

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101520\
 Data File : VX018938.D
 Acq On : 15 Oct 2020 17:05
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101520

Manual Integrations
 APPROVED

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Quant Time: Oct 16 02:38:32 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	47200	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	262931	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	233484	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	91182	30.28	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.93%
60) 4-Bromofluorobenzene	11.12	95	107208	29.49	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.30%
63) Toluene-d8	8.70	98	302716	29.68	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.93%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	48581	21.709	ug/l 100
3) Chloromethane	1.31	50	52987	20.935	ug/l 96
4) Vinyl Chloride	1.39	62	66753	21.491	ug/l 97
5) Bromomethane	1.63	94	51590	28.048	ug/l 92
6) Chloroethane	1.72	64	45097	21.051	ug/l 97
7) Trichlorofluoromethane	1.92	101	105011	21.476	ug/l 98
8) Diethyl Ether	2.17	74	41573	21.599	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	59352	21.831	ug/l 98
10) 1,1-Dichloroethene	2.36	96	60662	21.468	ug/l 98
11) Methyl Iodide	2.49	142	69014	20.570	ug/l 96
12) Methyl Acetate	2.75	43	60296	21.761	ug/l 99
13) Acrolein	2.27	56	59246	111.816	ug/l 98
14) Acrylonitrile	3.11	53	140513	108.998	ug/l 99
15) Acetone	2.42	58	50242	115.789	ug/l 98
16) Carbon Disulfide	2.55	76	151347	21.840	ug/l 99
17) Allyl chloride	2.70	41	77151	21.041	ug/l 96
18) Methylene Chloride	2.83	84	61466	21.586	ug/l 97
19) trans-1,2-Dichloroethene	3.14	96	61137	21.483	ug/l 99
20) Diisopropyl ether	3.82	45	146340	21.508	ug/l 88
21) 1,1-Dichloroethane	3.67	63	99637	21.425	ug/l 100
22) cis-1,2-Dichloroethene	4.56	96	69727	21.640	ug/l 98
23) tert-Butyl Alcohol	3.01	59	77676	108.227	ug/l 100
24) Methyl tert-Butyl Ether	3.17	73	170920	21.905	ug/l 100
25) Chloroform	5.17	83	106086	21.490	ug/l 99
26) Cyclohexane	5.54	56	78904	21.076	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	80191	21.036	ug/l 99
30) 2-Butanone	4.64	43	202031	106.350	ug/l 99
31) 2,2-Dichloropropane	4.55	77	94536	21.051	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	96999	20.965	ug/l 100
33) Carbon Tetrachloride	5.75	117	89830	21.185	ug/l 93
34) Benzene	6.11	78	243685	21.570	ug/l 98
35) Methacrylonitrile	5.01	41	42053	21.391	ug/l 99
36) 1,2-Dichloroethane	6.16	62	81845	22.038	ug/l 99
37) Trichloroethene	7.18	130	70124	21.150	ug/l 96
38) Methylcyclohexane	7.44	83	94221	21.679	ug/l 98
39) 1,2-Dichloropropane	7.49	63	59308	21.464	ug/l 99
40) Dibromomethane	7.63	93	44373	21.862	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	88159	21.338	ug/l	97
42) Vinyl Acetate	3.78	43	729568	107.221	ug/l	99
43) Ethyl Acetate	4.79	43	81829	20.813	ug/l	99
44) Isopropyl Acetate	6.41	43	135572	21.473	ug/l	# 100
45) 1,4-Dioxane	7.71	88	29754	441.582	ug/l	98
46) Methyl methacrylate	7.74	41	63558	21.653	ug/l	98
47) n-amyl Acetate	10.88	43	111398	21.124	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	101941	21.608	ug/l	98
49) cis-1,3-Dichloropropene	8.42	75	107644	21.458	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	63773	21.897	ug/l	98
51) Ethyl methacrylate	9.16	69	99784	21.768	ug/l	97
52) 1,3-Dichloropropane	9.35	76	105059	21.860	ug/l	100
53) Dibromochloromethane	9.56	129	75367	21.756	ug/l	98
54) 1,2-Dibromoethane	9.65	107	69738	21.782	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	241341	99.804	ug/l	99
56) Bromoform	10.84	173	55650	20.809	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	403976	108.426	ug/l	100
59) 2-Hexanone	9.47	43	304805	106.844	ug/l	99
61) Tetrachloroethene	9.32	164	61192	21.313	ug/l	97
62) Toluene	8.76	91	267452	21.378	ug/l	100
64) Chlorobenzene	10.12	112	170160	21.382	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.20	131	66651	21.578	ug/l	99
66) Ethyl Benzene	10.23	91	298731	21.545	ug/l	99
67) m/p-Xylenes	10.34	106	228279	42.023	ug/l	99
68) o-Xylene	10.68	106	109099	21.236	ug/l	99
69) Styrene	10.70	104	185790	21.038	ug/l	100
70) Isopropylbenzene	11.00	105	291344	21.344	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	90692	21.331	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	84975m	21.392	ug/l	
73) Bromobenzene	11.24	156	73296	20.855	ug/l	97
74) n-propylbenzene	11.34	91	326754	21.016	ug/l	99
75) 2-Chlorotoluene	11.40	91	187926	20.910	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	238935	20.903	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	35444	20.609	ug/l	96
78) 4-Chlorotoluene	11.49	91	220813	20.867	ug/l	99
79) tert-butylbenzene	11.76	119	242616	20.955	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	238220	20.916	ug/l	99
81) sec-Butylbenzene	11.93	105	278042	20.943	ug/l	100
82) p-Isopropyltoluene	12.05	119	259113	20.937	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	130086	20.805	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	133352	21.157	ug/l	98
85) n-Butylbenzene	12.37	91	226273	20.432	ug/l	100
86) Hexachloroethane	12.58	117	43523	20.729	ug/l	99
87) 1,2-Dichlorobenzene	12.37	146	125269	20.697	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	21802	21.182	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	88797	20.090	ug/l	97
90) Hexachlorobutadiene	13.77	225	38559	20.884	ug/l	98
91) Naphthalene	13.82	128	304325	21.113	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	89480	20.762	ug/l	99

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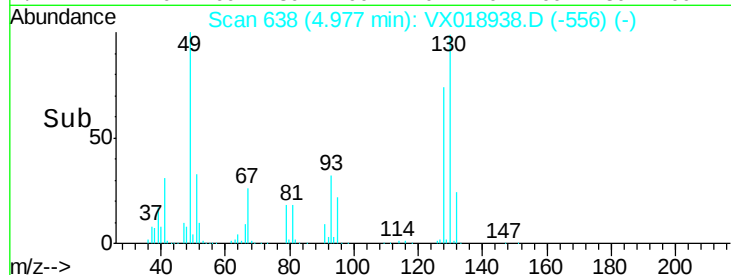
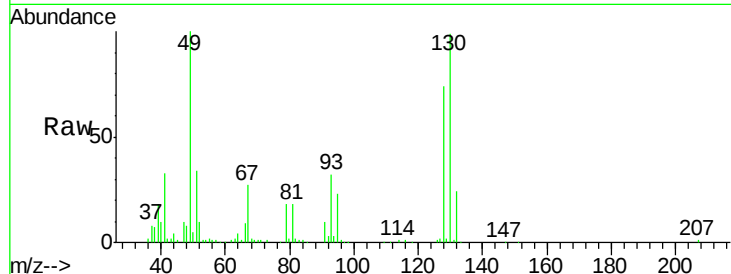
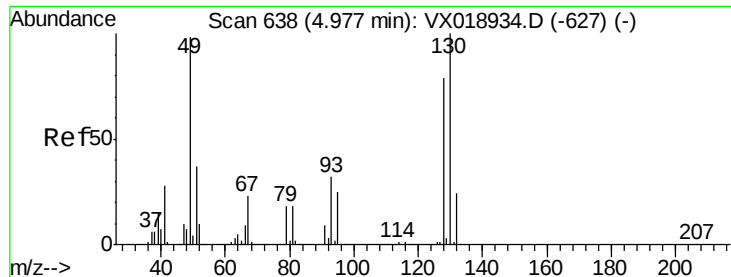
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



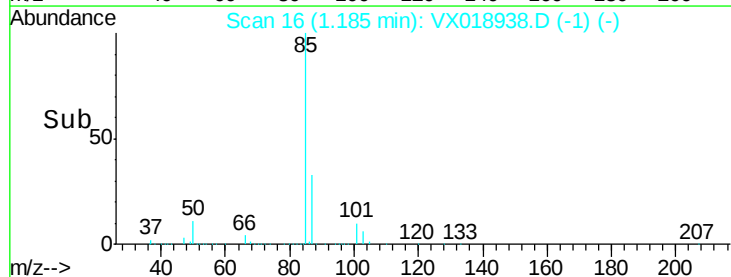
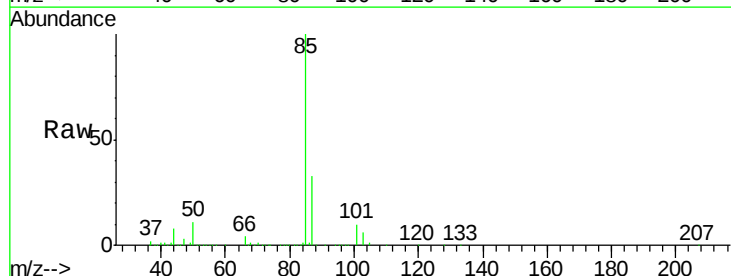
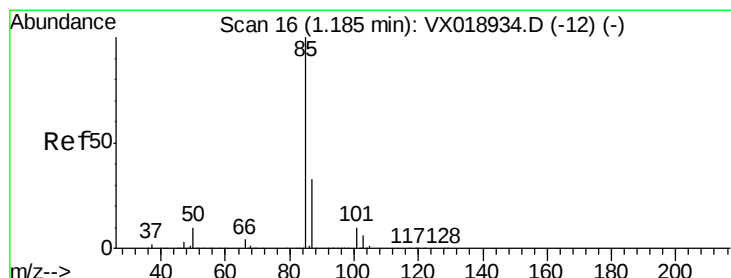
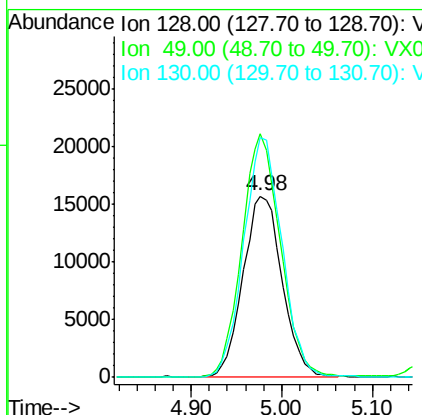
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX018938.D
Acq: 15 Oct 2020 17:05

Tot Ion	Ratio	Lower	Upper
128	100		
49	132.0	0.0	330.5
130	129.4	0.0	323.8

Instrument :
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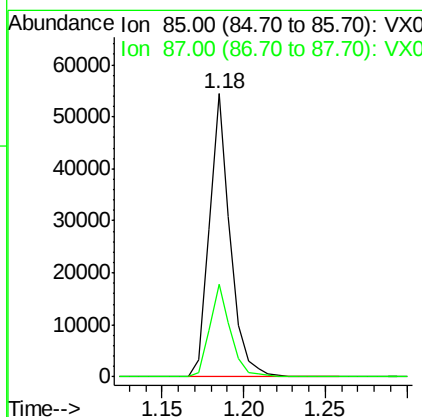
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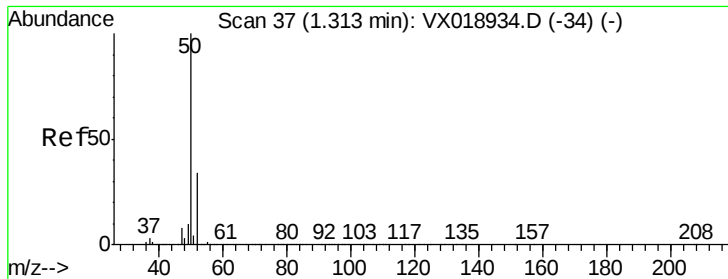
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#2
Dichlorodifluoromethane
Concen: 21.709 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX018938.D
Acq: 15 Oct 2020 17:05

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.3	48.8





#3

Chloromethane

Concen: 20.935 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101520

Tot Ion: 50 Resp: 52987

Ion Ratio Lower Upper

50 100

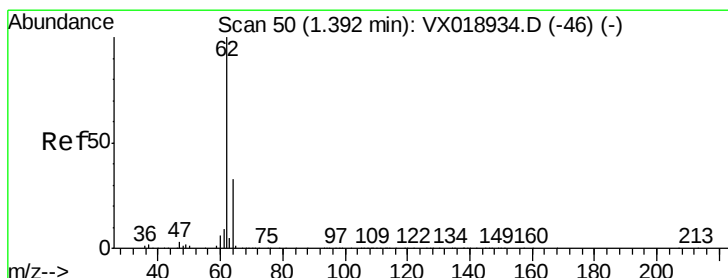
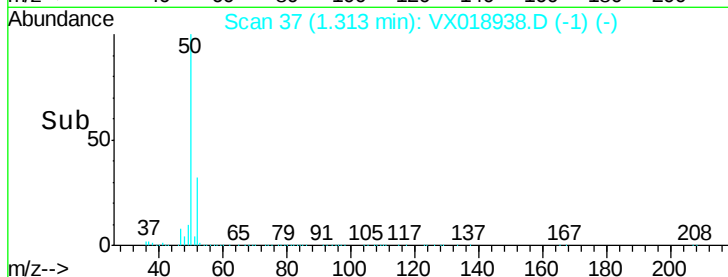
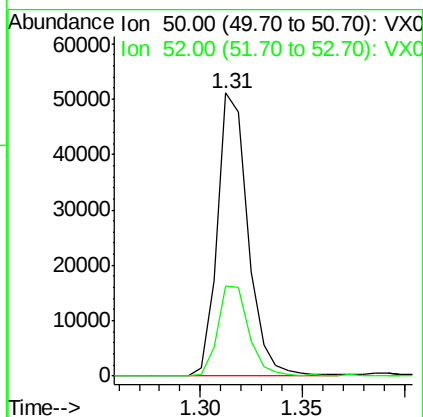
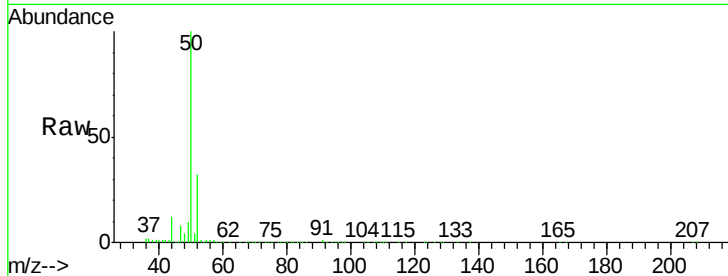
52 31.6 27.0 40.4

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#4

Vinyl Chloride

Concen: 21.491 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018938.D

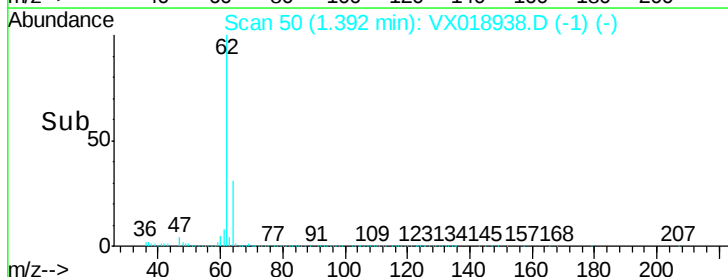
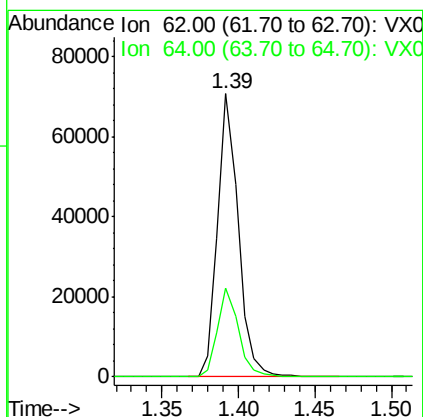
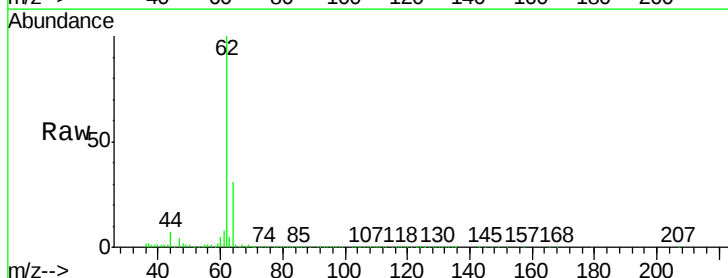
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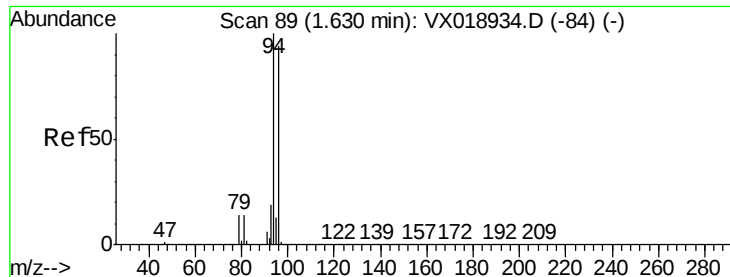
Tgt Ion: 62 Resp: 66753

Ion Ratio Lower Upper

62 100

64 31.2 26.1 39.1





#5

Bromomethane

Concen: 28.048 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101520

Tot Ion: 94 Resp: 51590

Ion Ratio Lower Upper

94 100

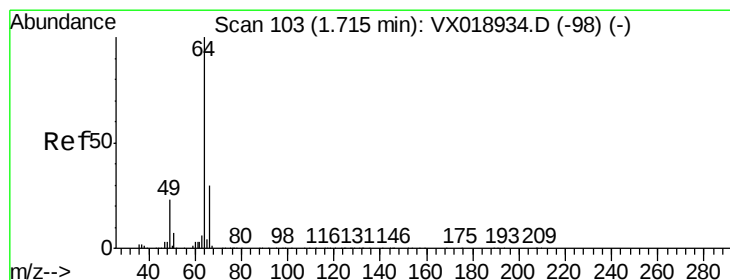
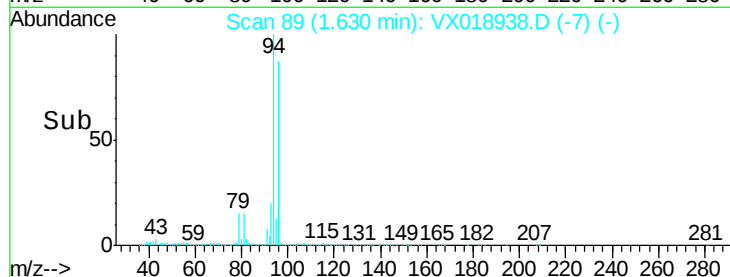
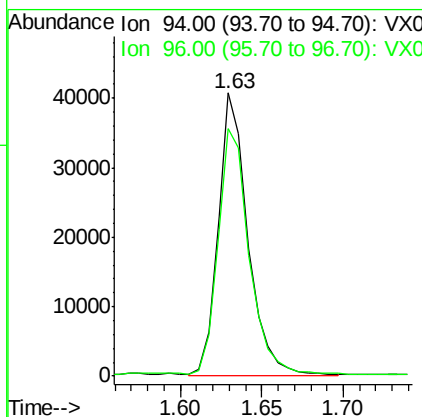
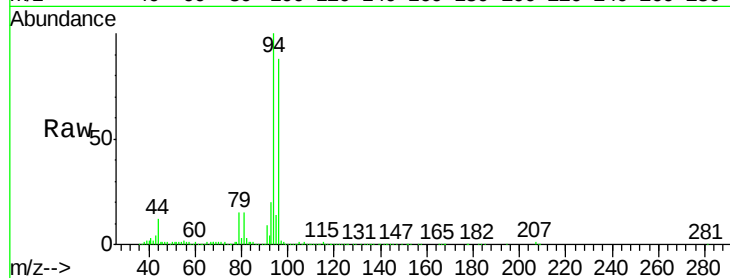
96 87.2 75.9 113.9

Manual Integrations

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#6

Chloroethane

Concen: 21.051 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018938.D

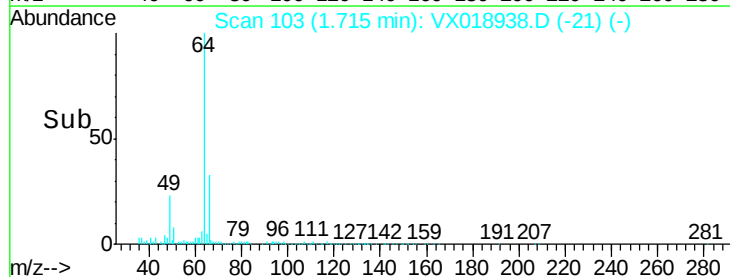
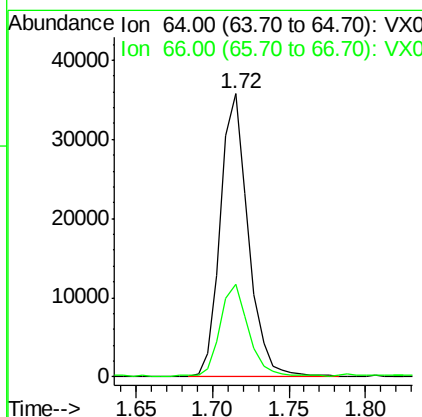
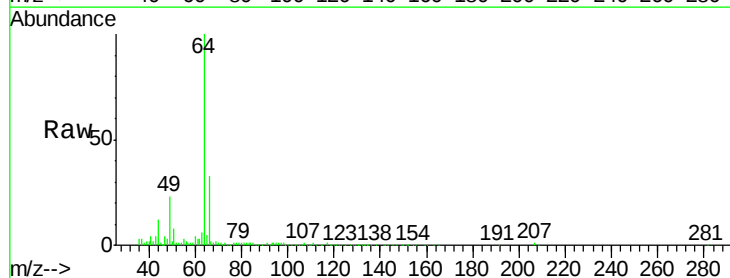
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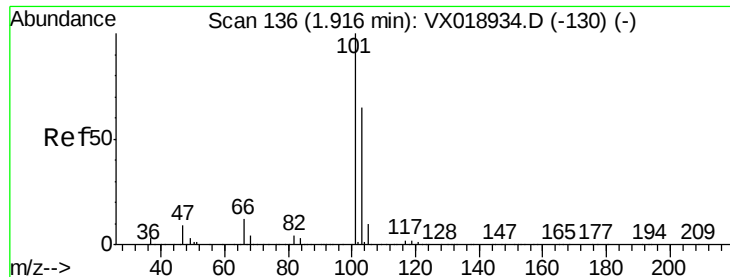
Tgt Ion: 64 Resp: 45097

Ion Ratio Lower Upper

64 100

66 32.3 24.5 36.7





#7

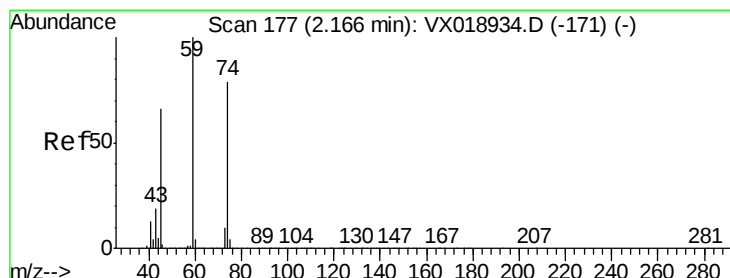
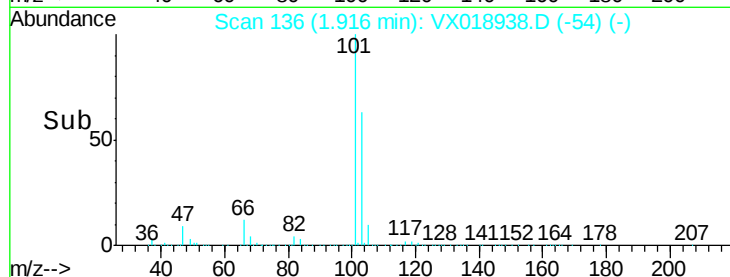
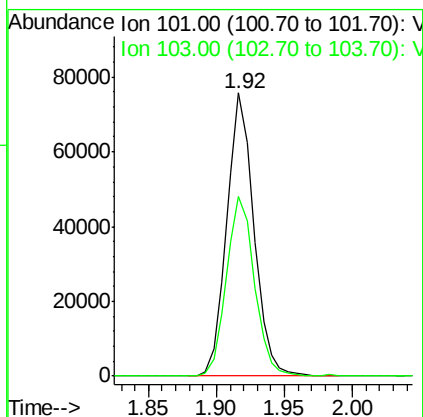
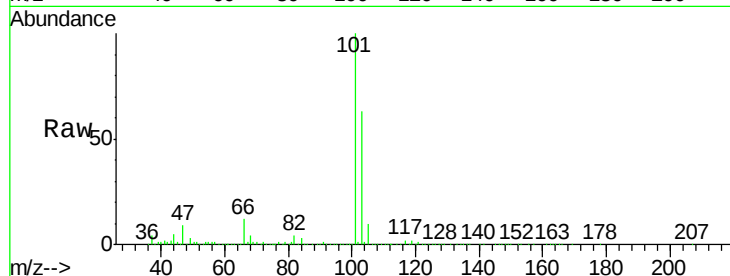
Trichlorofluoromethane
Concen: 21.476 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018938.D
Acq: 15 Oct 2020 17:05

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	51.8	77.6

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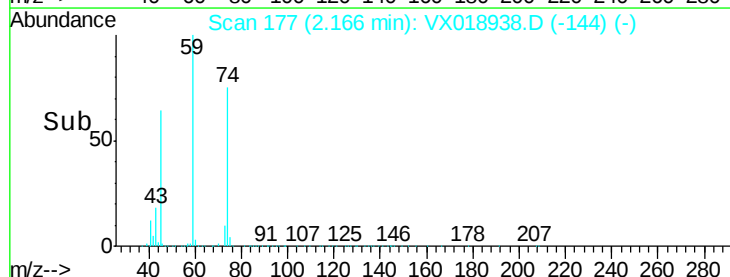
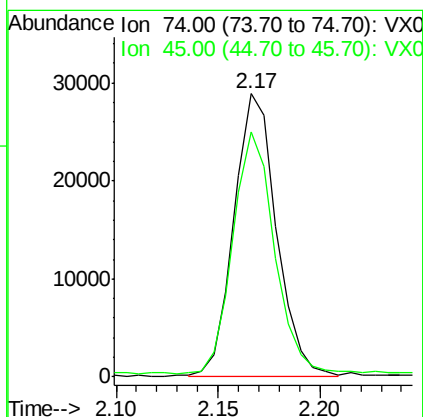
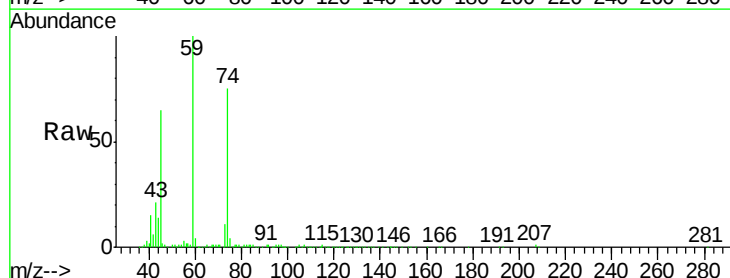
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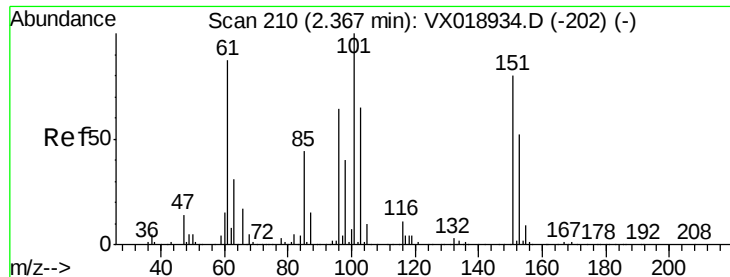


#8

Diethyl Ether
Concen: 21.599 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018938.D
Acq: 15 Oct 2020 17:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	83.6	16.6	149.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.831 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018938.D

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Instrument :

MSVOA_X

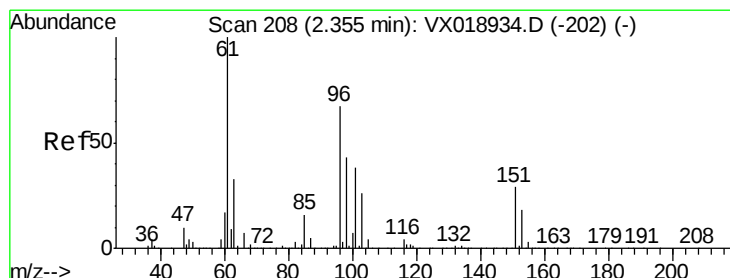
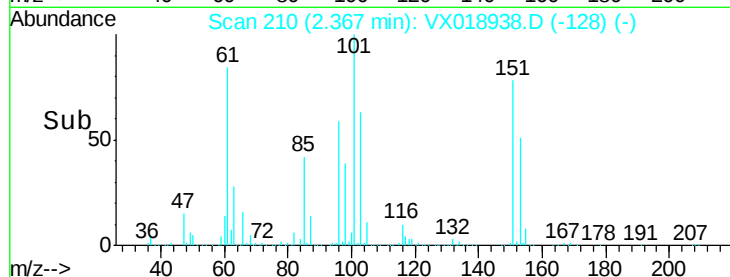
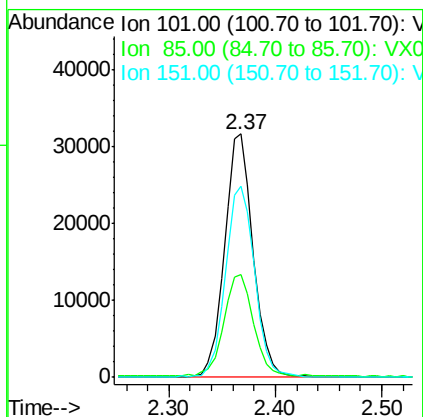
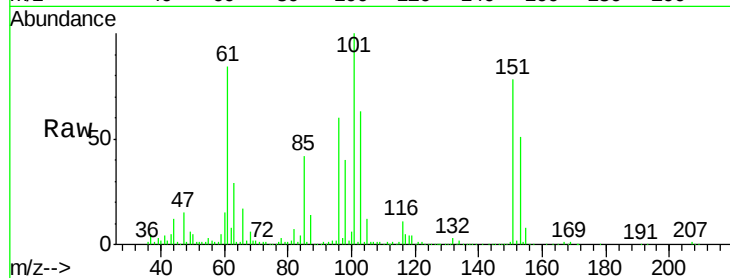
ClientSampleId :

ICVVX101520

Tot Ion:	101	Resp:	59352
Ion Ratio	Lower	Upper	
101	100		
85	42.9	0.0	85.4
151	80.6	0.0	157.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 21.468 ug/l

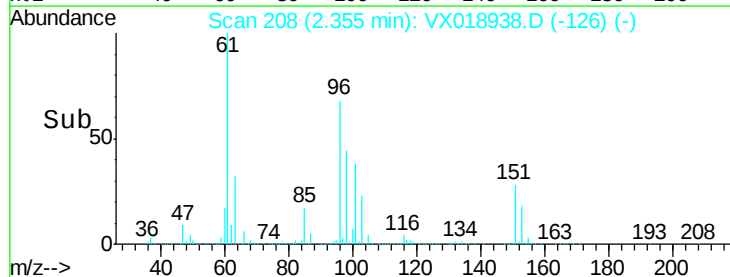
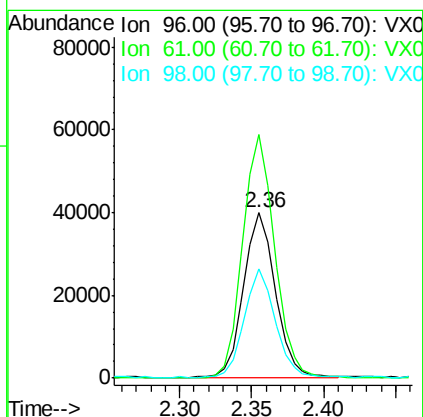
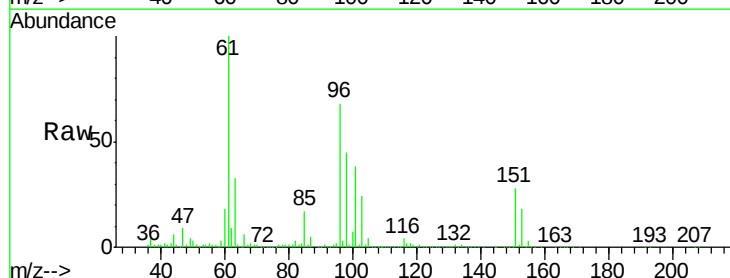
RT: 2.36 min Scan# 208

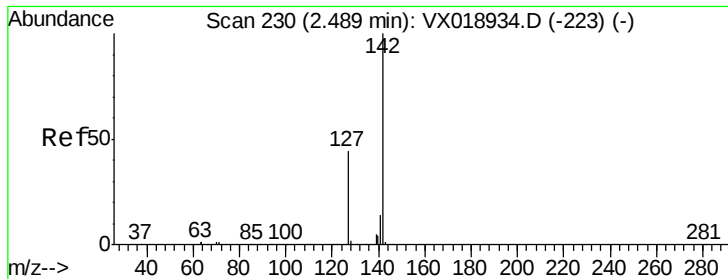
Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Tgt Ion:	96	Resp:	60662
Ion Ratio	Lower	Upper	
96	100		
61	147.7	120.2	180.4
98	65.5	51.4	77.0





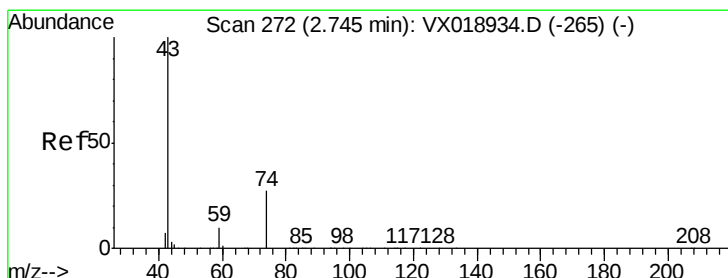
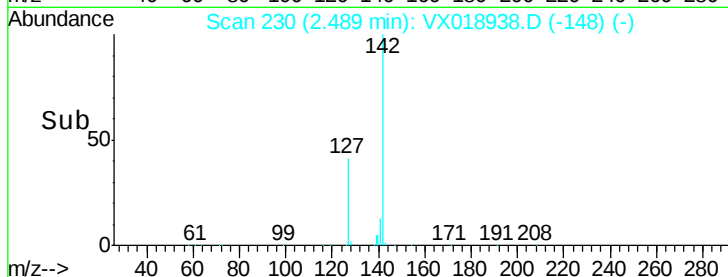
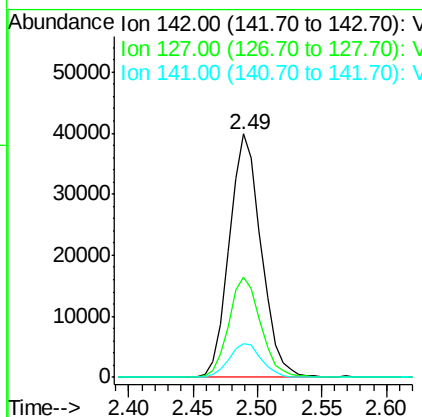
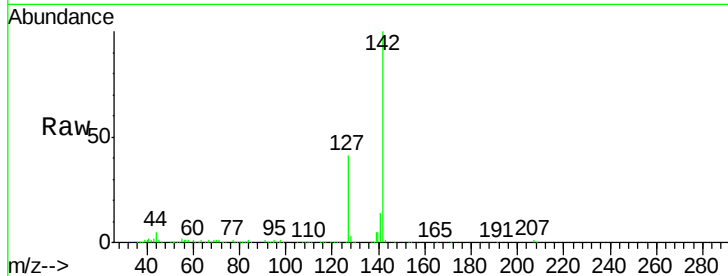
#11
Methvl Iodide
Concen: 20.570 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX018938.D
Acq: 15 Oct 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101520

Tot Ion	Ratio	Lower	Upper
142	100		
127	41.2	22.1	66.1
141	13.6	7.0	21.1

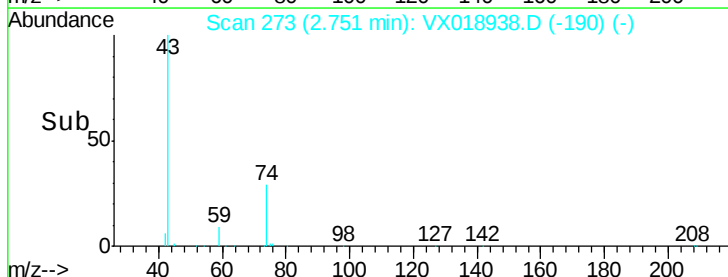
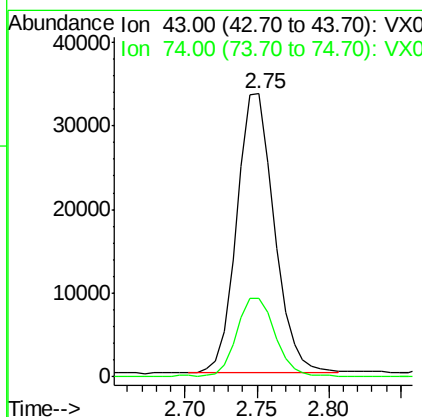
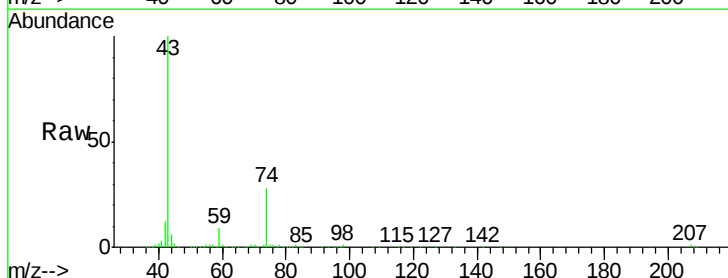
Manual Integrations
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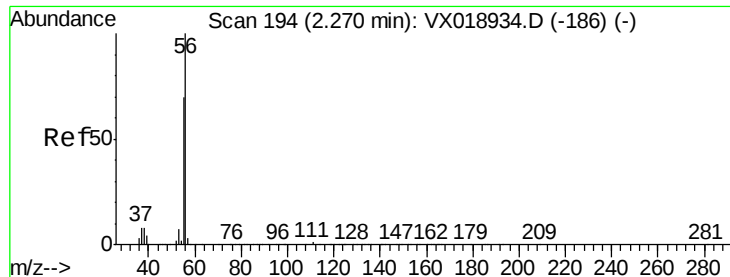
apatel
10/16/2020 2:11:36 PM



#12
Methyl Acetate
Concen: 21.761 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX018938.D
Acq: 15 Oct 2020 17:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.6	21.6	32.4





#13

Acrolein

Concen: 111.816 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101520

Tot Ion: 56 Resp: 59246

Ion Ratio Lower Upper

56 100

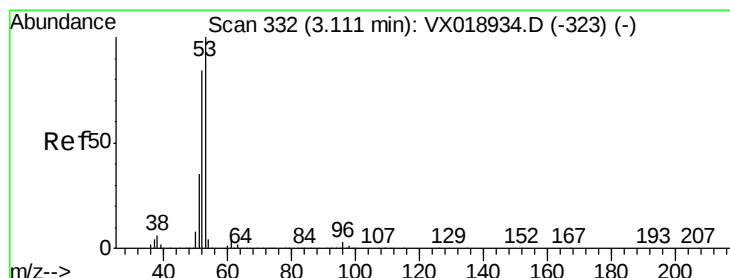
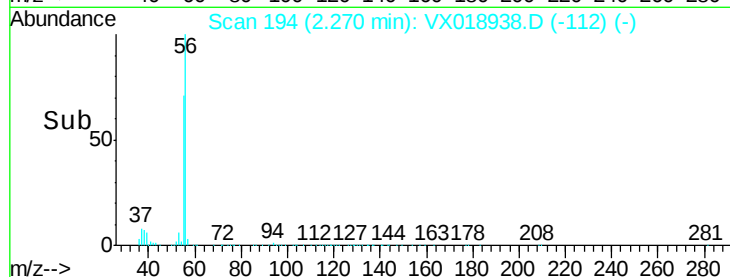
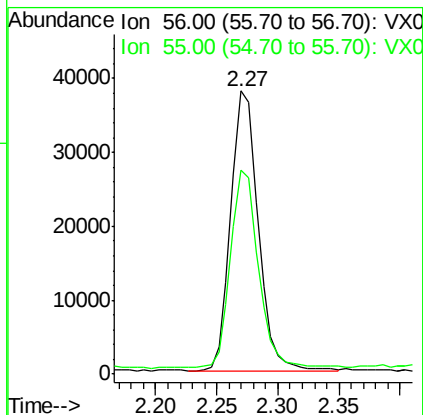
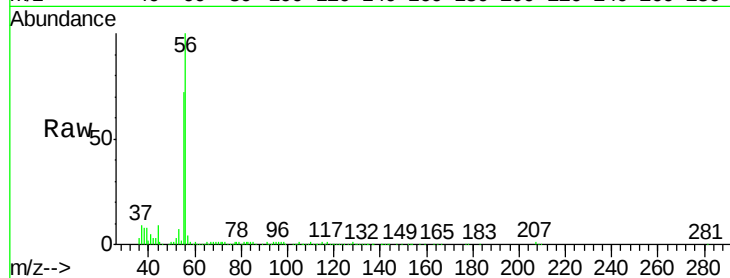
55 70.0 57.1 85.7

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#14

Acrylonitrile

Concen: 108.998 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

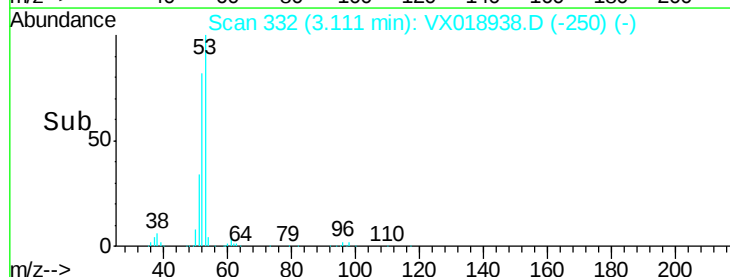
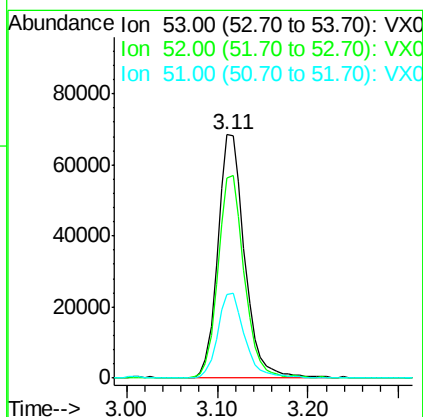
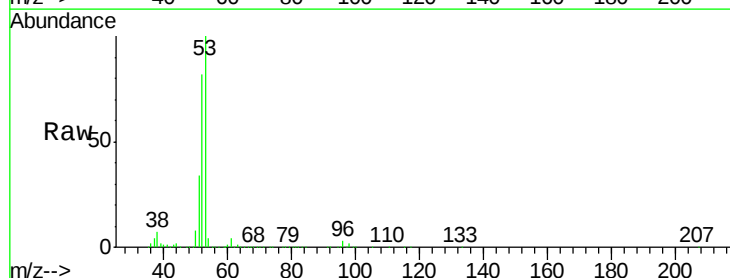
Tgt Ion: 53 Resp: 140513

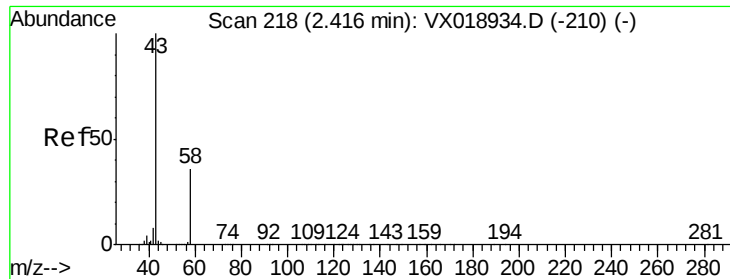
Ion Ratio Lower Upper

53 100

52 81.3 40.3 120.8

51 35.2 17.6 52.8





#15

Acetone

Concen: 115.789 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101520

Tot Ion: 58 Resp: 50242

Ion Ratio Lower Upper

58 100

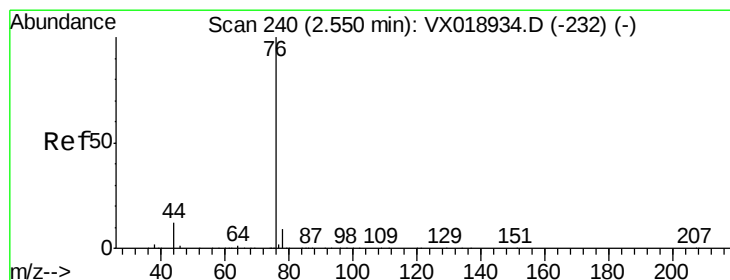
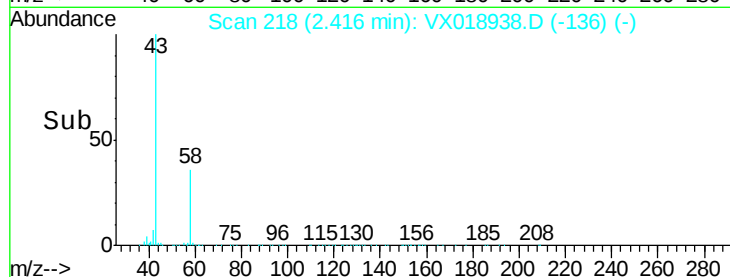
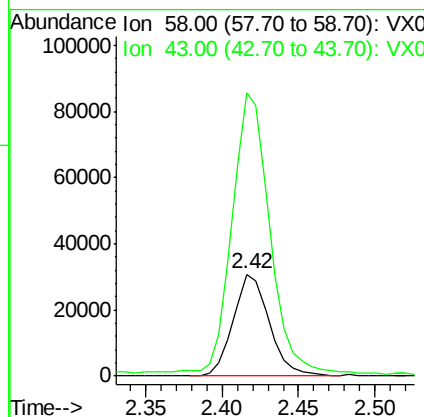
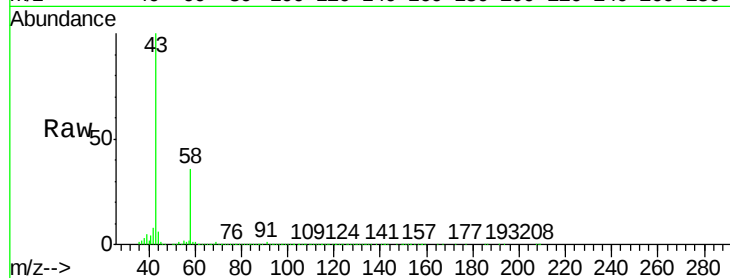
43 275.4 223.8 335.8

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#16

Carbon Disulfide

Concen: 21.840 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018938.D

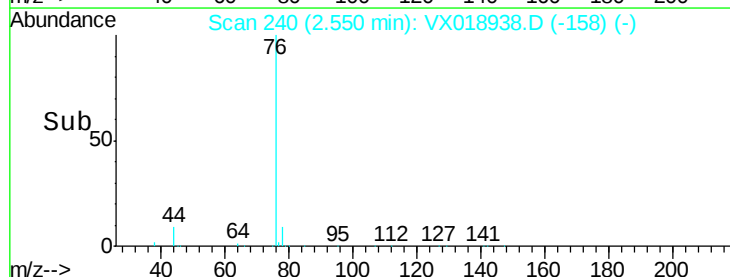
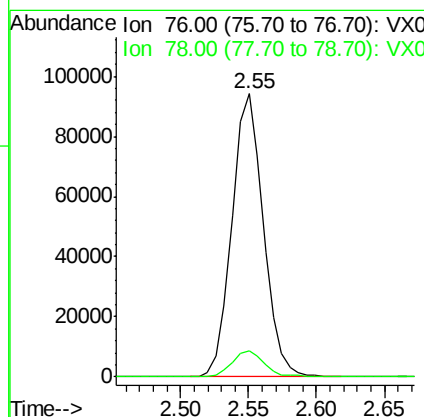
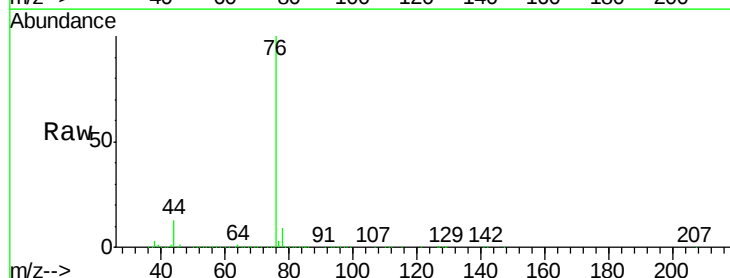
Acq: 15 Oct 2020 17:05

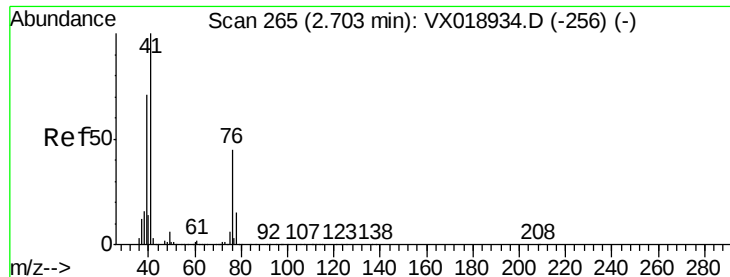
Tgt Ion: 76 Resp: 151347

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2





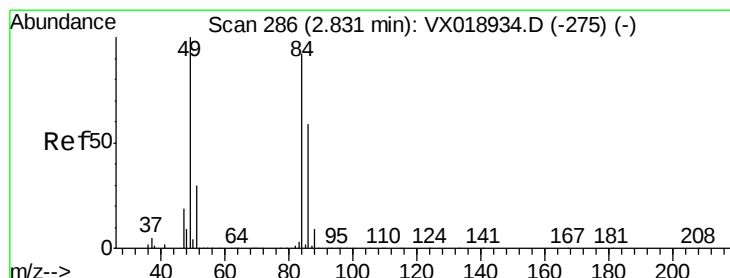
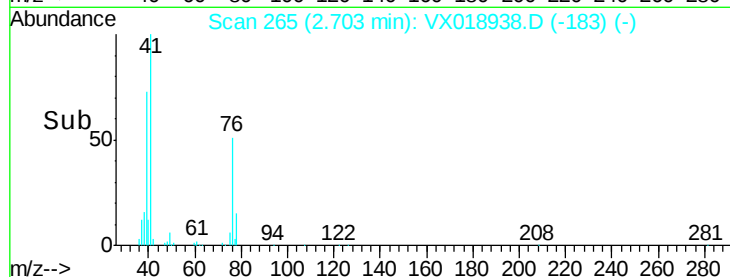
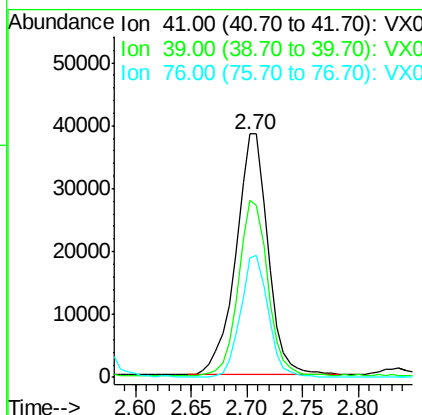
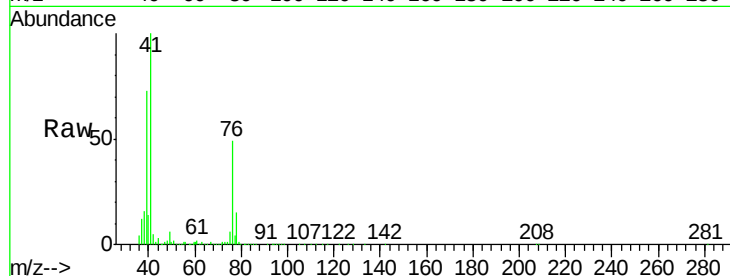
#17
Allvl chloride
Concen: 21.041 ug/l
RT: 2.70 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX018938.D
Acq: 15 Oct 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101520

Tot Ion:	41	Resp:	77151
Ion	Ratio	Lower	Upper
41	100		
39	72.5	35.4	106.3
76	49.7	22.4	67.2

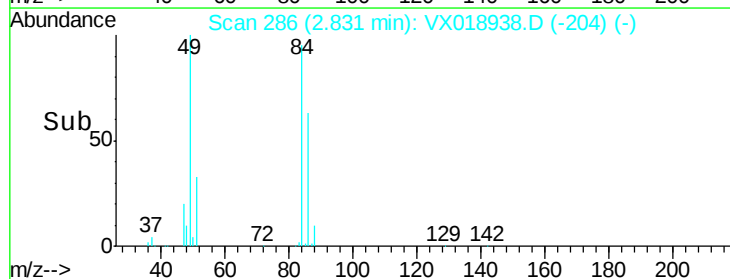
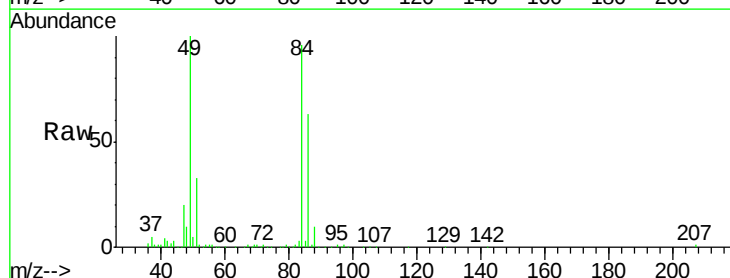
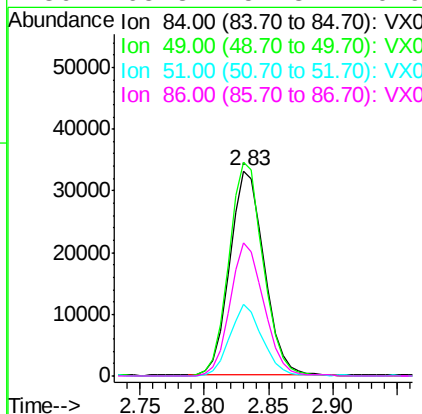
Manual Integrations
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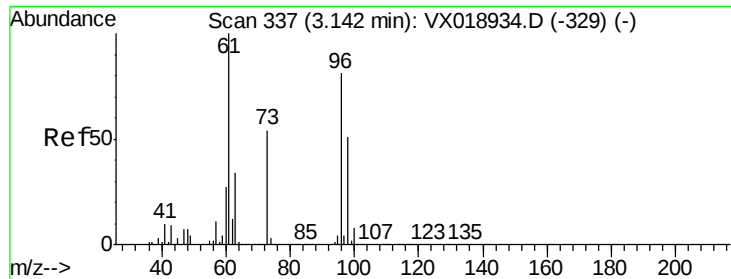
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#18
Methylene Chloride
Concen: 21.586 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018938.D
Acq: 15 Oct 2020 17:05

Tgt Ion:	84	Resp:	61466
Ion	Ratio	Lower	Upper
84	100		
49	104.7	87.2	130.8
51	34.5	25.9	38.9
86	65.3	51.3	76.9





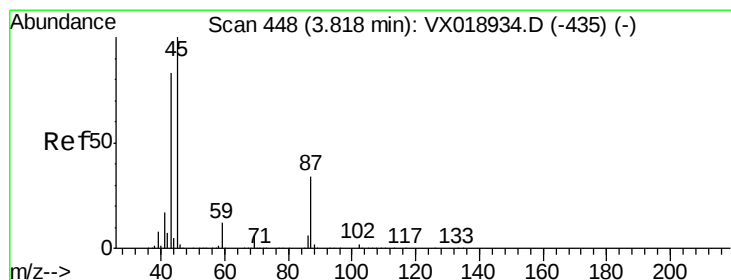
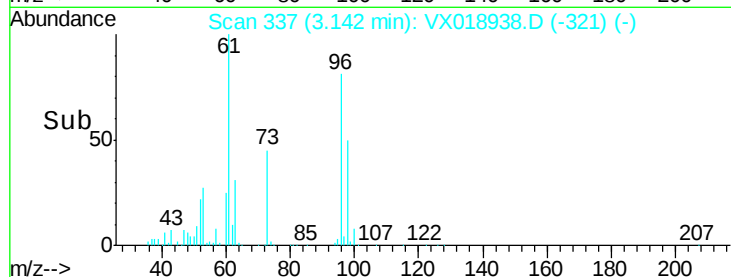
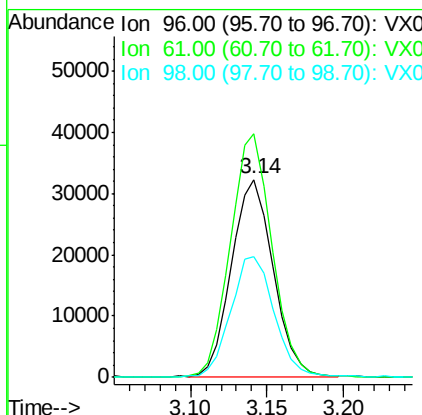
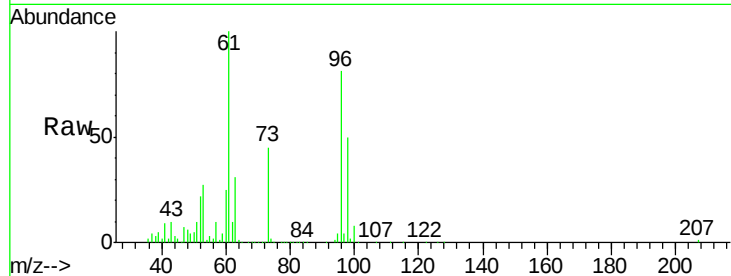
#19
trans-1,2-Dichloroethene
Concen: 21.483 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX018938.D
Acq: 15 Oct 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101520

Tot Ion	Ratio	Lower	Upper
96	100		
61	123.1	98.6	147.8
98	60.8	50.3	75.5

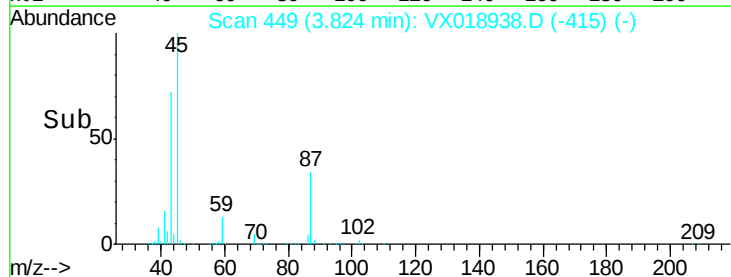
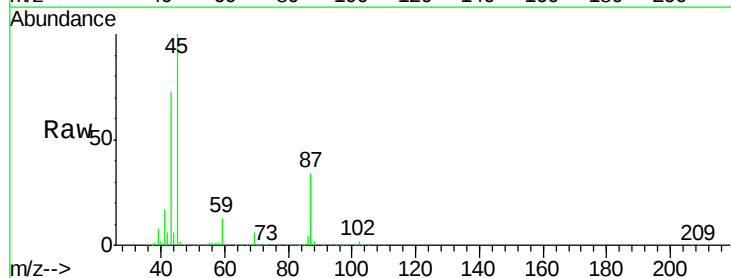
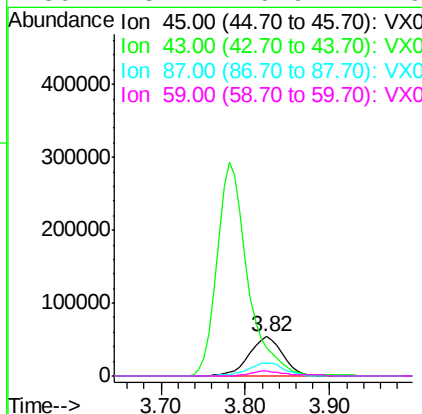
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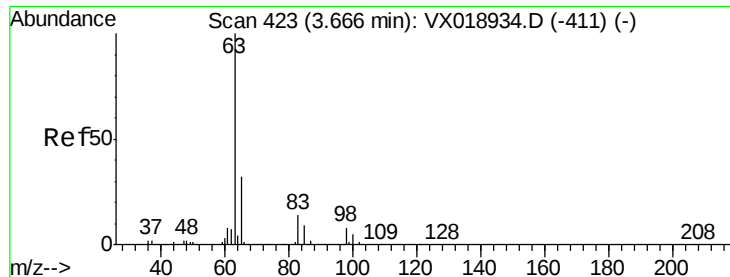
apatel
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#20
Diisopropyl ether
Concen: 21.508 ug/l
RT: 3.82 min Scan# 449
Delta R.T. 0.01 min
Lab File: VX018938.D
Acq: 15 Oct 2020 17:05

Tgt Ion	Ratio	Lower	Upper
45	100		
43	71.3	69.7	104.5
87	34.2	26.9	40.3
59	13.4	9.9	14.9





#21

1,1-Dichloroethane

Concen: 21.425 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Instrument :

MSVOA_X

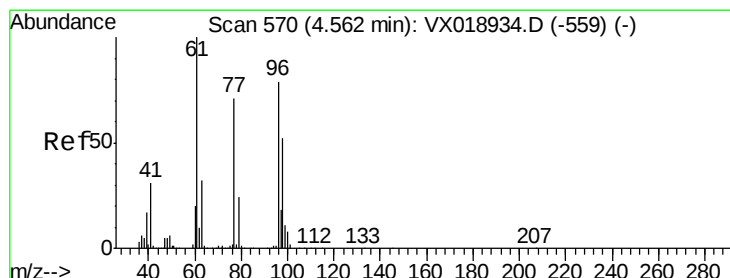
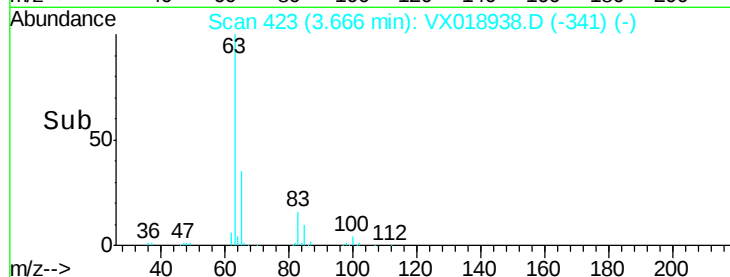
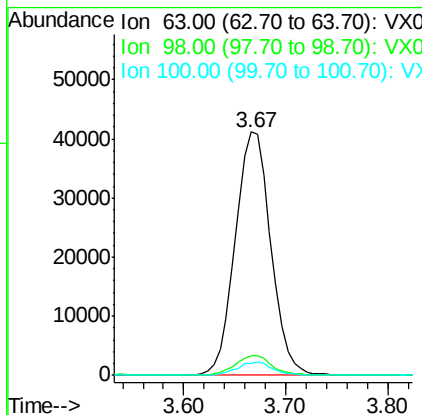
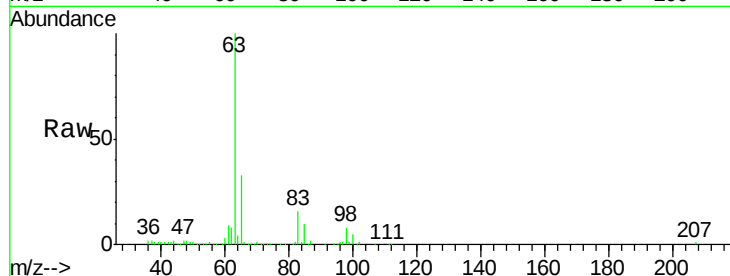
ClientSampled :

ICVVX101520

Tot Ion:	63	Resp:	99637
Ion Ratio	Lower	Upper	
63	100		
98	8.0	4.0	11.9
100	5.0	2.5	7.6

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 21.640 ug/l

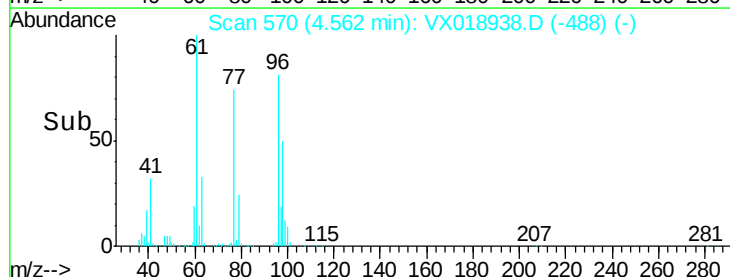
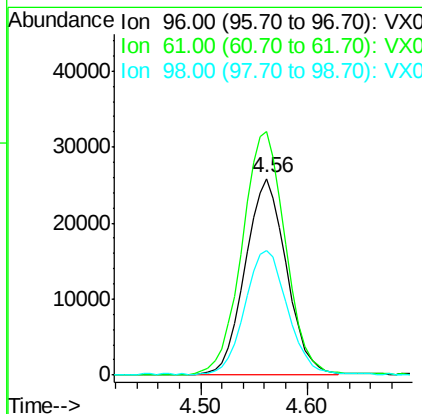
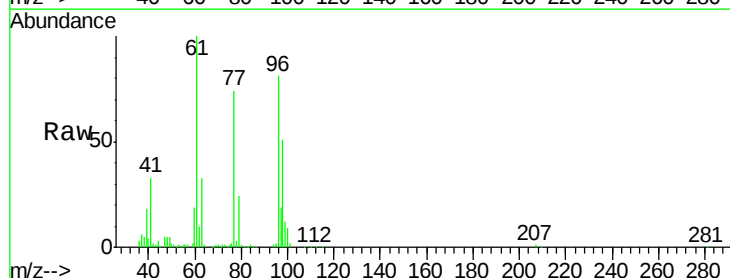
RT: 4.56 min Scan# 570

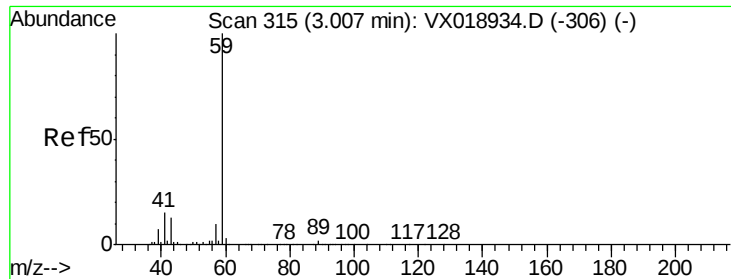
Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Tgt Ion:	96	Resp:	69727
Ion Ratio	Lower	Upper	
96	100		
61	131.0	107.7	161.5
98	65.4	51.9	77.9





#23

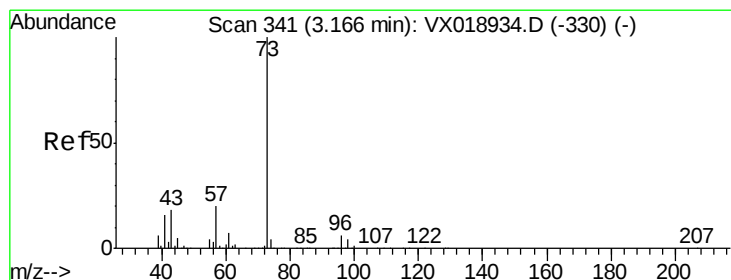
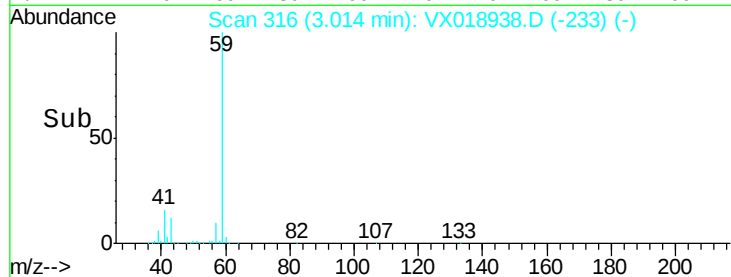
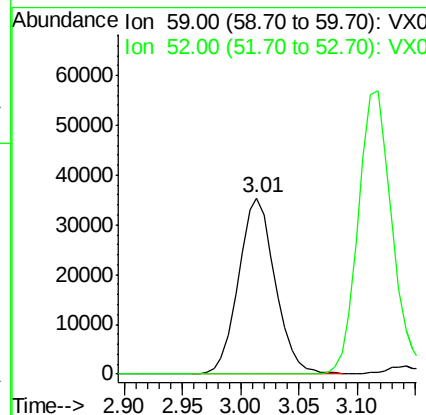
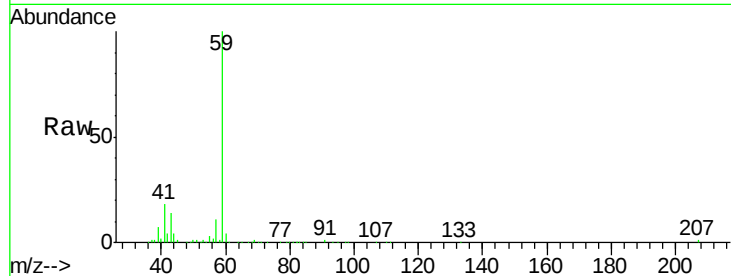
tert-Butyl Alcohol
 Concen: 108.227 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX018938.D
 Acq: 15 Oct 2020 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101520

Tot Ion	59	52	Ratio	100	0.2	Resp:	77676	Lower	Upper
Ion	59	52	Ratio	100	0.2	Resp:	77676	Lower	Upper

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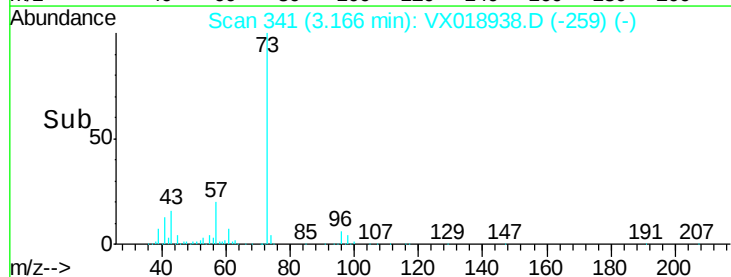
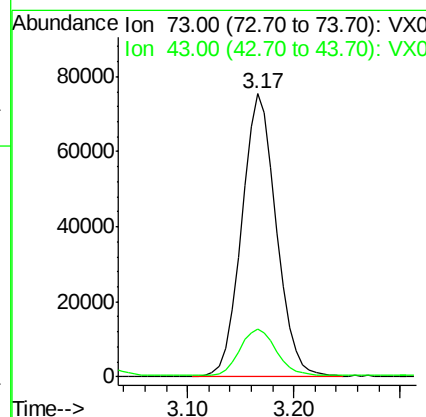
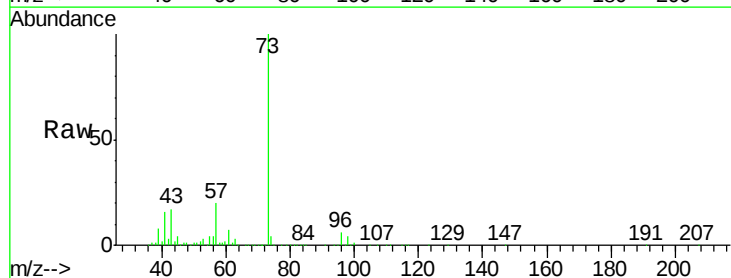
apatel
 10/16/2020 2:11:36 PM

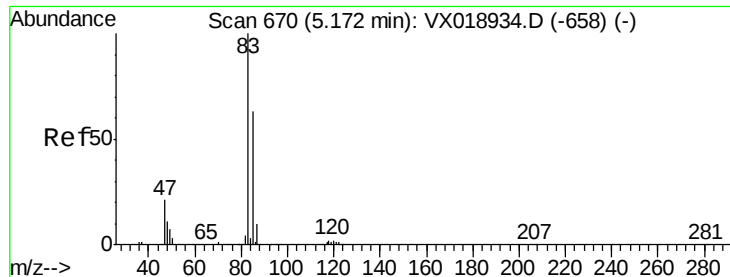


#24

Methyl tert-Butyl Ether
 Concen: 21.905 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018938.D
 Acq: 15 Oct 2020 17:05

Tgt Ion	73	43	Ratio	100	17.3	Resp:	170920	Lower	Upper
Ion	73	43	Ratio	100	17.3	Resp:	170920	Lower	Upper





#25

Chloroform

Concen: 21.490 ug/l

RT: 5.17 min Scan# 670

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101520

Tot Ion: 83 Resp: 106086

Ion Ratio Lower Upper

83 100

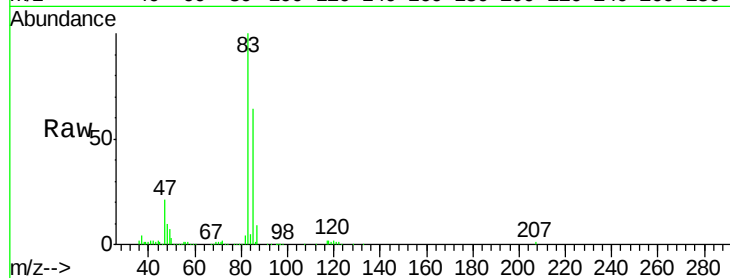
85 63.9 50.3 75.5

Manual Integrations

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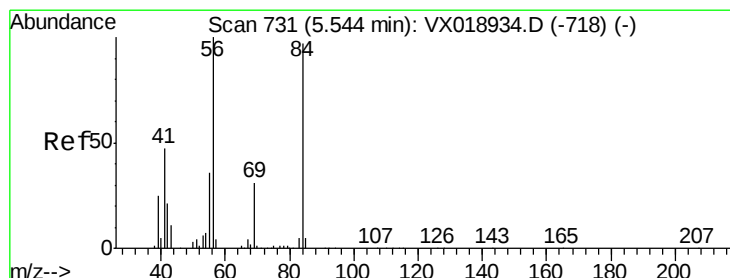
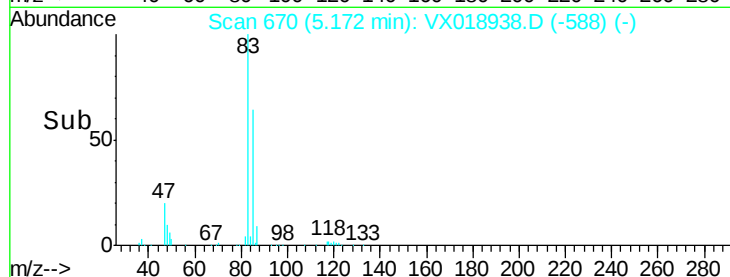
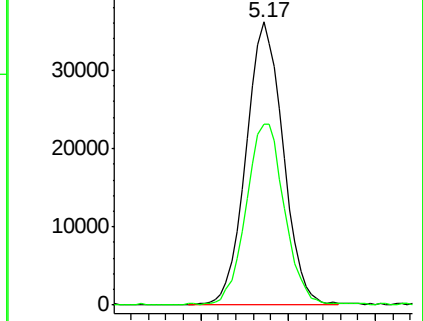
apatel

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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 21.076 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

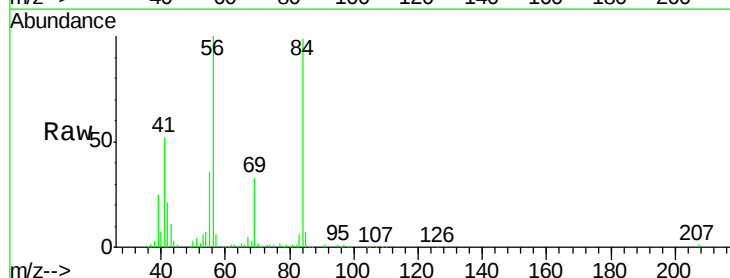
Tgt Ion: 56 Resp: 78904

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

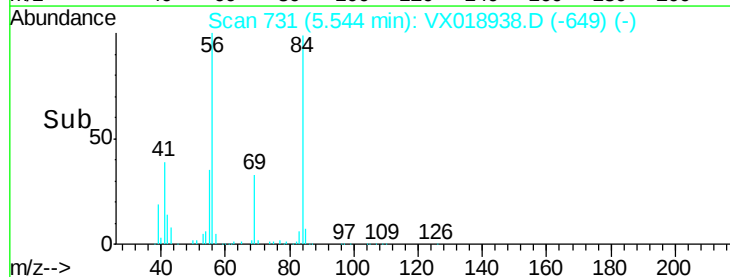
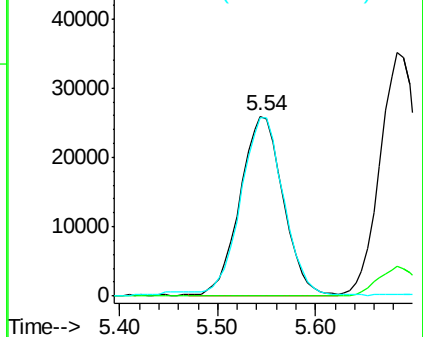
84 98.9 78.0 117.0

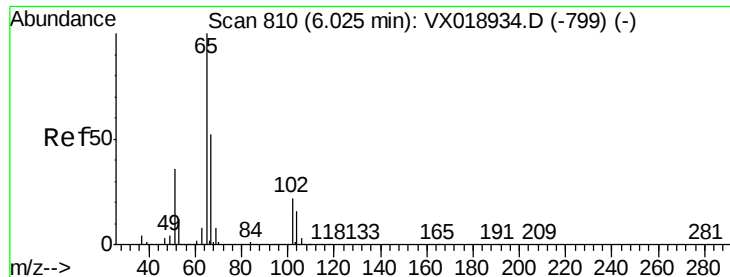


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 30.284 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Tot Ion: 65 Resp: 91182

Ion Ratio Lower Upper

65 100

67 53.3 42.1 63.1

Instrument :

MSVOA_X

ClientSampleId :

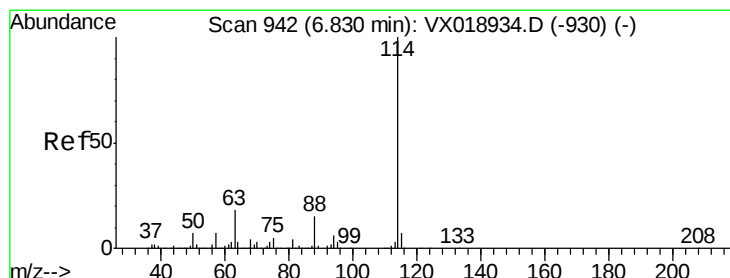
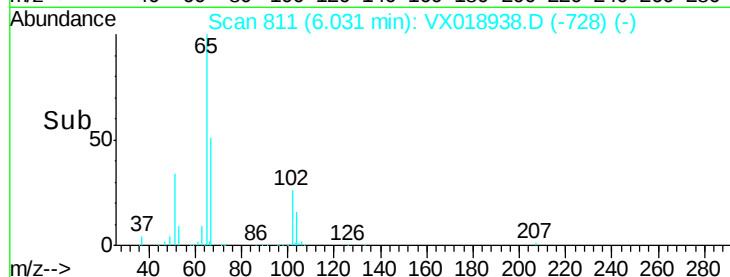
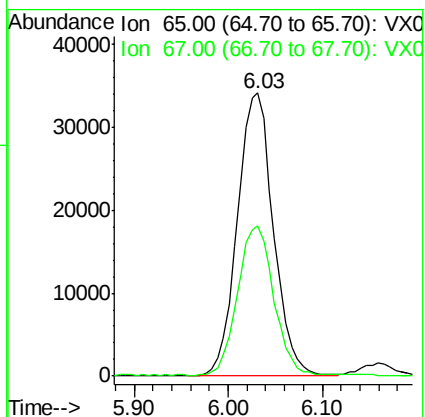
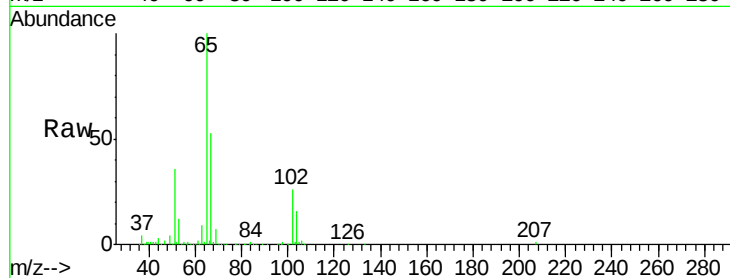
ICVVX101520

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

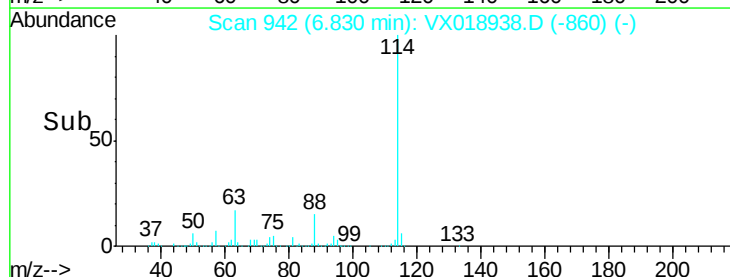
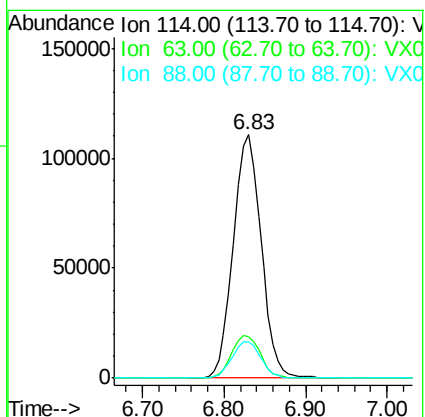
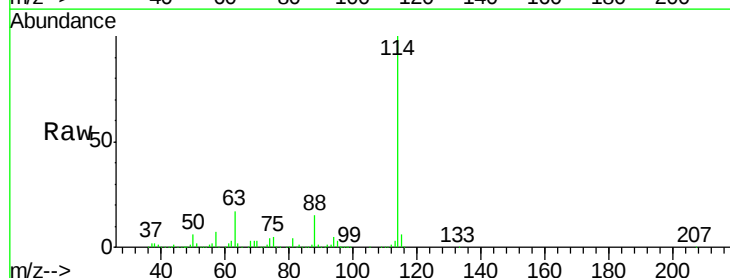
Tgt Ion: 114 Resp: 262931

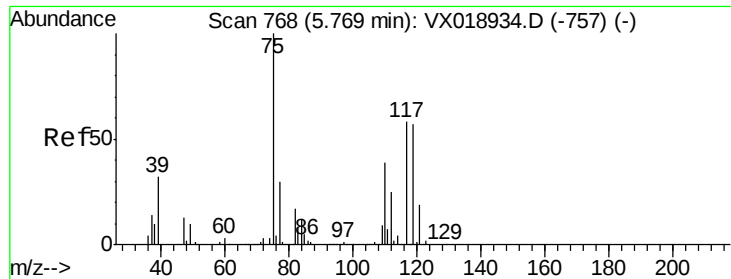
Ion Ratio Lower Upper

114 100

63 18.0 14.6 21.8

88 15.4 12.3 18.5





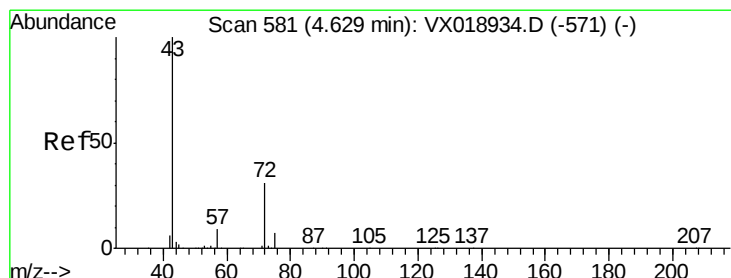
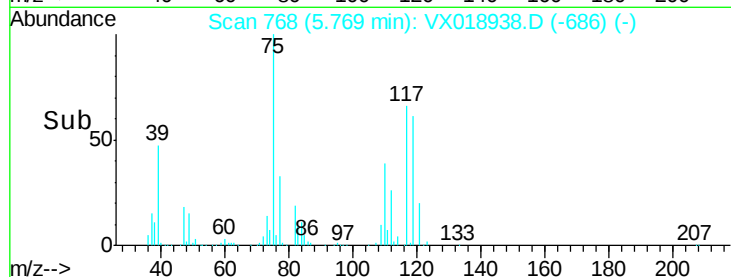
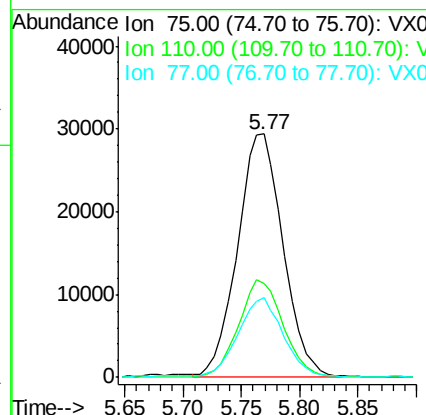
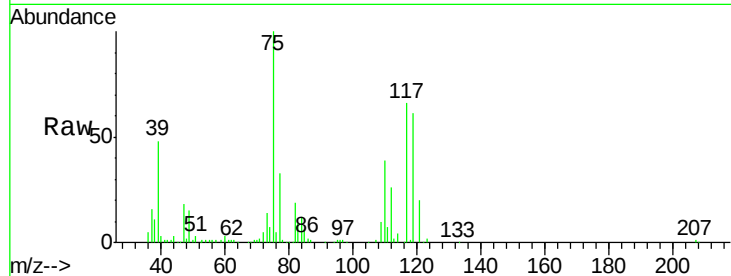
#29
 1,1-Dichloropropene
 Concen: 21.036 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX018938.D
 Acq: 15 Oct 2020 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101520

Tot Ion:	75	Resp:	80191
Ion Ratio	Lower	Upper	
75	100		
110	39.5	0.0	79.2
77	32.2	0.0	62.6

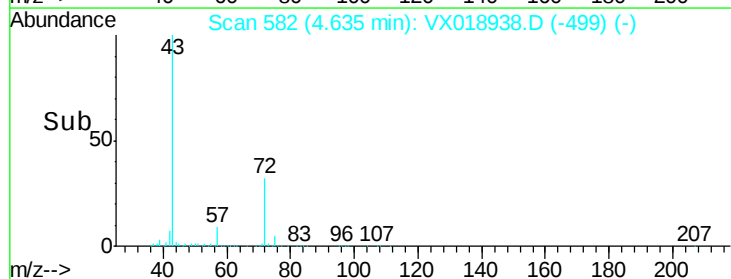
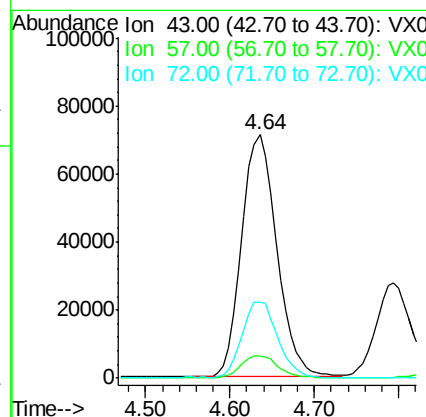
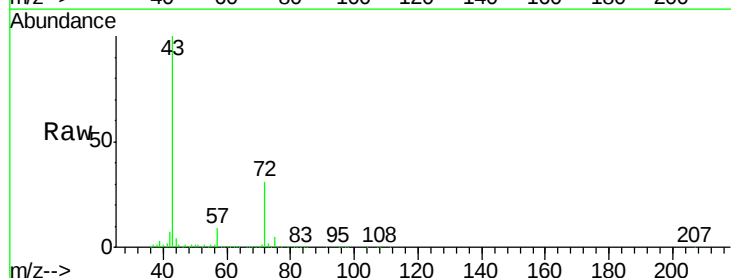
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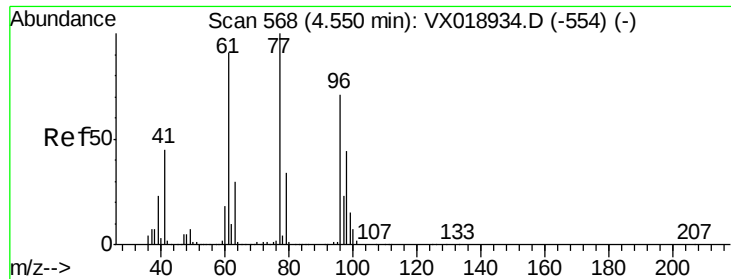
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#30
 2-Butanone
 Concen: 106.350 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: VX018938.D
 Acq: 15 Oct 2020 17:05

Tgt Ion:	43	Resp:	202031
Ion Ratio	Lower	Upper	
43	100		
57	9.5	7.0	10.6
72	31.4	25.6	38.4





#31

2,2-Dichloropropane

Concen: 21.051 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101520

Tot Ion: 77 Resp: 94536

Ion Ratio Lower Upper

77 100

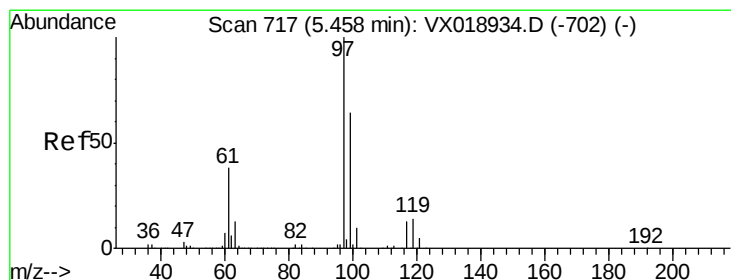
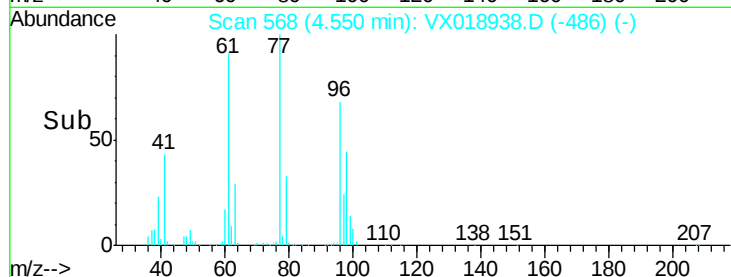
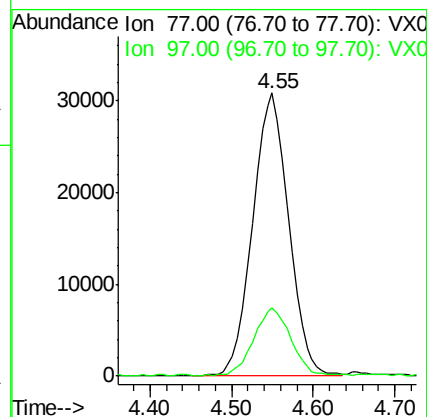
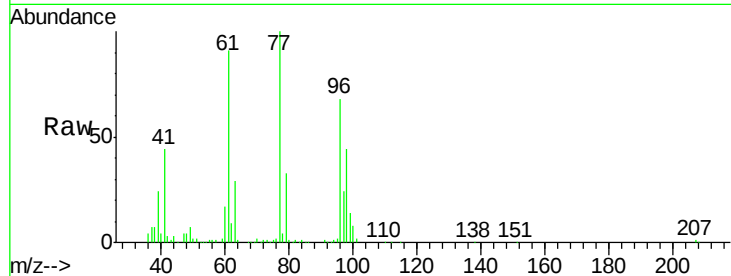
97 24.0 19.0 28.6

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#32

1,1,1-Trichloroethane

Concen: 20.965 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

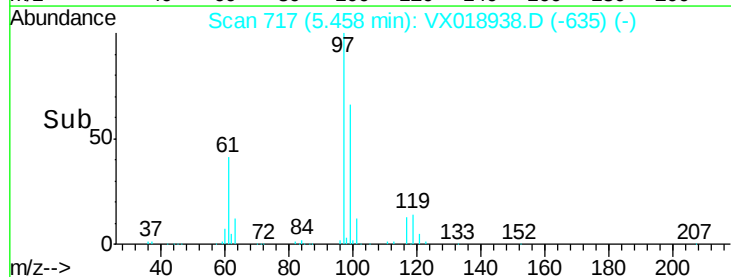
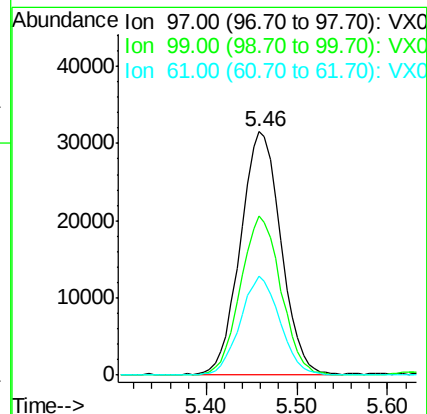
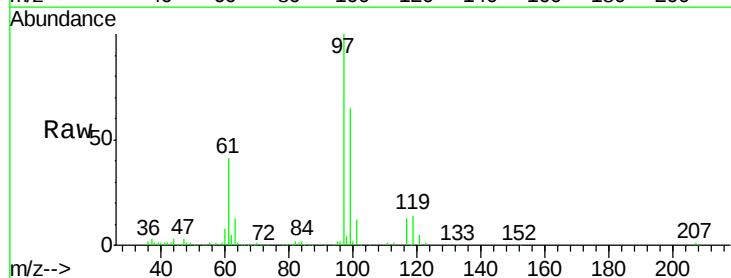
Tgt Ion: 97 Resp: 96999

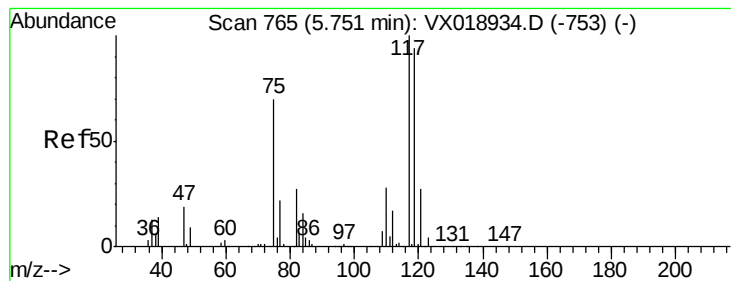
Ion Ratio Lower Upper

97 100

99 65.6 52.6 78.8

61 39.8 31.5 47.3





#33

Carbon Tetrachloride

Concen: 21.185 ug/l

RT: 5.75 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Instrument :

MSVOA_X

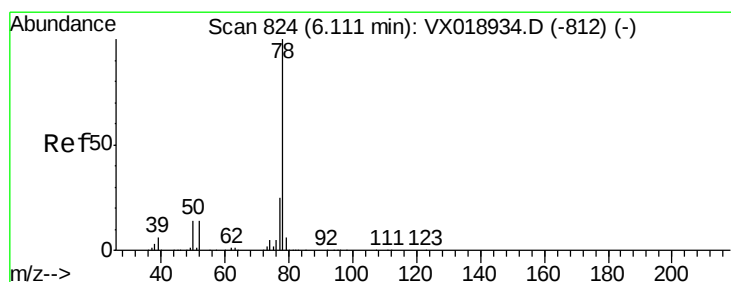
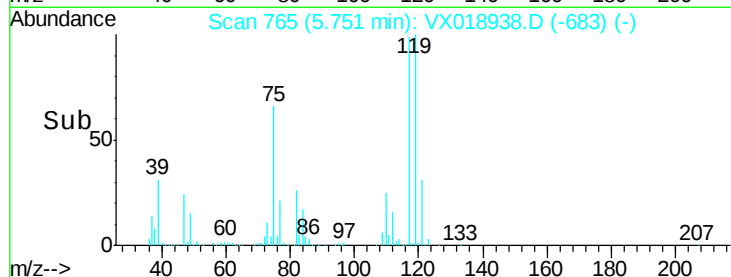
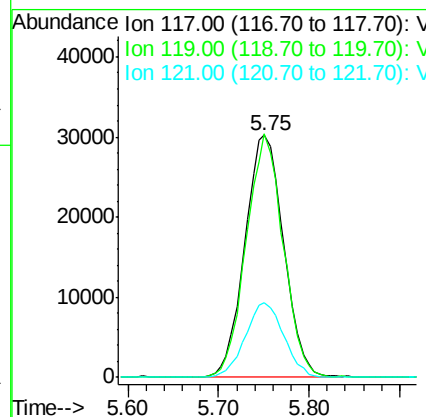
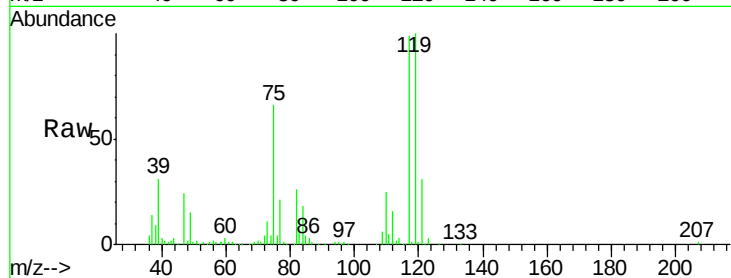
ClientSampleId :

ICVVX101520

Tot Ion:	117	Resp:	89830
Ion	Ratio	Lower	Upper
117	100		
119	100.6	75.0	112.4
121	30.9	21.8	32.8

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#34

Benzene

Concen: 21.570 ug/l

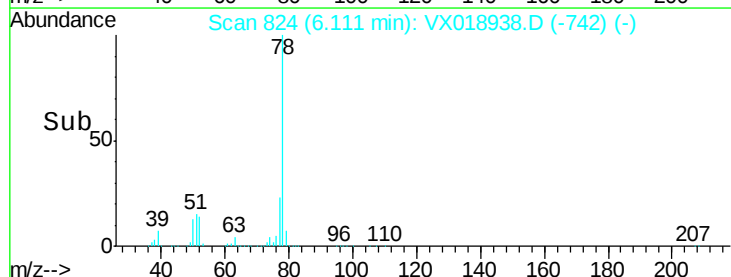
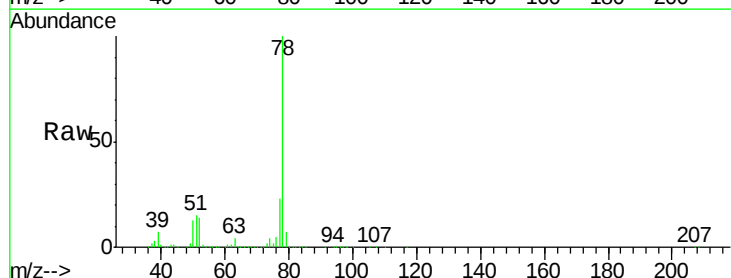
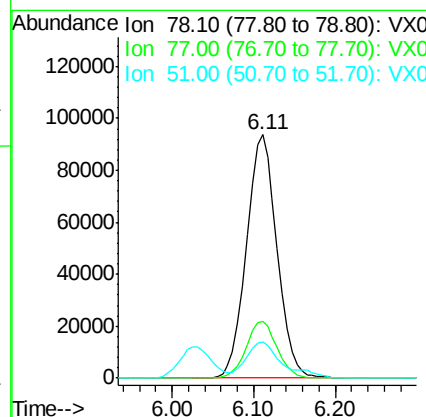
RT: 6.11 min Scan# 824

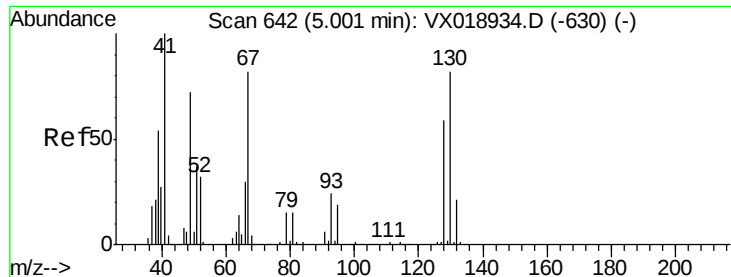
Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Tgt Ion:	78	Resp:	243685
Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.7	29.5
51	14.5	12.0	18.0





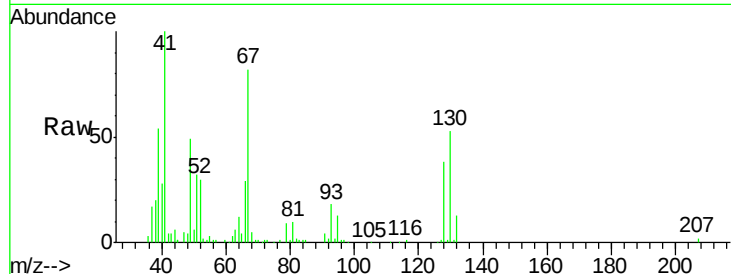
#35
Methacrylonitrile
Concen: 21.391 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX018938.D
Acq: 15 Oct 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101520

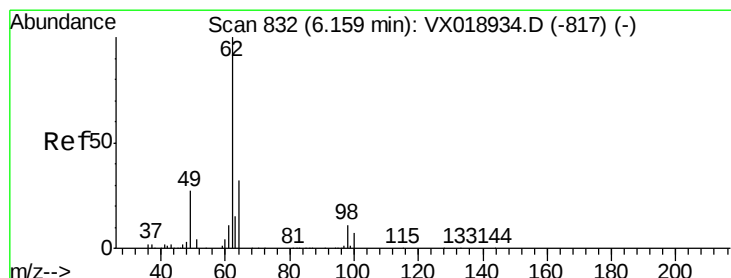
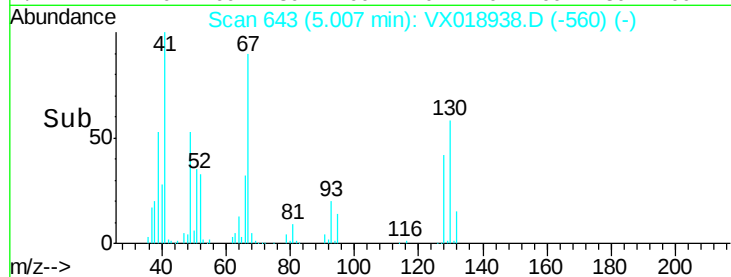
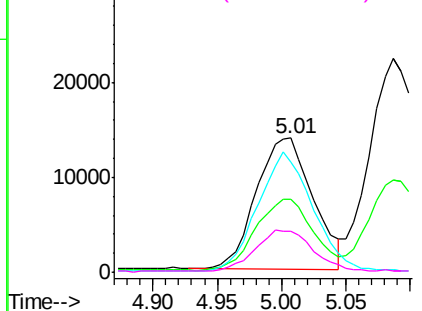
Tot Ion:	41	Resp:	42053
Ion	Ratio	Lower	Upper
41	100		
39	53.7	27.0	81.0
67	83.3	41.1	123.3
52	30.3	16.0	48.0

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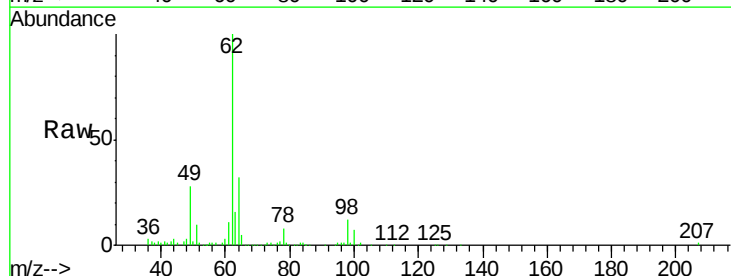


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

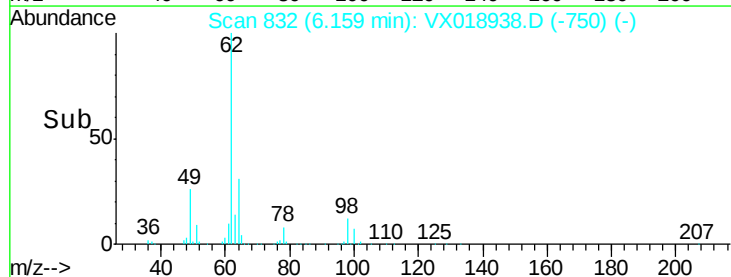
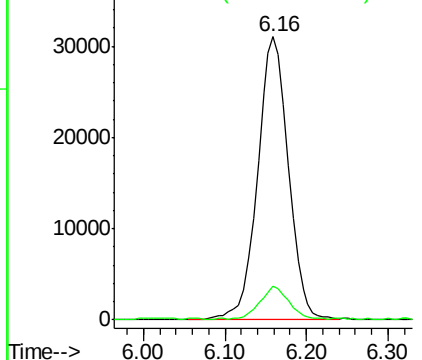


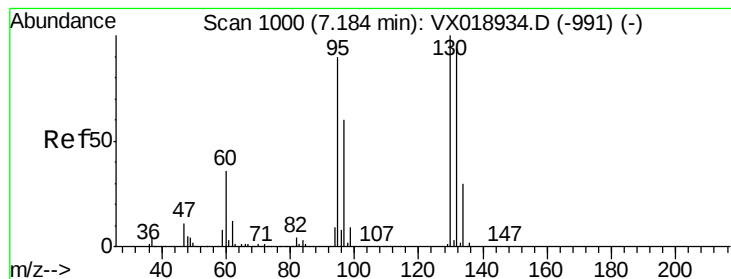
#36
1,2-Dichloroethane
Concen: 22.038 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX018938.D
Acq: 15 Oct 2020 17:05

Tgt Ion:	62	Resp:	81845
Ion	Ratio	Lower	Upper
62	100		
98	10.8	8.9	13.3



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 21.150 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101520

Tot Ion:130 Resp: 70124

Ion Ratio Lower Upper

130 100

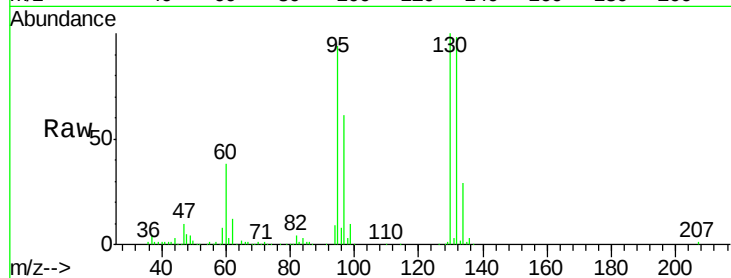
95 93.3 71.8 107.6

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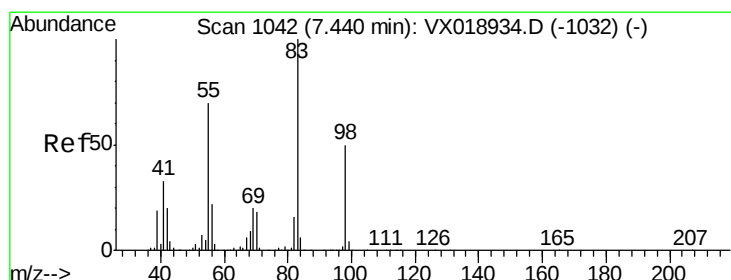
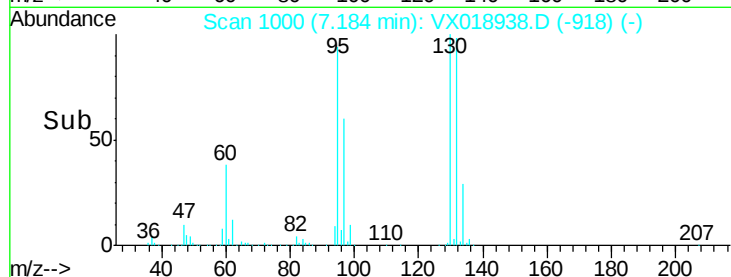
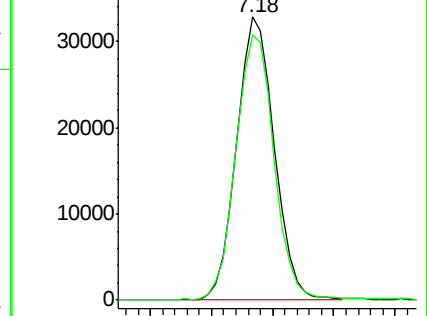
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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 21.679 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

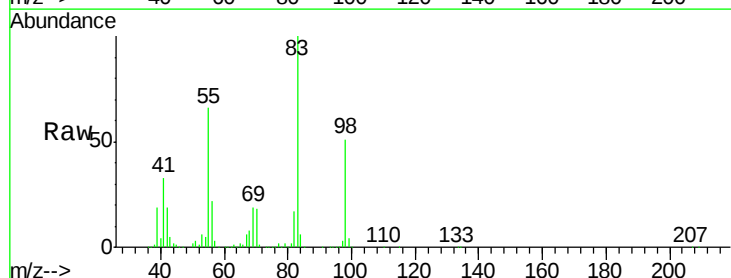
Tgt Ion: 83 Resp: 94221

Ion Ratio Lower Upper

83 100

55 67.6 34.8 104.4

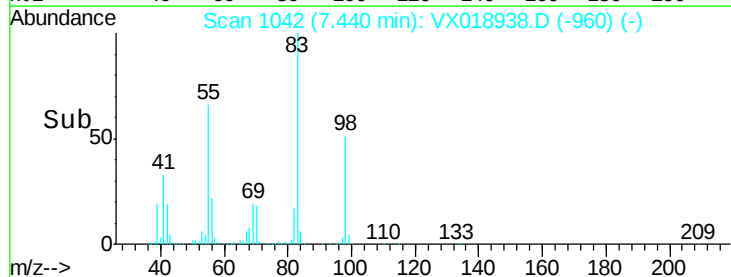
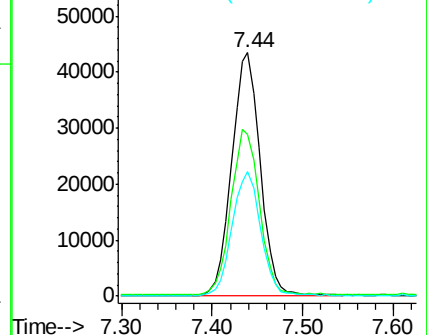
98 50.9 25.8 77.4

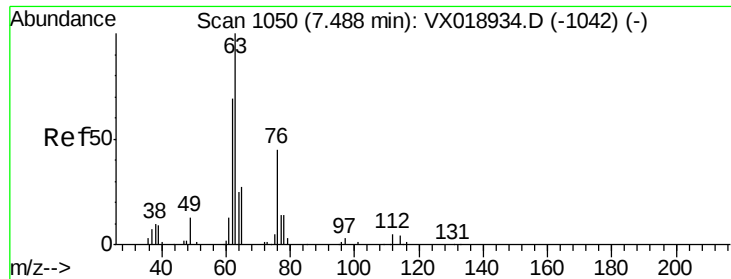


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





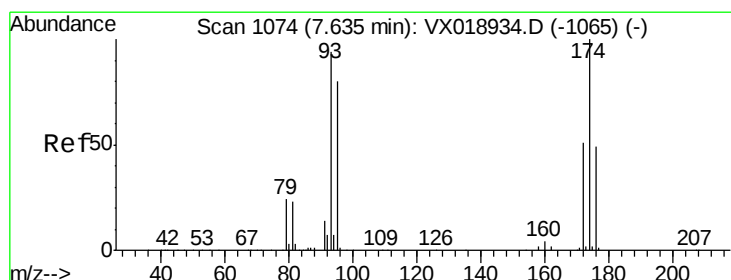
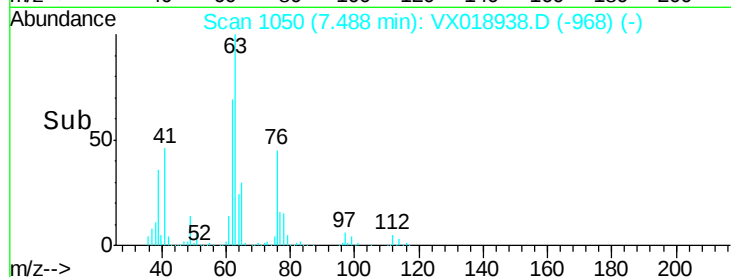
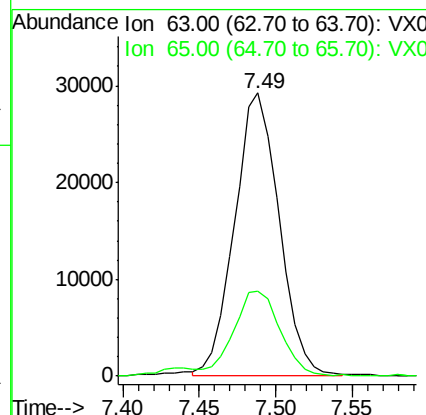
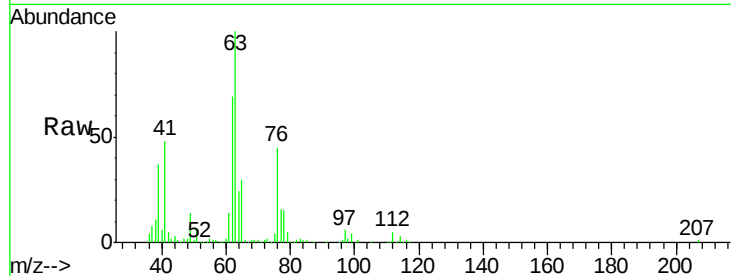
#39
 1,2-Dichloropropane
 Concen: 21.464 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018938.D
 Acq: 15 Oct 2020 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101520

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.6	23.0	34.6

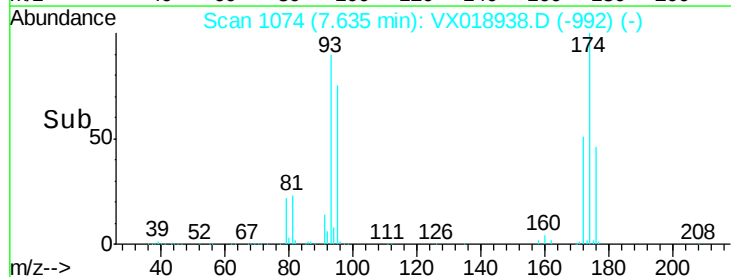
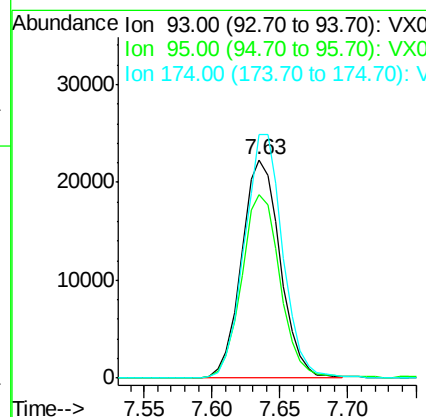
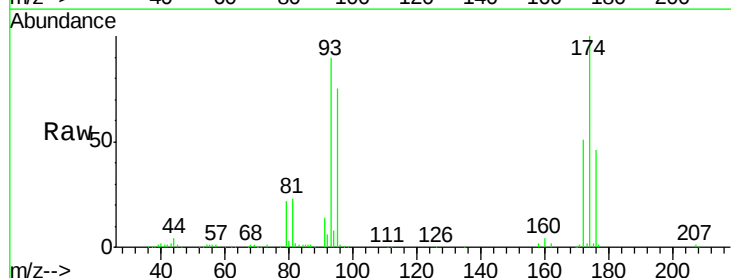
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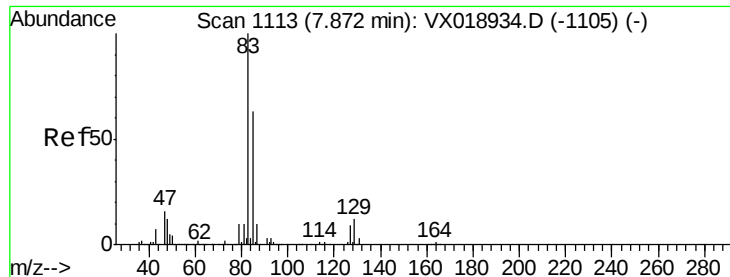
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#40
 Dibromomethane
 Concen: 21.862 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX018938.D
 Acq: 15 Oct 2020 17:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	0.0	164.0
174	110.5	0.0	214.6





#41

Bromodichloromethane

Concen: 21.338 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Instrument :

MSVOA_X

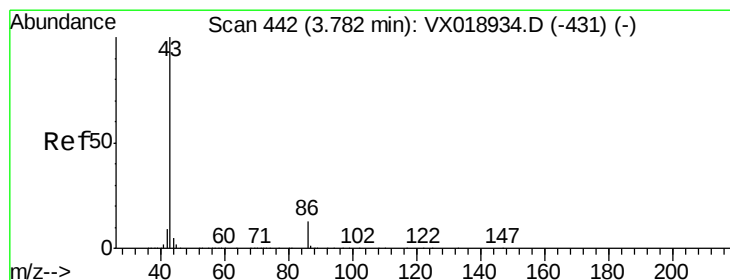
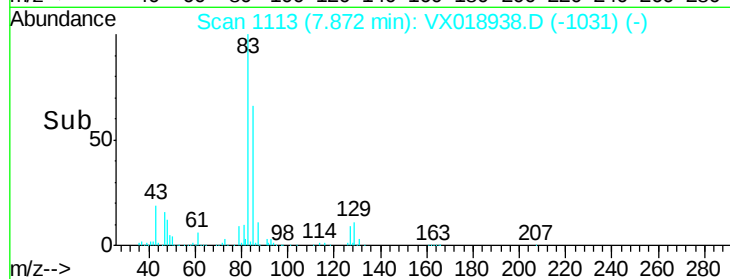
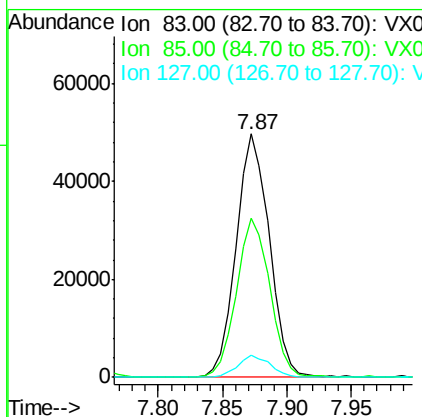
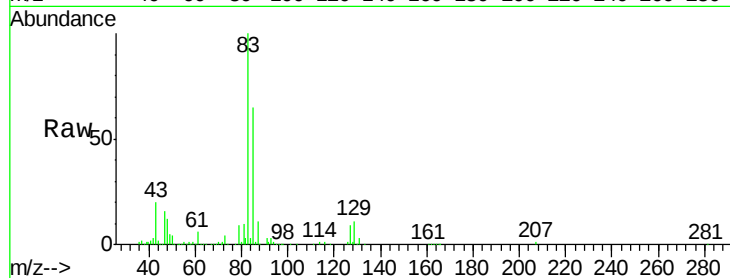
ClientSampleId :

ICVVX101520

Tot Ion:	83	Resp:	88159
Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.4	75.6
127	9.2	7.5	11.3

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#42

Vinyl Acetate

Concen: 107.221 ug/l

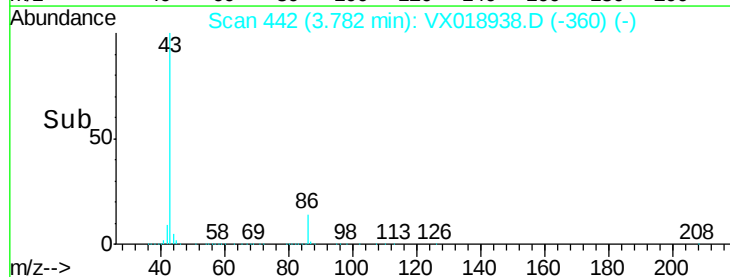
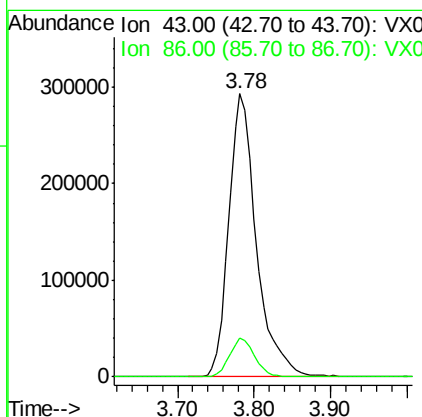
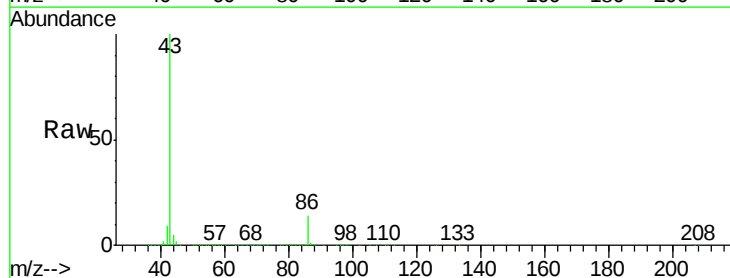
RT: 3.78 min Scan# 442

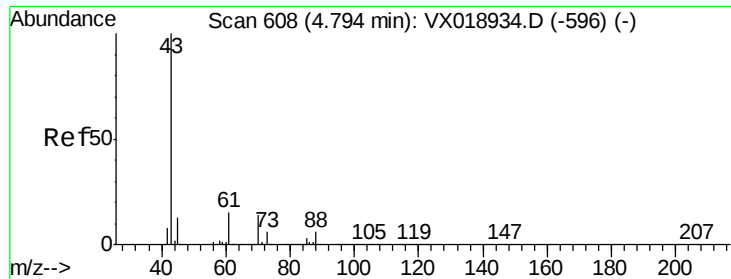
Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Tgt Ion:	43	Resp:	729568
Ion	Ratio	Lower	Upper
43	100		
86	12.5	9.8	14.8





#43

Ethyl Acetate

Concen: 20.813 ug/l

RT: 4.79 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101520

Tot Ion: 43 Resp: 81829

Ion Ratio Lower Upper

43 100

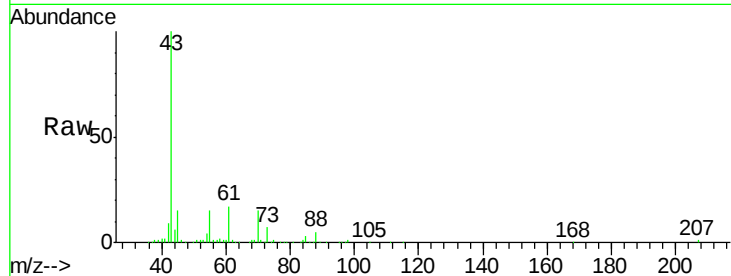
45 14.9 11.5 17.3

Manual Integrations

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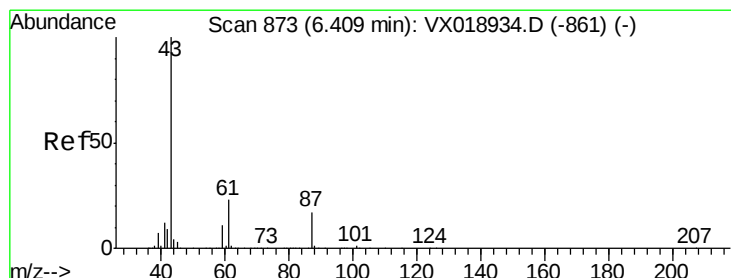
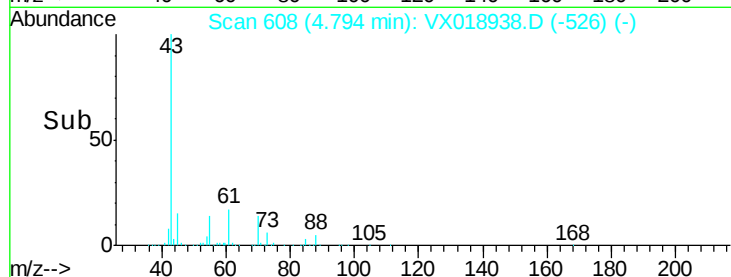
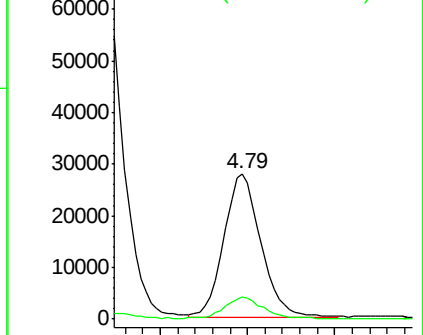
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 21.473 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.00 min

Lab File: VX018938.D

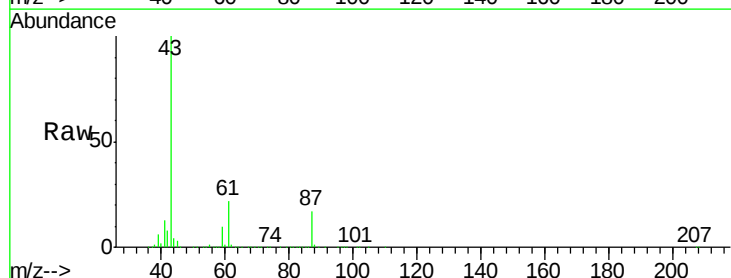
Acq: 15 Oct 2020 17:05

Tgt Ion: 43 Resp: 135572

Ion Ratio Lower Upper

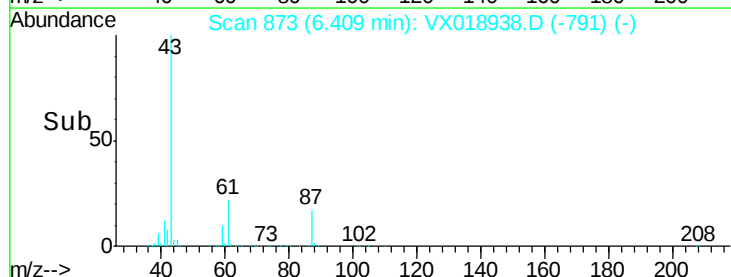
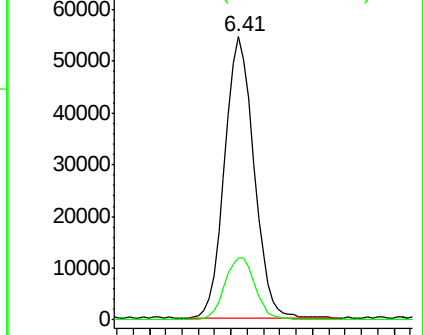
43 100

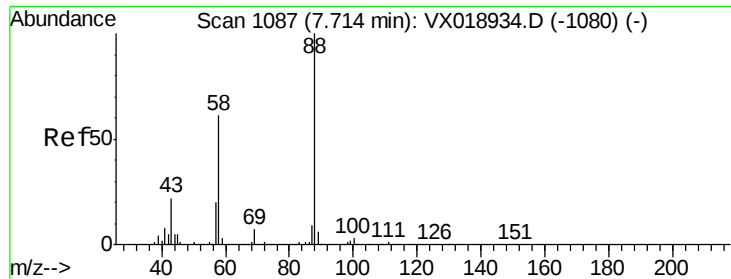
61 23.0 0.0 0.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





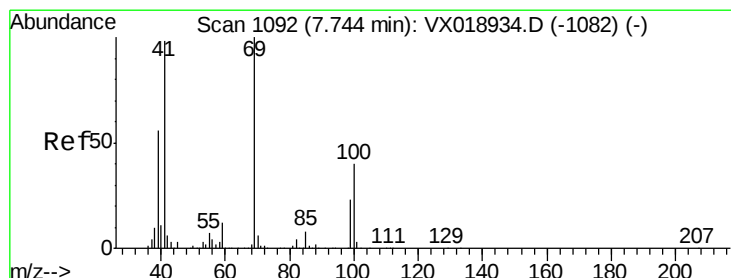
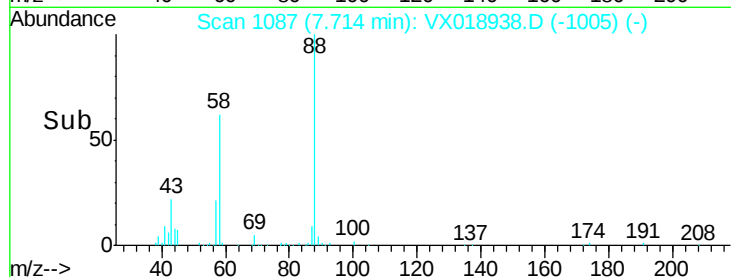
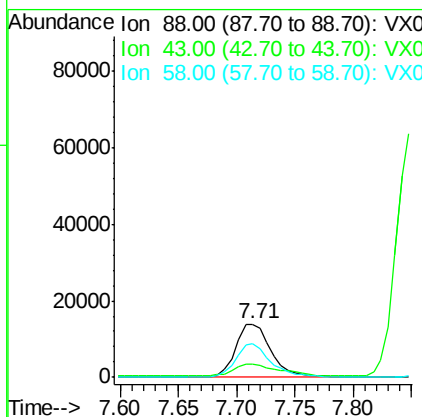
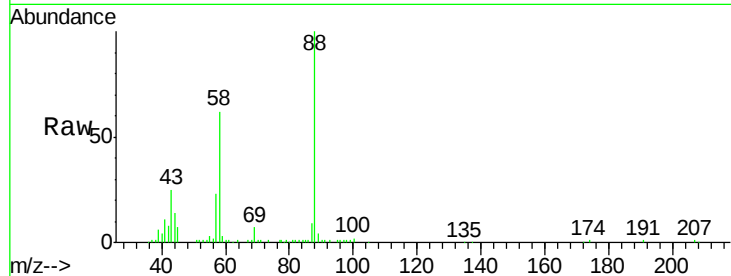
#45
1,4-Dioxane
Concen: 441.582 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018938.D
Acq: 15 Oct 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101520

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.6	22.1	33.1
58	62.5	52.1	78.1

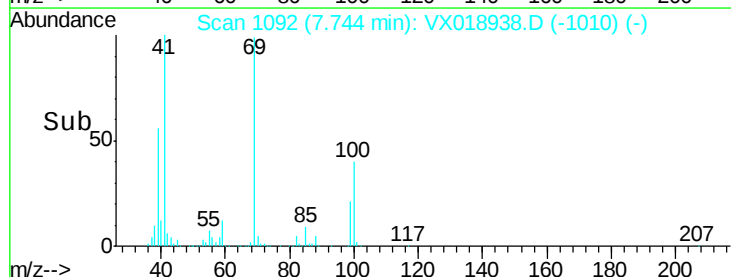
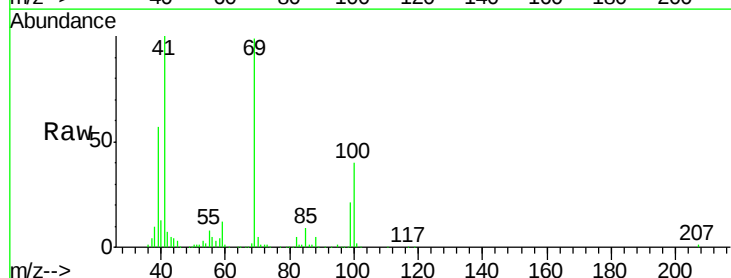
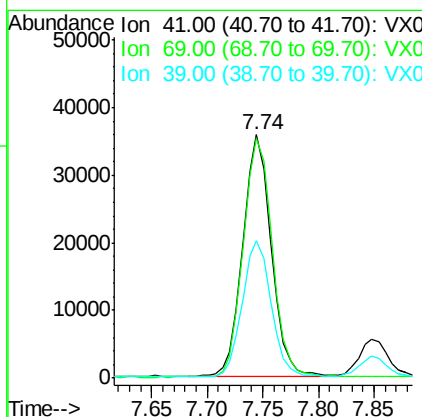
Manual Integrations
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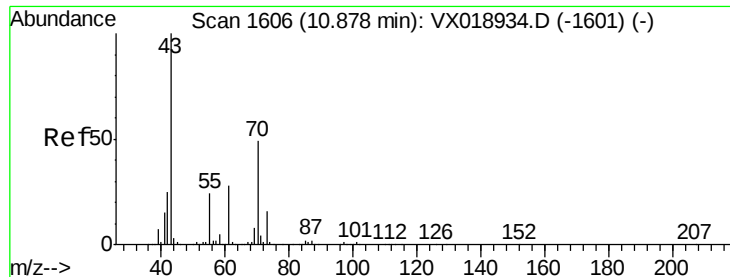
apatel
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#46
Methyl methacrylate
Concen: 21.653 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VX018938.D
Acq: 15 Oct 2020 17:05

Tgt Ion	Ratio	Lower	Upper
41	100		
69	99.0	50.8	152.5
39	56.5	28.5	85.6





#47

n-amvl Acetate

Concen: 21.124 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101520

Tot Ion: 43 Resp: 111398

Ion Ratio Lower Upper

43 100

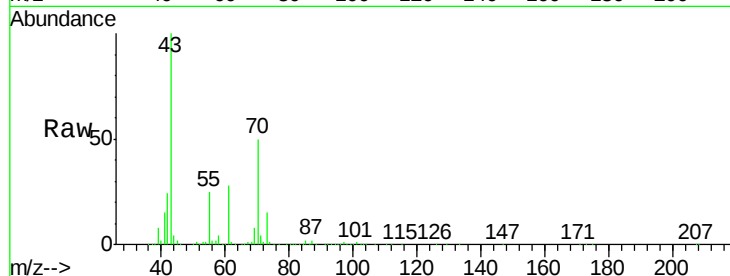
55 24.7 19.9 29.9

Manual Integrations

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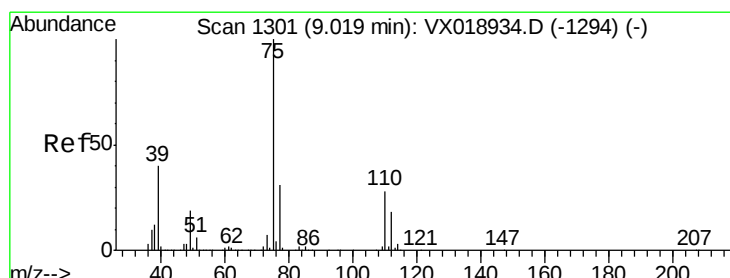
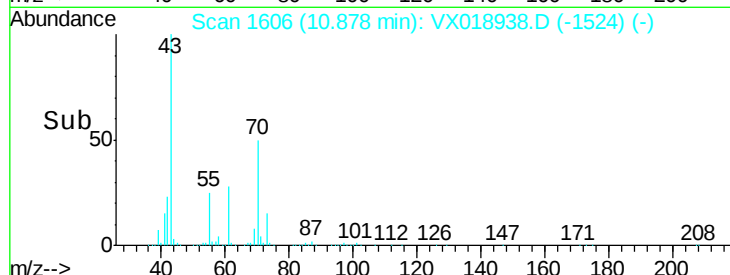
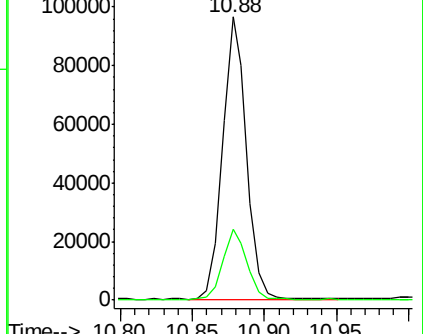
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 21.608 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VX018938.D

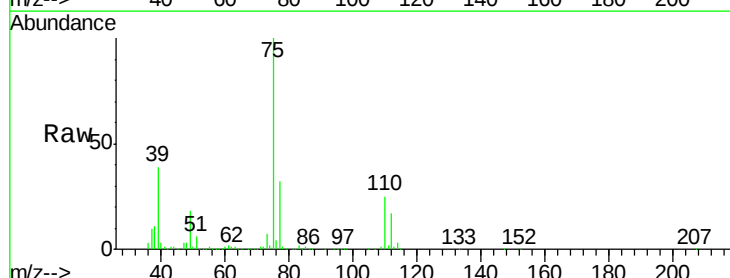
Acq: 15 Oct 2020 17:05

Tgt Ion: 75 Resp: 101941

Ion Ratio Lower Upper

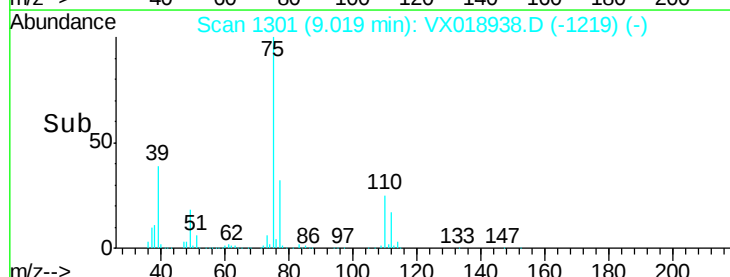
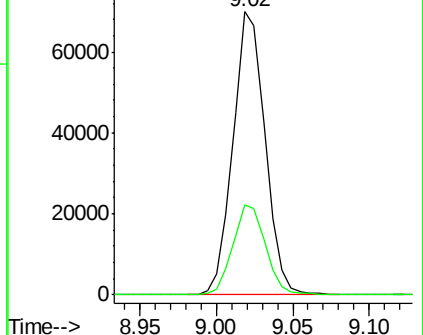
75 100

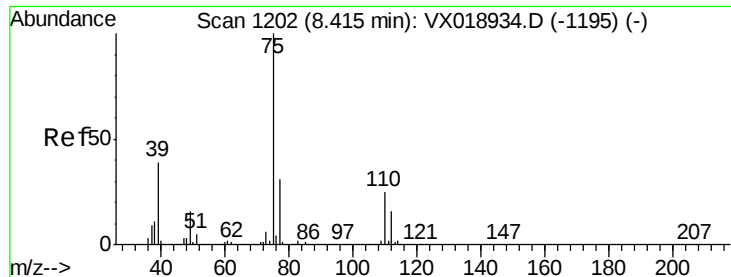
77 31.7 24.6 36.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#49

cis-1,3-Dichloropropene

Concen: 21.458 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Instrument :

MSVOA_X

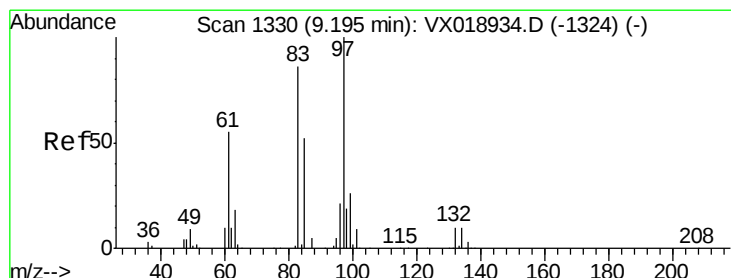
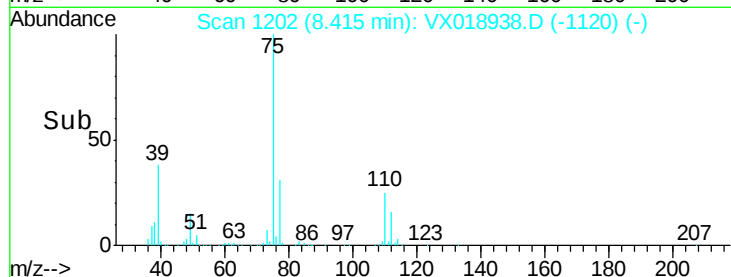
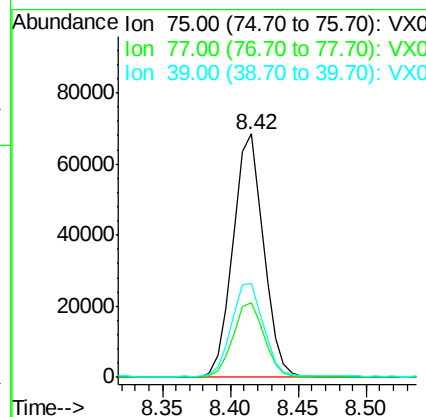
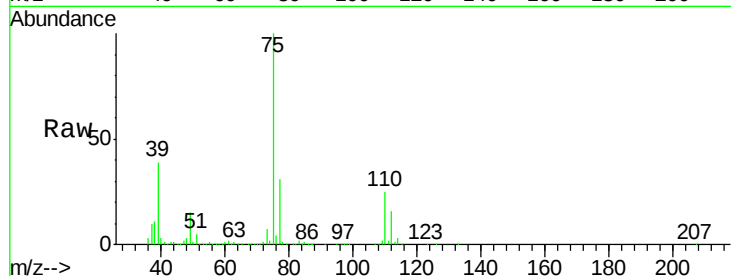
ClientSampleId :

ICVX101520

Tot Ion:	75	Resp:	107644
Ion Ratio	Lower	Upper	
75	100		
77	30.6	25.1	37.7
39	38.1	31.5	47.3

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#50

1,1,2-Trichloroethane

Concen: 21.897 ug/l

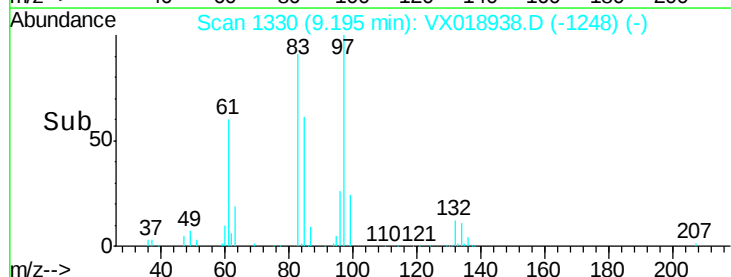
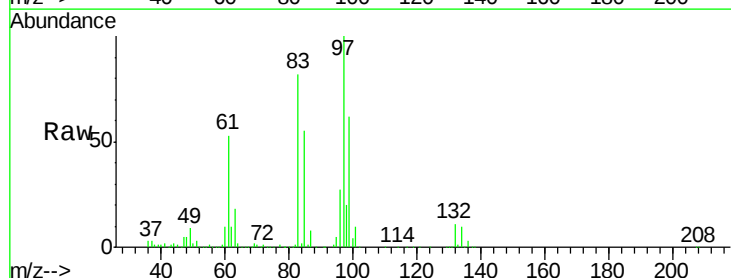
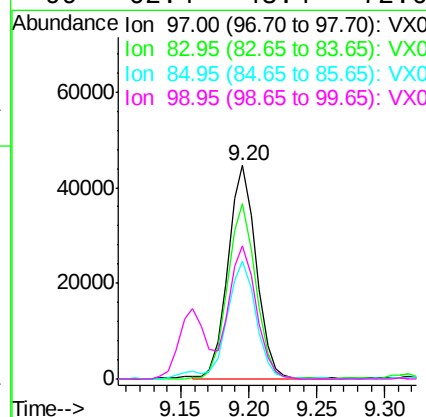
RT: 9.20 min Scan# 1330

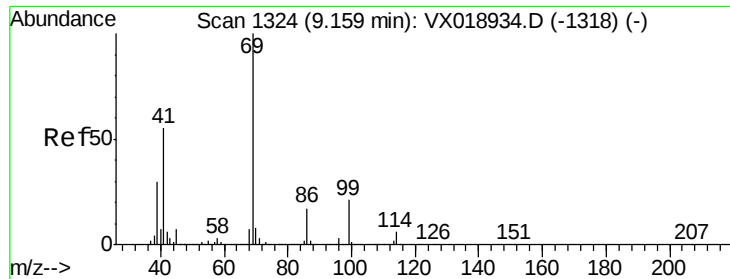
Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Tgt Ion:	97	Resp:	63773
Ion Ratio	Lower	Upper	
97	100		
83	82.2	68.0	102.0
85	54.9	43.8	65.8
99	62.4	48.4	72.6





#51

Ethyl methacrylate

Concen: 21.768 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Instrument :

MSVOA_X

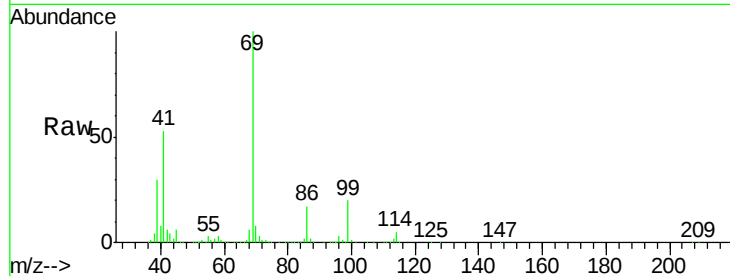
ClientSampleId :

ICVVX101520

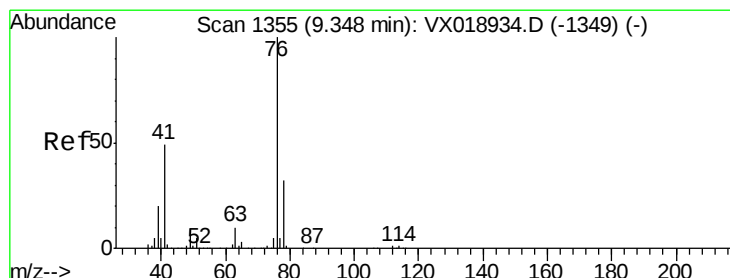
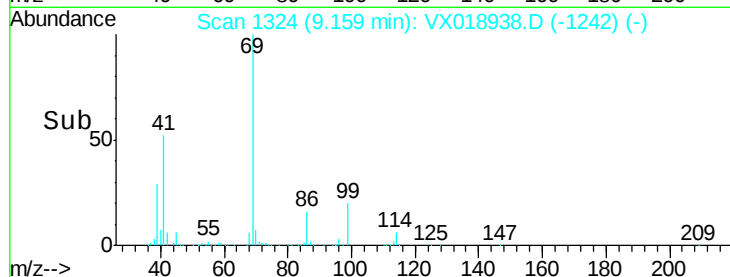
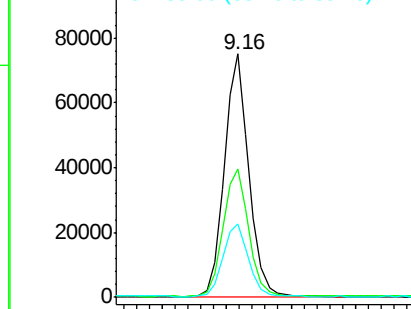
Tot Ion:	69	Resp:	99784
Ion	Ratio	Lower	Upper
69	100		
41	52.3	27.6	82.8
39	29.6	15.0	45.0

Manual Integrations
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Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 21.860 ug/l

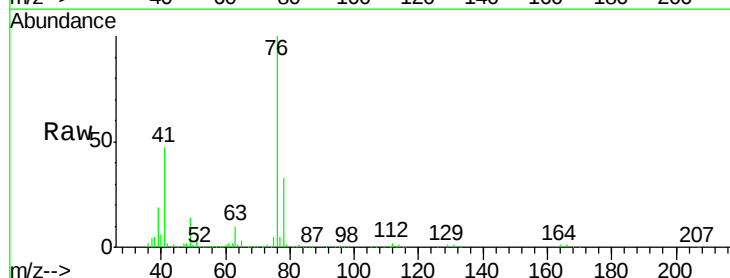
RT: 9.35 min Scan# 1356

Delta R.T. 0.01 min

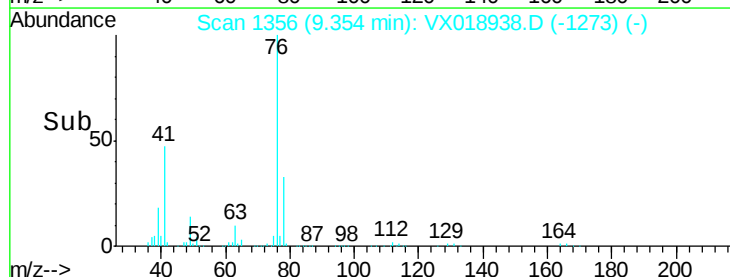
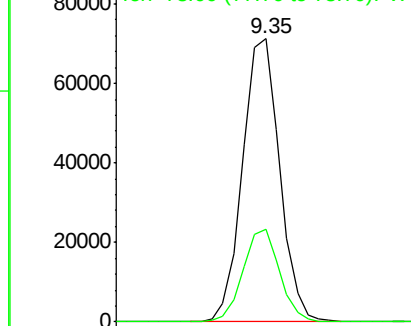
Lab File: VX018938.D

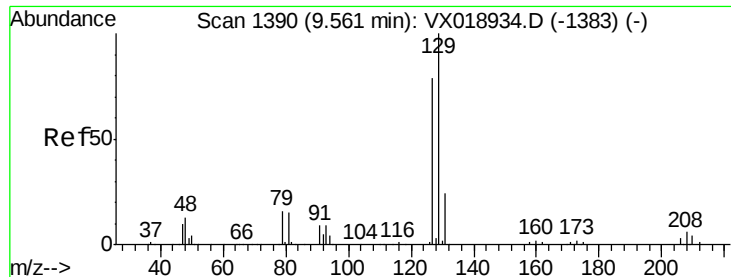
Acq: 15 Oct 2020 17:05

Tgt Ion:	76	Resp:	105059
Ion	Ratio	Lower	Upper
76	100		
78	32.4	0.0	65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 21.756 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101520

Tot Ion:129 Resp: 75367

Ion Ratio Lower Upper

129 100

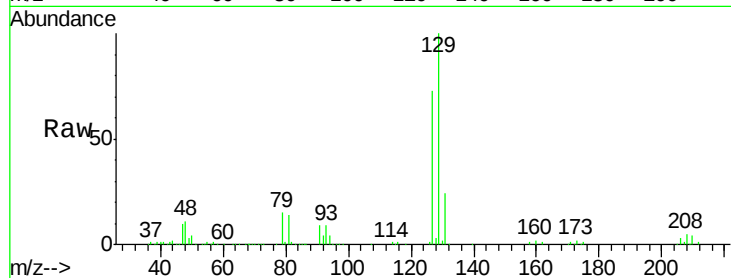
127 75.6 38.7 116.1

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.56

60000

50000

40000

30000

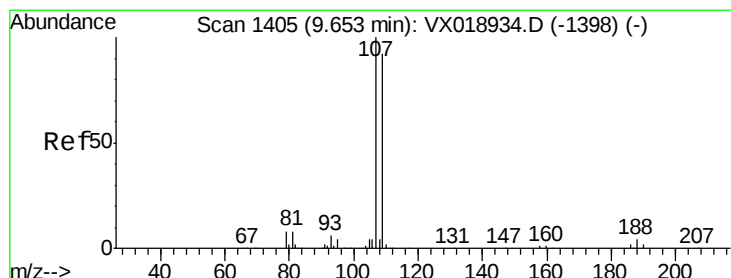
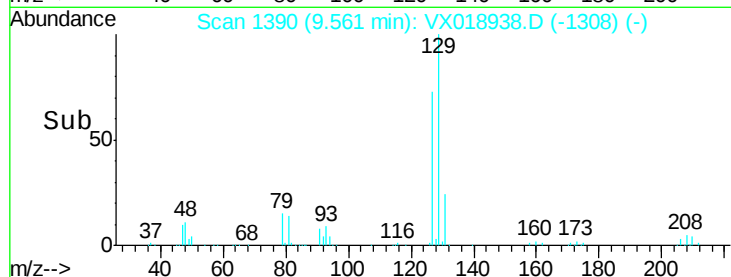
20000

10000

0

9.50 9.55 9.60

Time-->



#54

1,2-Dibromoethane

Concen: 21.782 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018938.D

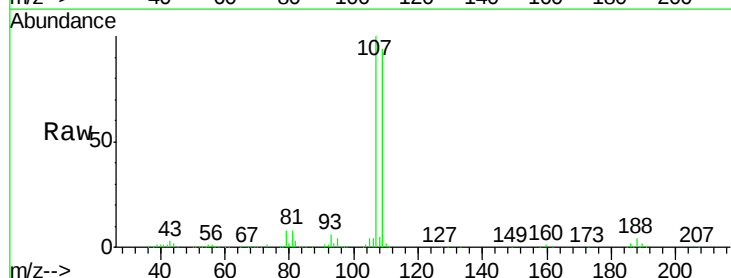
Acq: 15 Oct 2020 17:05

Tgt Ion:107 Resp: 69738

Ion Ratio Lower Upper

107 100

109 94.3 75.1 112.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.65

50000

40000

30000

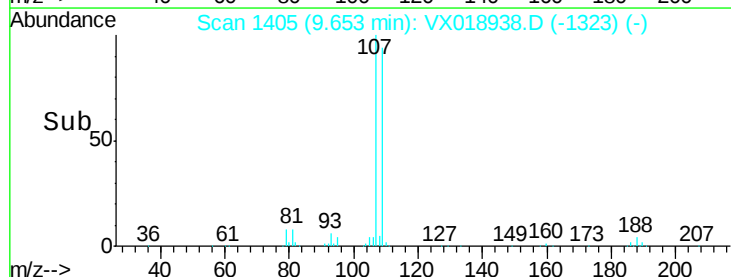
20000

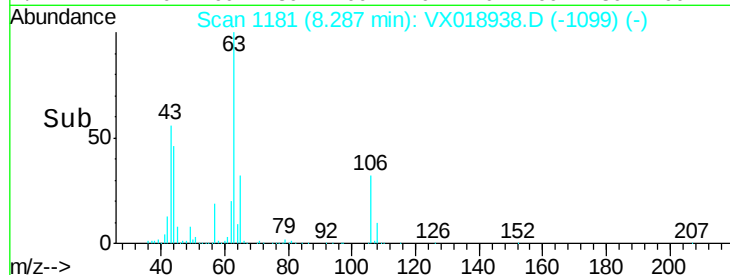
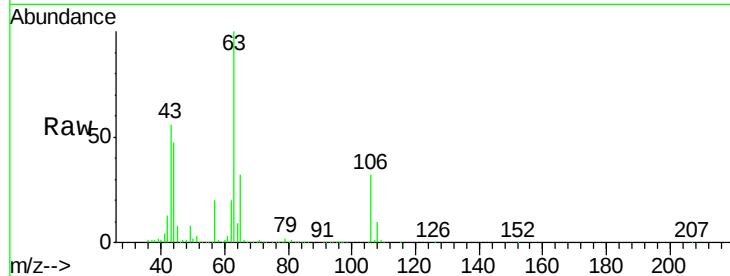
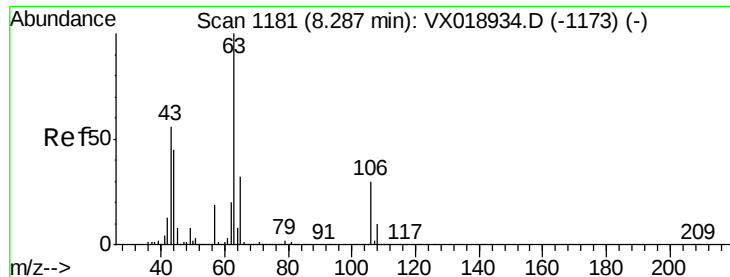
10000

0

9.60 9.65 9.70

Time-->





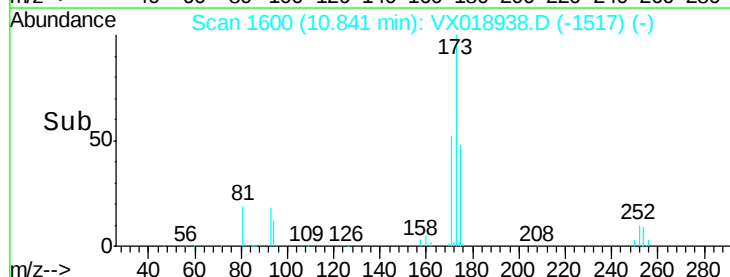
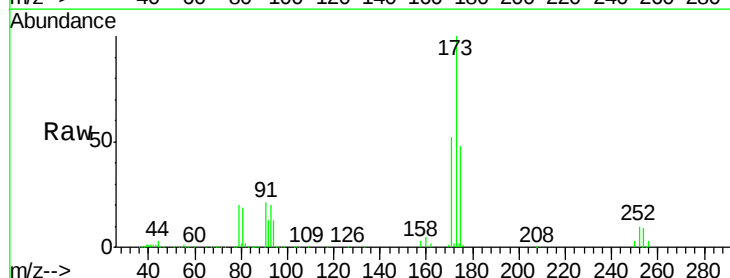
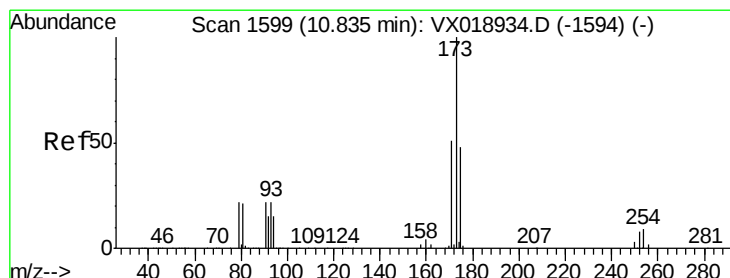
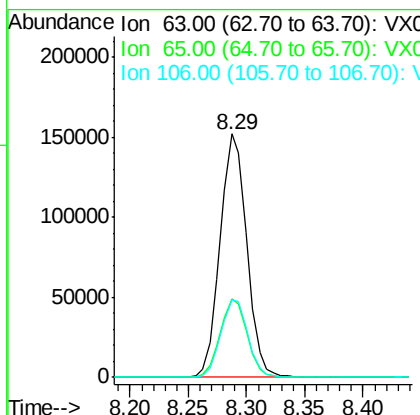
#55
2-Chloroethyl vinyl ether
Concen: 99.804 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VX018938.D
Acq: 15 Oct 2020 17:05

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.8	38.6
106	32.4	25.3	37.9

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101520

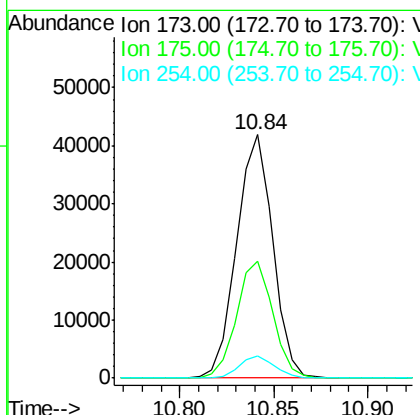
Manual Integrations
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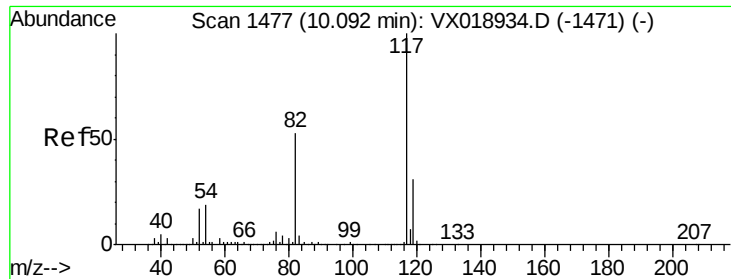
apatel
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#56
Bromoform
Concen: 20.809 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX018938.D
Acq: 15 Oct 2020 17:05

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.3	39.2	58.8
254	8.7	7.5	11.3





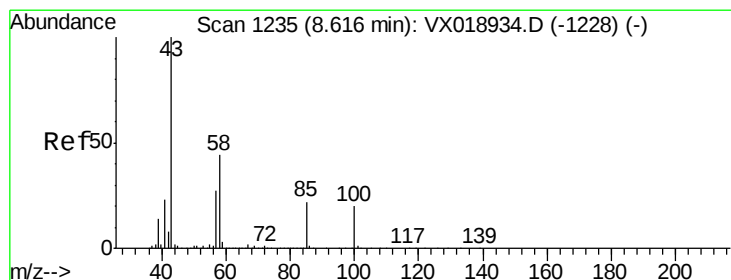
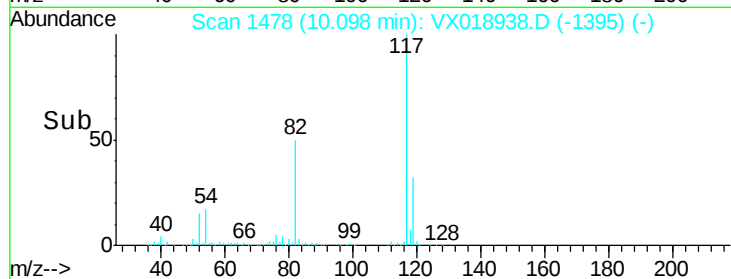
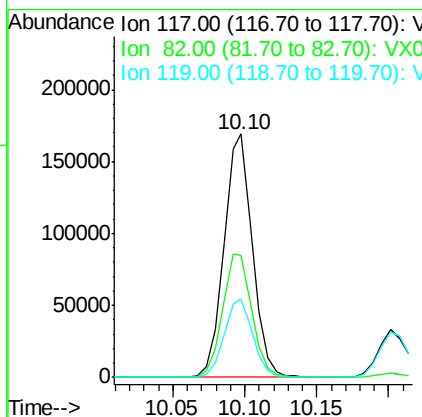
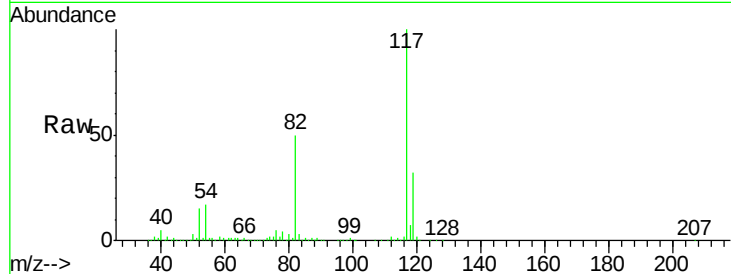
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX018938.D
Acq: 15 Oct 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101520

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.6	62.4
119	32.4	25.7	38.5

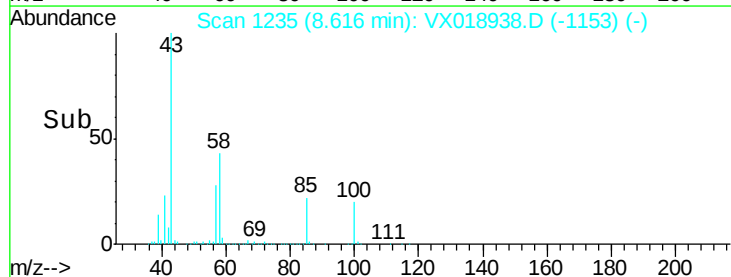
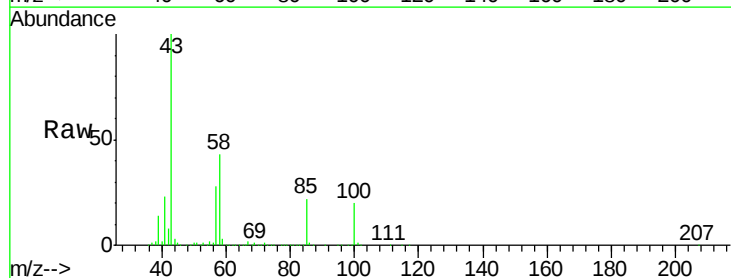
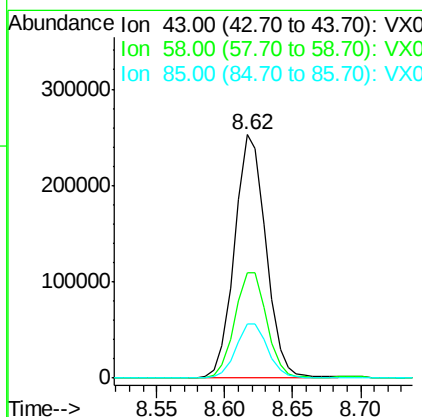
Manual Integrations
APPROVED

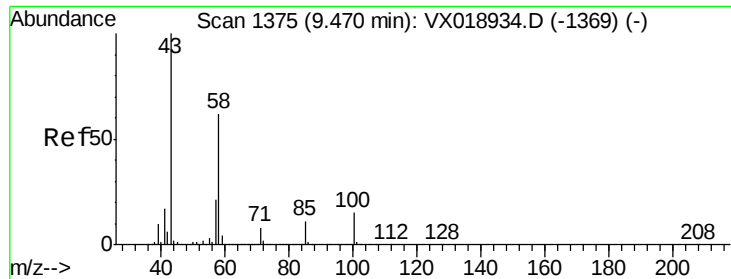
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#58
4-Methyl-2-Pentanone
Concen: 108.426 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX018938.D
Acq: 15 Oct 2020 17:05

Tgt Ion	Ratio	Lower	Upper
43	100		
58	44.3	35.4	53.2
85	22.5	18.0	27.0





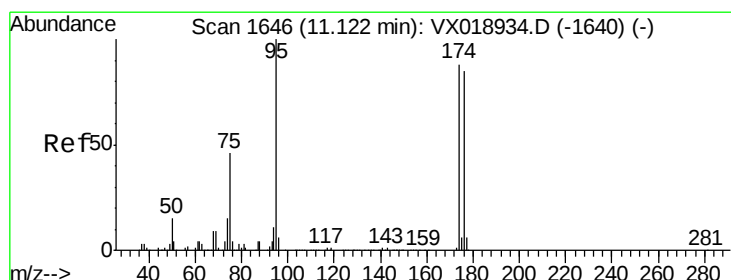
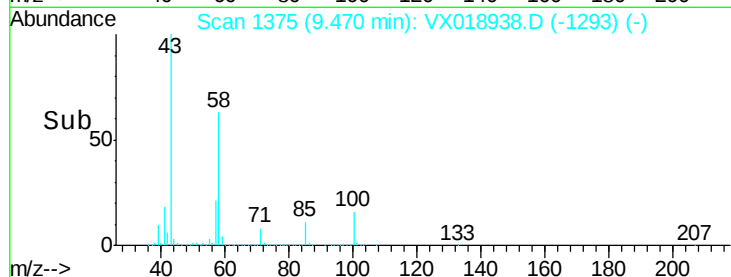
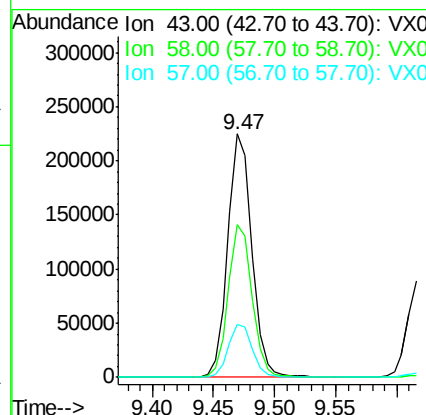
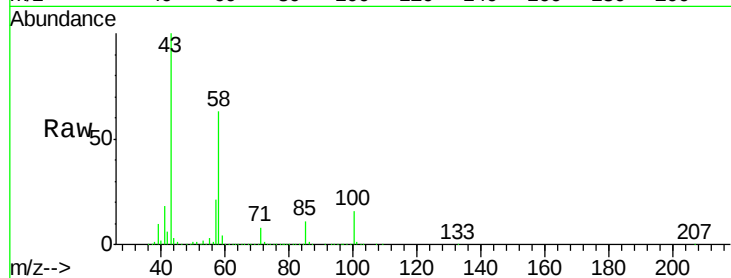
#59
2-Hexanone
Concen: 106.844 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018938.D
Acq: 15 Oct 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101520

Tot Ion	Ratio	Lower	Upper
43	100		
58	62.6	49.7	74.5
57	21.7	16.9	25.3

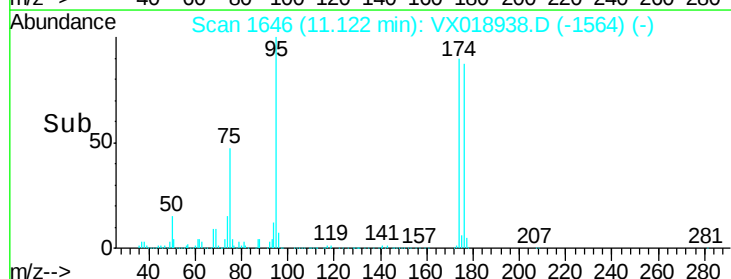
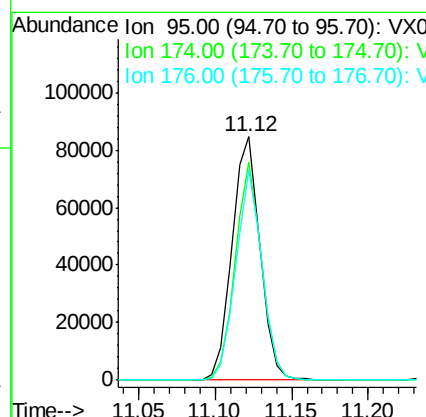
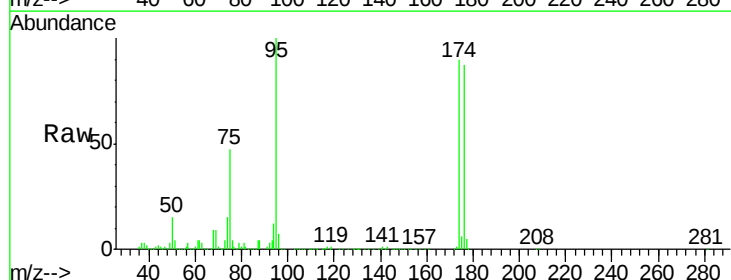
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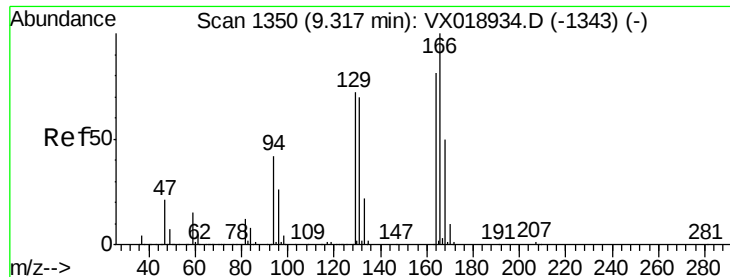
apatel
10/16/2020 2:11:36 PM



#60
4-Bromofluorobenzene
Concen: 29.493 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018938.D
Acq: 15 Oct 2020 17:05

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.5	67.0	100.4
176	81.1	64.5	96.7





#61

Tetrachloroethene

Concen: 21.313 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Instrument :

MSVOA_X

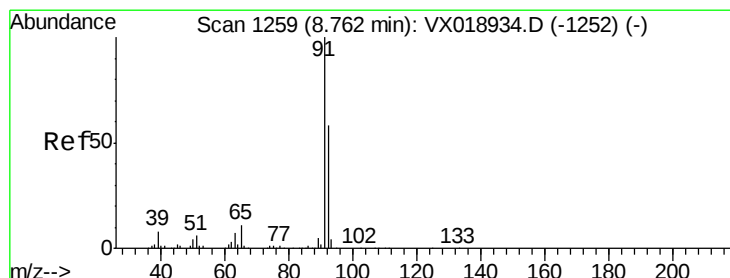
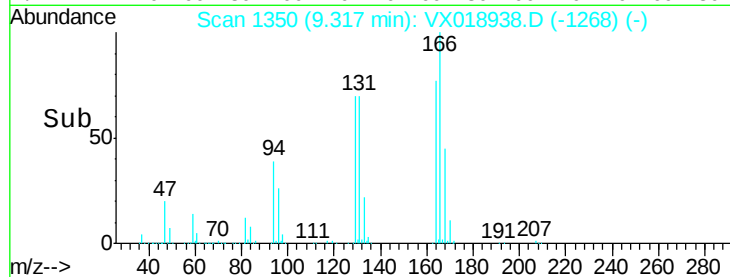
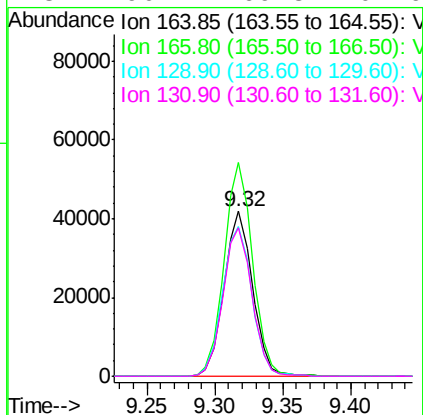
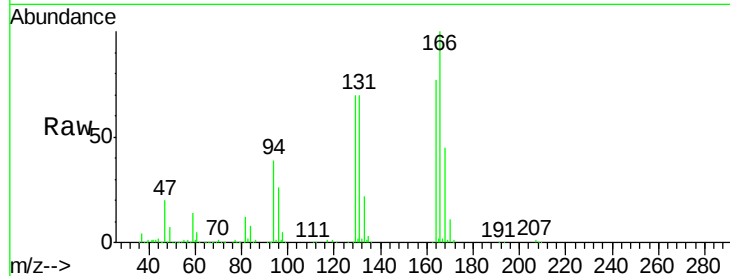
ClientSampleId :

ICVVX101520

Tot Ion:	164	Resp:	61192
Ion	Ratio	Lower	Upper
164	100		
166	129.5	99.4	149.0
129	91.0	71.8	107.6
131	90.1	69.8	104.6

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#62

Toluene

Concen: 21.378 ug/l

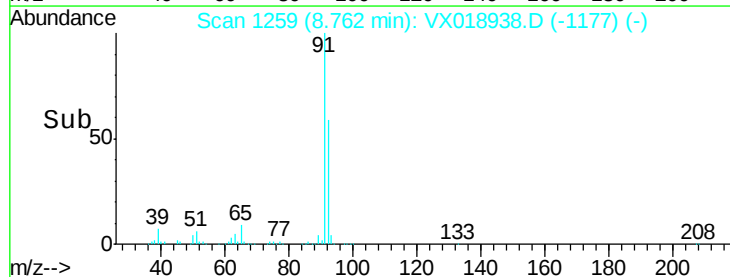
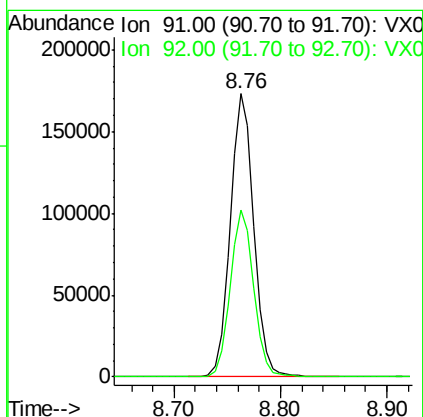
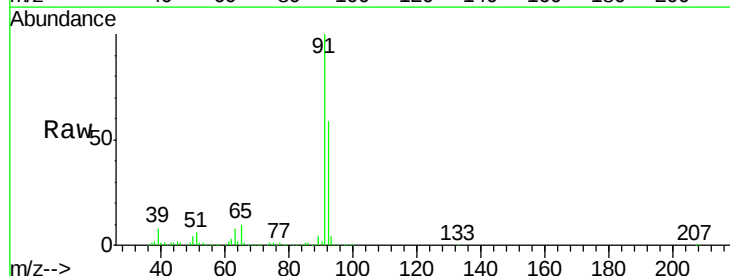
RT: 8.76 min Scan# 1259

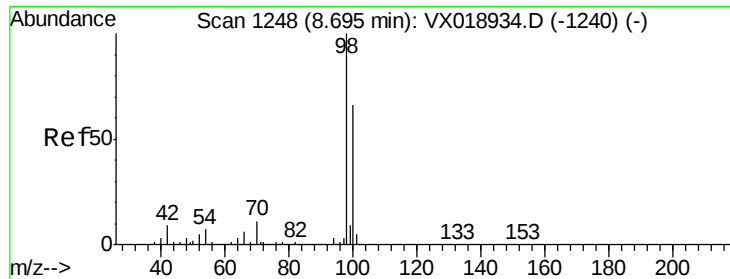
Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Tgt Ion:	91	Resp:	267452
Ion	Ratio	Lower	Upper
91	100		
92	59.0	47.1	70.7





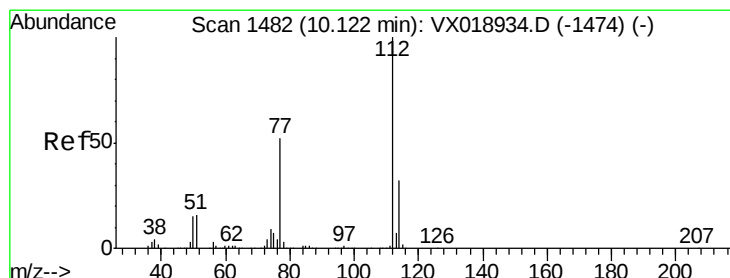
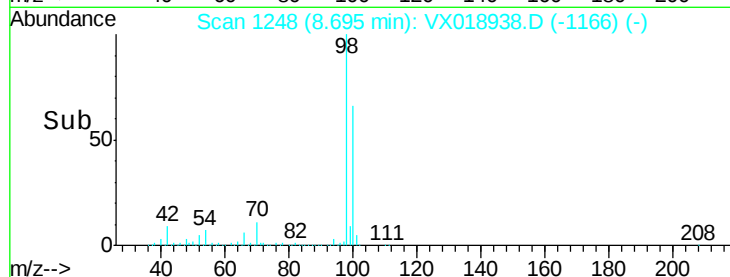
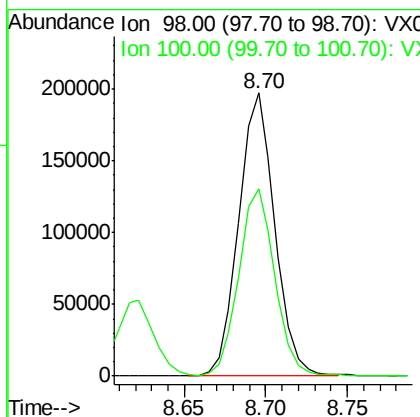
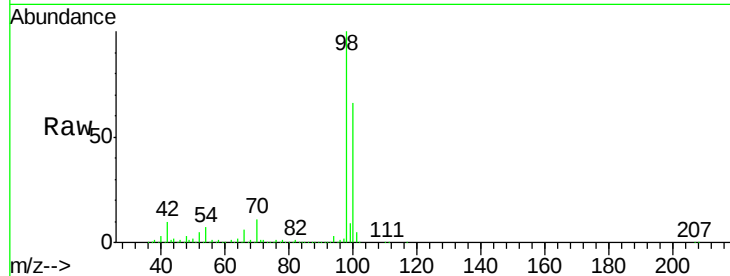
#63
Toluene-d8
Concen: 29.679 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018938.D
Acq: 15 Oct 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101520

Tot Ion: 98 Resp: 302716
Ion Ratio Lower Upper
98 100
100 66.8 53.2 79.8

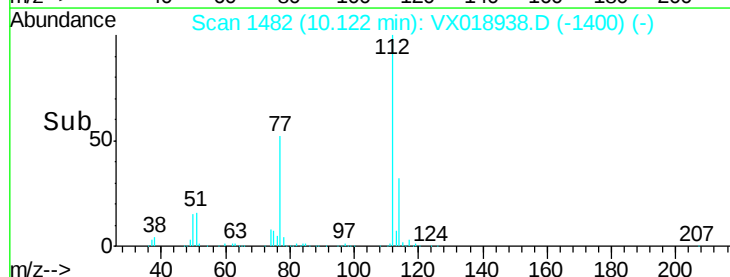
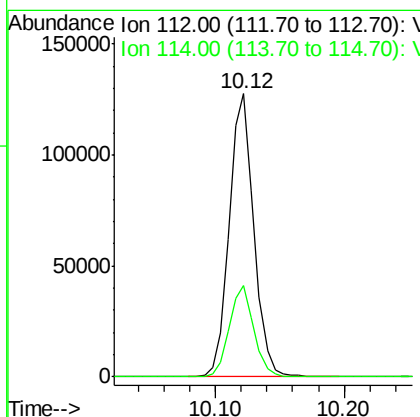
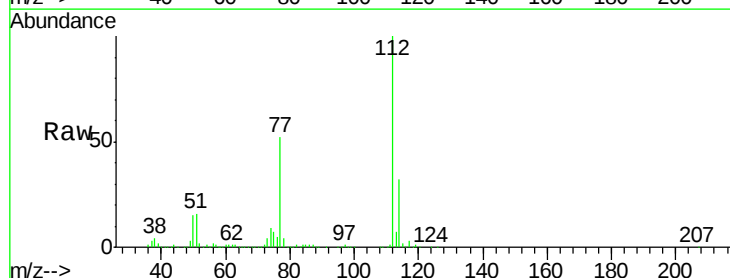
Manual Integrations
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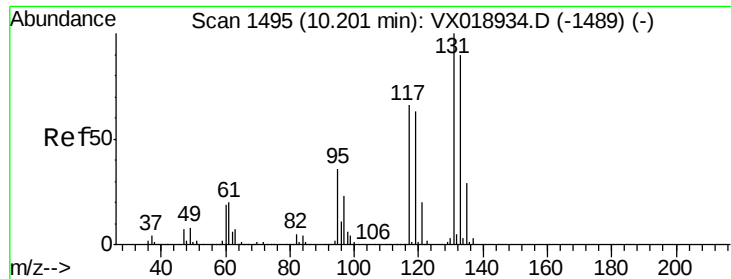
apatel
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#64
Chlorobenzene
Concen: 21.382 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018938.D
Acq: 15 Oct 2020 17:05

Tgt Ion: 112 Resp: 170160
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 21.578 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Instrument :

MSVOA_X

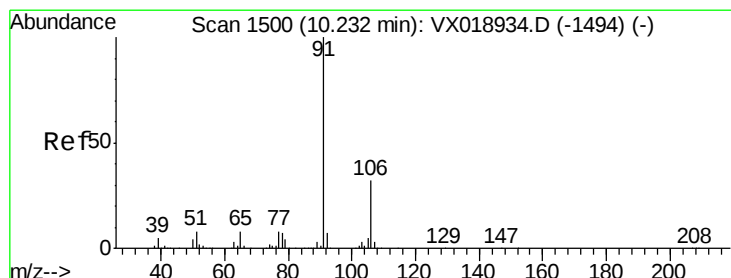
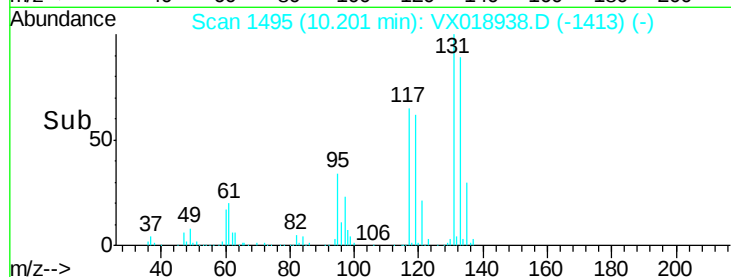
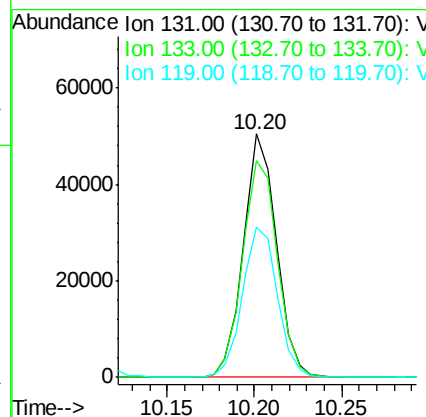
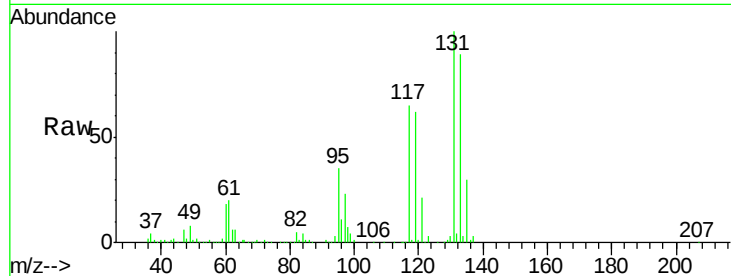
ClientSampleId :

ICVX101520

Tot Ion	Ratio	Resp	Lower	Upper
131	100	66651		
133	93.5	0.0	188.8	
119	64.7	0.0	127.2	

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#66

Ethyl Benzene

Concen: 21.545 ug/l

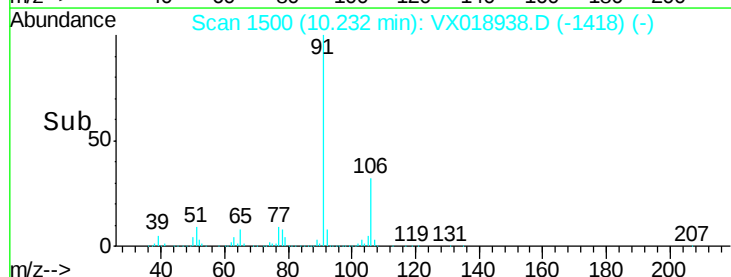
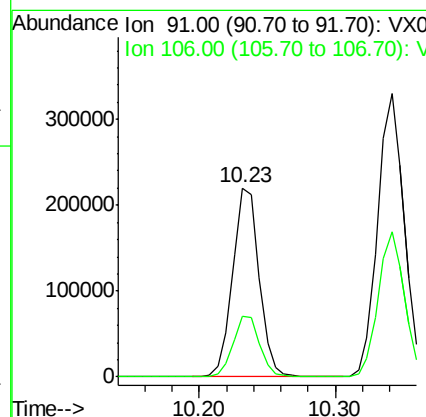
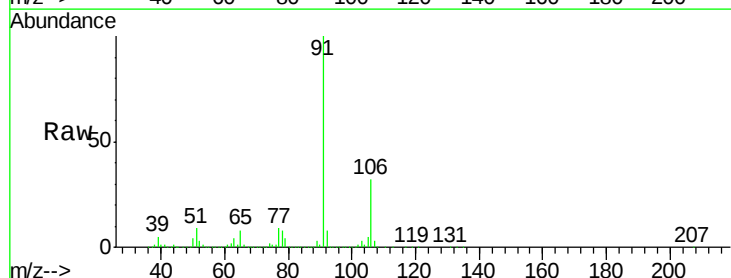
RT: 10.23 min Scan# 1500

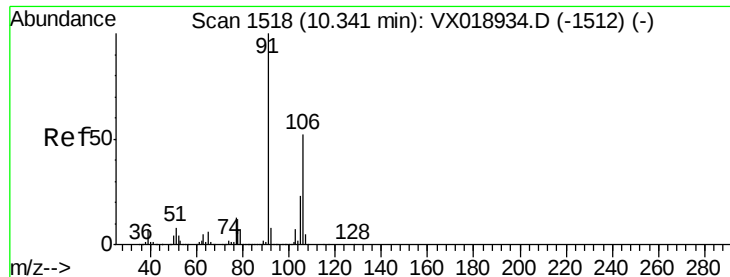
Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	298731		
106	32.1	25.3	37.9	





#67

m/p-Xylenes

Concen: 42.023 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101520

Tot Ion:106 Resp: 228279

Ion Ratio Lower Upper

106 100

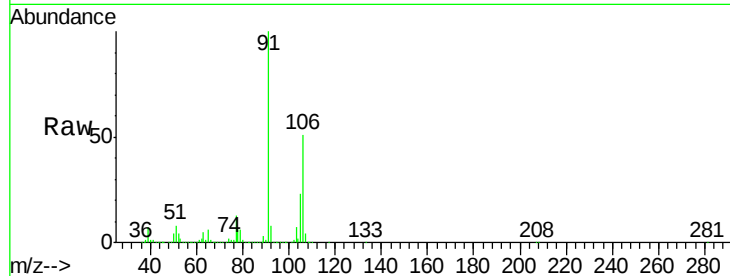
91 195.6 155.7 233.5

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

300000

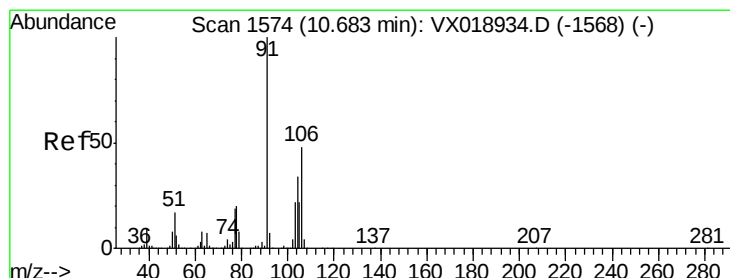
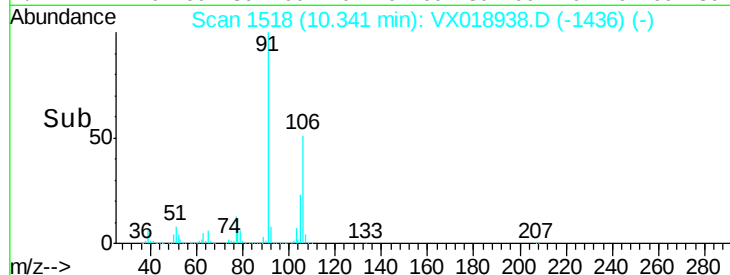
200000

100000

0

10.34

Time-->



#68

o-Xylene

Concen: 21.236 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018938.D

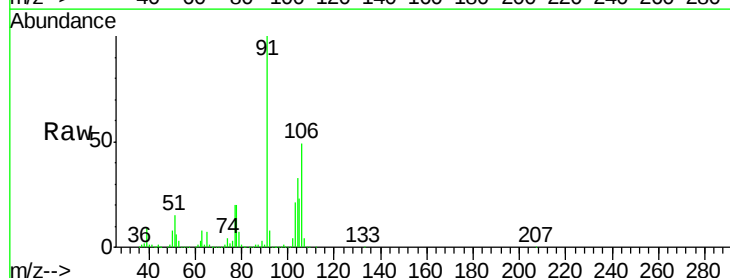
Acq: 15 Oct 2020 17:05

Tgt Ion:106 Resp: 109099

Ion Ratio Lower Upper

106 100

91 205.6 103.3 309.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

200000

150000

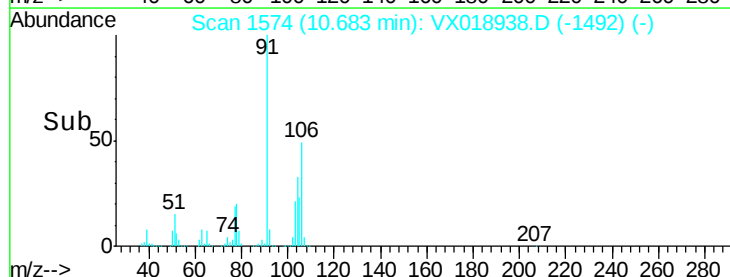
100000

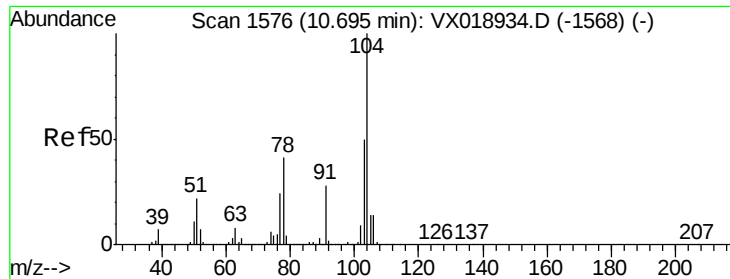
50000

0

10.68

Time-->





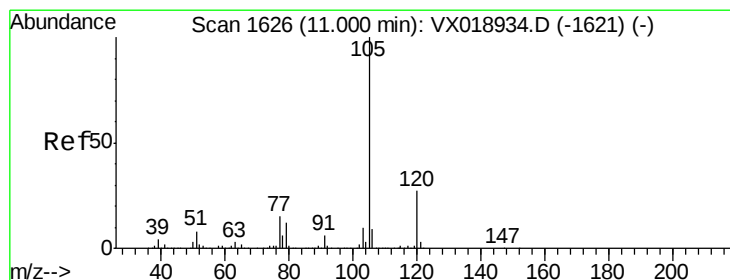
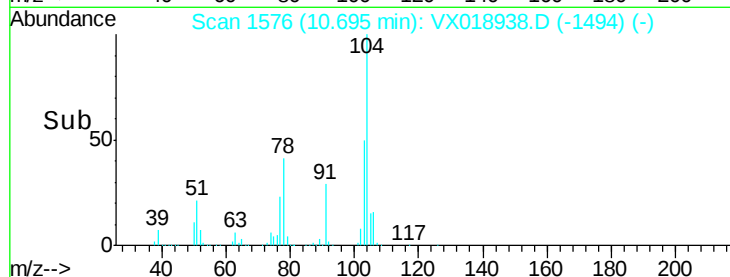
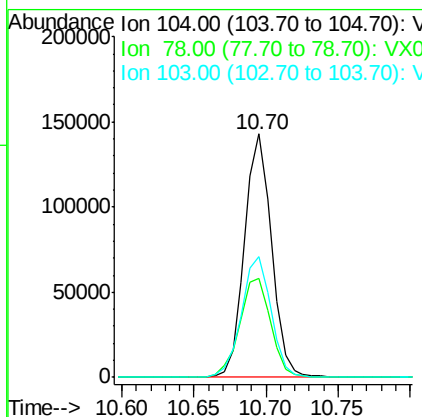
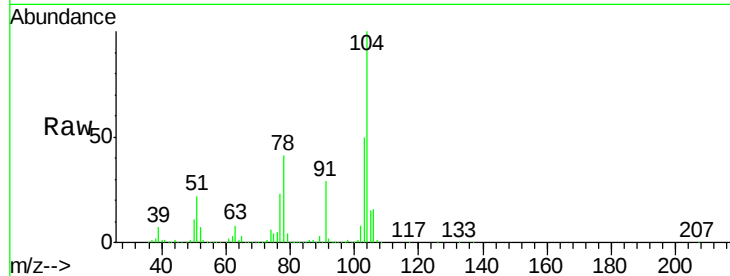
#69
Stvrene
Concen: 21.038 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018938.D
Acq: 15 Oct 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101520

Tot Ion	Ratio	Resp	Lower	Upper
104	100	185790		
78	47.0		37.8	56.6
103	54.8		44.1	66.1

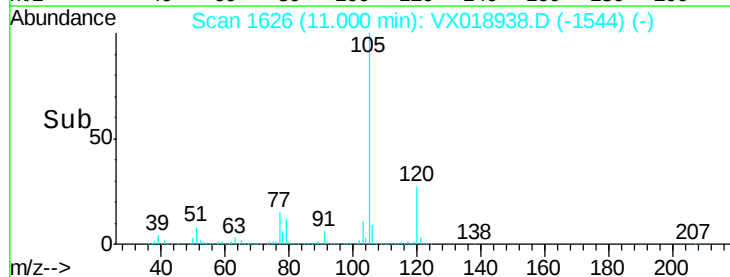
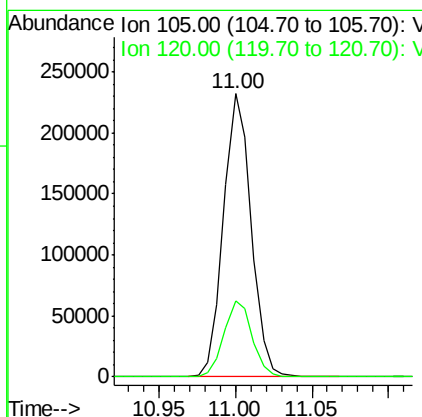
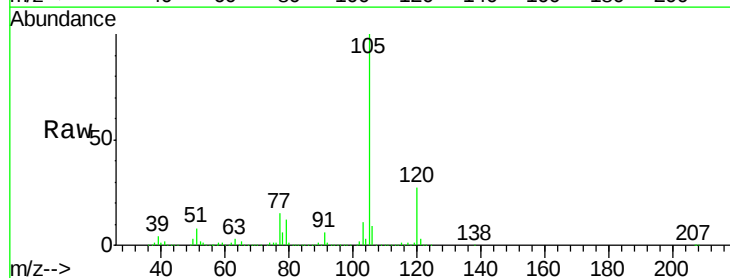
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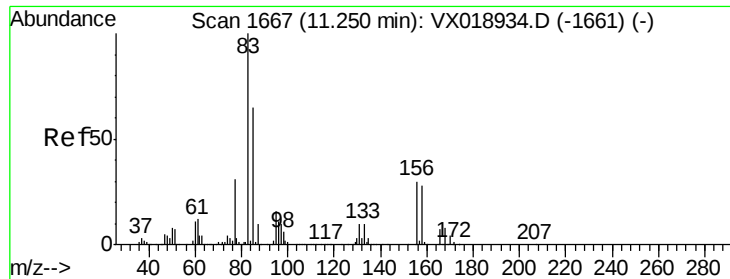
apatel
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#70
Isopropylbenzene
Concen: 21.344 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018938.D
Acq: 15 Oct 2020 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	291344		
120	27.3		19.4	36.0





#71

1,1,2,2-Tetrachloroethane

Concen: 21.331 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101520

Tot Ion: 83 Resp: 90692

Ion Ratio Lower Upper

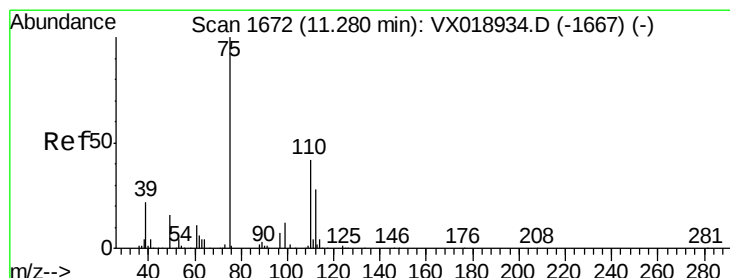
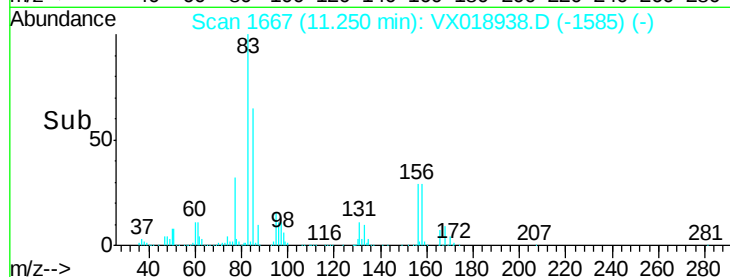
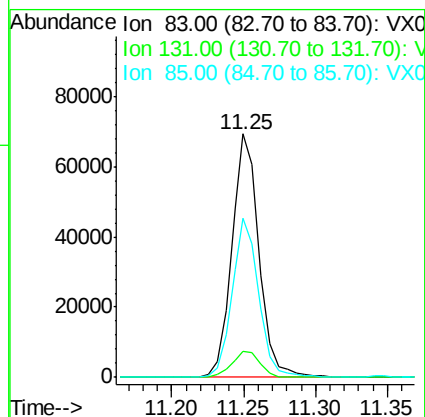
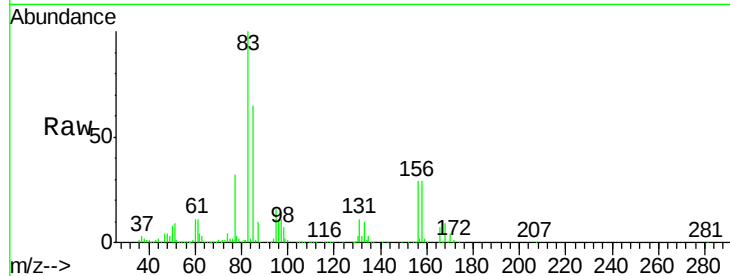
83 100

131 11.1 5.3 16.1

85 64.3 32.3 96.8

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#72

1,2,3-Trichloropropane

Concen: 21.392 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018938.D

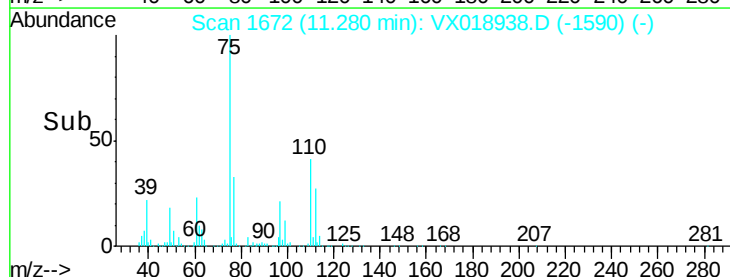
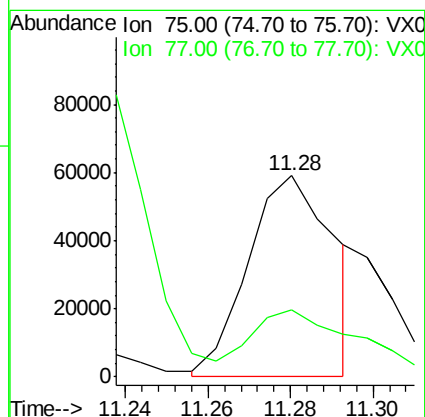
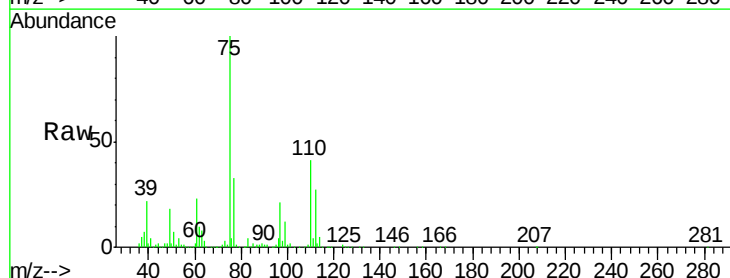
Acq: 15 Oct 2020 17:05

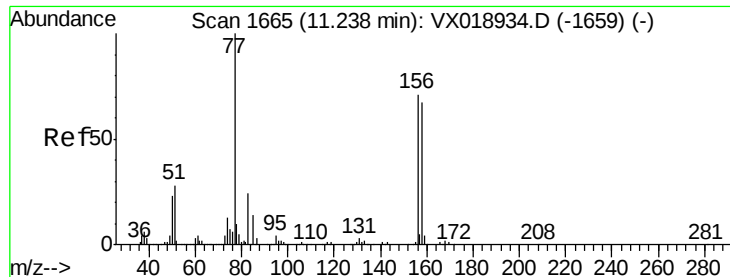
Tgt Ion: 75 Resp: 84975

Ion Ratio Lower Upper

75 100

77 38.4 0.0 75.8





#73

Bromobenzene

Concen: 20.855 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Instrument :

MSVOA_X

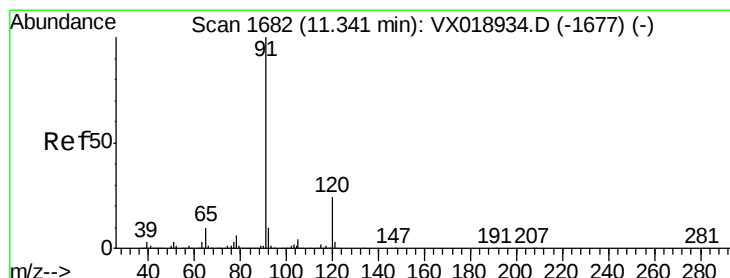
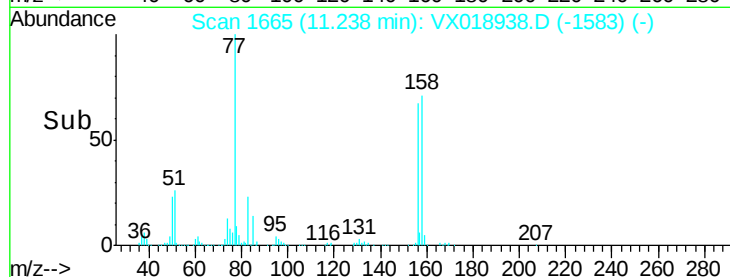
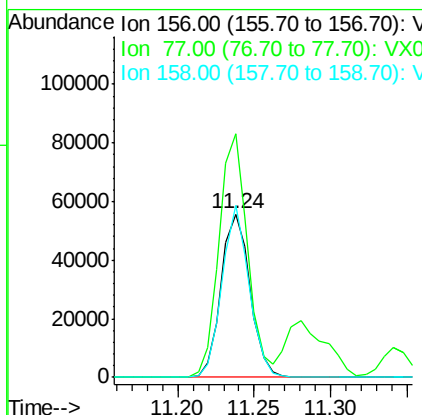
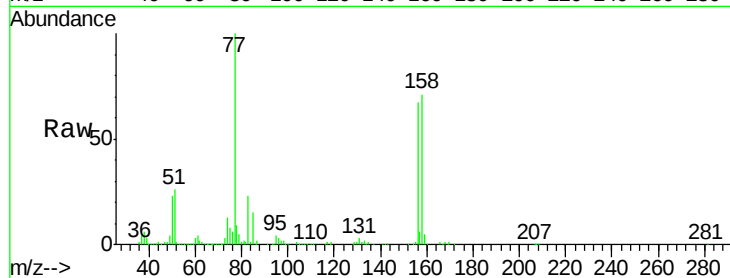
ClientSampleId :

ICVVX101520

Tot Ion:	156	Resp:	73296
Ion Ratio	Lower	Upper	
156	100		
77	146.5	0.0	288.2
158	98.4	0.0	189.2

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#74

n-propylbenzene

Concen: 21.016 ug/l

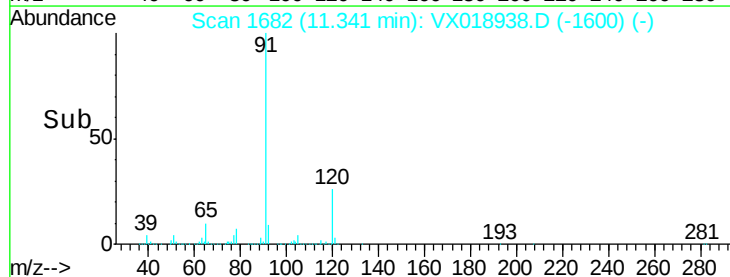
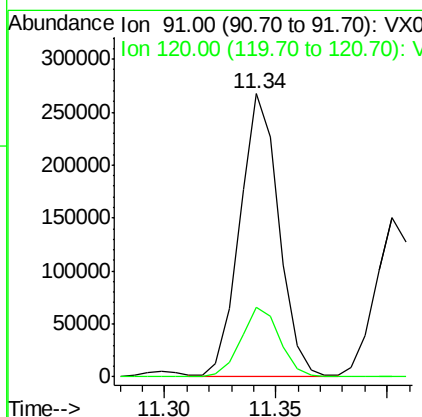
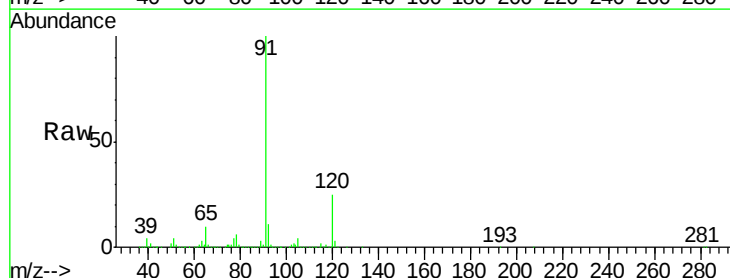
RT: 11.34 min Scan# 1682

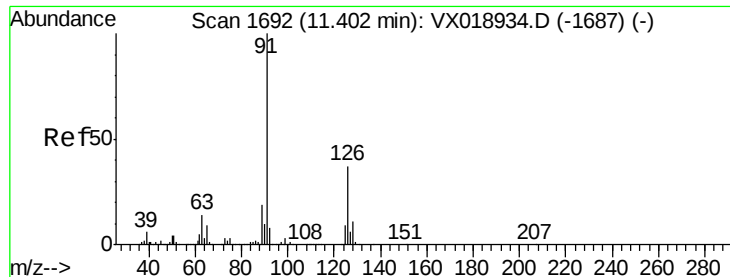
Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Tgt Ion:	91	Resp:	326754
Ion Ratio	Lower	Upper	
91	100		
120	24.5	0.0	48.4





#75

2-Chlorotoluene

Concen: 20.910 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101520

Tot Ion: 91 Resp: 187926

Ion Ratio Lower Upper

91 100

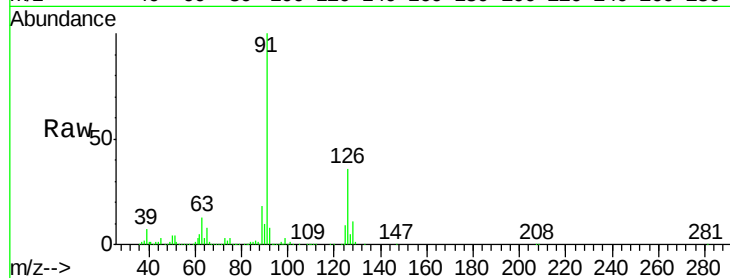
126 36.4 0.0 70.8

Manual Integrations

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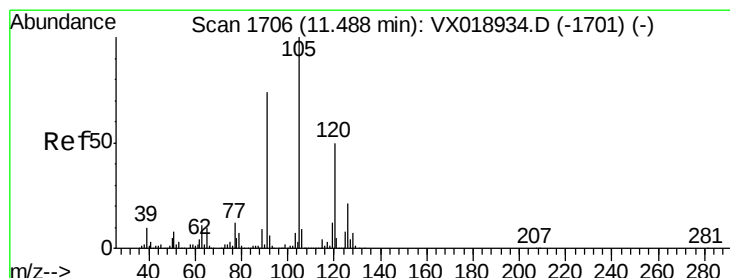
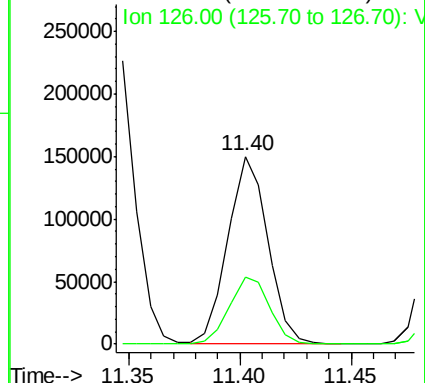
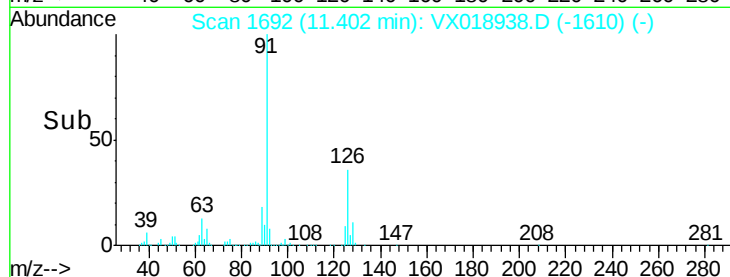
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX018938.D (-1610) (-)

Ion 126.00 (125.70 to 126.70): VX018938.D (-1610) (-)



#76

1,3,5-Trimethylbenzene

Concen: 20.903 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX018938.D

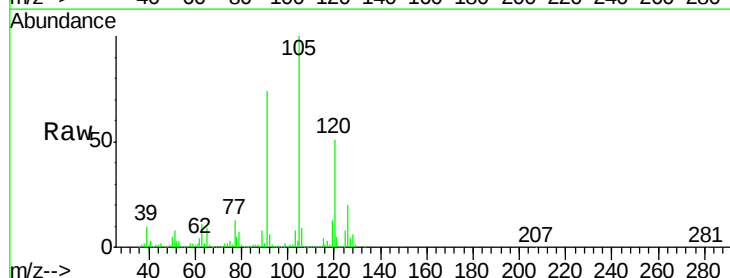
Acq: 15 Oct 2020 17:05

Tgt Ion: 105 Resp: 238935

Ion Ratio Lower Upper

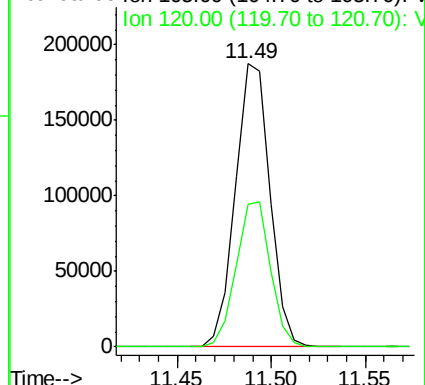
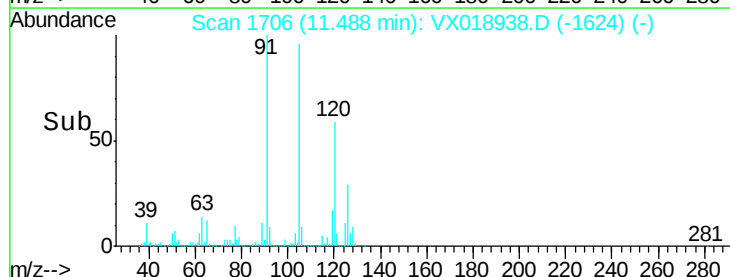
105 100

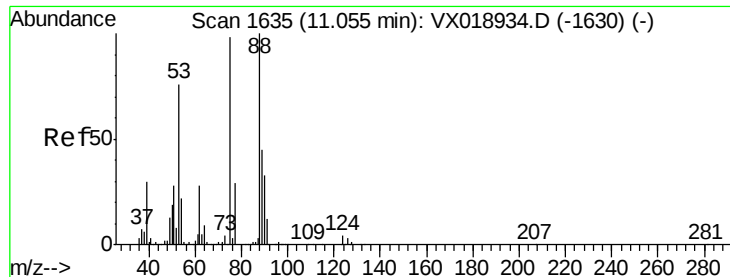
120 51.1 0.0 101.6



Abundance Ion 105.00 (104.70 to 105.70): VX018938.D (-1624) (-)

Ion 120.00 (119.70 to 120.70): VX018938.D (-1624) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 20.609 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Instrument :

MSVOA_X

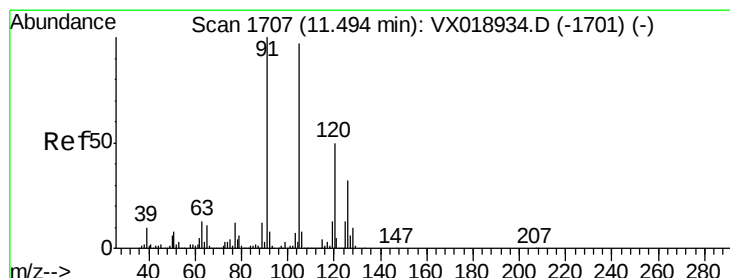
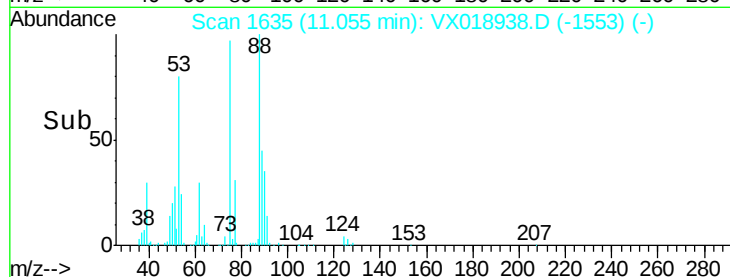
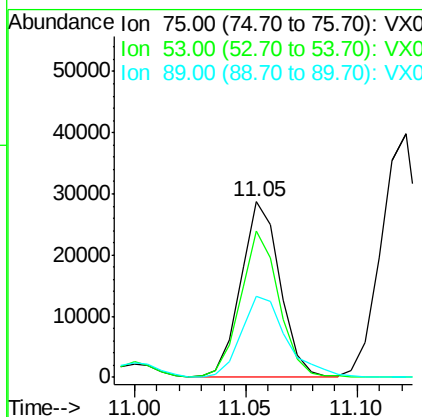
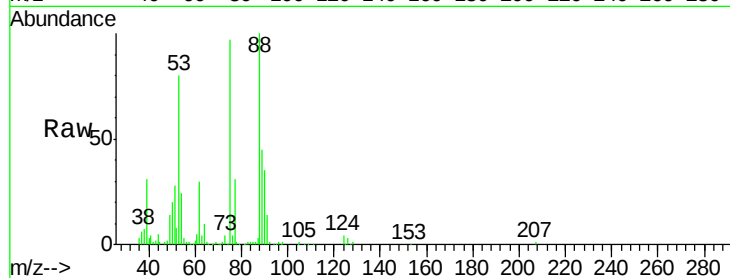
ClientSampleId :

ICVVX101520

Tot Ion:	75	Resp:	35444
Ion	Ratio	Lower	Upper
75	100		
53	82.9	38.8	116.3
89	46.3	22.9	68.8

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#78

4-Chlorotoluene

Concen: 20.867 ug/l

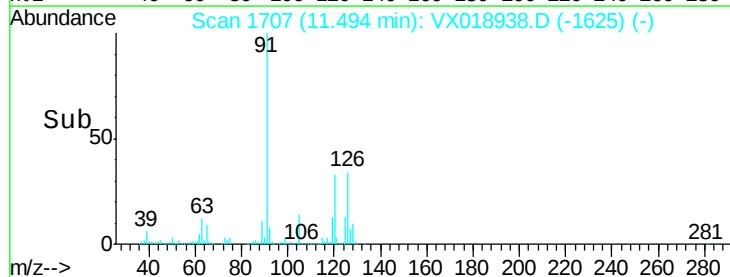
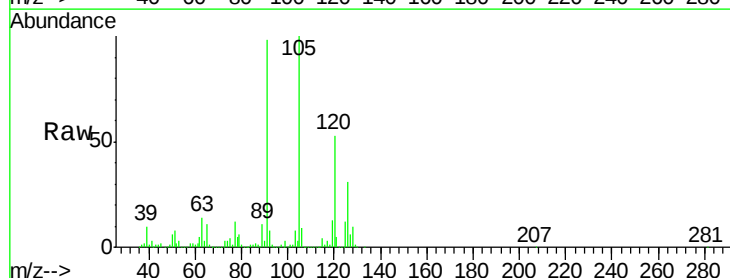
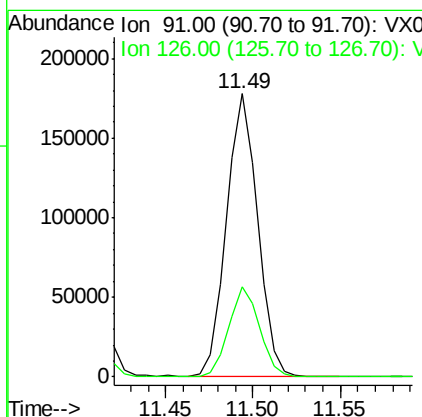
RT: 11.49 min Scan# 1707

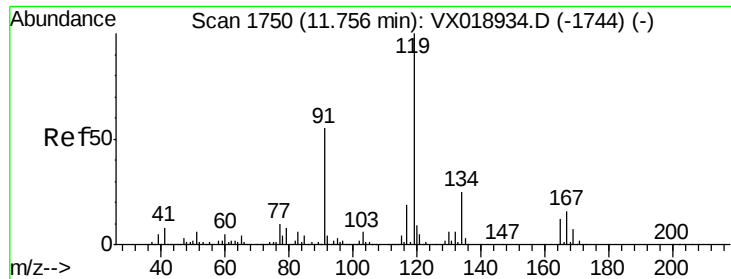
Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Tgt Ion:	91	Resp:	220813
Ion	Ratio	Lower	Upper
91	100		
126	31.5	0.0	63.6





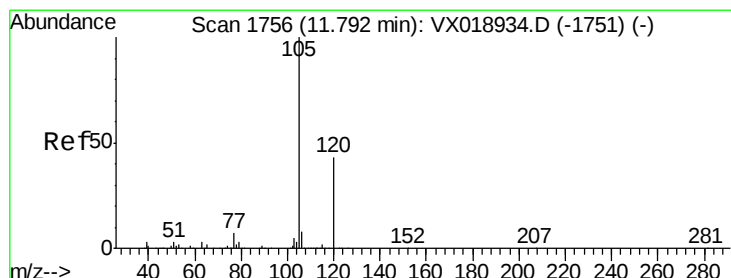
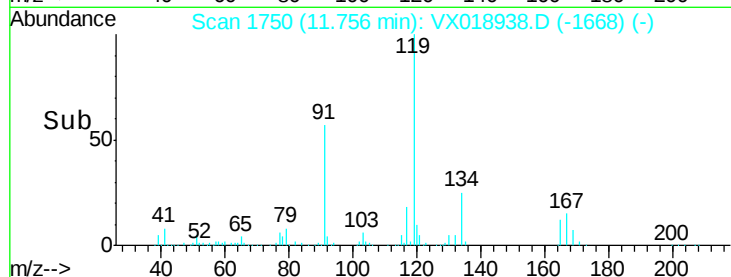
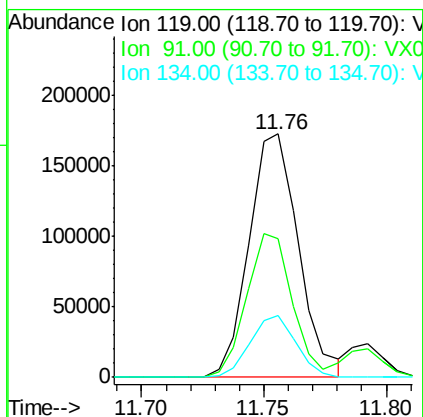
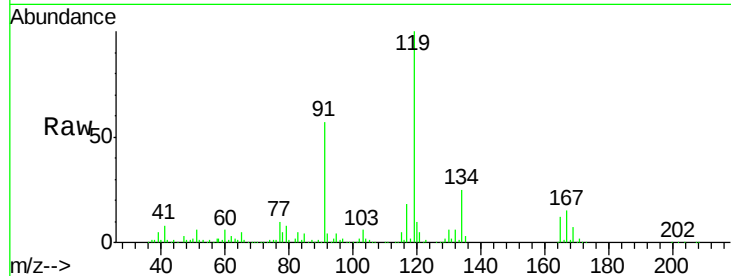
#79
tert-butylbenzene
Concen: 20.955 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018938.D
Acq: 15 Oct 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101520

Tot Ion	Ratio	Resp	Lower	Upper
119	100	242616		
91	54.2	0.0	110.0	
134	23.6	0.0	47.4	

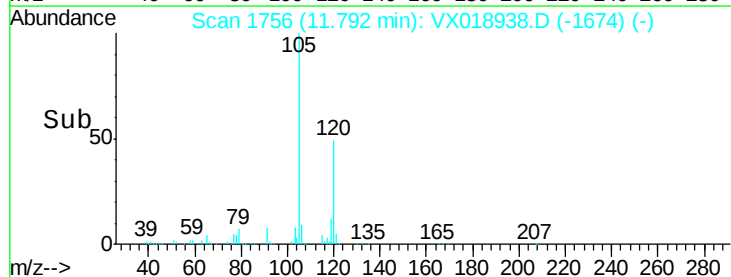
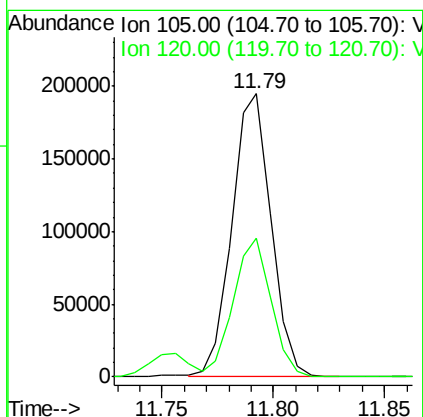
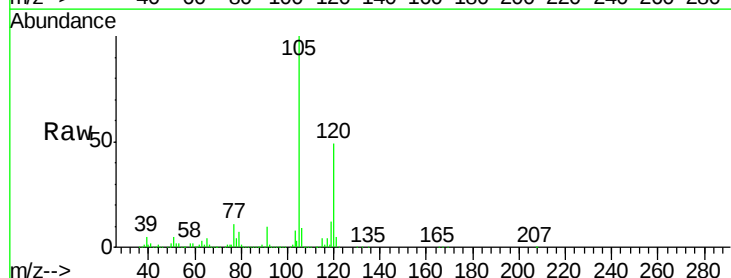
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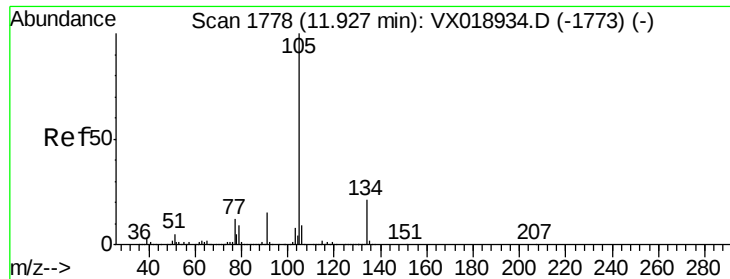
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#80
1,2,4-Trimethylbenzene
Concen: 20.916 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018938.D
Acq: 15 Oct 2020 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	238220		
120	47.4	0.0	93.0	





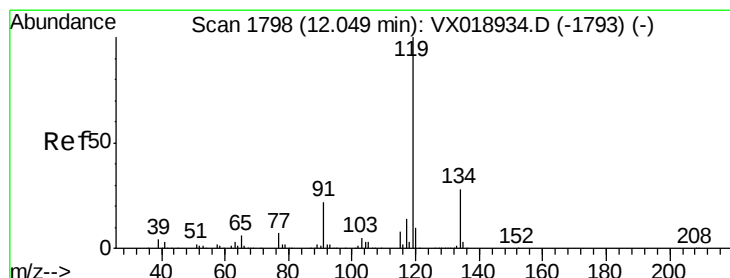
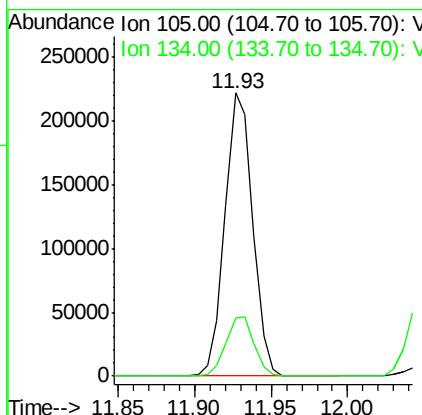
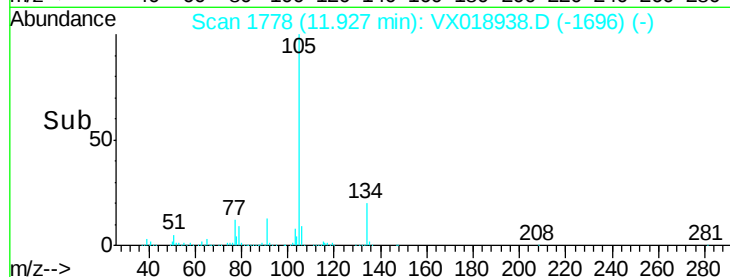
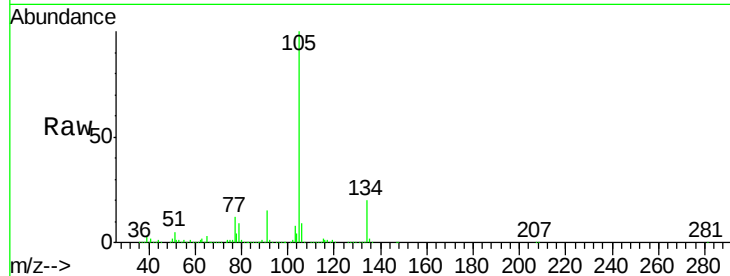
#81
 sec-Butylbenzene
 Concen: 20.943 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX018938.D
 Acq: 15 Oct 2020 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101520

Tot Ion	Ratio	Resp	Lower	Upper
105	100	278042		
134	21.3	0.0	42.6	

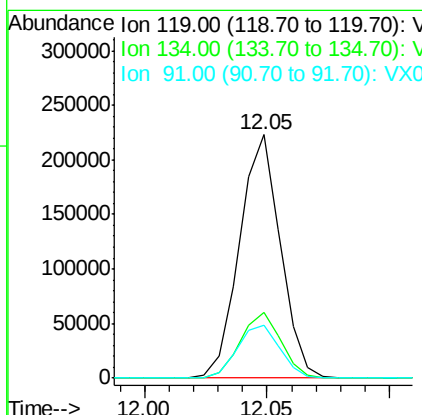
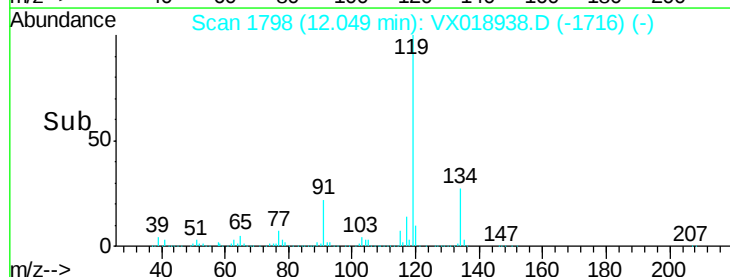
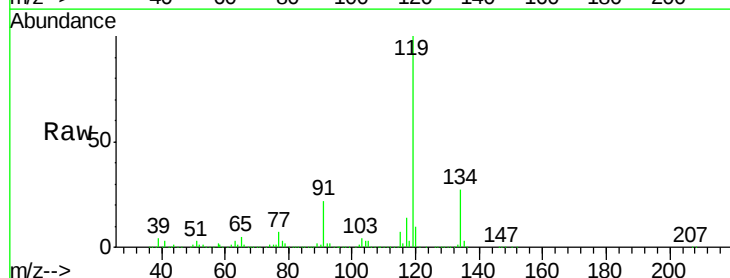
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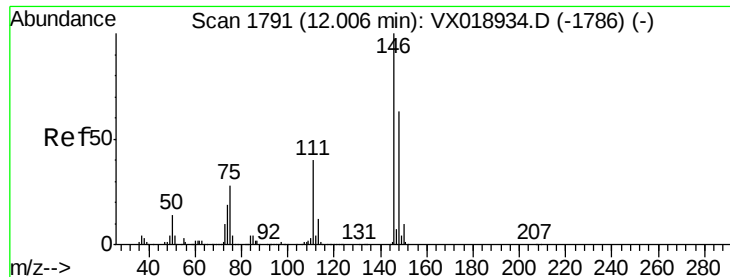
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#82
 p-Isopropyltoluene
 Concen: 20.937 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018938.D
 Acq: 15 Oct 2020 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	259113		
134	27.3	0.0	54.8	
91	22.5	0.0	45.4	





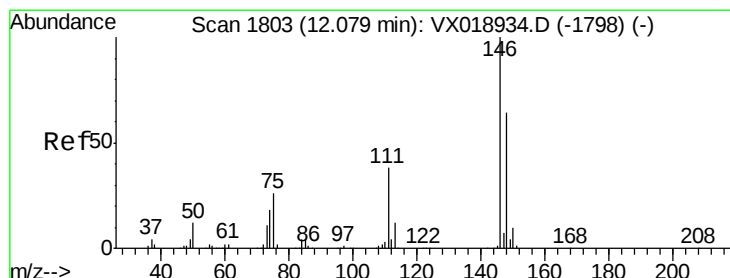
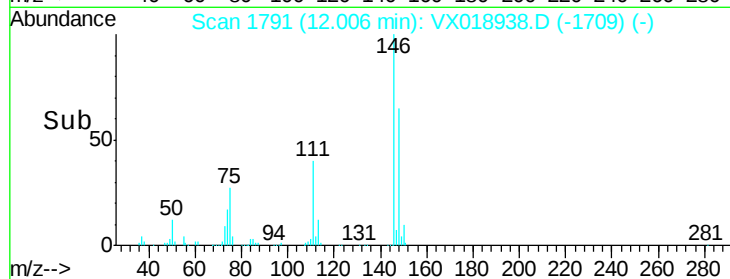
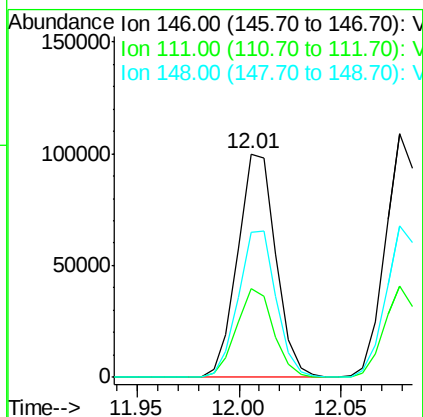
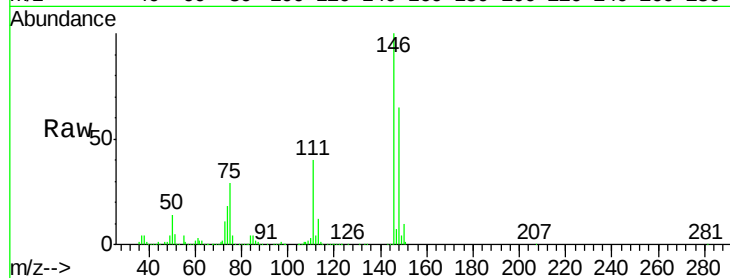
#83
 1,3-Dichlorobenzene
 Concen: 20.805 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018938.D
 Acq: 15 Oct 2020 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101520

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.9	59.7
148	64.7	31.9	95.5

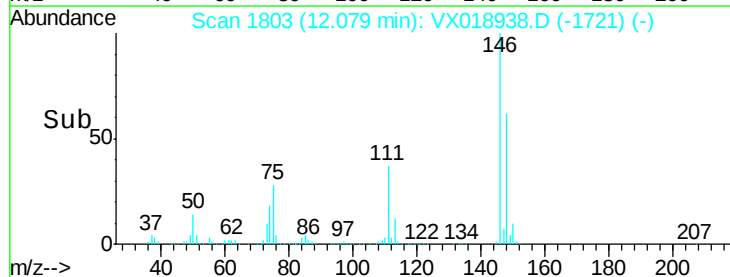
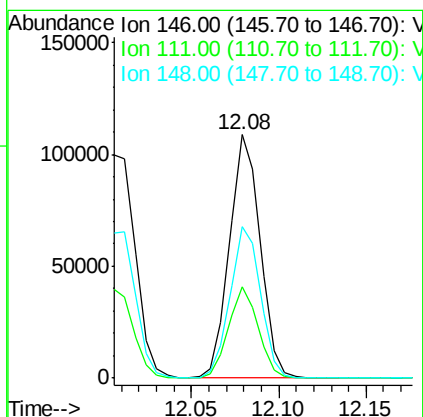
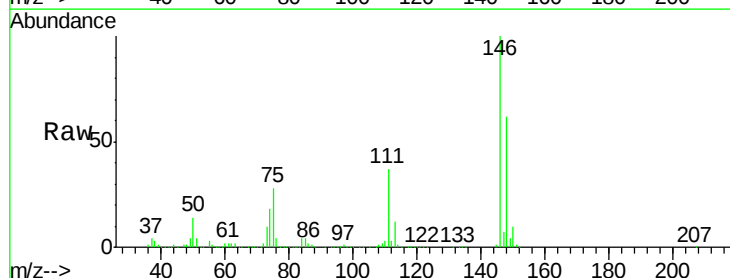
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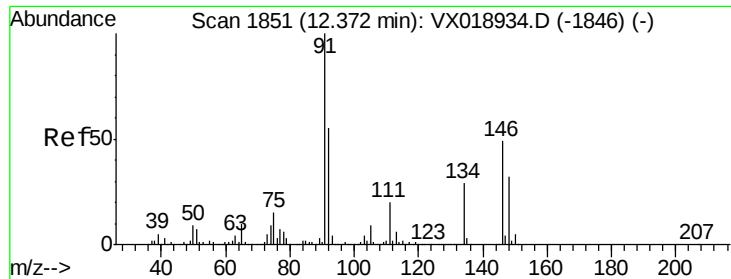
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#84
 1,4-Dichlorobenzene
 Concen: 21.157 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018938.D
 Acq: 15 Oct 2020 17:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.6	55.6
148	62.1	32.1	96.5





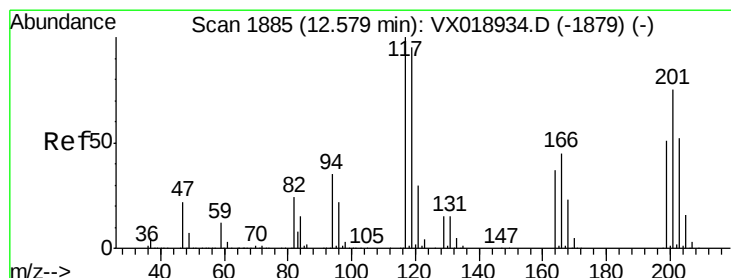
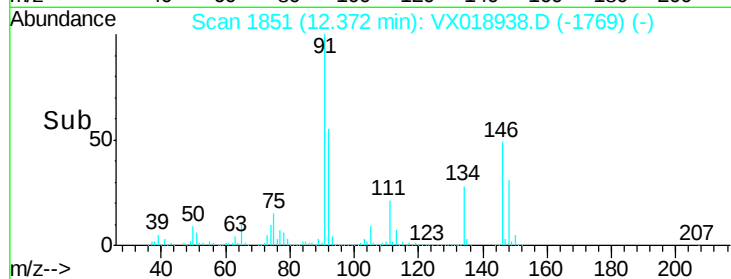
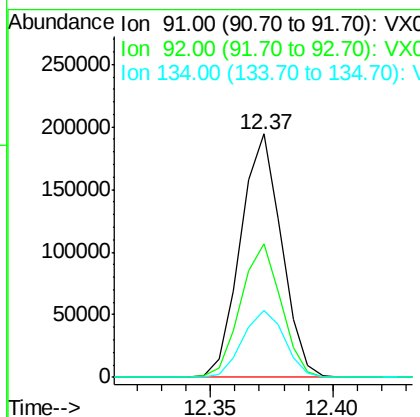
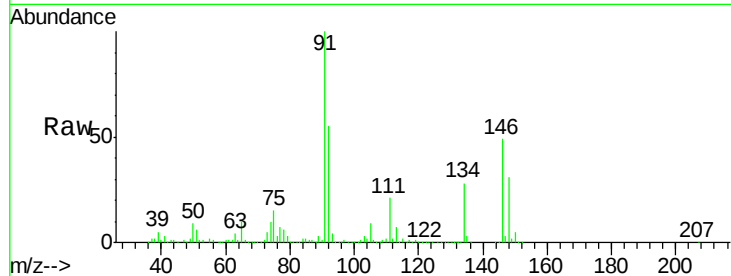
#85
n-Butylbenzene
Concen: 20.432 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018938.D
Acq: 15 Oct 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101520

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	0.0	109.6
134	28.2	0.0	56.4

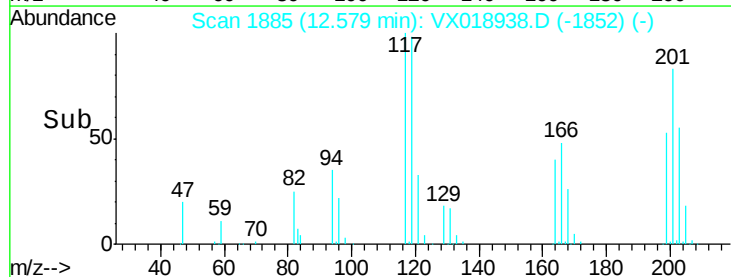
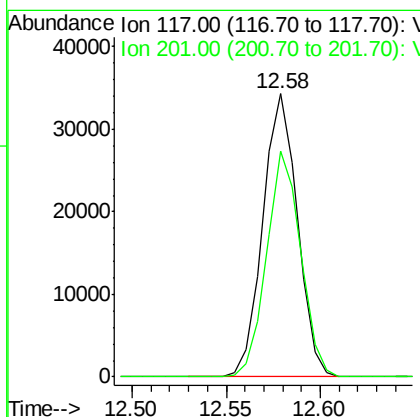
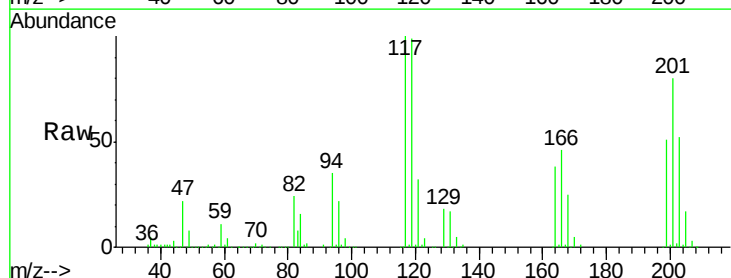
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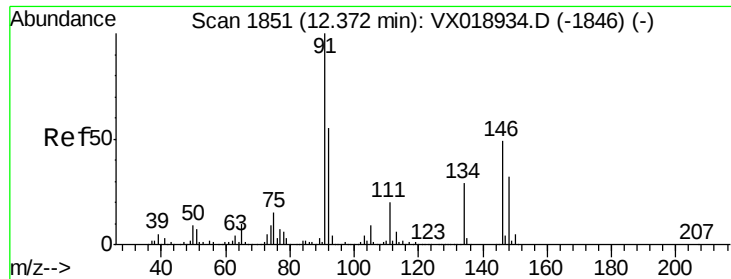
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#86
Hexachloroethane
Concen: 20.729 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018938.D
Acq: 15 Oct 2020 17:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.8	38.9	116.6





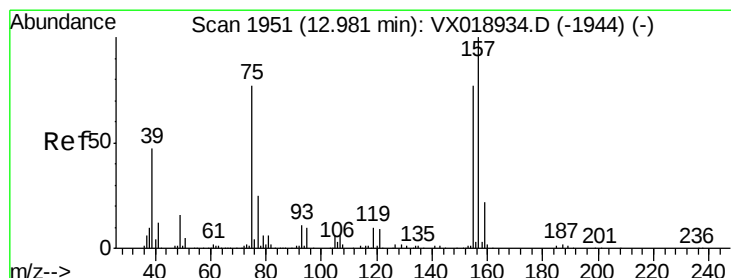
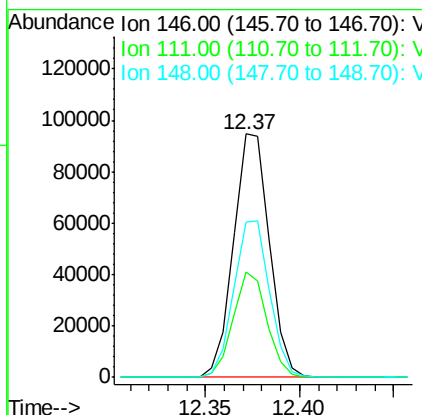
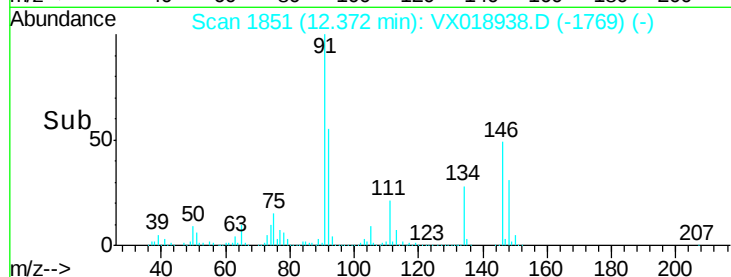
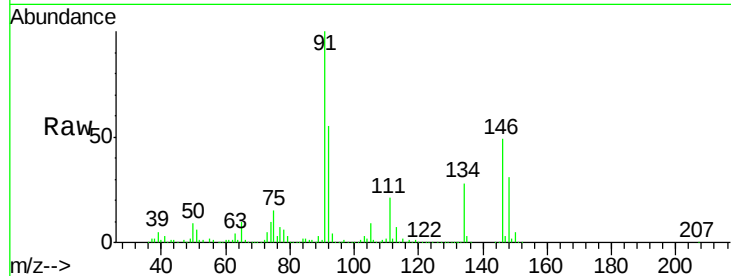
#87
 1,2-Dichlorobenzene
 Concen: 20.697 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX018938.D
 Acq: 15 Oct 2020 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101520

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.9	59.6
148	64.2	31.9	95.7

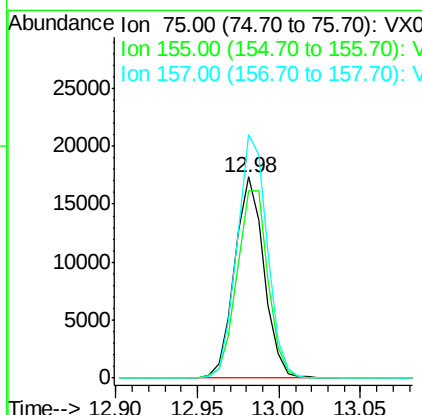
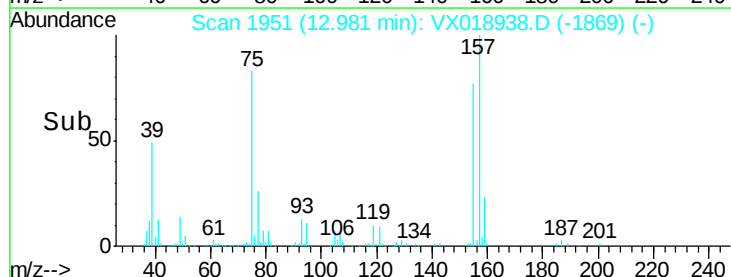
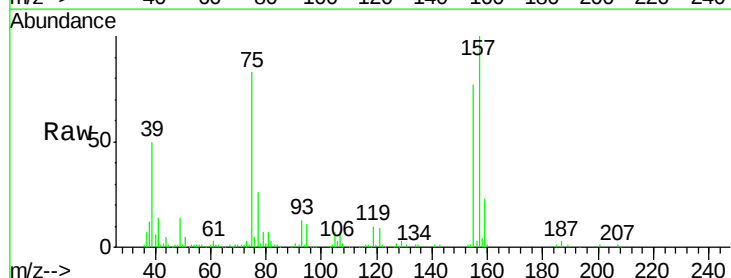
Manual Integrations
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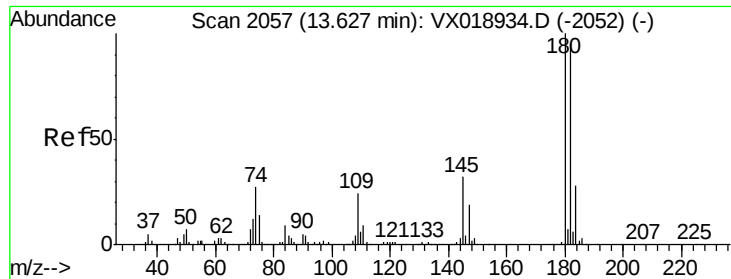
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 21.182 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018938.D
 Acq: 15 Oct 2020 17:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.5	79.3	118.9
157	123.8	104.2	156.4





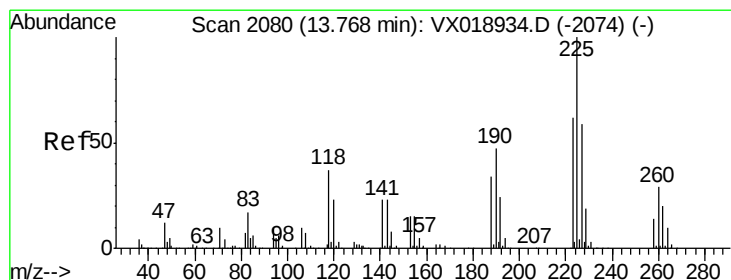
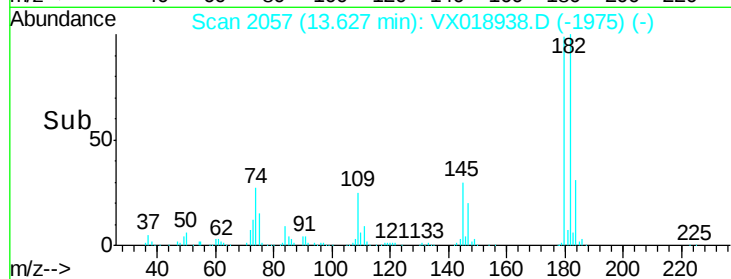
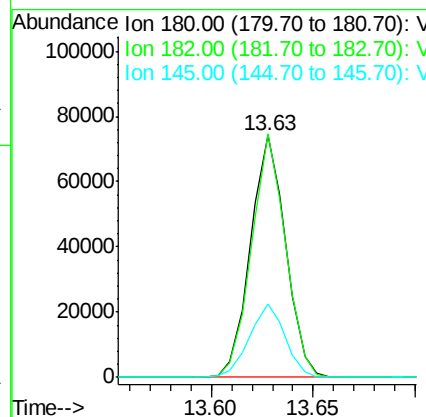
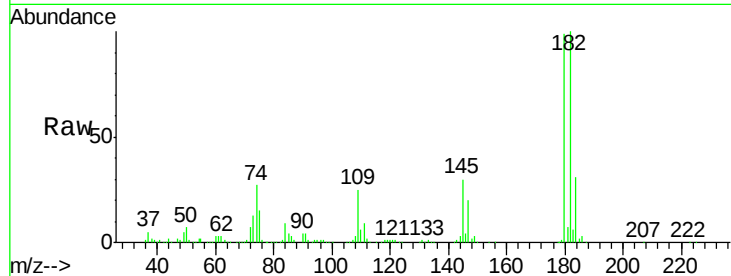
#89
 1,2,4-Trichlorobenzene
 Concen: 20.090 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018938.D
 Acq: 15 Oct 2020 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101520

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.5	75.4	113.2
145	30.6	24.8	37.2

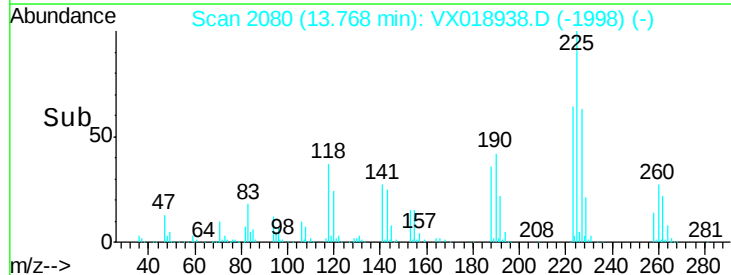
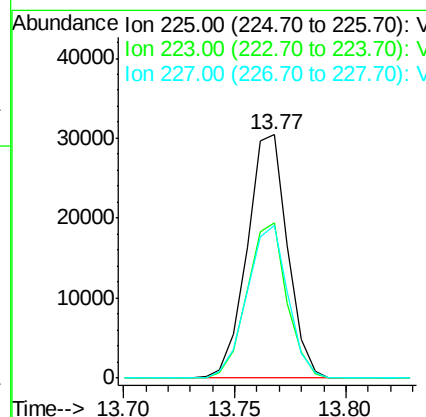
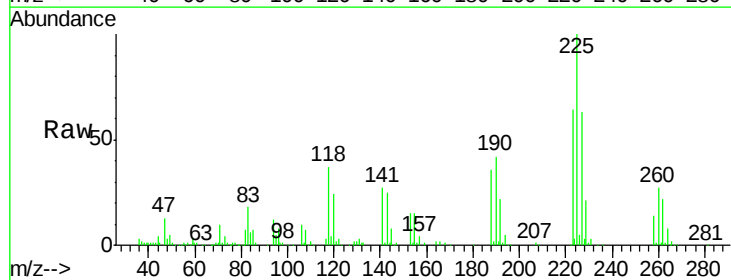
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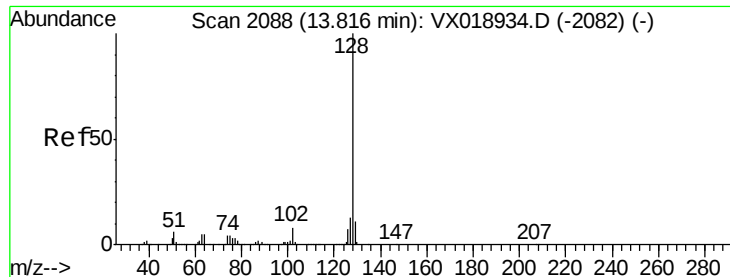
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#90
 Hexachlorobutadiene
 Concen: 20.884 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX018938.D
 Acq: 15 Oct 2020 17:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	0.0	128.8
227	63.4	0.0	123.2





#91

Naphthalene

Concen: 21.113 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Instrument :

MSVOA_X

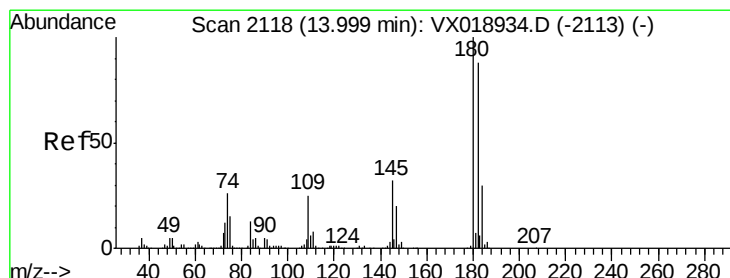
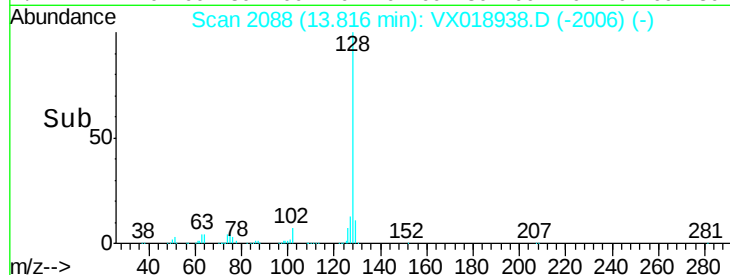
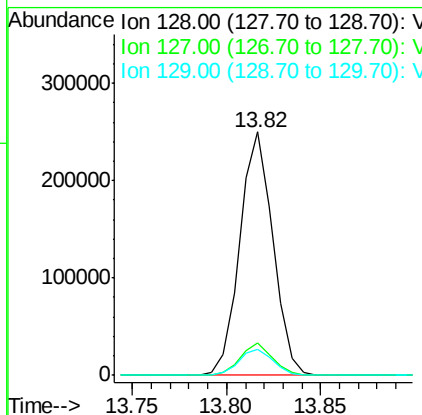
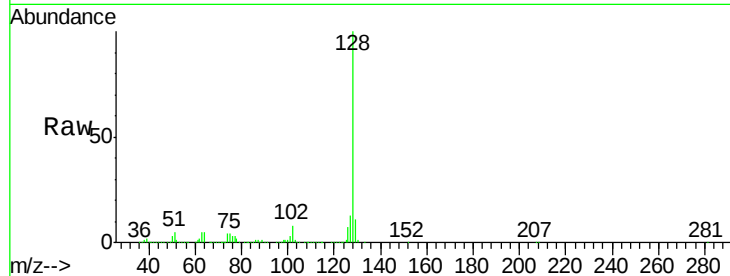
ClientSampleId :

ICVVX101520

Tot Ion:	128	Resp:	304325
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.2
129	10.9	8.7	13.1

Manual Integrations
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#92

1,2,3-Trichlorobenzene

Concen: 20.762 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018938.D

Acq: 15 Oct 2020 17:05

Tgt Ion:	180	Resp:	89480
Ion Ratio	Lower	Upper	
180	100		
182	95.8	0.0	190.8
145	31.7	0.0	64.4

