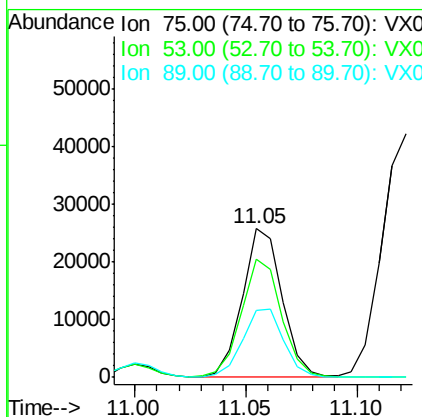
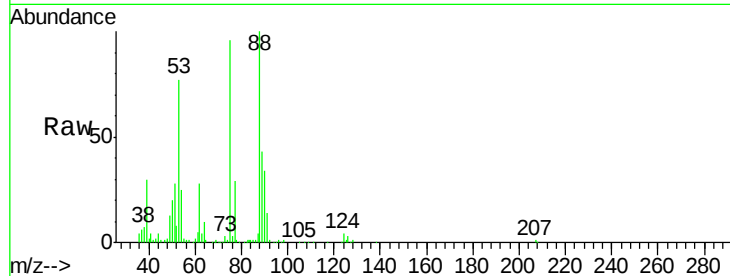
#77
t-1,4-Dichloro-2-butene
Concen: 17.650 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	79.6	38.8	116.3
89	44.6	22.9	68.8

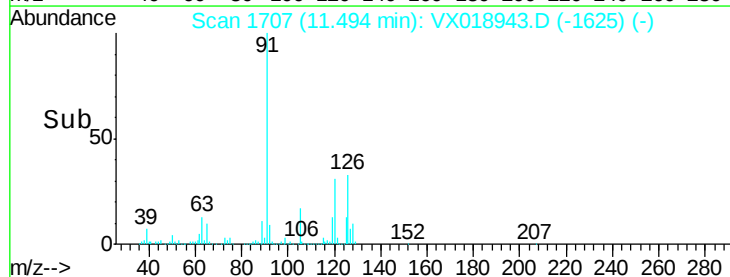
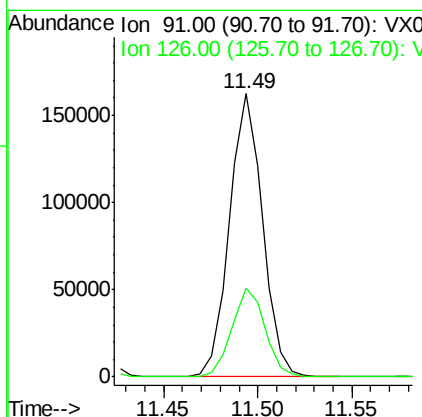
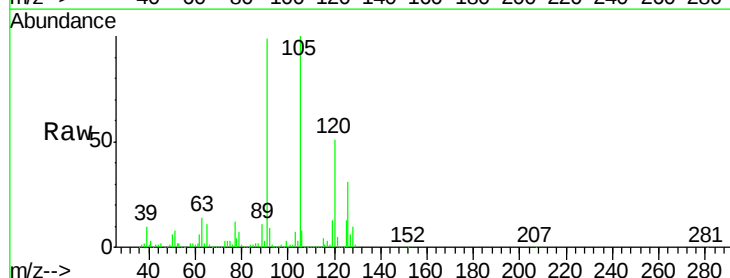
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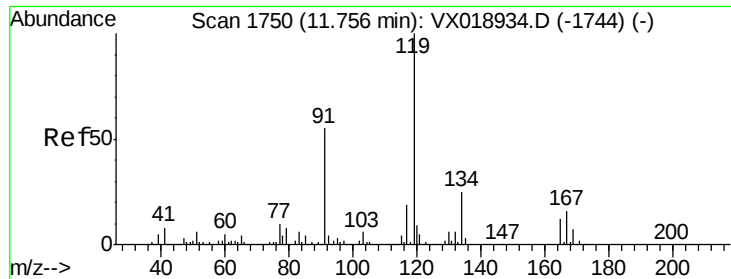
apatel
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#78
4-Chlorotoluene
Concen: 17.729 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	0.0	63.6





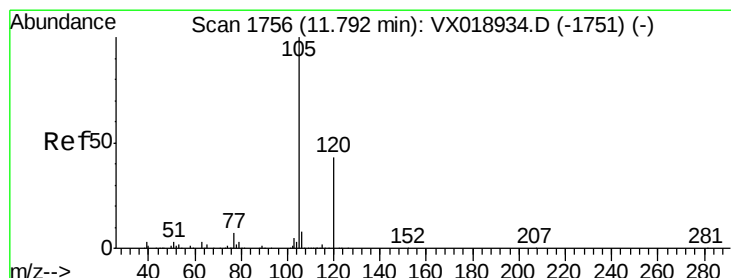
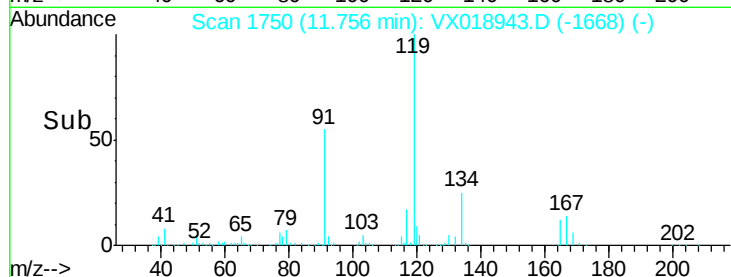
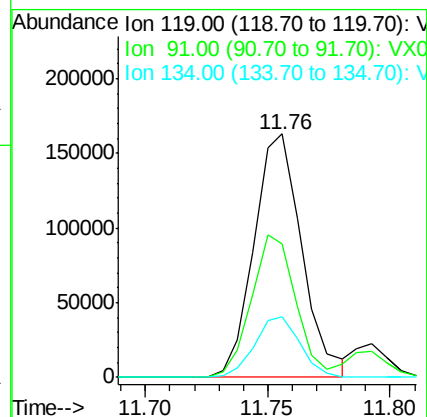
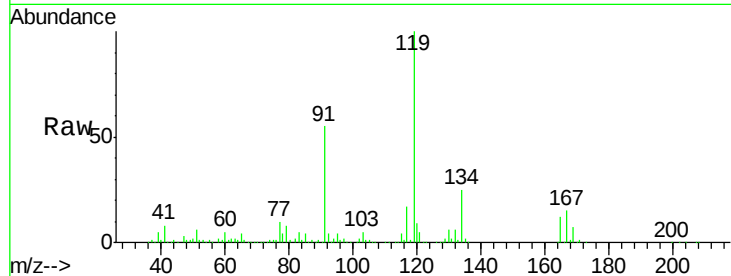
#79
tert-butylbenzene
Concen: 18.337 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	223361		
91	54.0	0.0	110.0	
134	23.5	0.0	47.4	

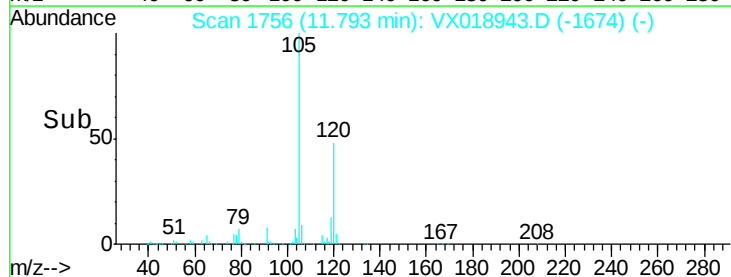
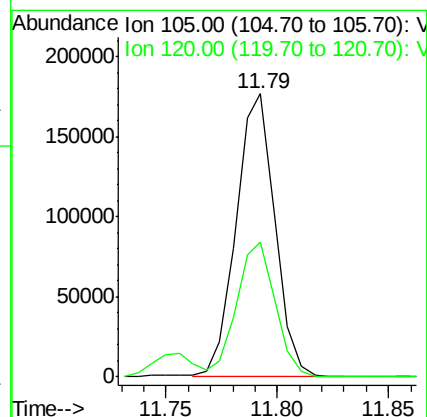
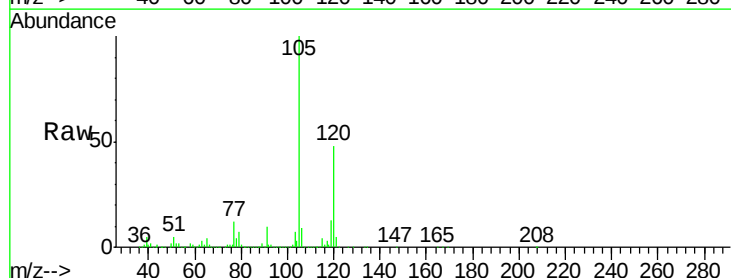
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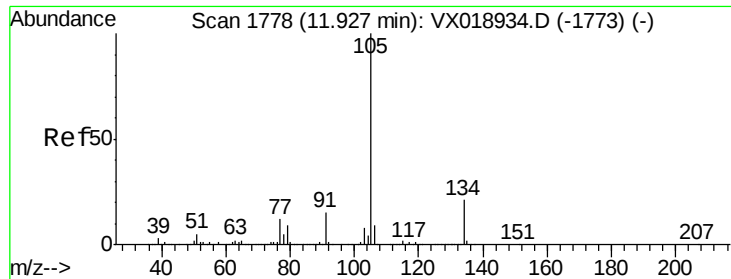
apatel
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#80
1,2,4-Trimethylbenzene
Concen: 17.797 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	213256		
120	47.7	0.0	93.0	





#81

sec-Butylbenzene

Concen: 18.074 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBSD01

Tot Ion:105 Resp: 252461

Ion Ratio Lower Upper

105 100

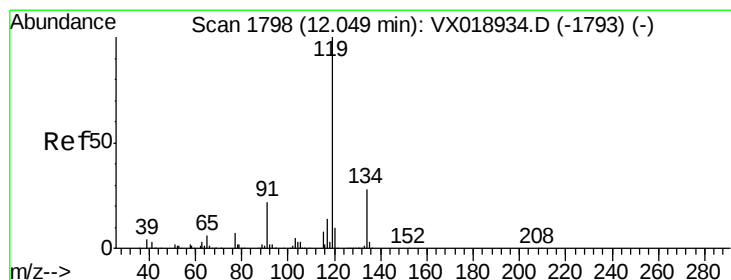
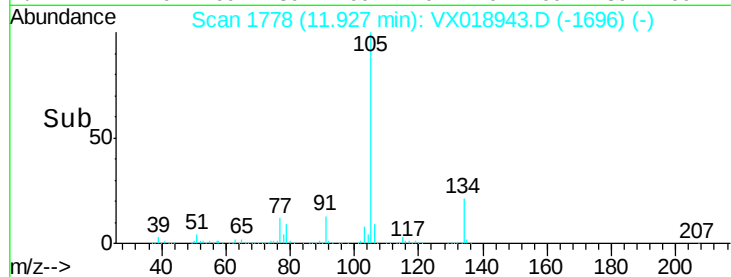
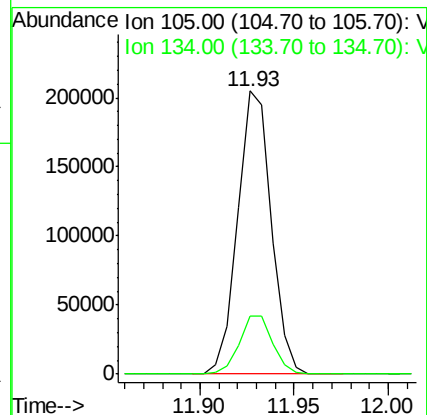
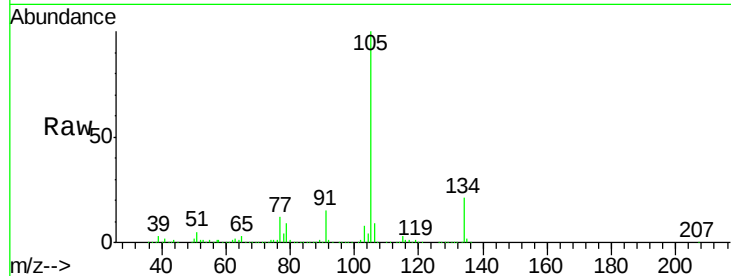
134 20.6 0.0 42.6

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#82

p-Isopropyltoluene

Concen: 17.636 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

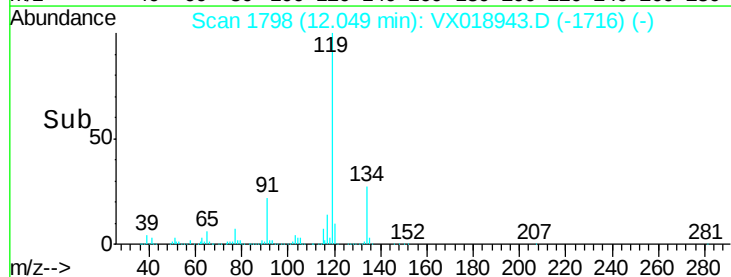
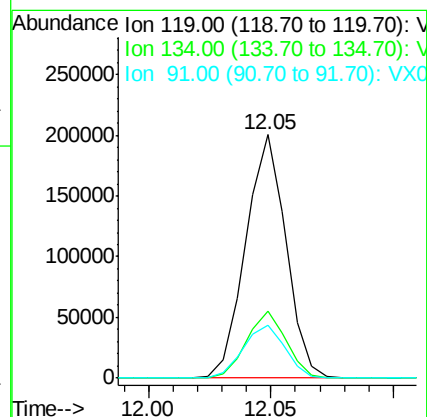
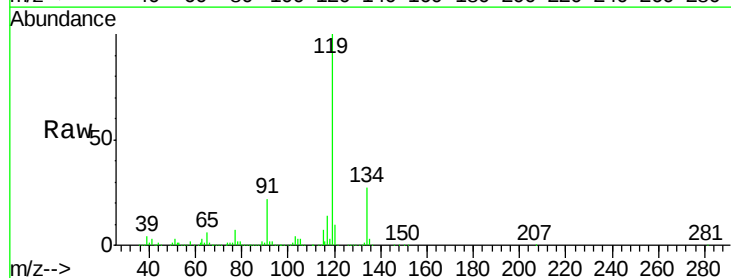
Tgt Ion:119 Resp: 229629

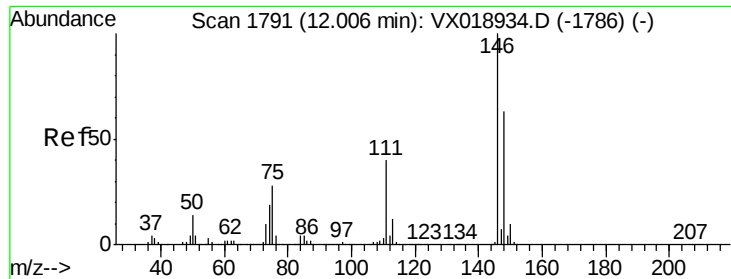
Ion Ratio Lower Upper

119 100

134 27.3 0.0 54.8

91 22.5 0.0 45.4





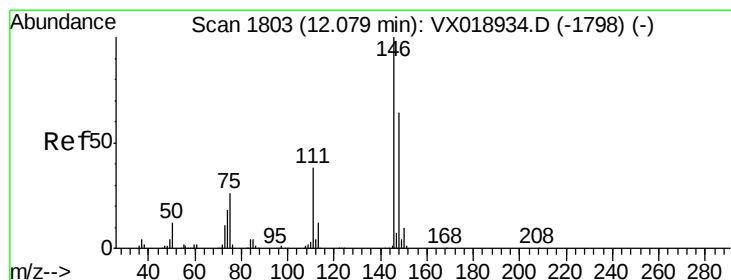
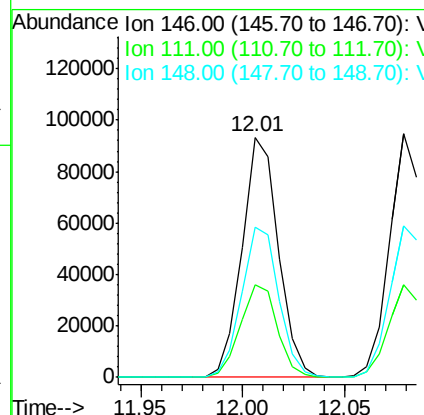
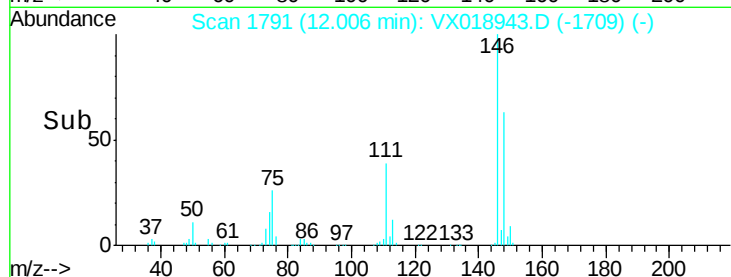
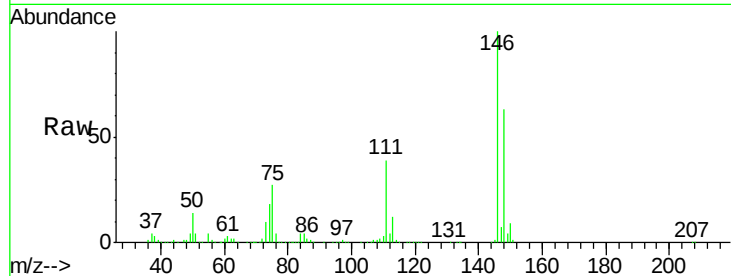
#83
 1,3-Dichlorobenzene
 Concen: 17.536 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.9	59.7
148	63.9	31.9	95.5

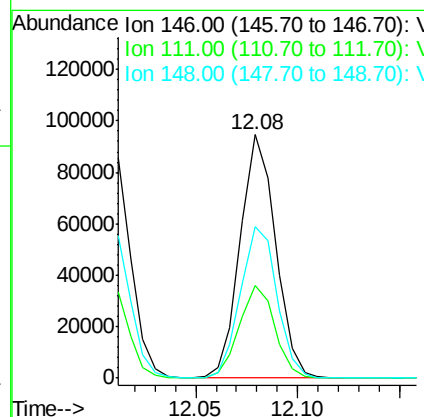
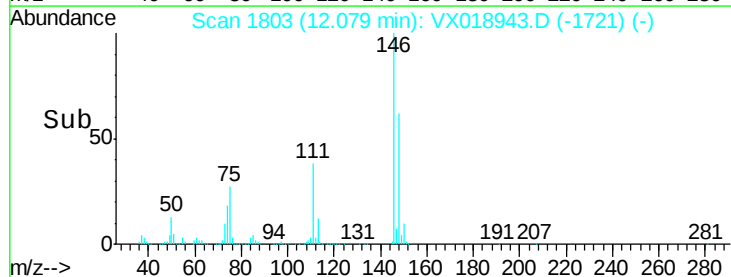
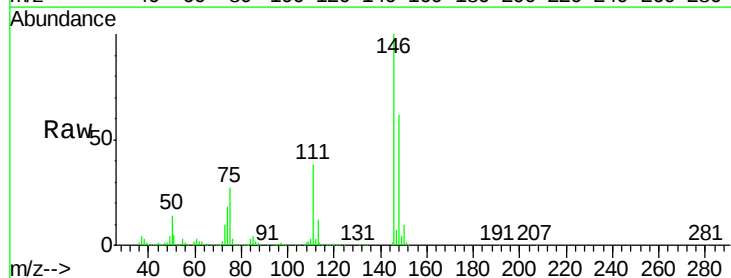
Manual Integrations
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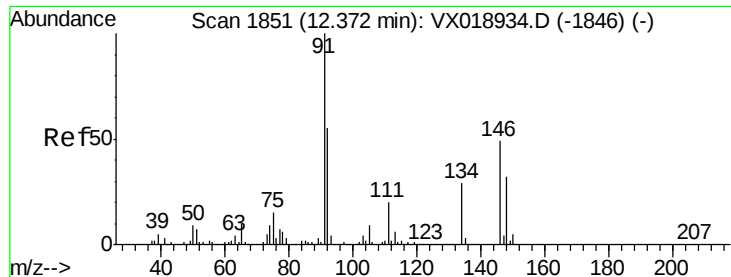
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#84
 1,4-Dichlorobenzene
 Concen: 17.182 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.6	55.6
148	64.2	32.1	96.5





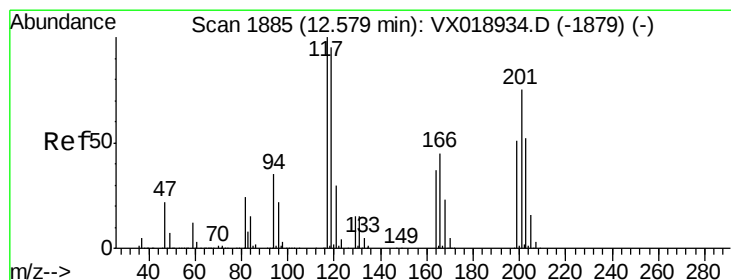
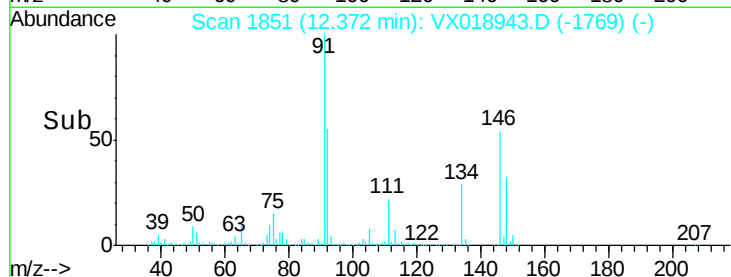
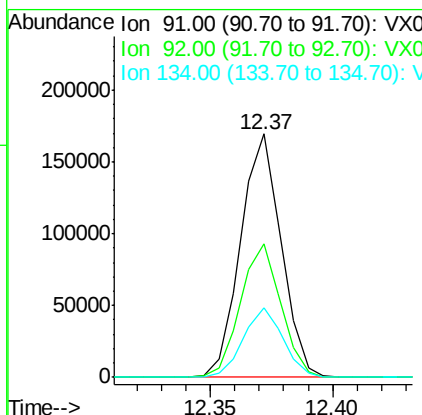
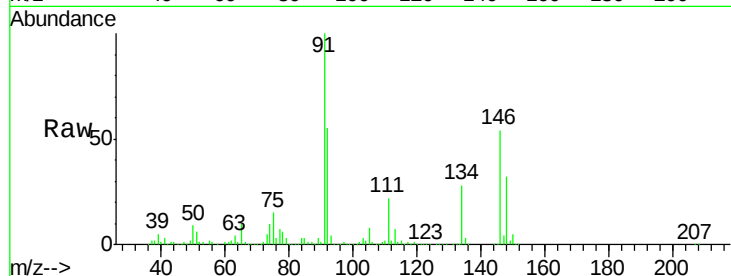
#85
n-Butylbenzene
Concen: 16.699 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	194564		
92	54.9	0.0	109.6	
134	28.1	0.0	56.4	

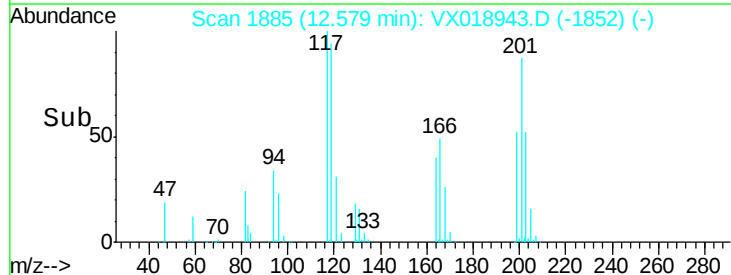
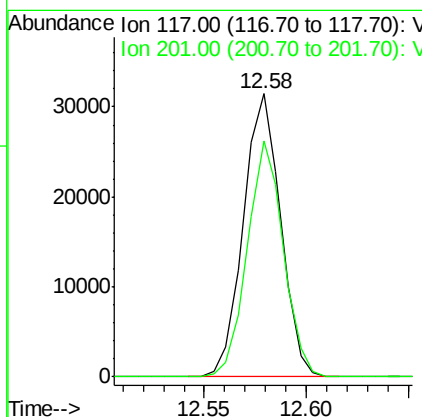
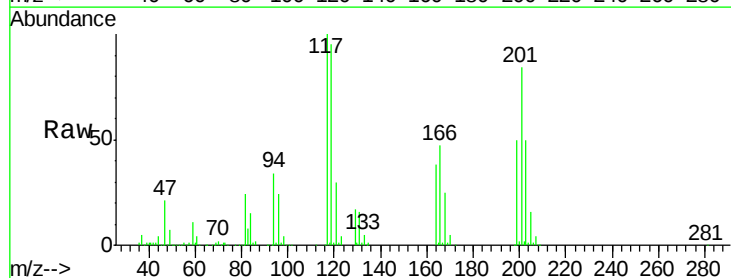
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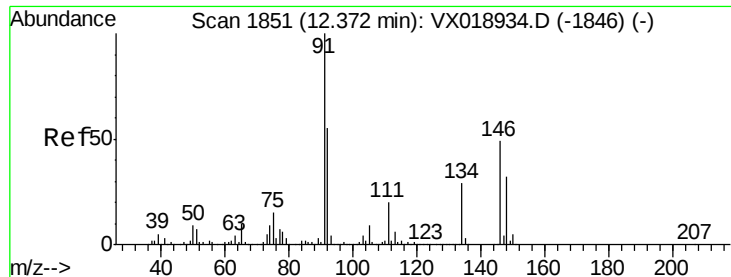
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#86
Hexachloroethane
Concen: 18.119 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018943.D
Acq: 15 Oct 2020 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	40024		
201	80.6	38.9	116.6	





#87

1,2-Dichlorobenzene

Concen: 17.772 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

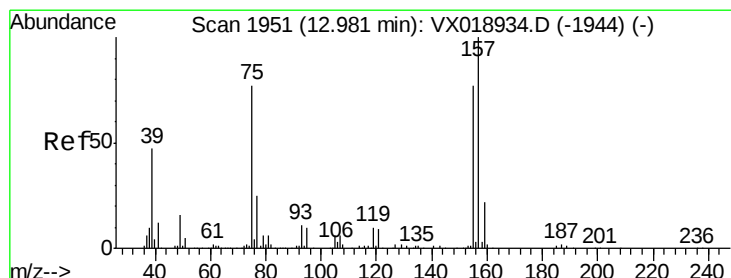
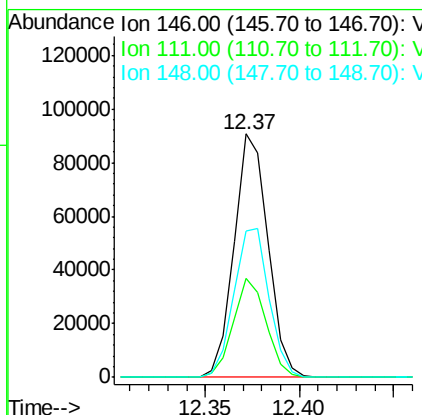
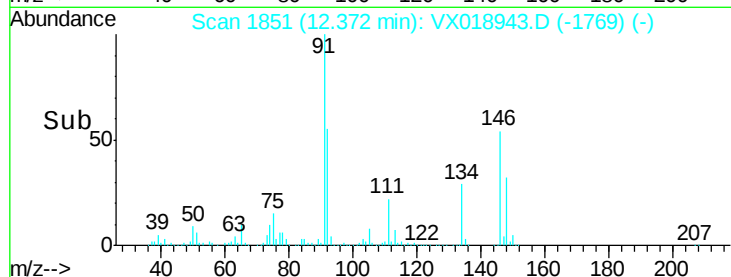
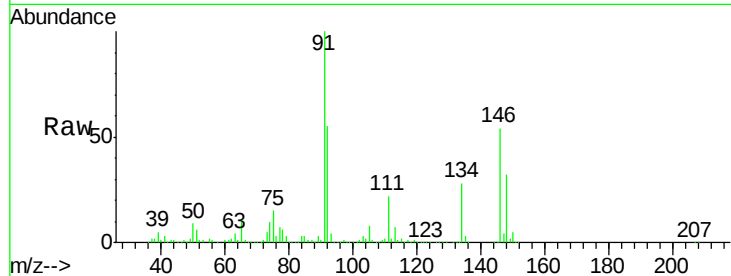
ClientSampleId :

VX1015WBSD01

Tot Ion:	146	Resp:	113167
Ion Ratio	Lower	Upper	
146	100		
111	39.6	19.9	59.6
148	63.9	31.9	95.7

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#88

1,2-Dibromo-3-Chloropropane

Concen: 18.369 ug/l

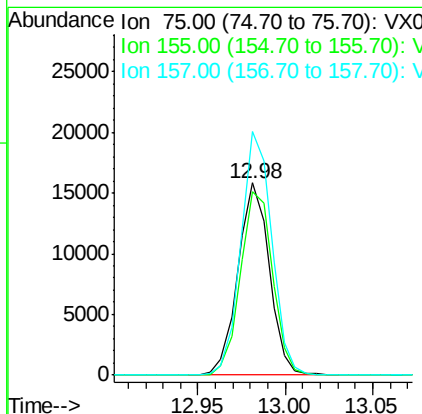
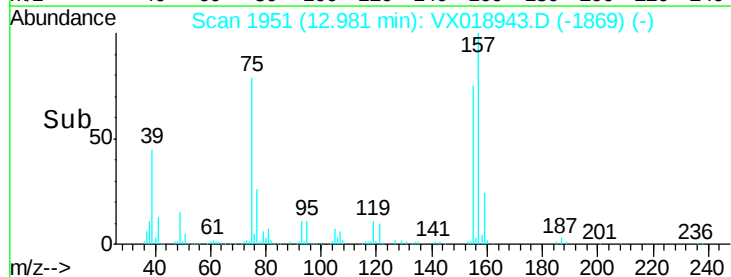
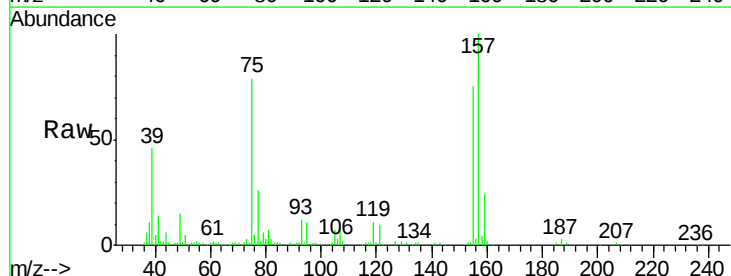
RT: 12.98 min Scan# 1951

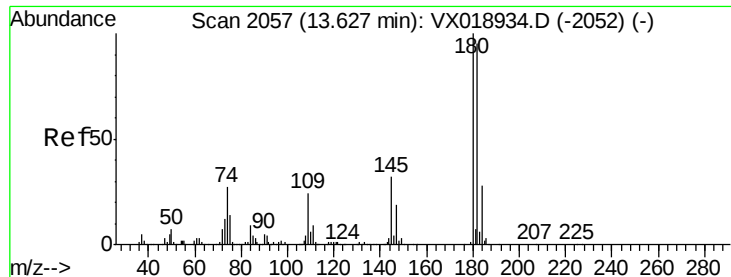
Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Tgt Ion:	75	Resp:	19892
Ion Ratio	Lower	Upper	
75	100		
155	97.4	79.3	118.9
157	124.2	104.2	156.4





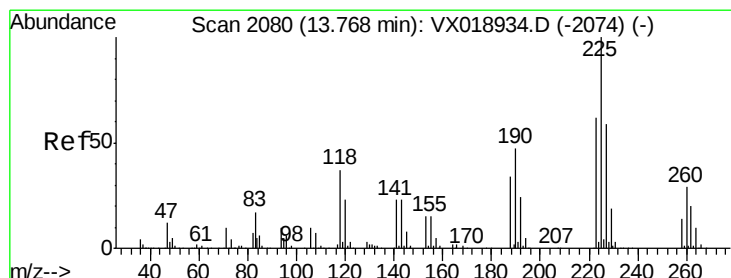
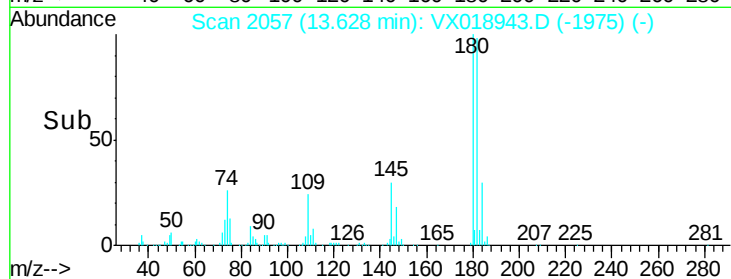
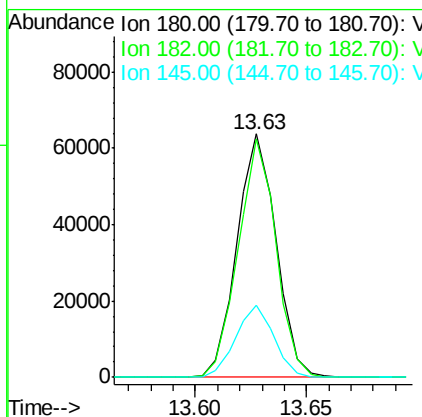
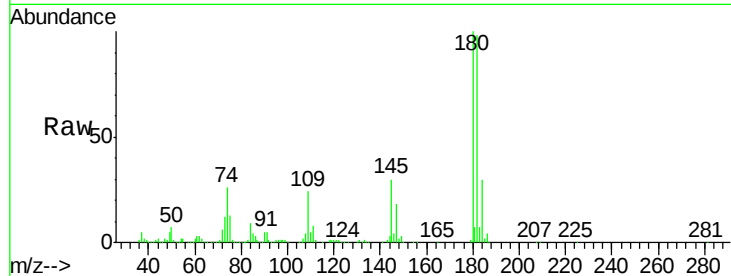
#89
 1,2,4-Trichlorobenzene
 Concen: 16.786 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	78055		
182	94.9		75.4	113.2
145	29.2		24.8	37.2

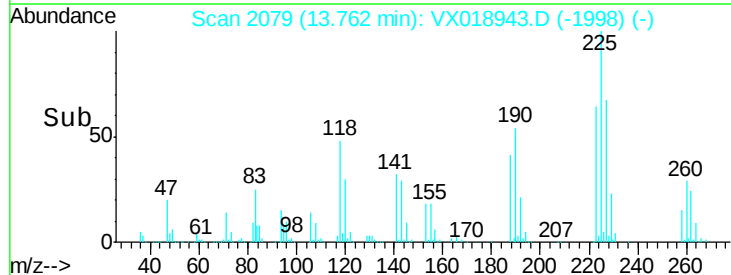
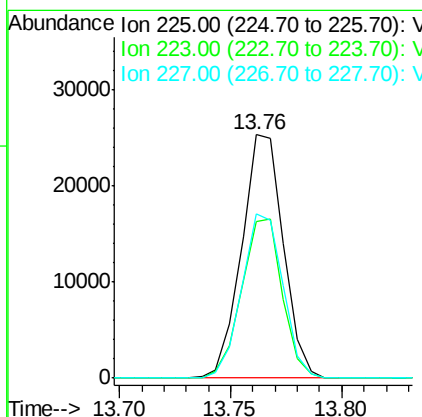
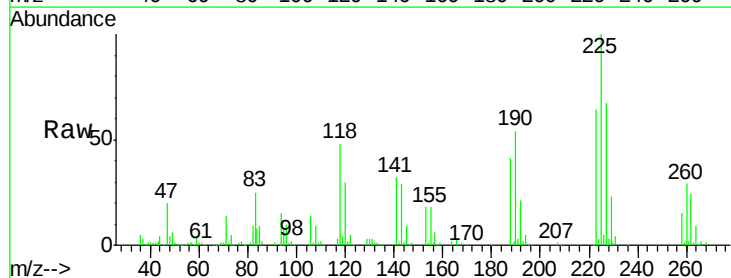
Manual Integrations
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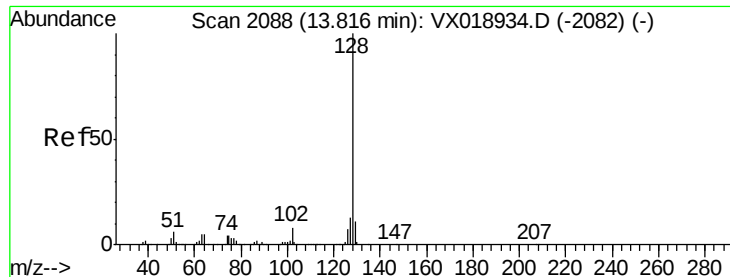
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#90
 Hexachlorobutadiene
 Concen: 17.054 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018943.D
 Acq: 15 Oct 2020 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	33127		
223	64.0		0.0	128.8
227	66.6		0.0	123.2





#91

Naphthalene

Concen: 17.614 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Instrument :

MSVOA_X

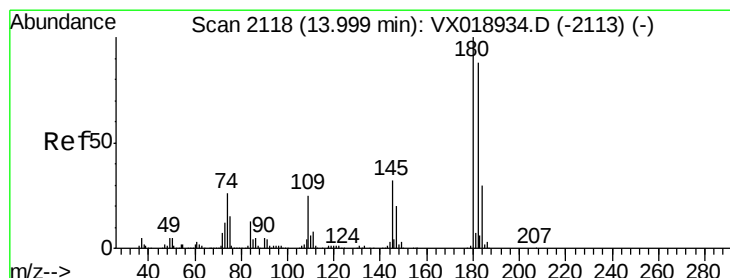
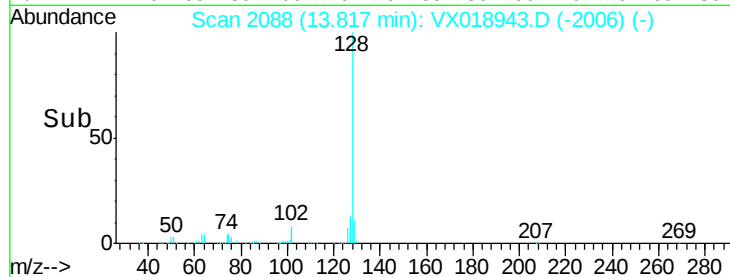
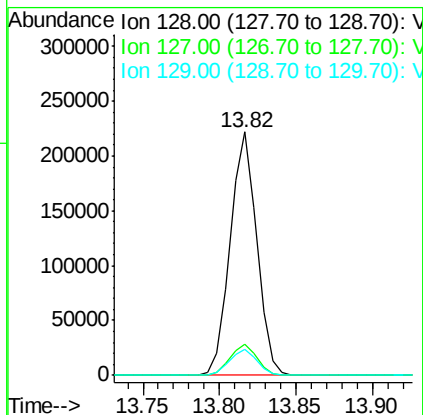
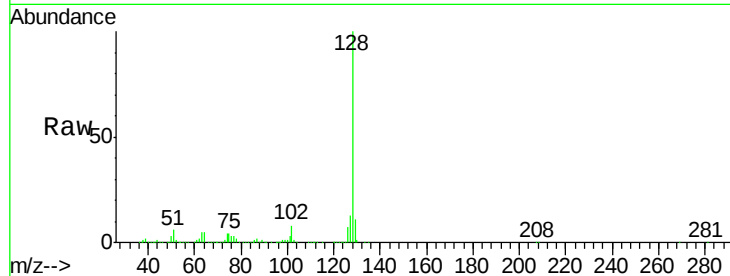
ClientSampleId :

VX1015WBSD01

Tot Ion:	128	Resp:	267112
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.2
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
10/16/2020 2:11:42 PM



#92

1,2,3-Trichlorobenzene

Concen: 17.286 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018943.D

Acq: 15 Oct 2020 19:29

Tgt Ion:	180	Resp:	78379
Ion Ratio	Lower	Upper	
180	100		
182	95.0	0.0	190.8
145	31.9	0.0	64.4

