

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110920\
 Data File : VX019373.D
 Acq On : 09 Nov 2020 17:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 10 01:47:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	240694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	413180	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	380896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	198860	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	163797	52.77	ug/l	0.00
Spiked Amount			Recovery	=	105.54%	
35) Dibromofluoromethane	5.46	113	128345	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
50) Toluene-d8	8.70	98	489281	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.12	95	190826	51.50	ug/l	0.00
Spiked Amount			Recovery	=	103.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	99450	49.562	ug/l	99
3) Chloromethane	1.31	50	115812	51.661	ug/l	100
4) Vinyl Chloride	1.39	62	139820	53.781	ug/l	99
5) Bromomethane	1.63	94	81814	46.080	ug/l	98
6) Chloroethane	1.71	64	93701	56.449	ug/l	95
7) Trichlorofluoromethane	1.92	101	214983	52.636	ug/l	95
8) Diethyl Ether	2.17	74	88558	56.495	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	120802	53.361	ug/l	98
10) Methyl Iodide	2.49	142	98580	38.564	ug/l	100
11) Tert butyl alcohol	3.01	59	166985	272.365	ug/l	100
12) 1,1-Dichloroethene	2.36	96	119692	51.307	ug/l	97
13) Acrolein	2.27	56	70651	257.567	ug/l	98
14) Allyl chloride	2.71	41	201101	56.913	ug/l	97
15) Acrylonitrile	3.11	53	371089	288.039	ug/l	100
16) Acetone	2.42	43	330650	308.775	ug/l	99
17) Carbon Disulfide	2.55	76	308307	46.419	ug/l	99
18) Methyl Acetate	2.75	43	159125	61.108	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	455542	56.358	ug/l	99
20) Methylene Chloride	2.84	84	142953	53.174	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	137324	51.147	ug/l	95
22) Diisopropyl ether	3.82	45	423504	60.120	ug/l	99
23) Vinyl Acetate	3.78	43	1849882	294.481	ug/l	98
24) 1,1-Dichloroethane	3.67	63	251915	57.276	ug/l	99
25) 2-Butanone	4.63	43	500141	296.353	ug/l	96
26) 2,2-Dichloropropane	4.55	77	218332	52.804	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	160346	53.445	ug/l	96
28) Bromochloromethane	4.98	49	111756	55.893	ug/l	91
29) Tetrahydrofuran	5.09	42	316562	297.647	ug/l	97
30) Chloroform	5.18	83	262804	56.136	ug/l	99
31) Cyclohexane	5.55	56	211633	53.936	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	233888	55.105	ug/l	99
36) 1,1-Dichloropropene	5.77	75	194499	50.977	ug/l	98
37) Ethyl Acetate	4.79	43	193794	54.705	ug/l	98
38) Carbon Tetrachloride	5.76	117	197282	50.728	ug/l	96

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 ClientSampleId :

Quant Time: Nov 10 01:47:02 2020
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 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	226997	49.757	ug/l	97
40) Benzene	6.11	78	575443	53.193	ug/l	99
41) Methacrylonitrile	5.00	41	105715	55.413	ug/l	98
42) 1,2-Dichloroethane	6.16	62	213987	53.673	ug/l	100
43) Isopropyl Acetate	6.41	43	325120	54.811	ug/l	98
44) Trichloroethene	7.19	130	151000	48.739	ug/l	96
45) 1,2-Dichloropropane	7.49	63	148296	55.968	ug/l	99
46) Dibromomethane	7.63	93	100873	51.483	ug/l	98
47) Bromodichloromethane	7.88	83	205944	53.326	ug/l	99
48) Methyl methacrylate	7.74	41	160432	56.194	ug/l	97
49) 1,4-Dioxane	7.72	88	66911	1053.860	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	981335	287.847	ug/l	99
52) Toluene	8.76	92	367206	52.703	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	230655	52.290	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	249862	53.867	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	147628	53.626	ug/l	98
56) Ethyl methacrylate	9.16	69	232396	55.889	ug/l	98
57) 1,3-Dichloropropane	9.35	76	252452	54.392	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	609921	262.277	ug/l	96
59) 2-Hexanone	9.47	43	749120	288.663	ug/l	98
60) Dibromochloromethane	9.57	129	157234	52.629	ug/l	99
61) 1,2-Dibromoethane	9.65	107	153711	52.215	ug/l	100
64) Tetrachloroethene	9.32	164	134869	46.474	ug/l	99
65) Chlorobenzene	10.12	112	384968	49.449	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	143555	51.221	ug/l	99
67) Ethyl Benzene	10.24	91	707830	51.024	ug/l	99
68) m/p-Xylenes	10.34	106	529964	101.787	ug/l	97
69) o-Xylene	10.68	106	254835	51.603	ug/l	99
70) Styrene	10.70	104	436342	51.785	ug/l	99
71) Bromoform	10.84	173	112291	50.533	ug/l #	99
73) Isopropylbenzene	11.00	105	685056	48.667	ug/l	99
74) N-amyl acetate	10.88	43	281161	54.629	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	234128	53.220	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	272306	66.318	ug/l	86
77) Bromobenzene	11.24	156	165050	47.244	ug/l	92
78) n-propylbenzene	11.34	91	803715	50.018	ug/l	99
79) 2-Chlorotoluene	11.40	91	470430	49.727	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	585881	49.268	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	75535	48.437	ug/l	97
82) 4-Chlorotoluene	11.49	91	569434	49.292	ug/l	98
83) tert-Butylbenzene	11.76	119	565731	49.686	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	597102	49.737	ug/l	98
85) sec-Butylbenzene	11.93	105	680720	49.847	ug/l	99
86) p-Isopropyltoluene	12.05	119	624684	49.560	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	313507	48.188	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	316627	46.753	ug/l	99
89) n-Butylbenzene	12.37	91	583294	49.232	ug/l	98
90) Hexachloroethane	12.58	117	107212	50.041	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	314282	50.308	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	52805	49.033	ug/l	96

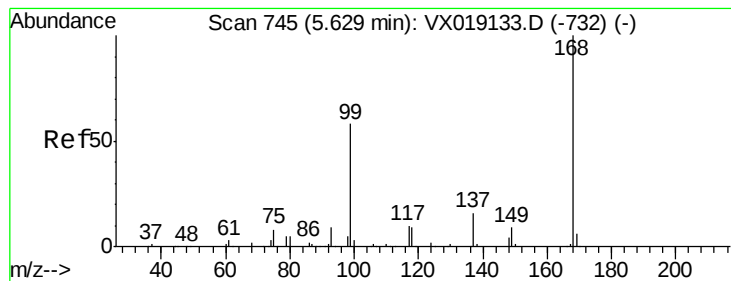
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110920\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	204200	43.517	ug/l	98
94) Hexachlorobutadiene	13.76	225	85016	41.157	ug/l	98
95) Naphthalene	13.82	128	697215	47.176	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	194572	42.742	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

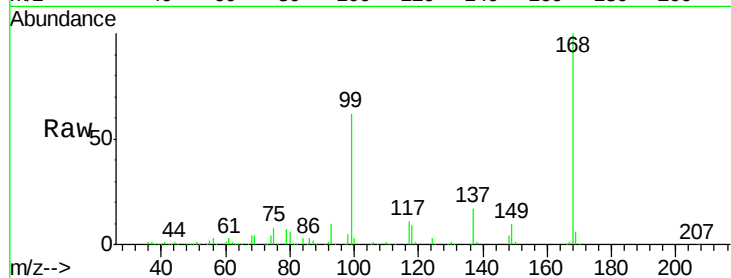
ClientSampleId :

Tot Ion:168 Resp: 240694

Ion Ratio Lower Upper

168 100

99 61.7 46.6 69.8

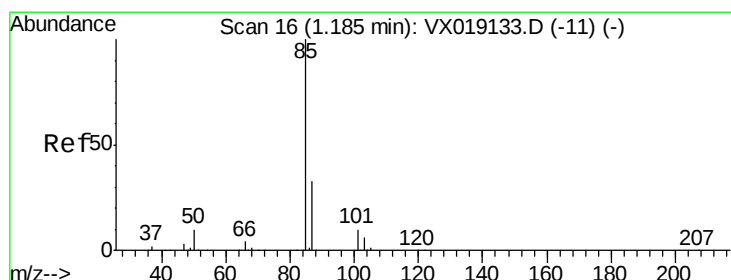
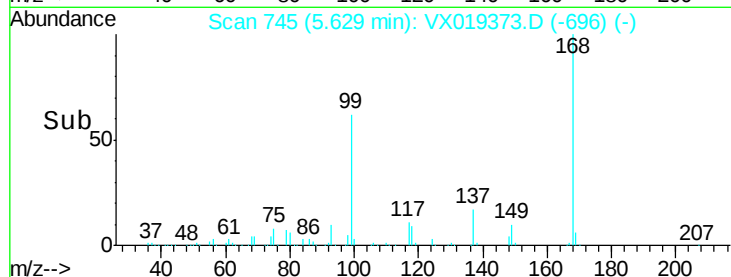


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

Time-->



#2

Dichlorodifluoromethane

Concen: 49.562 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019373.D

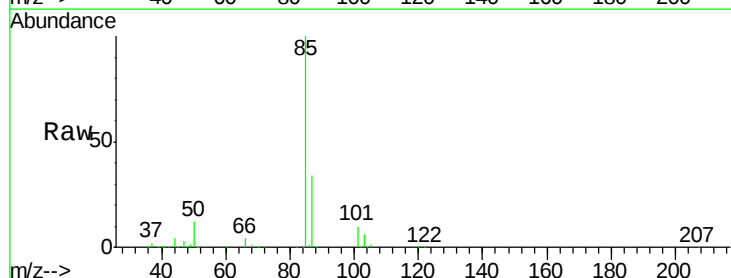
Acq: 09 Nov 2020 17:13

Tgt Ion: 85 Resp: 99450

Ion Ratio Lower Upper

85 100

87 33.6 16.6 49.7

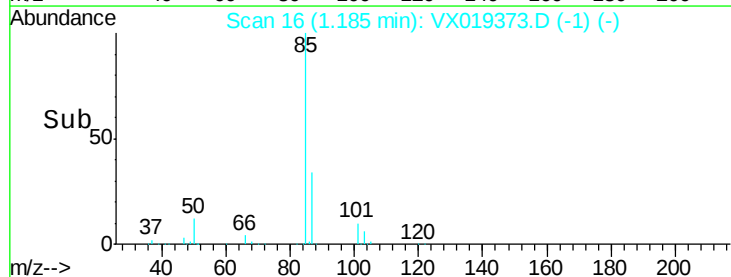


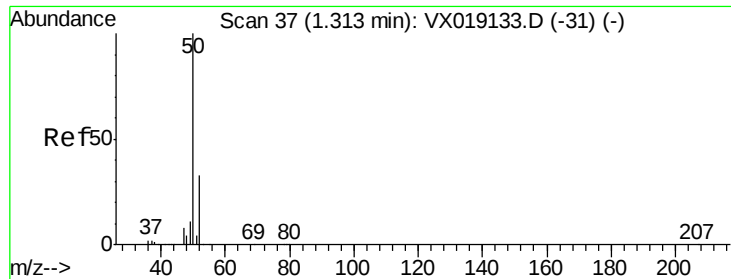
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

Time-->





#3

Chloromethane

Concen: 51.661 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

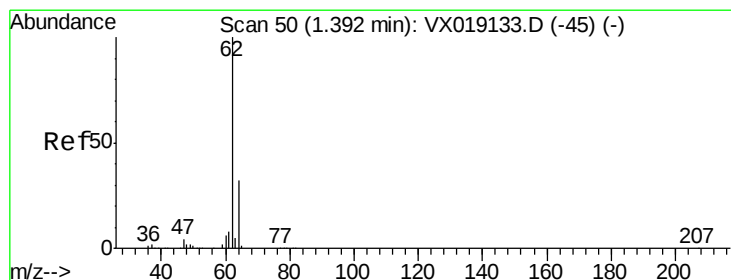
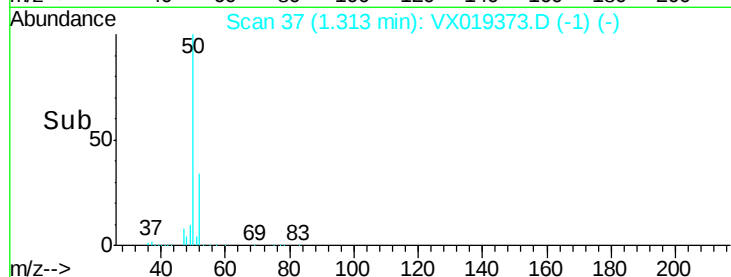
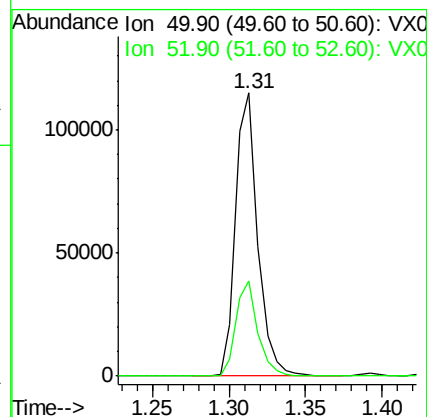
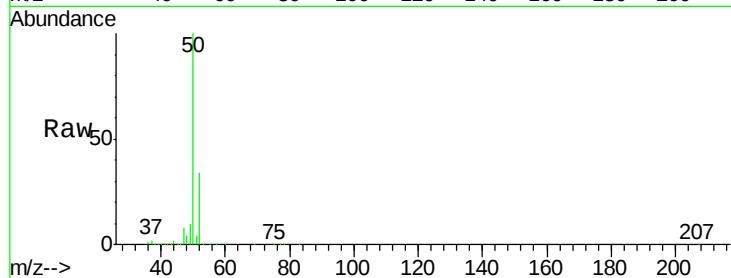
ClientSampleId :

Tot Ion: 50 Resp: 115812

Ion Ratio Lower Upper

50 100

52 33.7 26.8 40.2



#4

Vinyl Chloride

Concen: 53.781 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019373.D

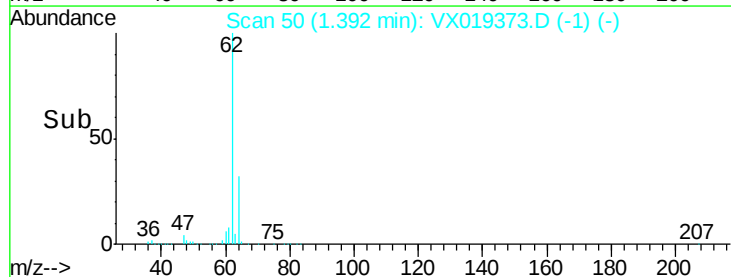
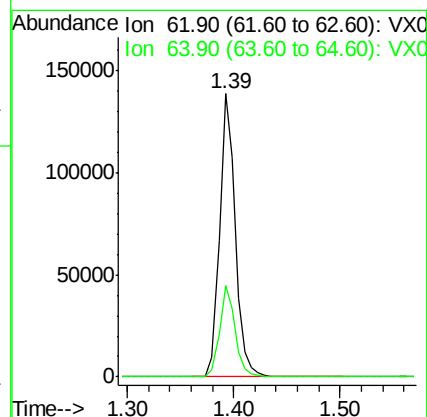
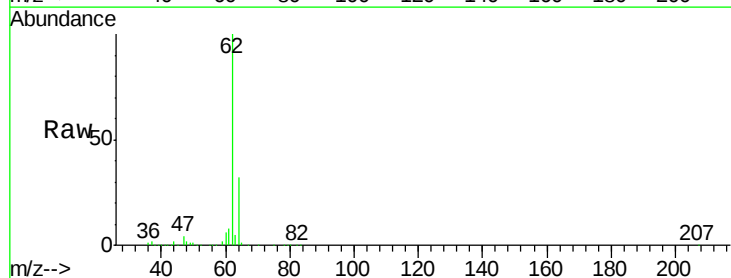
Acq: 09 Nov 2020 17:13

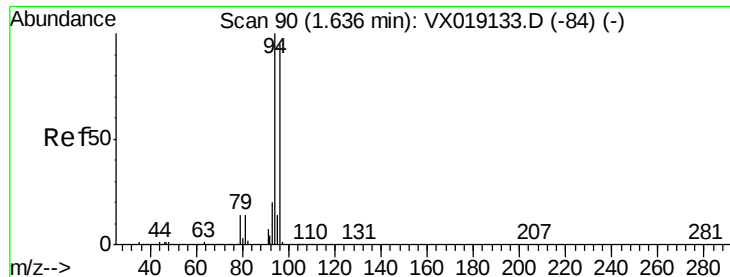
Tgt Ion: 62 Resp: 139820

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.0





#5

Bromomethane

Concen: 46.080 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

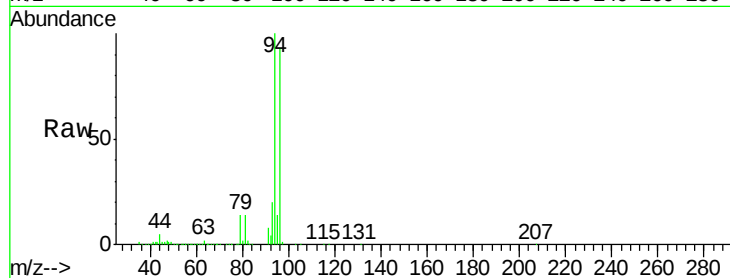
ClientSampleId :

Tot Ion: 94 Resp: 81814

Ion Ratio Lower Upper

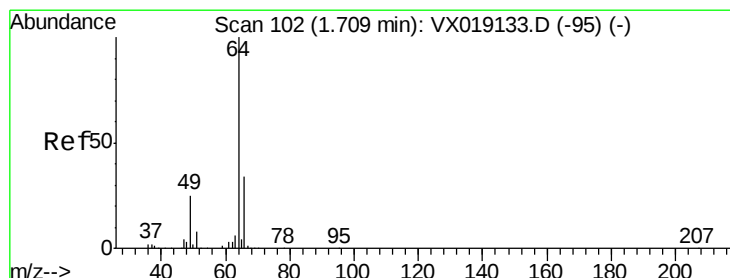
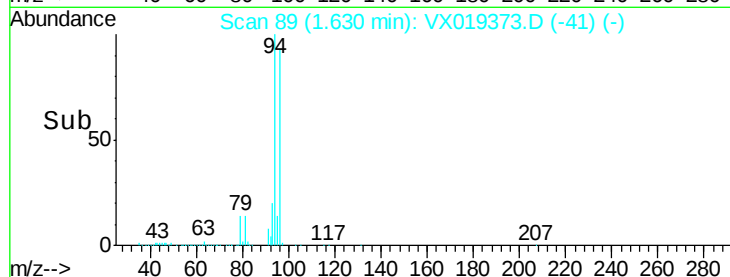
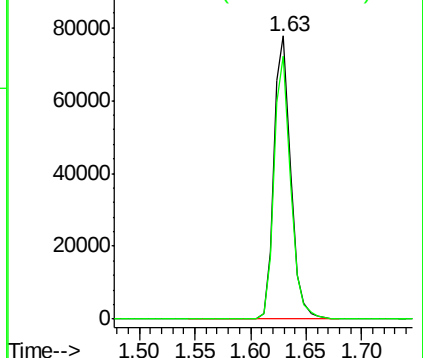
94 100

96 93.1 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 56.449 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX019373.D

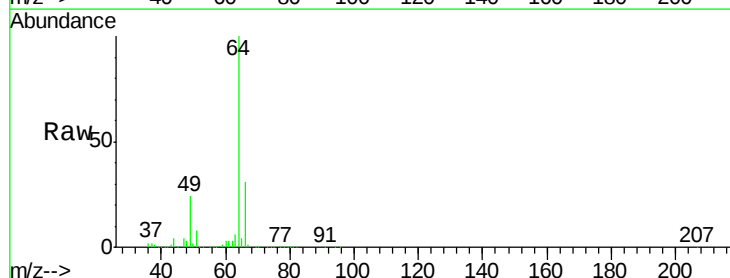
Acq: 09 Nov 2020 17:13

Tgt Ion: 64 Resp: 93701

Ion Ratio Lower Upper

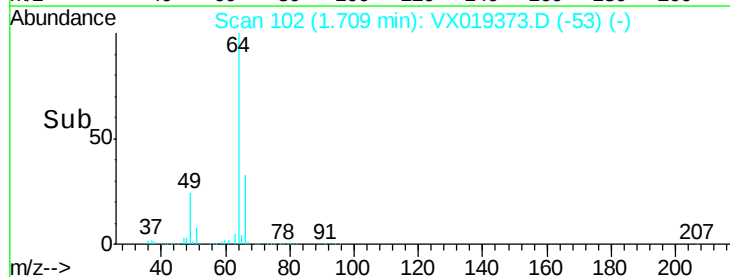
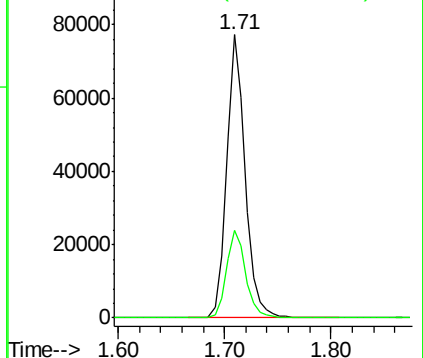
64 100

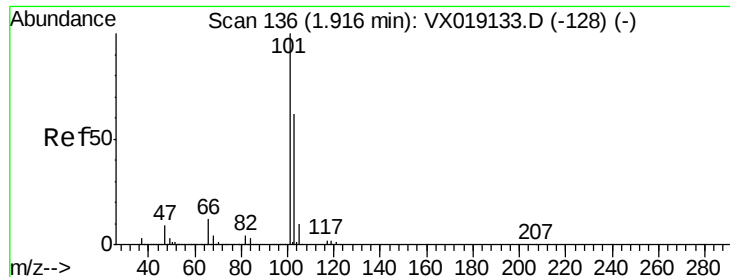
66 31.0 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



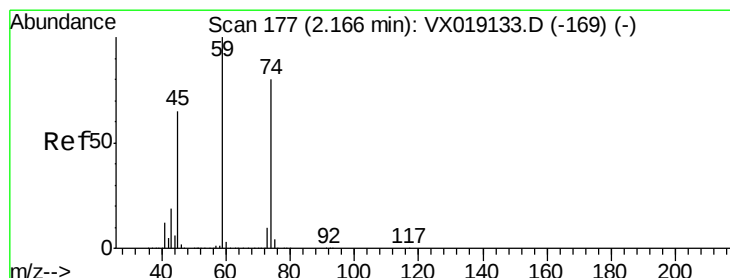
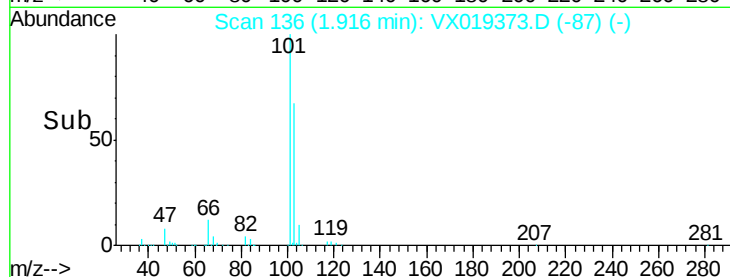
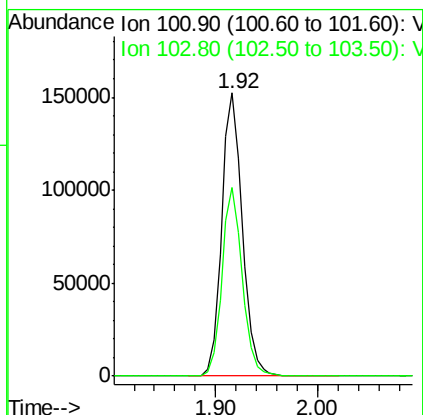
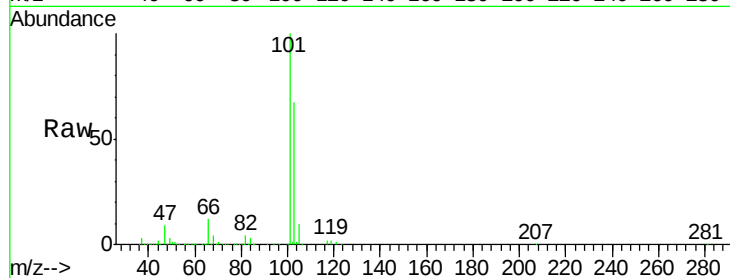


#7

Trichlorofluoromethane
Concen: 52.636 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Instrument :
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ClientSampleId :

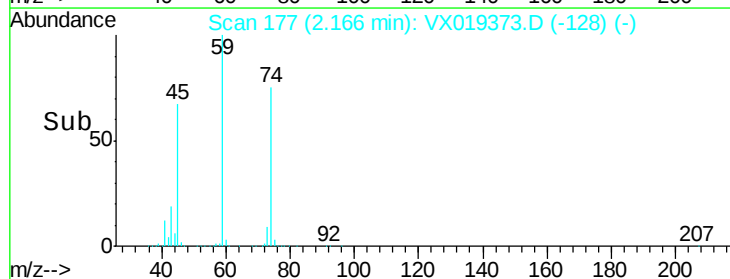
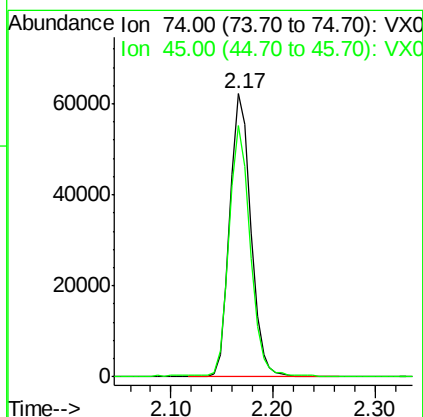
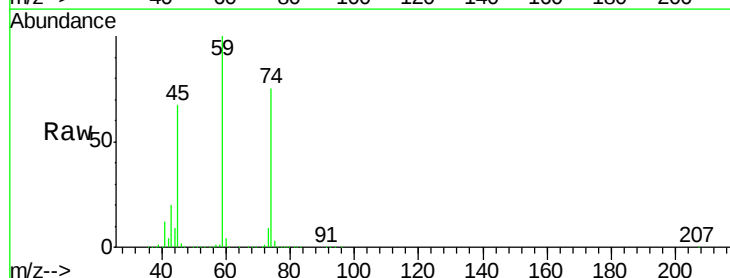
Tot Ion:101 Resp: 214983
Ion Ratio Lower Upper
101 100
103 66.6 50.0 75.0

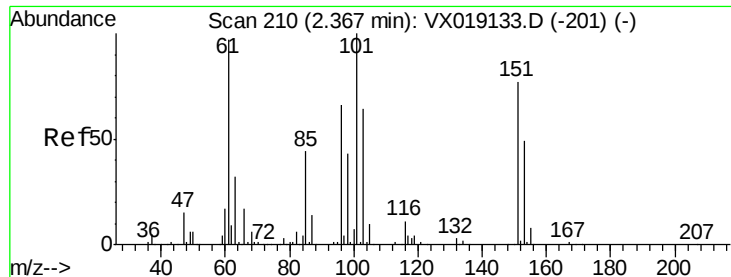


#8

Diethyl Ether
Concen: 56.495 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion: 74 Resp: 88558
Ion Ratio Lower Upper
74 100
45 89.2 41.0 123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.361 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

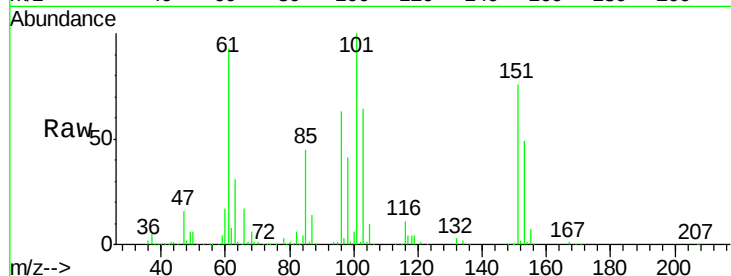
Tot Ion:101 Resp: 120802

Ion Ratio Lower Upper

101 100

85 44.4 35.0 52.4

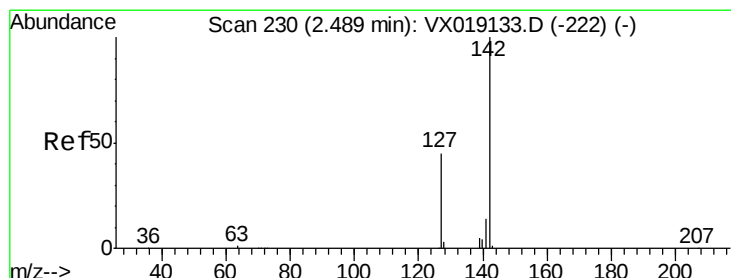
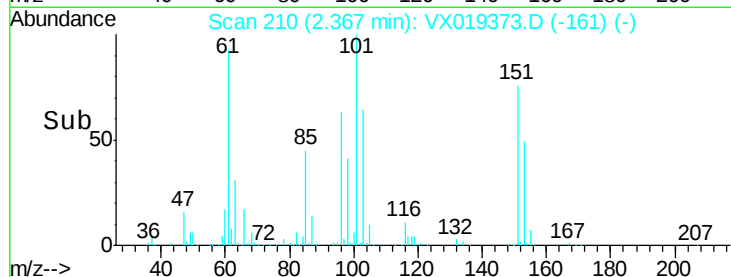
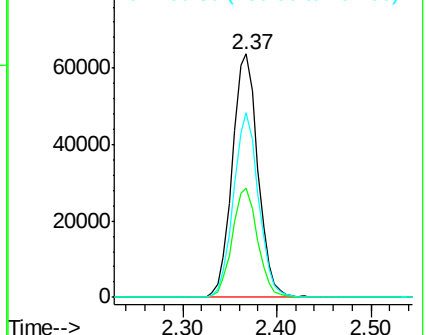
151 74.2 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 38.564 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

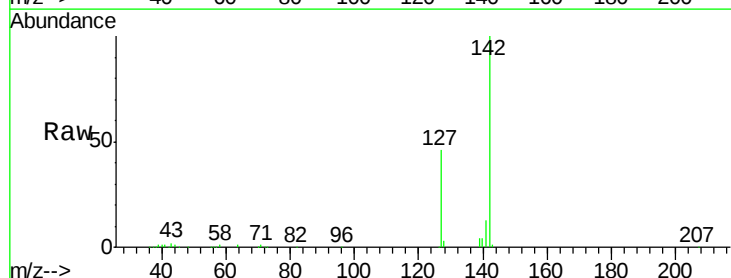
Tgt Ion:142 Resp: 98580

Ion Ratio Lower Upper

142 100

127 45.4 36.1 54.1

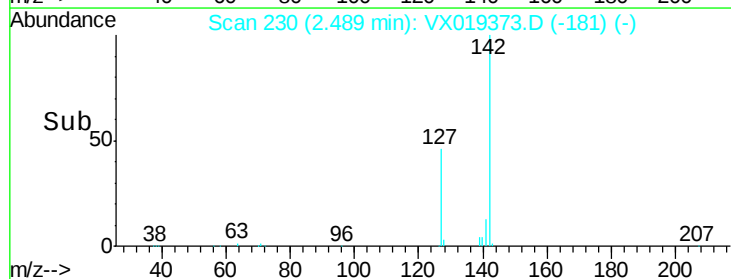
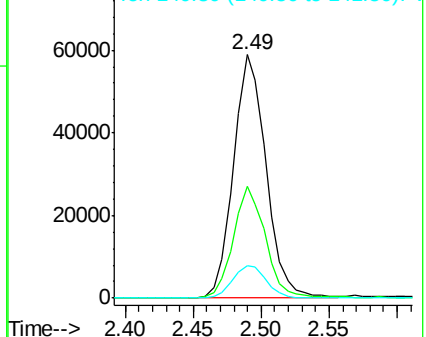
141 14.0 11.3 16.9

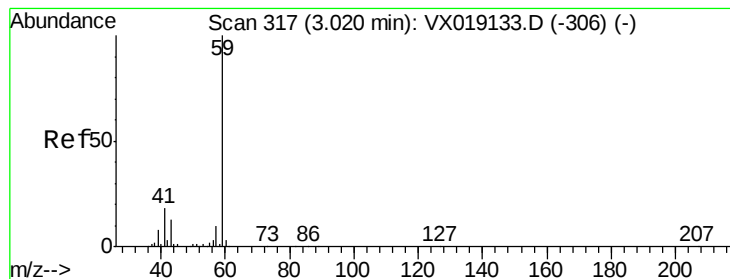


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



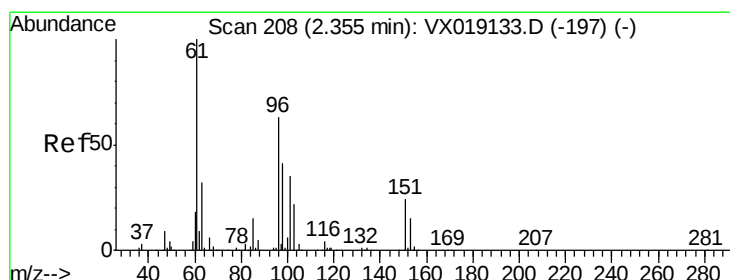
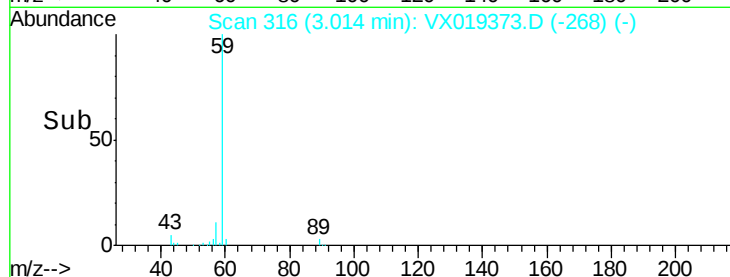
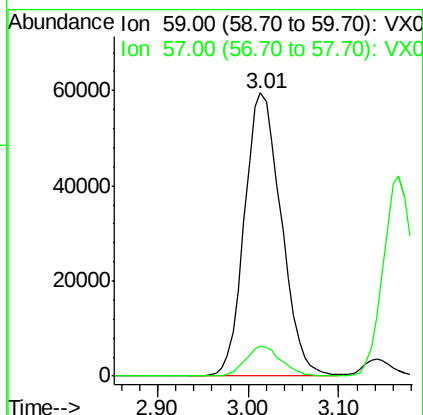
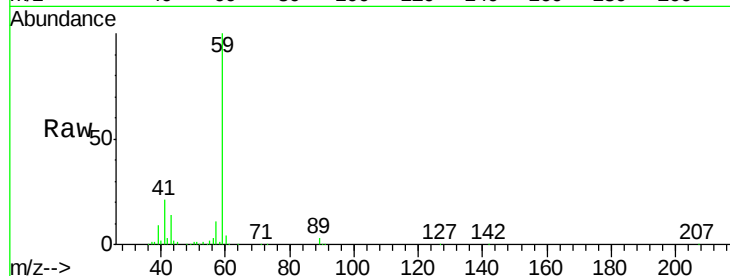


#11

Tert butyl alcohol
Concen: 272.365 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_X
ClientSampled :

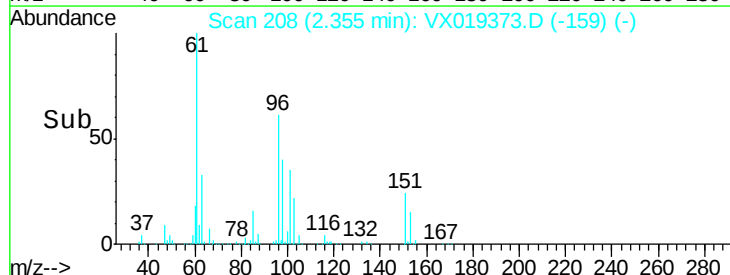
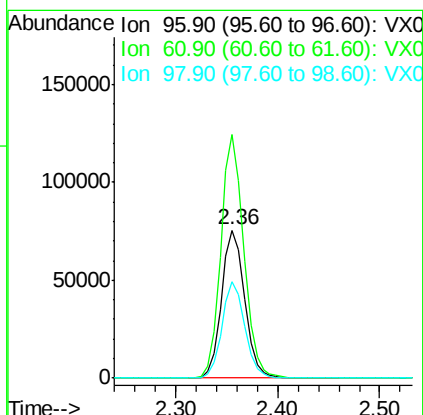
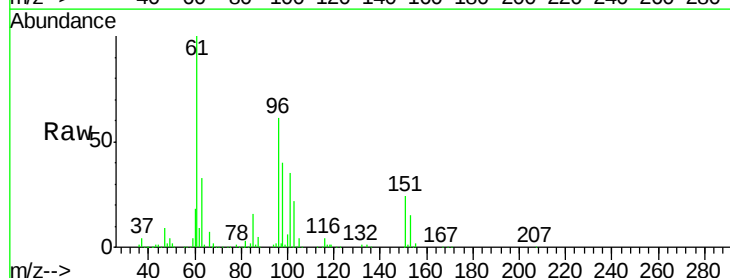
Tot Ion: 59 Resp: 166985
Ion Ratio Lower Upper
59 100
57 10.3 8.4 12.6

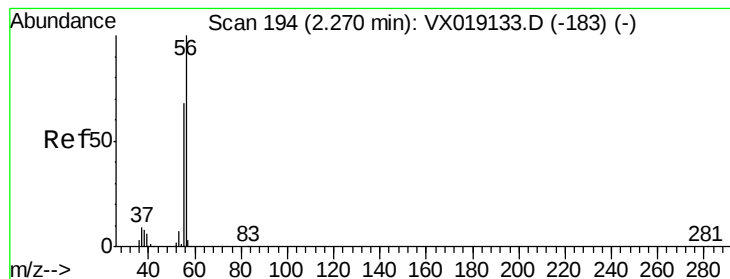


#12

1,1-Dichloroethene
Concen: 51.307 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion: 96 Resp: 119692
Ion Ratio Lower Upper
96 100
61 164.6 127.7 191.5
98 65.1 52.1 78.1





#13

Acrolein

Concen: 257.567 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

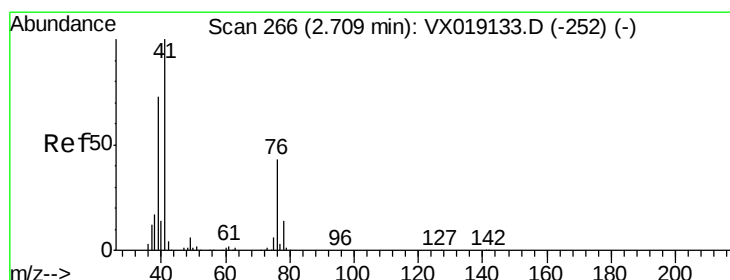
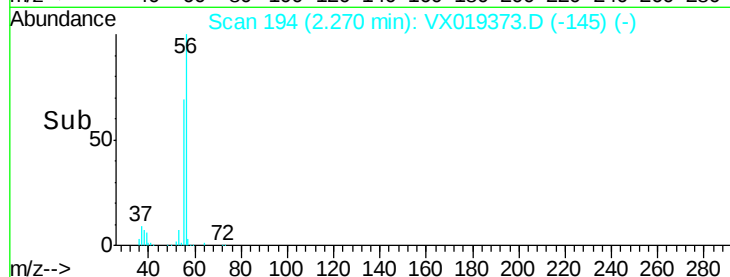
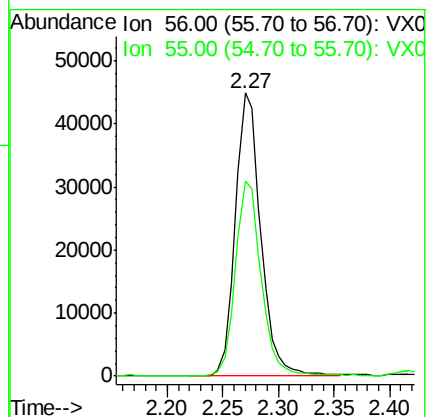
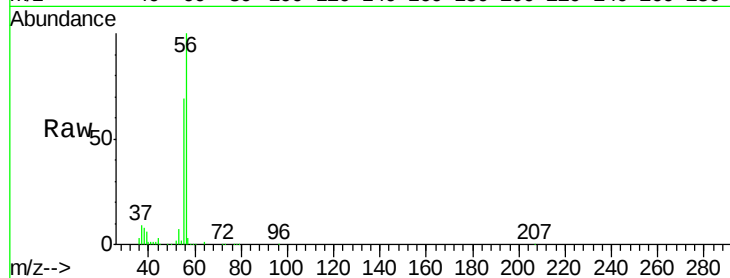
ClientSampleId :

Tot Ion: 56 Resp: 70651

Ion Ratio Lower Upper

56 100

55 69.8 54.7 82.1



#14

Allyl chloride

Concen: 56.913 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

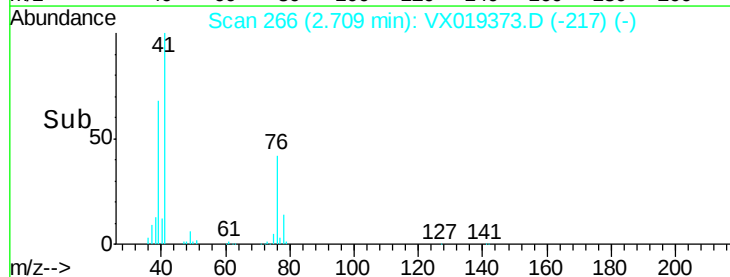
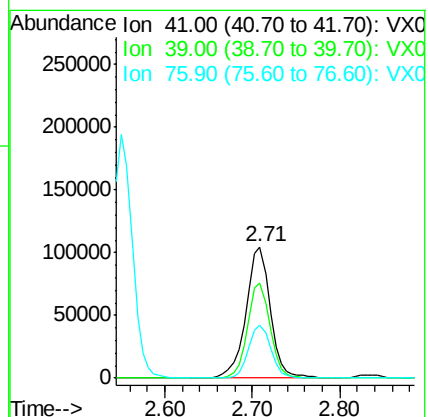
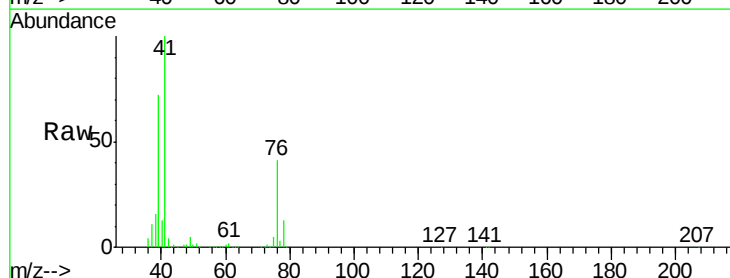
Tgt Ion: 41 Resp: 201101

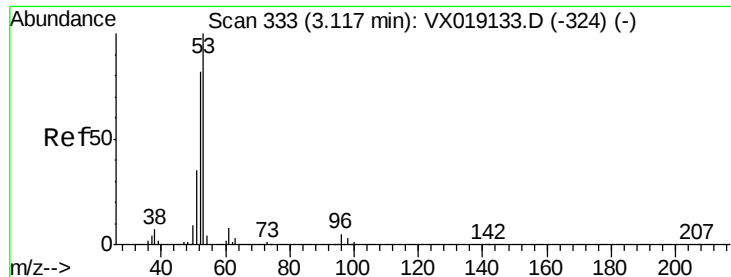
Ion Ratio Lower Upper

41 100

39 67.4 55.2 82.8

76 37.1 31.5 47.3





#15

Acrylonitrile

Concen: 288.039 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

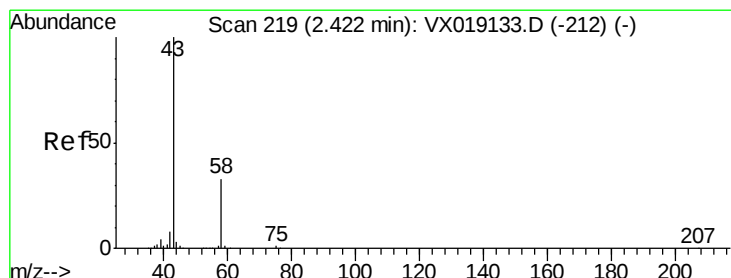
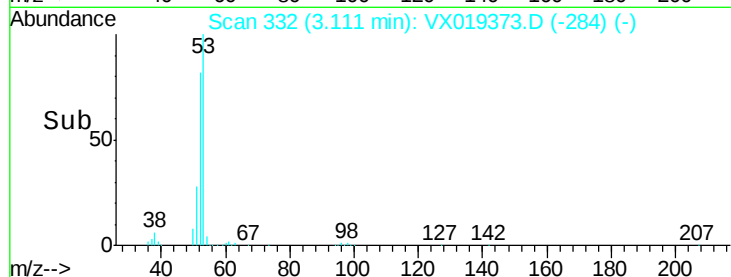
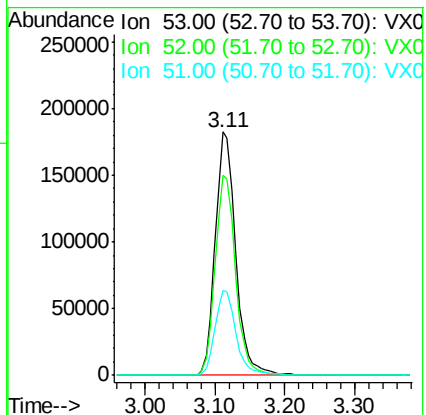
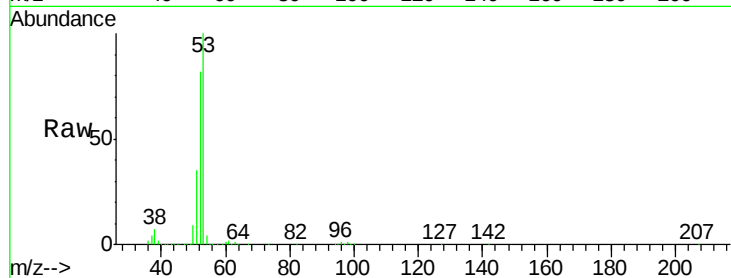
Tot Ion: 53 Resp: 371089

Ion Ratio Lower Upper

53 100

52 82.0 65.7 98.5

51 35.7 28.4 42.6



#16

Acetone

Concen: 308.775 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019373.D

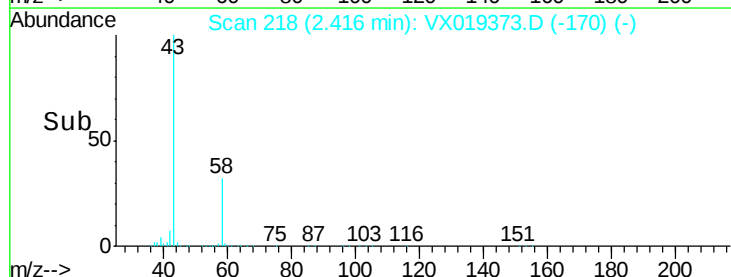
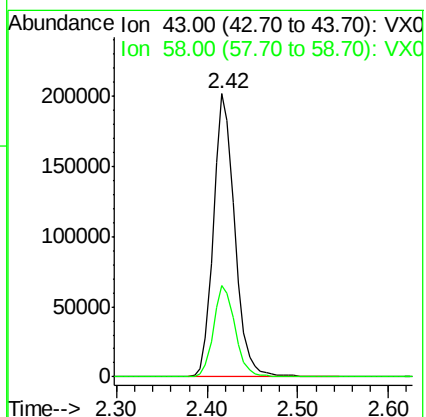
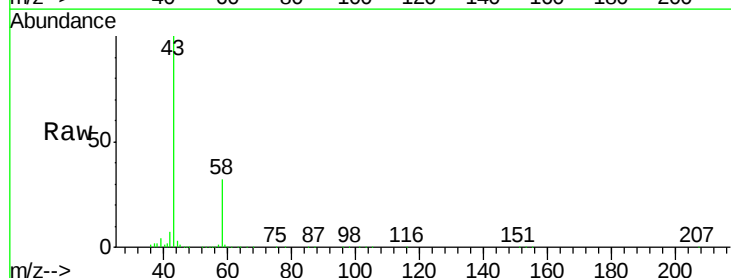
Acq: 09 Nov 2020 17:13

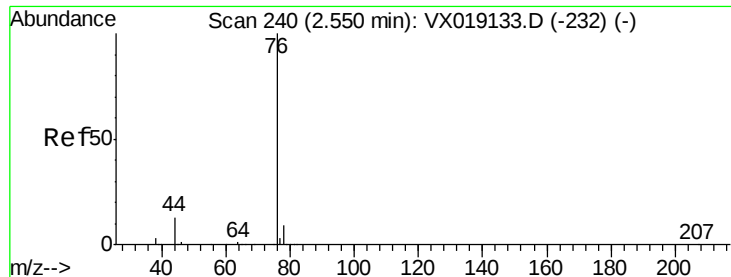
Tgt Ion: 43 Resp: 330650

Ion Ratio Lower Upper

43 100

58 32.1 26.3 39.5





#17

Carbon Disulfide

Concen: 46.419 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

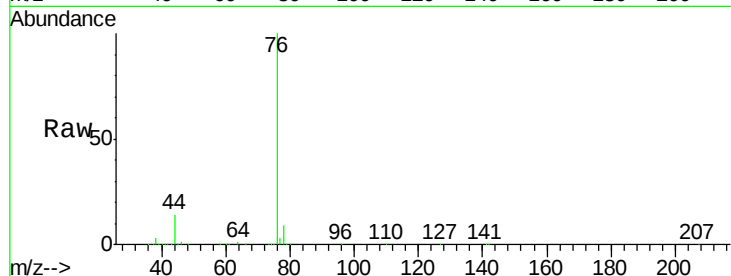
ClientSampleId :

Tot Ion: 76 Resp: 308307

Ion Ratio Lower Upper

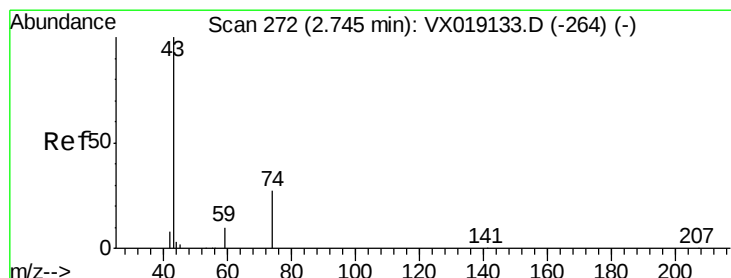
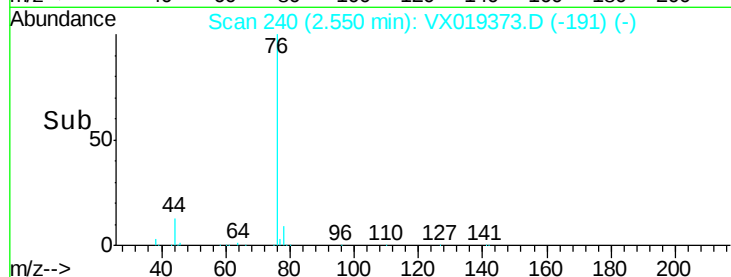
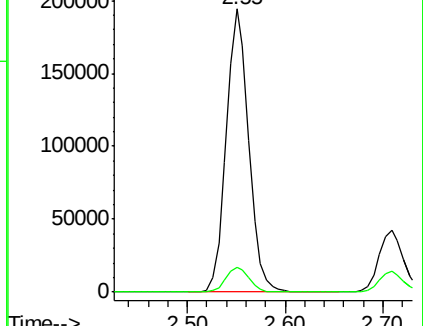
76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 61.108 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX019373.D

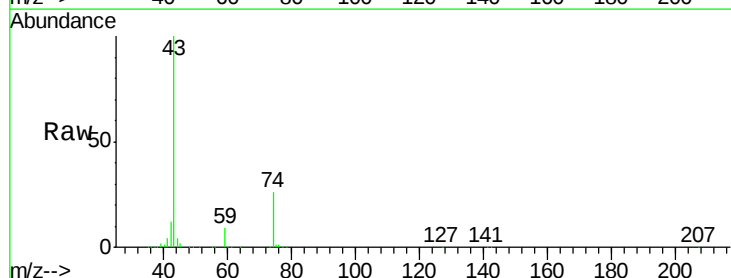
Acq: 09 Nov 2020 17:13

Tgt Ion: 43 Resp: 159125

Ion Ratio Lower Upper

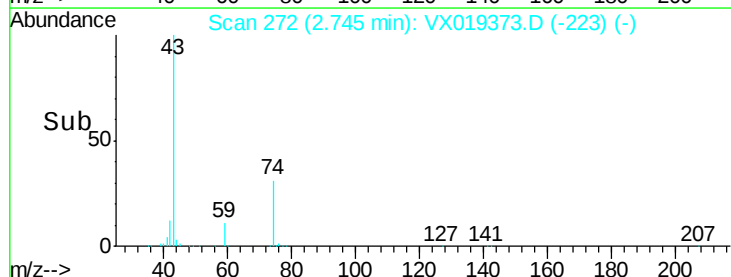
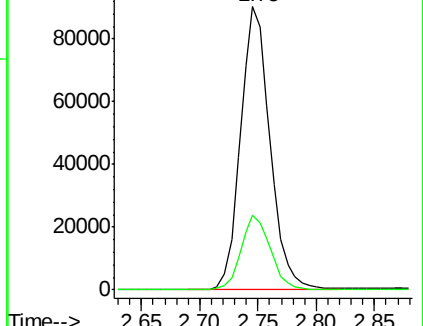
43 100

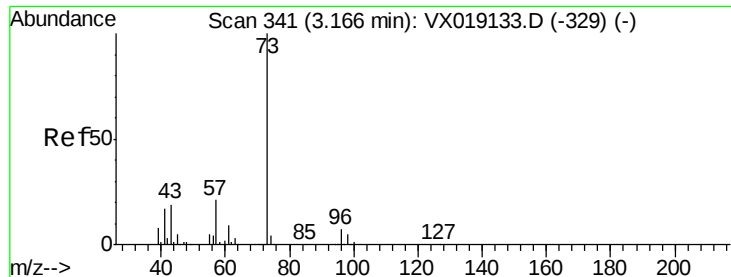
74 26.8 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



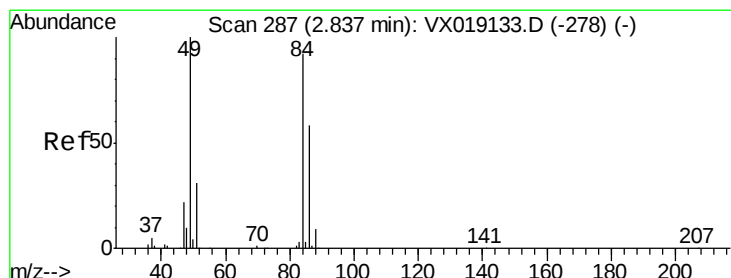
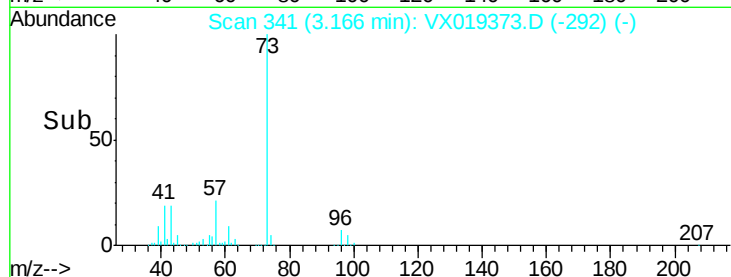
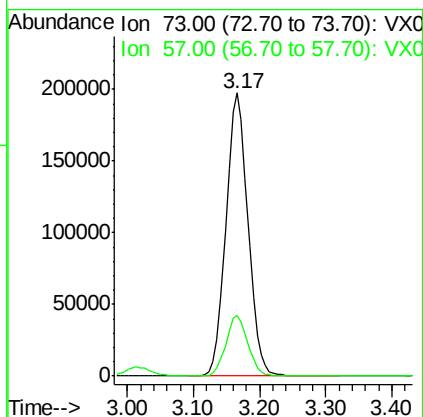
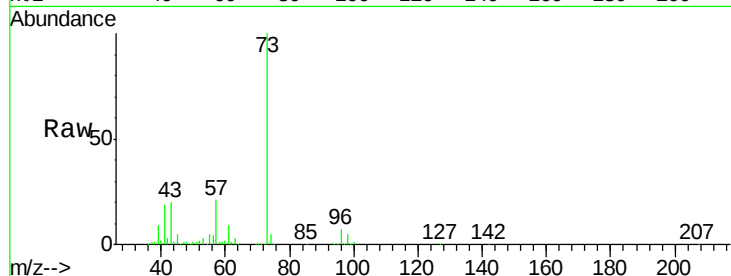


#19

Methyl tert-butyl Ether
 Concen: 56.358 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Instrument :
 MSVOA_X
 ClientSampled :

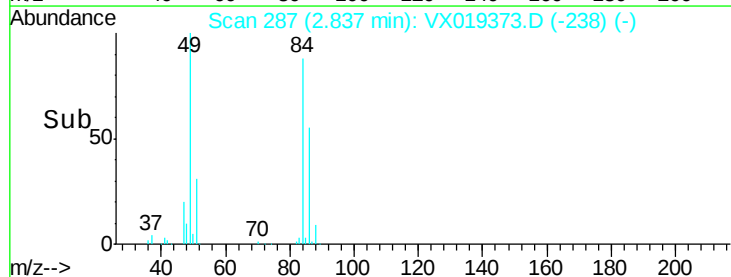
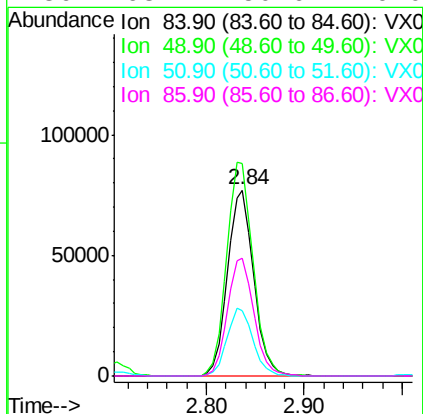
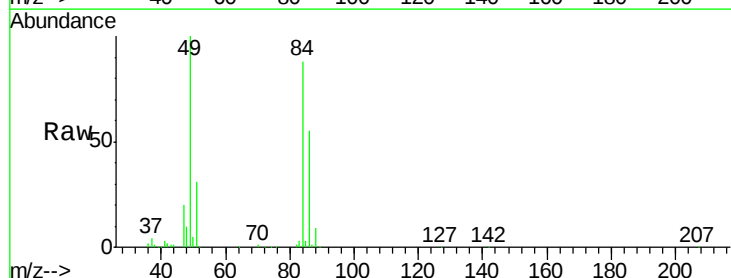
Tot Ion: 73 Resp: 45542
 Ion Ratio Lower Upper
 73 100
 57 21.3 16.6 25.0

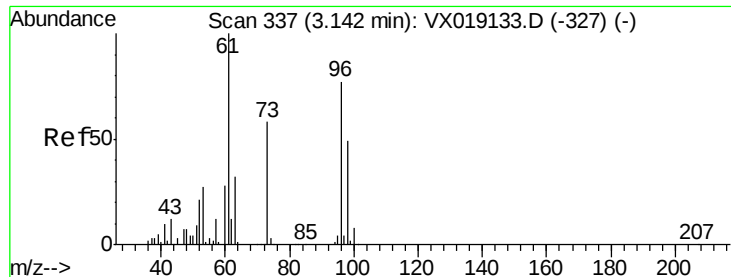


#20

Methylene Chloride
 Concen: 53.174 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Tgt Ion: 84 Resp: 142953
 Ion Ratio Lower Upper
 84 100
 49 114.0 86.8 130.2
 51 35.2 27.3 40.9
 86 63.2 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 51.147 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

ClientSampled :

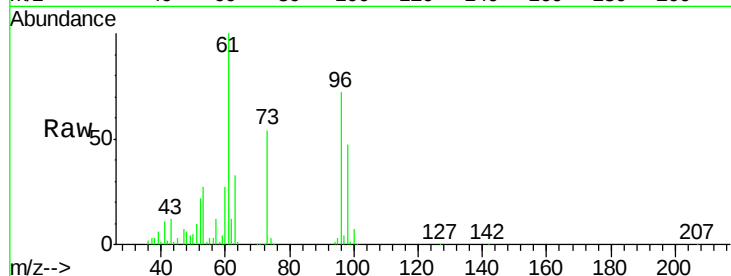
Tot Ion: 96 Resp: 137324

Ion Ratio Lower Upper

96 100

61 138.3 104.2 156.4

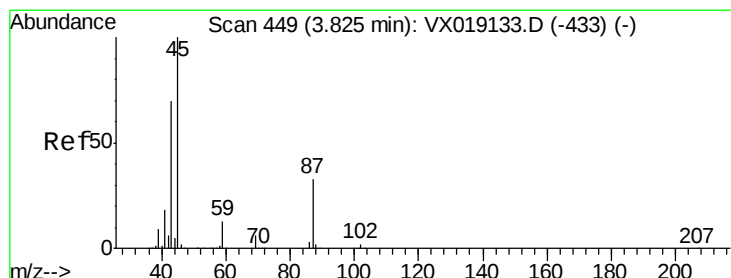
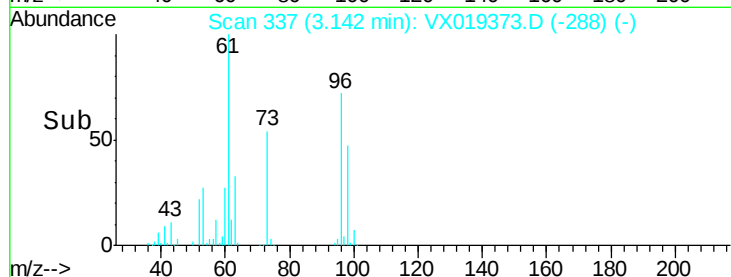
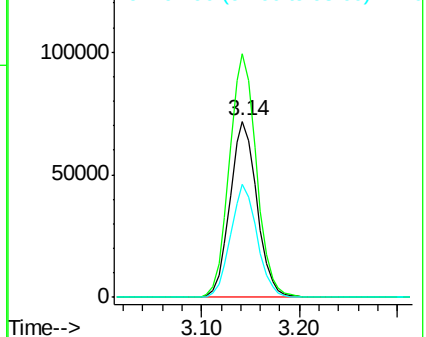
98 64.3 51.3 76.9



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 60.120 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Tgt Ion: 45 Resp: 423504

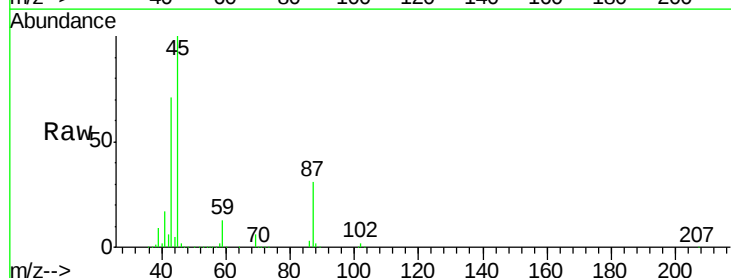
Ion Ratio Lower Upper

45 100

43 70.6 56.2 84.4

87 30.6 26.2 39.2

59 12.5 10.1 15.1

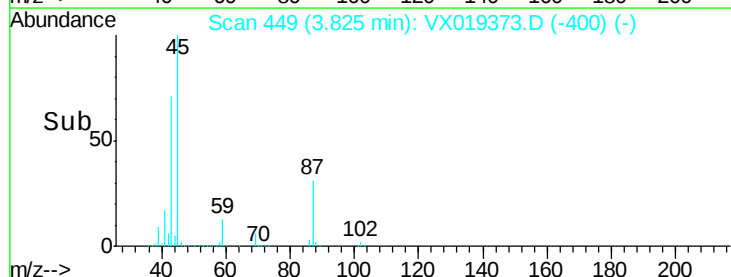
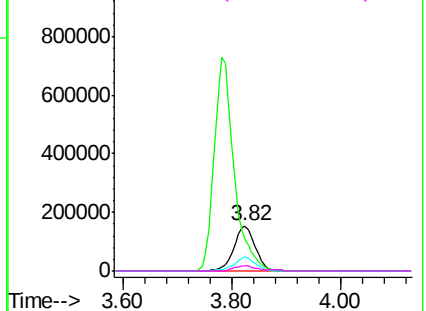


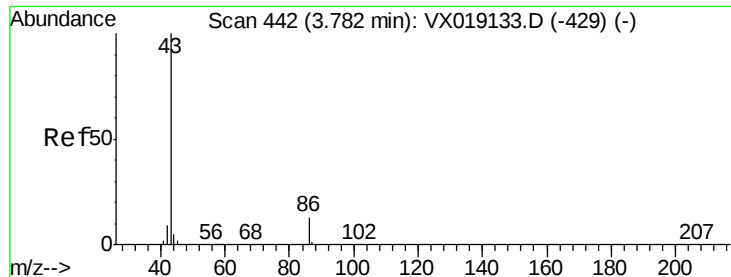
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 294.481 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

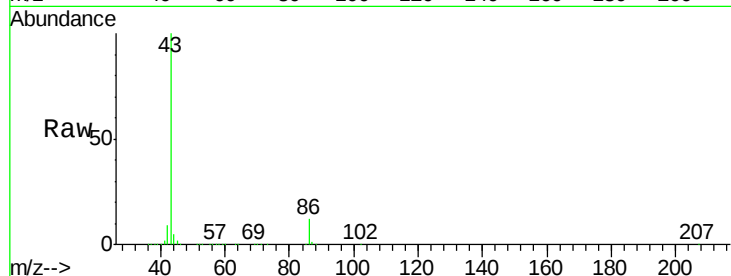
ClientSampleId :

Tot Ion: 43 Resp: 1849882

Ion Ratio Lower Upper

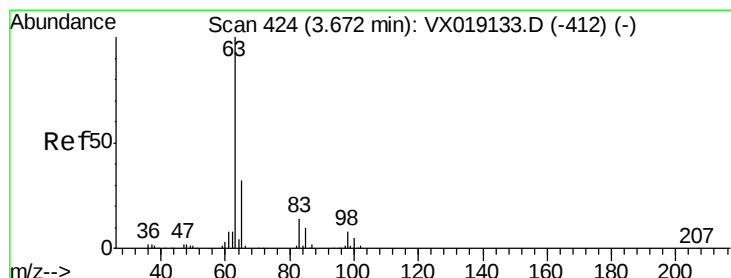
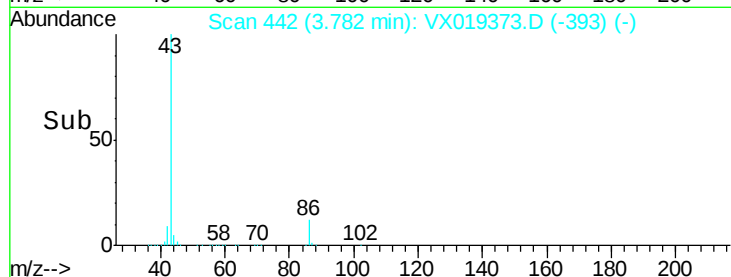
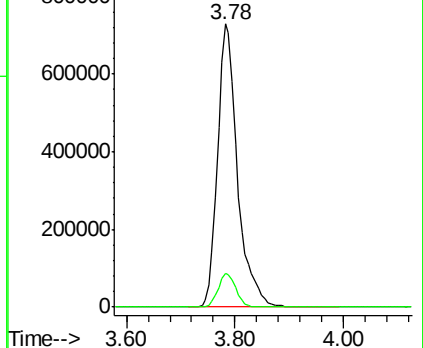
43 100

86 12.0 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 57.276 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

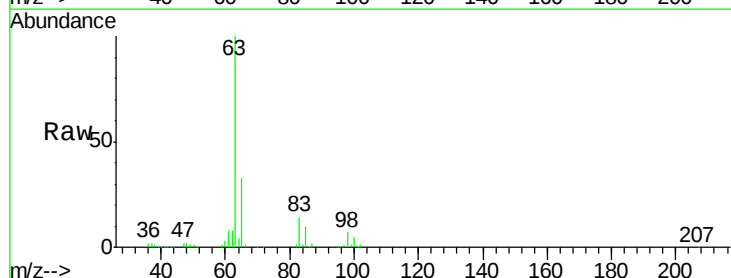
Tgt Ion: 63 Resp: 251915

Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

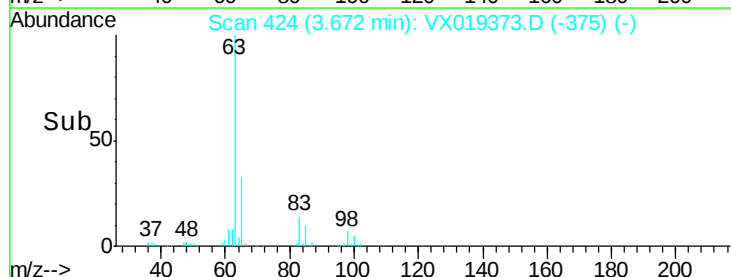
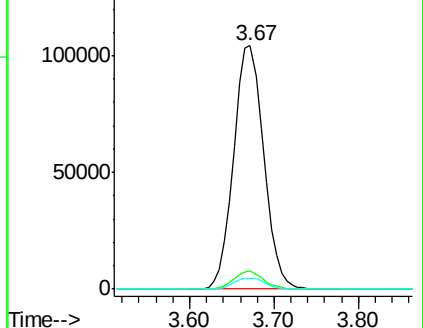
100 4.6 2.4 7.2

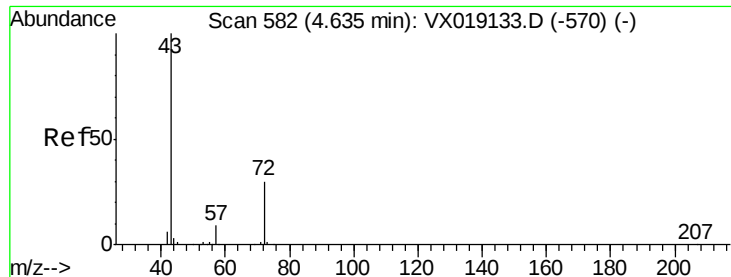


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 296.353 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

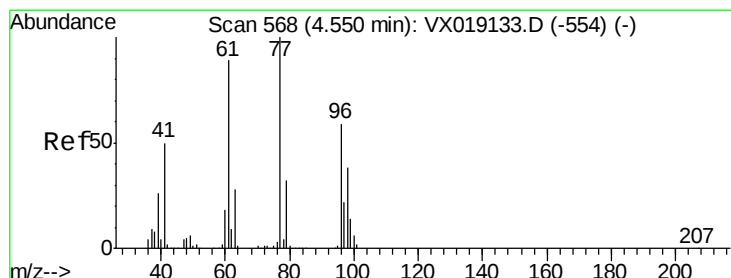
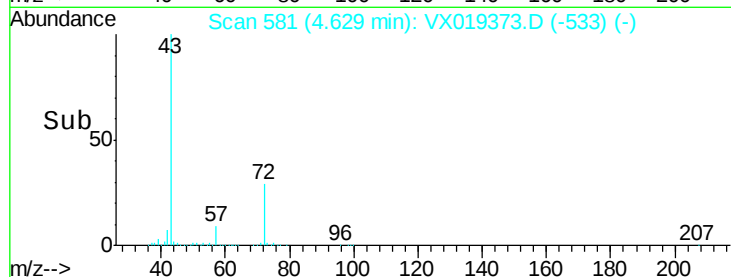
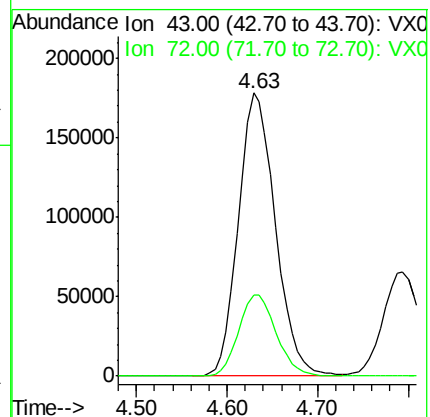
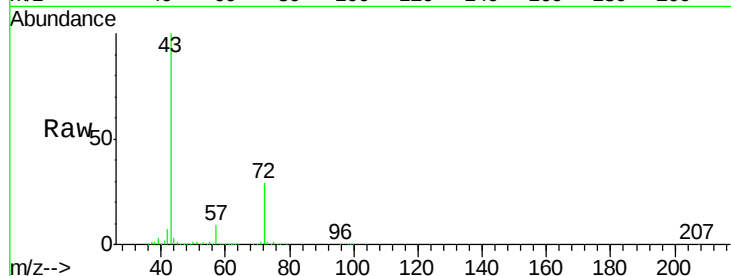
ClientSampled :

Tot Ion: 43 Resp: 500141

Ion Ratio Lower Upper

43 100

72 28.4 24.6 36.8



#26

2,2-Dichloropropane

Concen: 52.804 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX019373.D

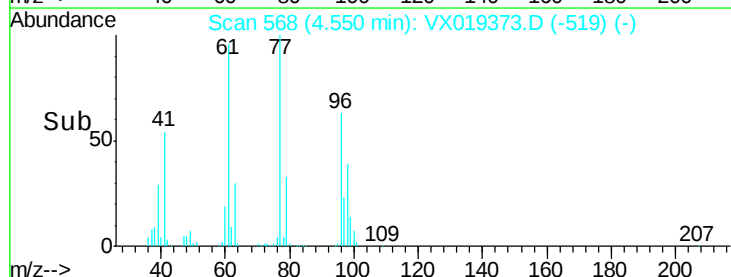
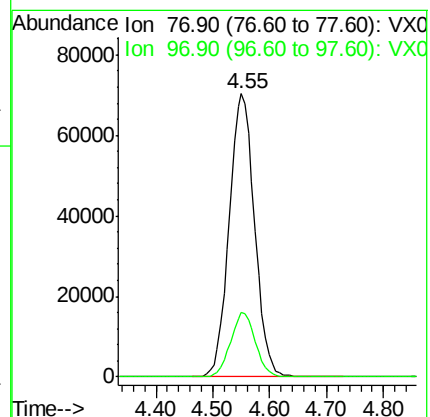
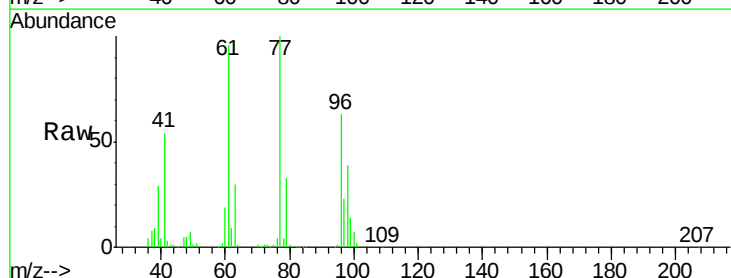
Acq: 09 Nov 2020 17:13

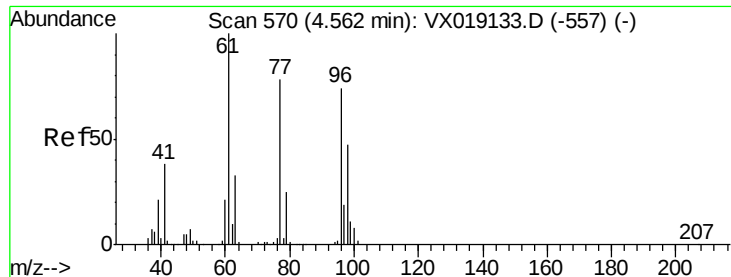
Tgt Ion: 77 Resp: 218332

Ion Ratio Lower Upper

77 100

97 22.3 11.4 34.1



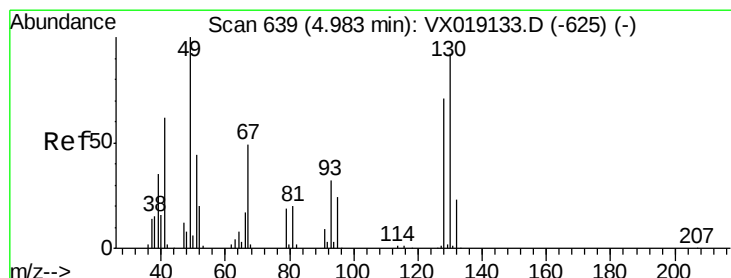
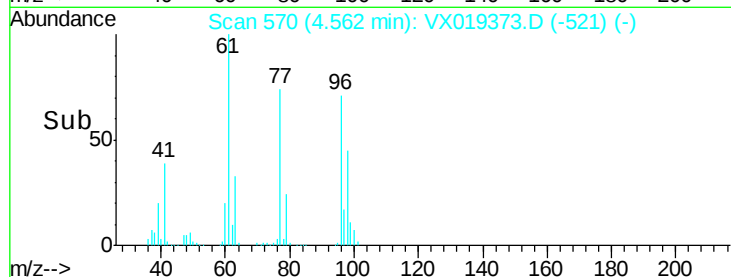
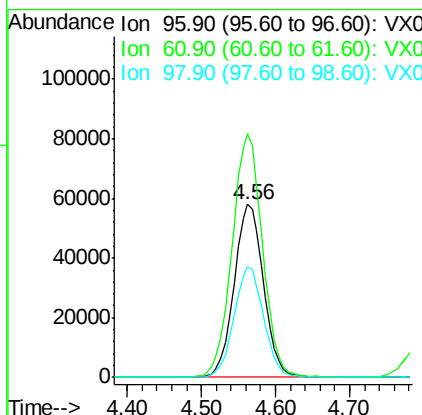
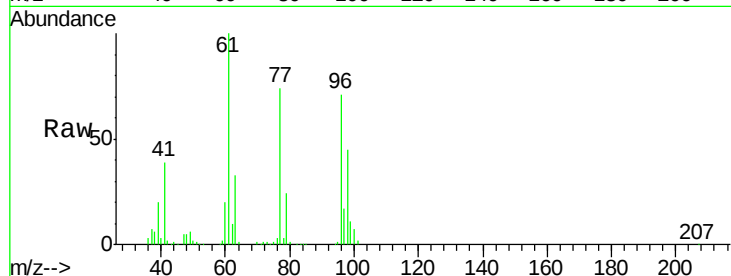


#27

cis-1,2-Dichloroethene
Concen: 53.445 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_X
ClientSampled :

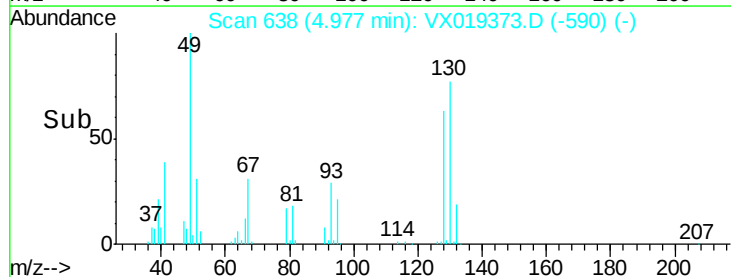
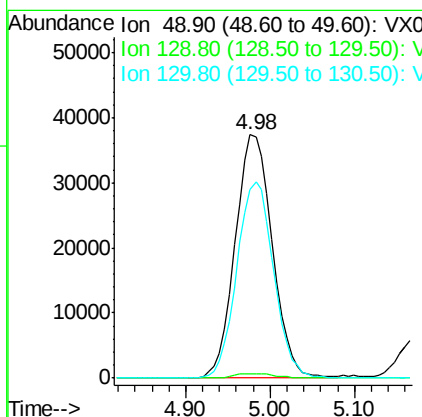
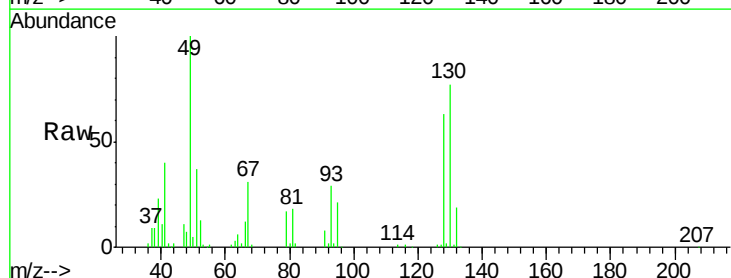
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	278.8
98	64.5	0.0	130.2

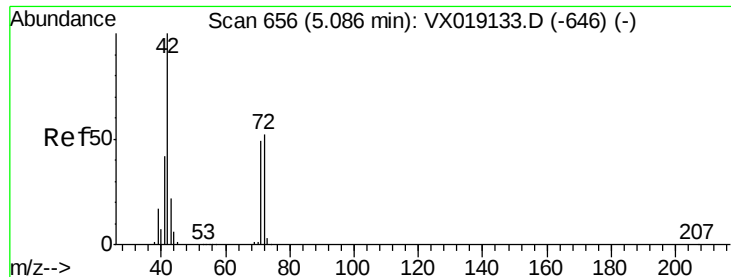


#28

Bromochloromethane
Concen: 55.893 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	80.0	71.3	106.9





#29

Tetrahydrofuran

Concen: 297.647 ug/l

RT: 5.09 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

ClientSampled :

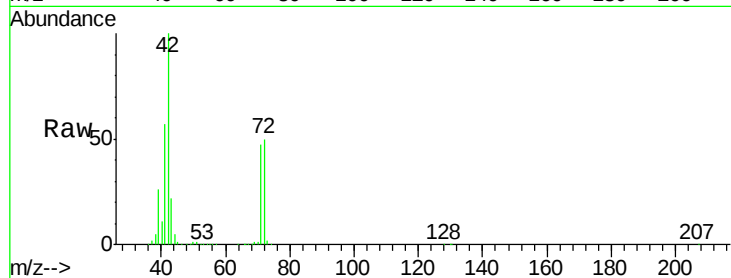
Tot Ion: 42 Resp: 316562

Ion Ratio Lower Upper

42 100

72 51.0 42.6 63.8

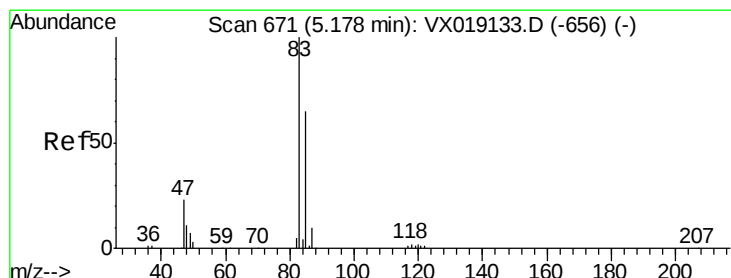
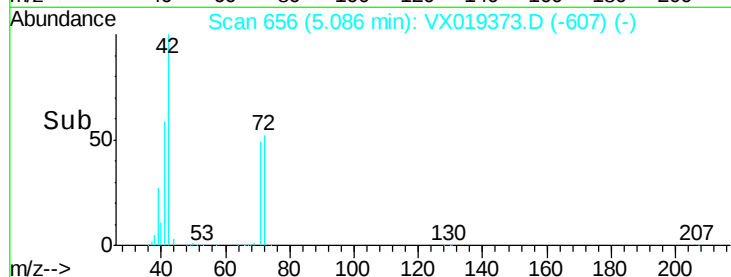
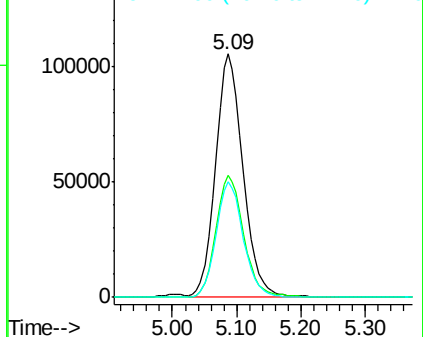
71 47.2 39.7 59.5



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 56.136 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX019373.D

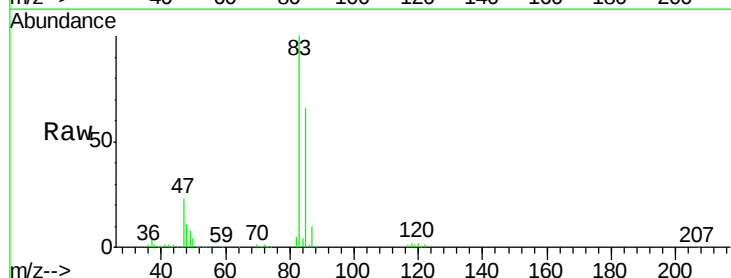
Acq: 09 Nov 2020 17:13

Tgt Ion: 83 Resp: 262804

Ion Ratio Lower Upper

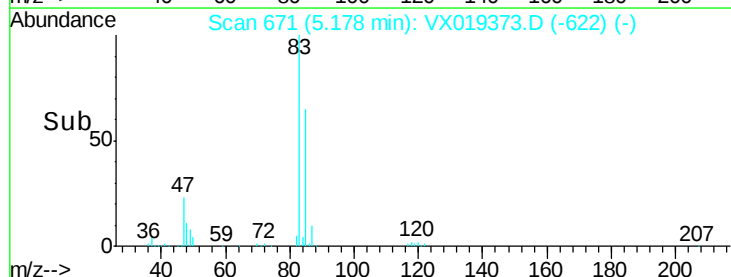
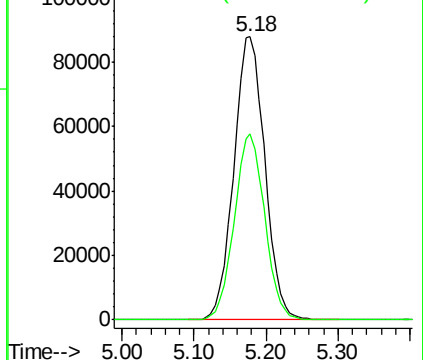
83 100

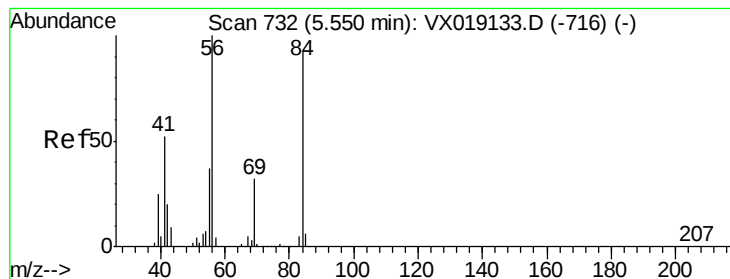
85 65.8 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 53.936 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

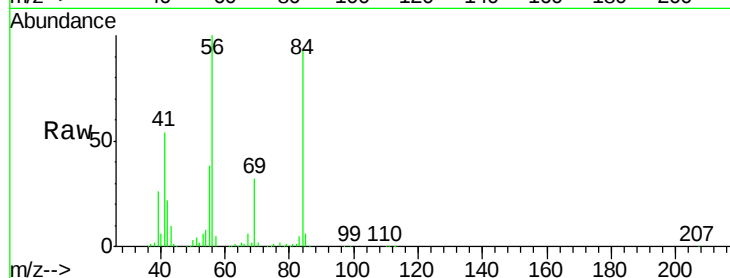
Tot Ion: 56 Resp: 211633

Ion Ratio Lower Upper

56 100

69 32.1 25.9 38.9

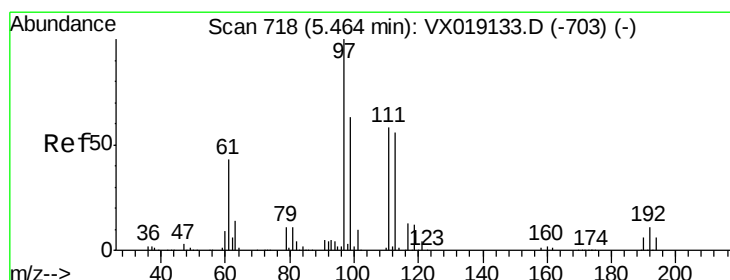
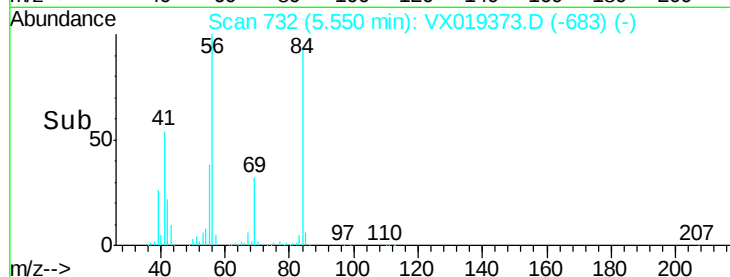
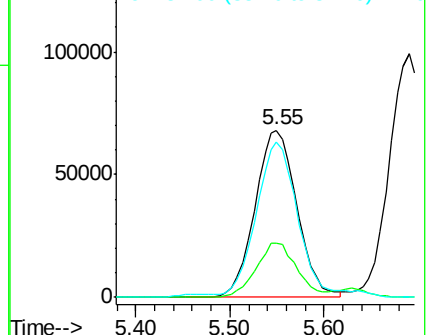
84 91.3 73.4 110.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 55.105 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

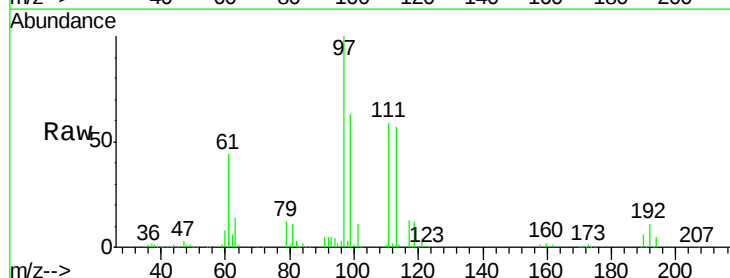
Tgt Ion: 97 Resp: 233888

Ion Ratio Lower Upper

97 100

99 63.8 51.7 77.5

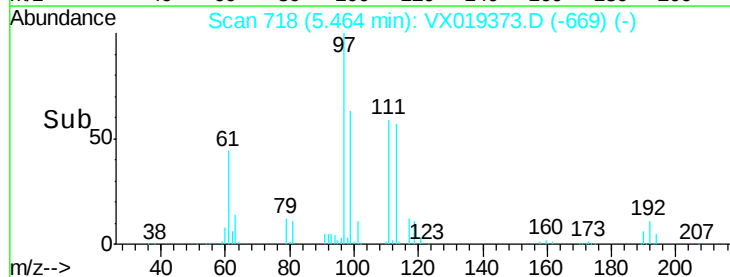
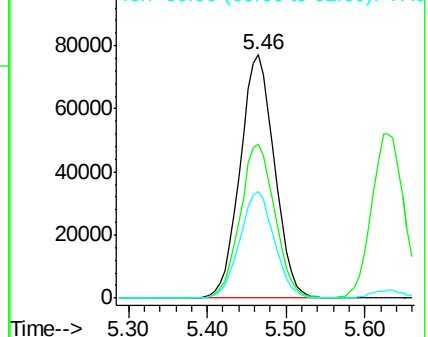
61 44.1 34.2 51.2

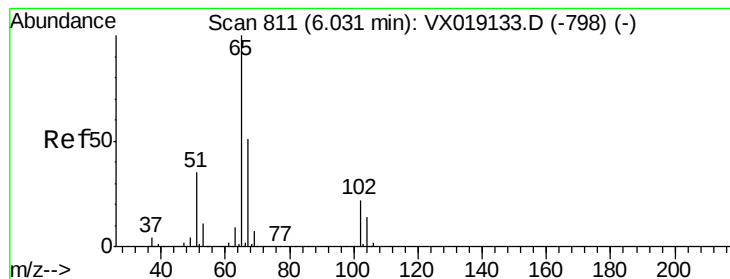


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.769 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

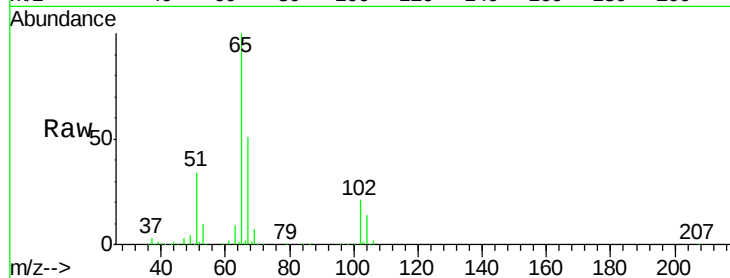
ClientSampleId :

Tot Ion: 65 Resp: 163797

Ion Ratio Lower Upper

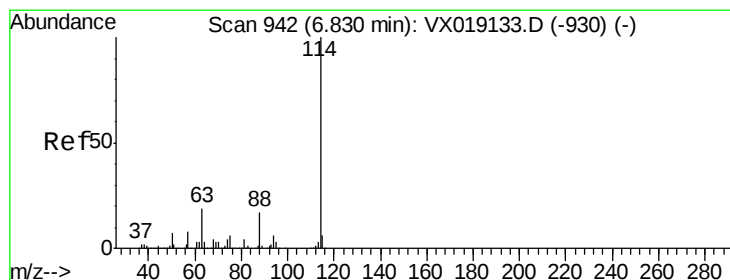
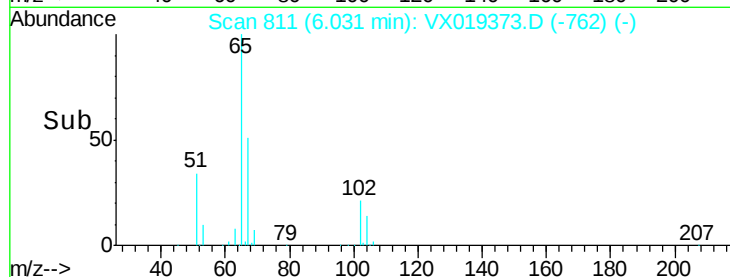
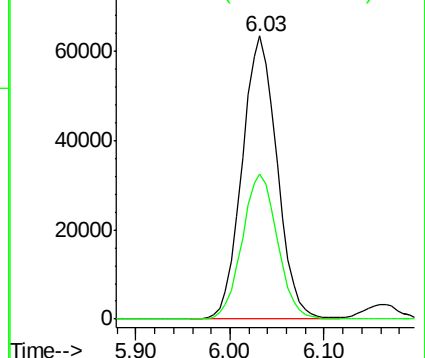
65 100

67 51.8 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

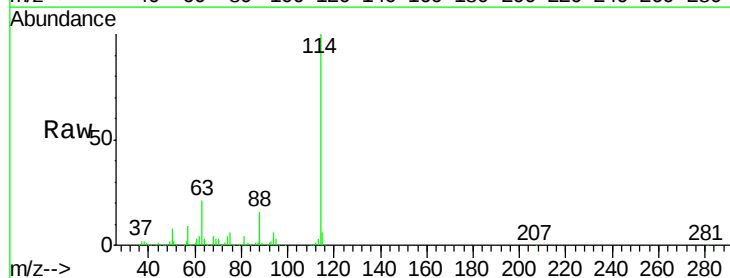
Tgt Ion: 114 Resp: 413180

Ion Ratio Lower Upper

114 100

63 21.4 0.0 38.8

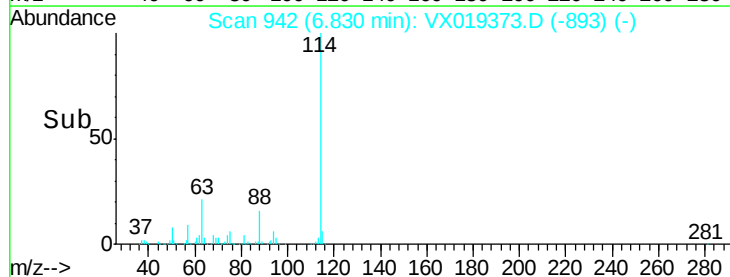
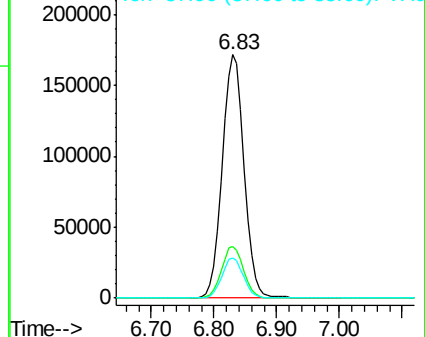
88 16.5 0.0 34.2

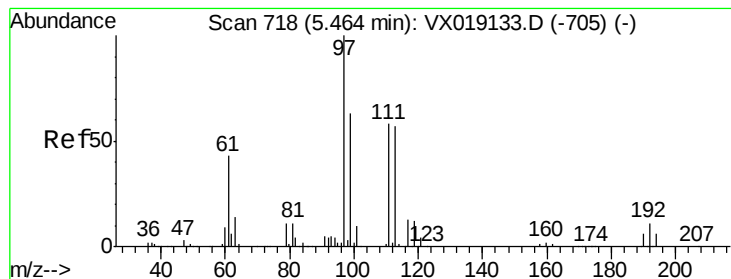


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.452 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

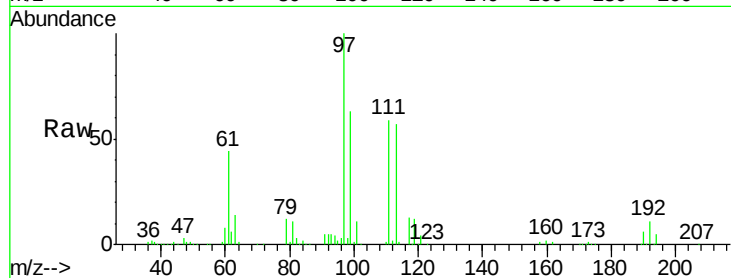
Tot Ion:113 Resp: 128345

Ion Ratio Lower Upper

113 100

111 102.6 82.3 123.5

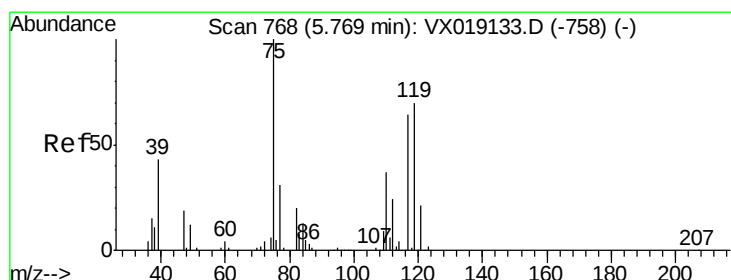
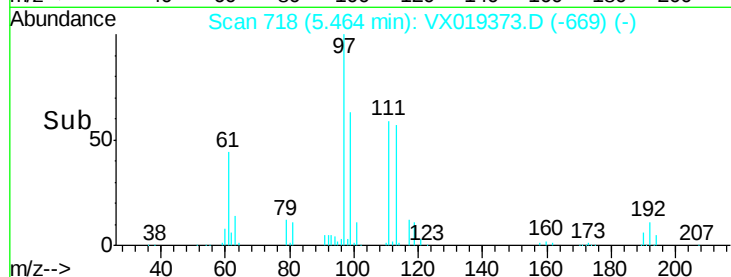
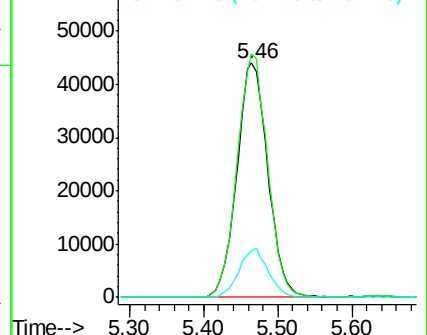
192 19.7 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.977 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

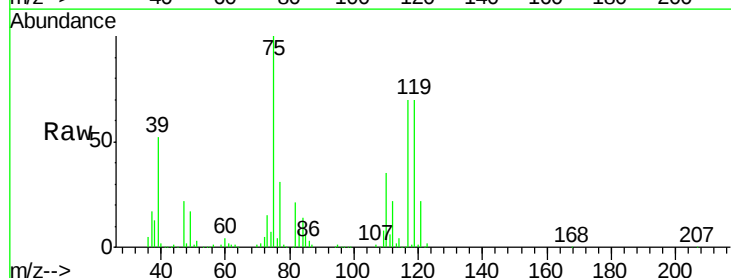
Tgt Ion: 75 Resp: 194499

Ion Ratio Lower Upper

75 100

110 35.1 18.3 54.9

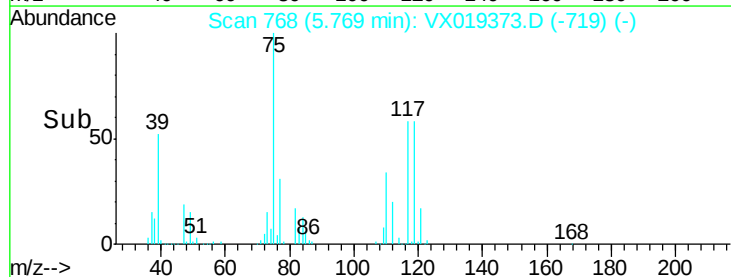
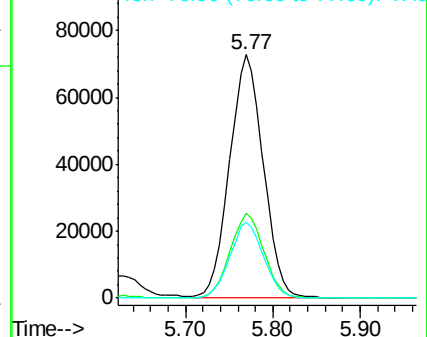
77 31.7 24.9 37.3

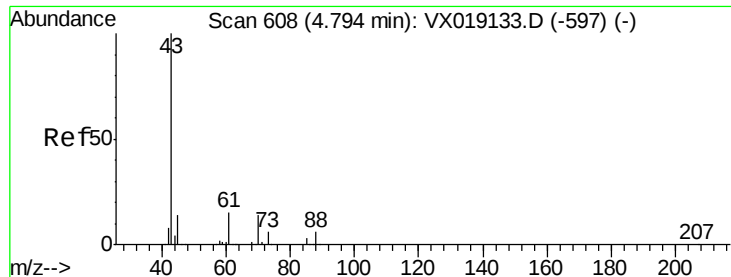


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

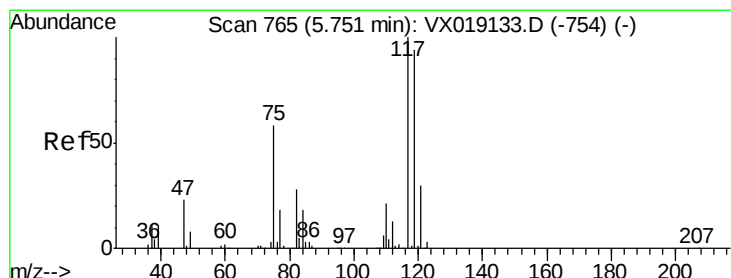
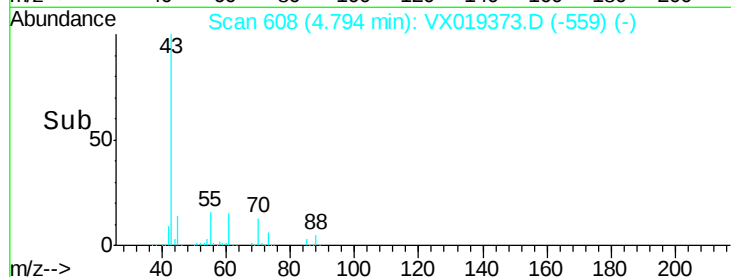
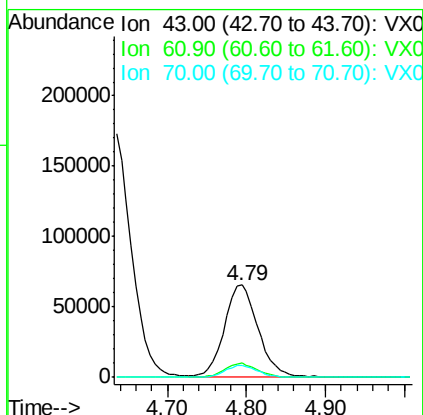
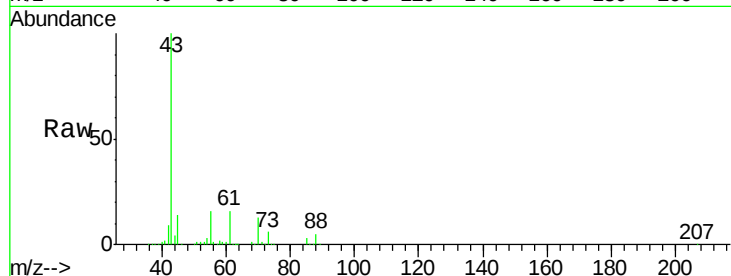




#37
Ethyl Acetate
Concen: 54.705 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

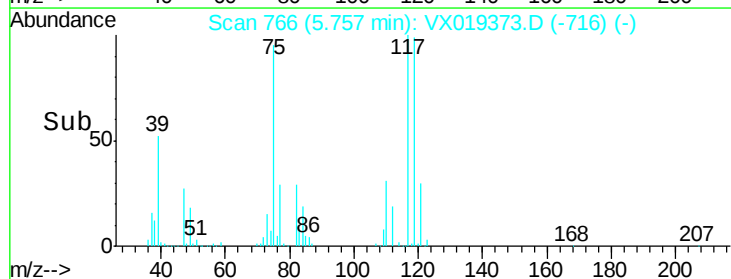
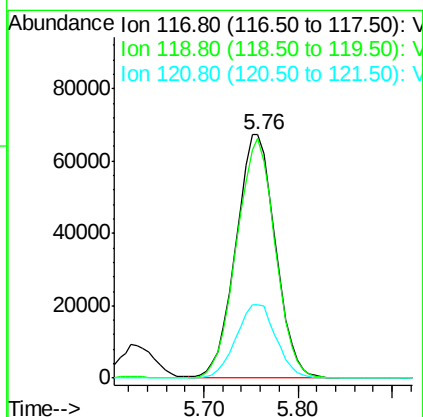
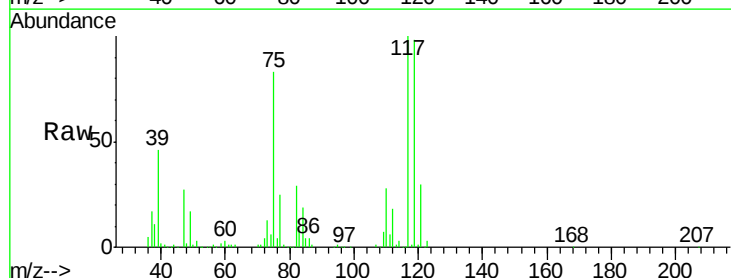
Instrument :
MSVOA_X
ClientSampleId :

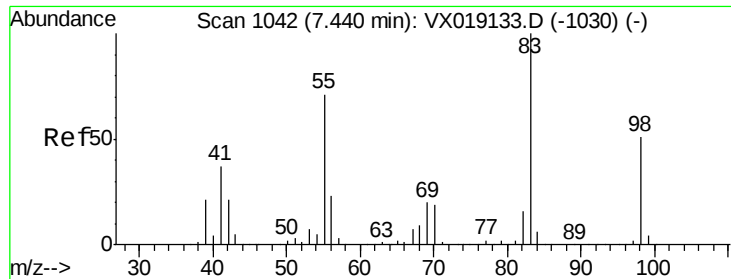
Tot Ion: 43 Resp: 193794
Ion Ratio Lower Upper
43 100
61 15.1 12.5 18.7
70 12.3 10.5 15.7



#38
Carbon Tetrachloride
Concen: 50.728 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion: 117 Resp: 197282
Ion Ratio Lower Upper
117 100
119 98.4 75.0 112.6
121 30.0 23.9 35.9

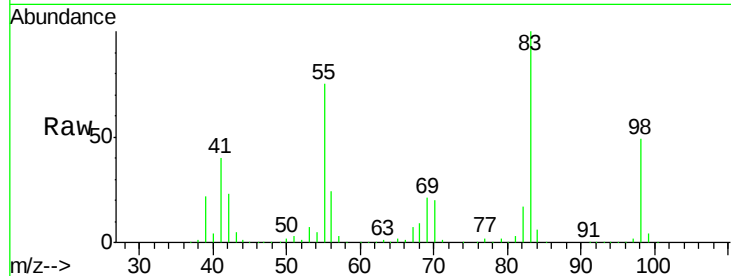




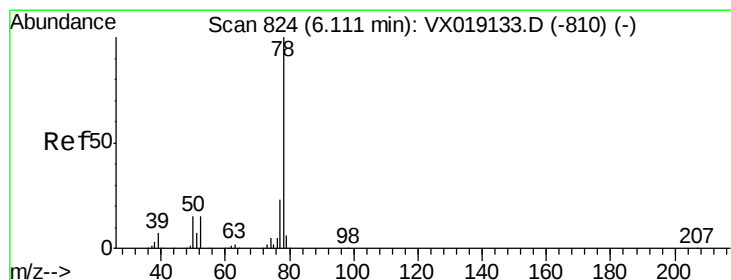
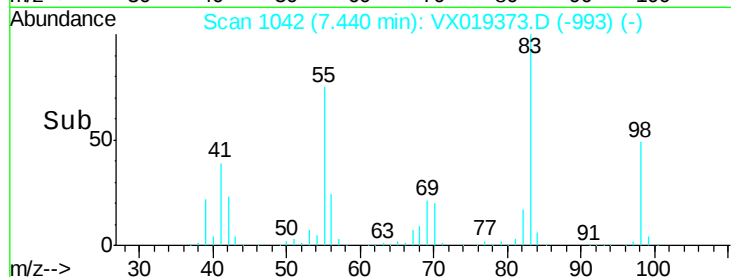
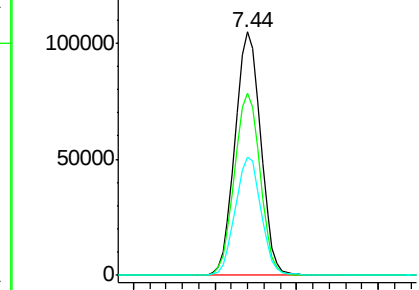
#39
Methvlcvclohexane
Concen: 49.757 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	83	Resp	226997
Ion	Ratio	Lower	Upper
83	100		
55	74.6	57.0	85.6
98	48.6	40.5	60.7

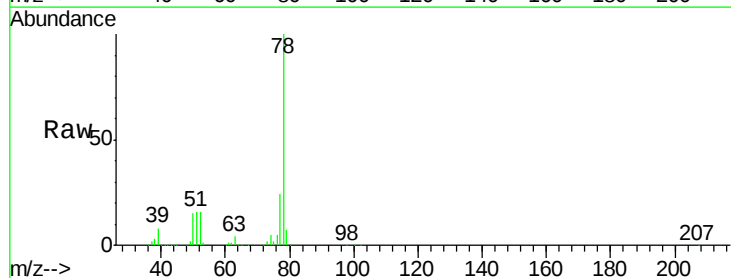


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

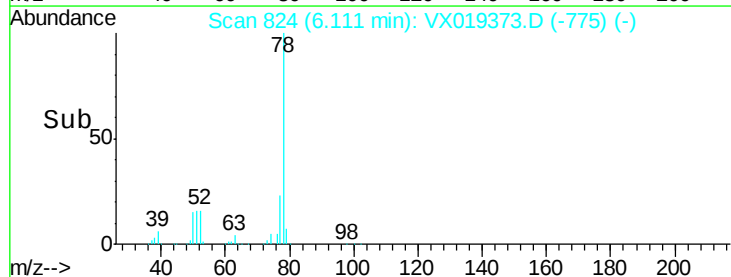
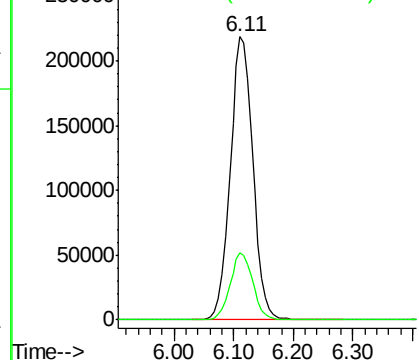


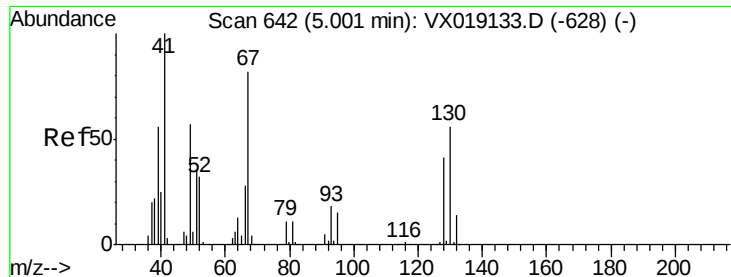
#40
Benzene
Concen: 53.193 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion	78	Resp	575443
Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.7	28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 55.413 ug/l

RT: 5.00 min Scan# 642

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 105715

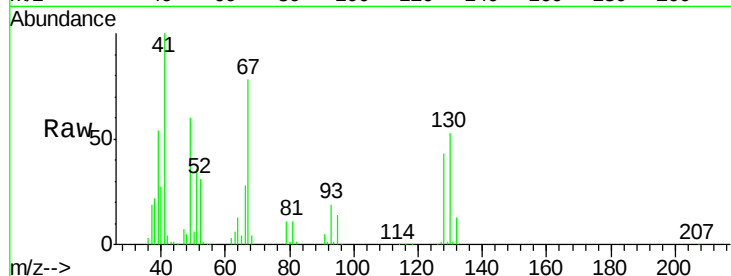
Ion Ratio Lower Upper

41 100

39 56.0 44.4 66.6

67 80.4 66.4 99.6

52 31.9 26.2 39.4

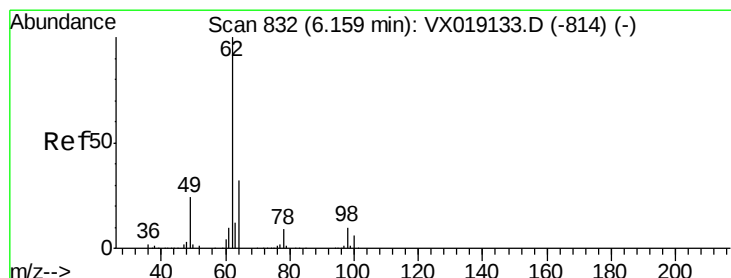
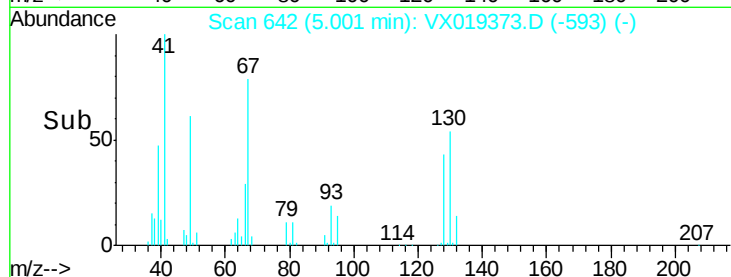
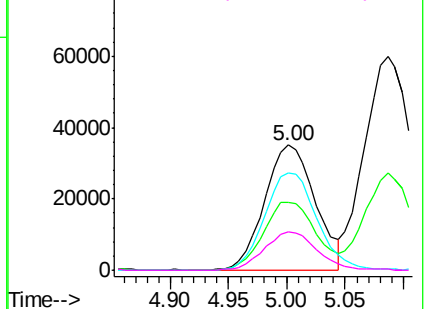


Abundance Ion 41.00 (40.70 to 41.70): VX0

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



#42

1,2-Dichloroethane

Concen: 53.673 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX019373.D

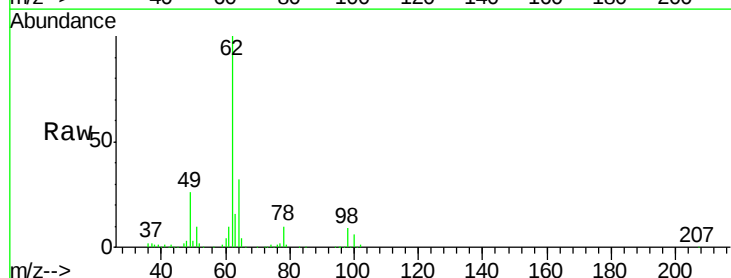
Acq: 09 Nov 2020 17:13

Tgt Ion: 62 Resp: 213987

Ion Ratio Lower Upper

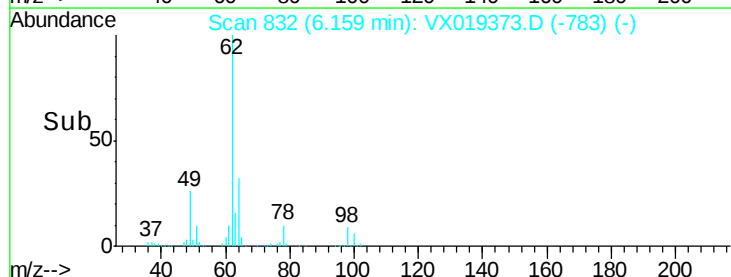
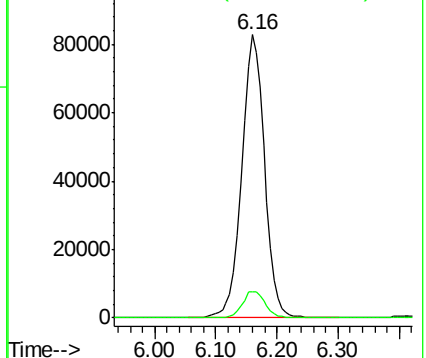
62 100

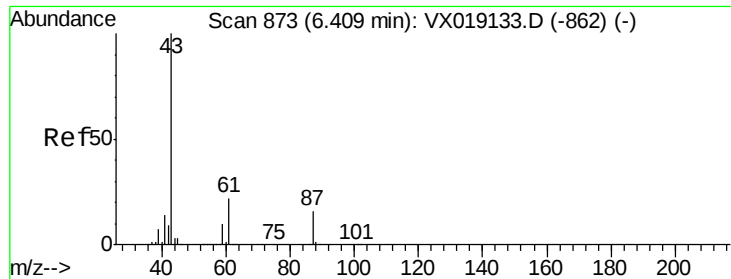
98 9.5 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



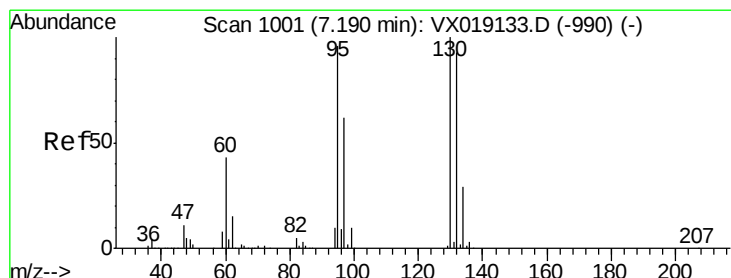
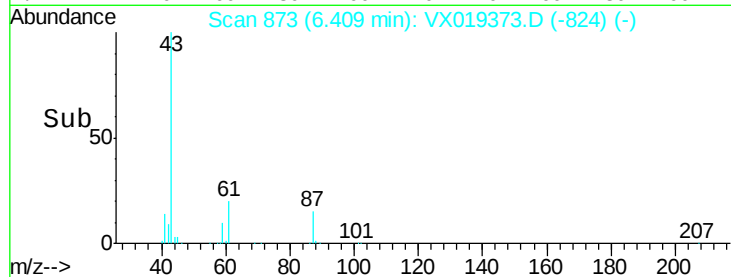
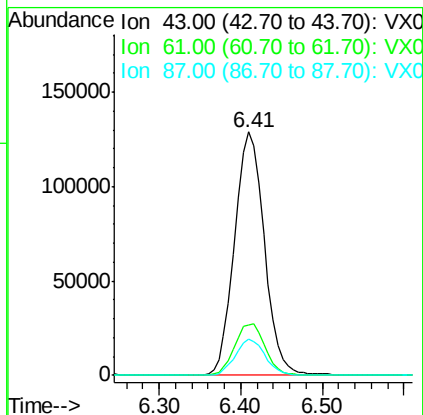
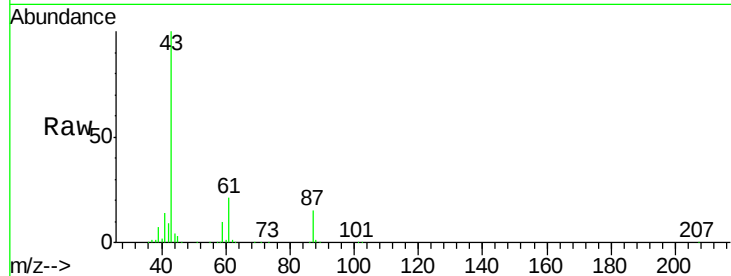


#43

Isopropyl Acetate
 Concen: 54.811 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Instrument :
 MSVOA_X
 ClientSampleId :

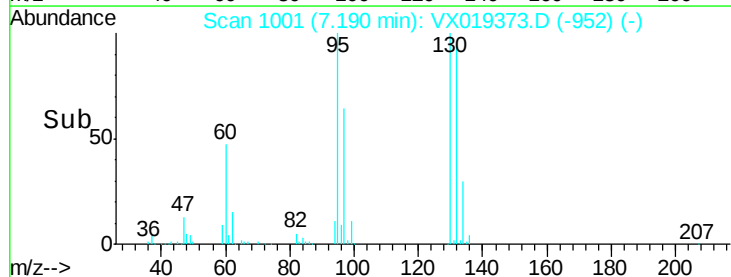
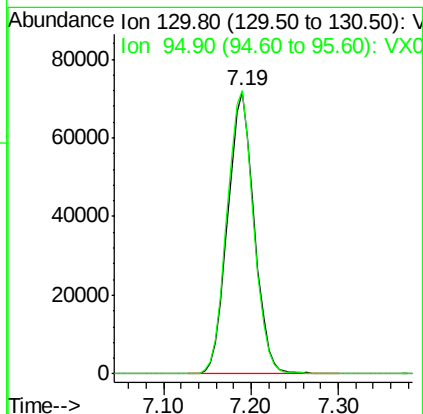
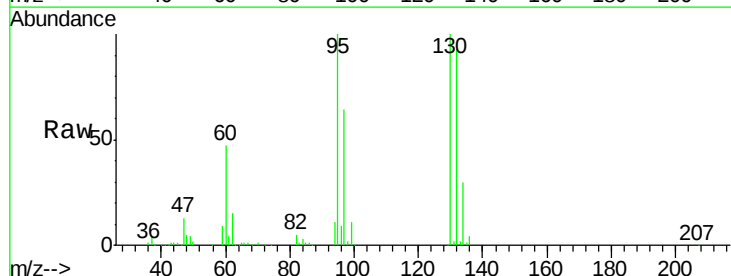
Tot Ion: 43 Resp: 325120
 Ion Ratio Lower Upper
 43 100
 61 21.9 17.8 26.6
 87 14.7 12.6 19.0

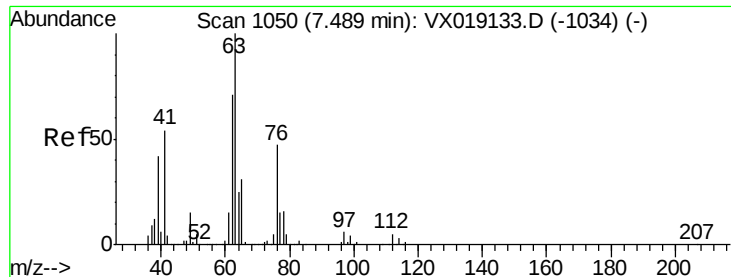


#44

Trichloroethene
 Concen: 48.739 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Tgt Ion: 130 Resp: 151000
 Ion Ratio Lower Upper
 130 100
 95 100.2 0.0 192.0





#45

1,2-Dichloropropane

Concen: 55.968 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

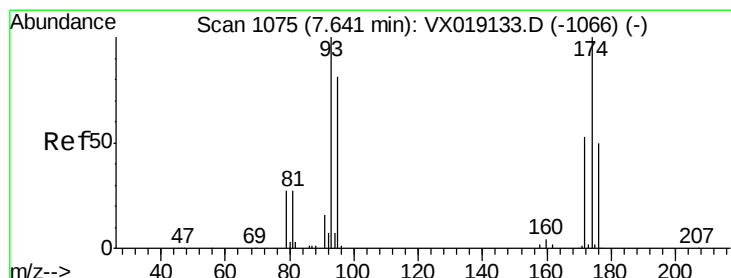
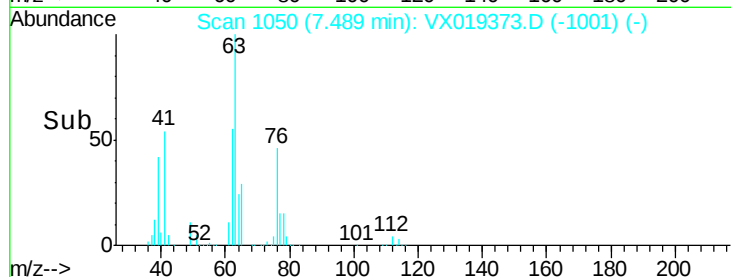
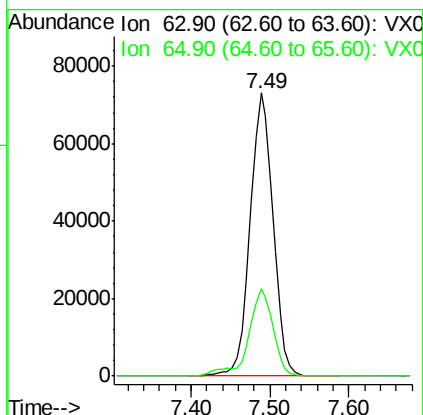
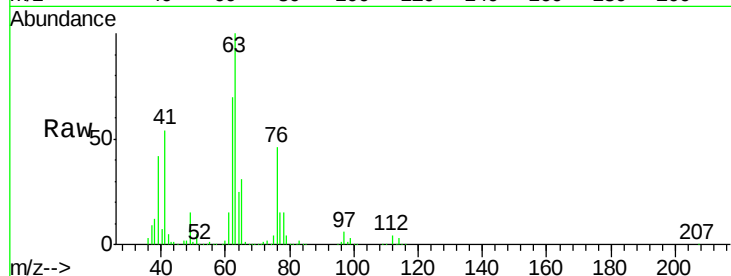
ClientSampleId :

Tot Ion: 63 Resp: 148296

Ion Ratio Lower Upper

63 100

65 30.8 25.2 37.8



#46

Dibromomethane

Concen: 51.483 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

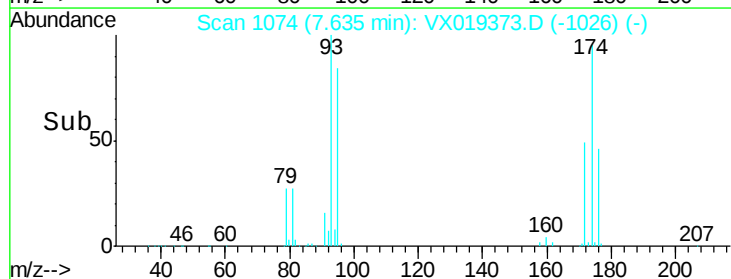
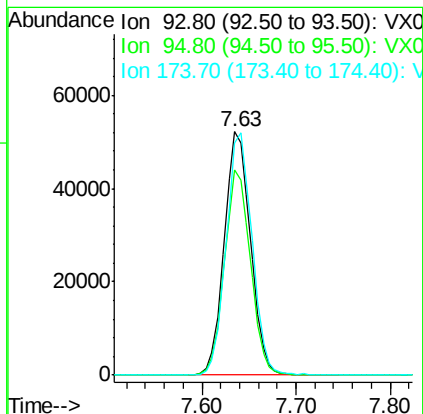
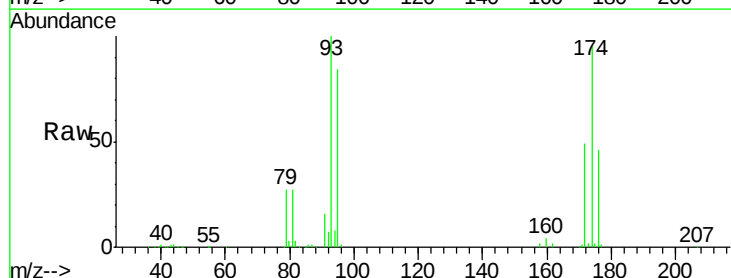
Tgt Ion: 93 Resp: 100873

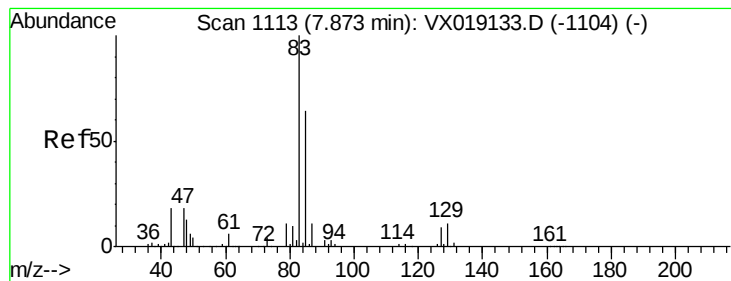
Ion Ratio Lower Upper

93 100

95 83.5 67.0 100.6

174 98.4 81.7 122.5





#47

Bromodichloromethane

Concen: 53.326 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

ClientSampled :

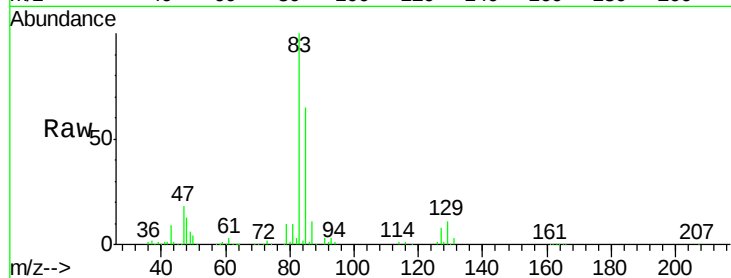
Tot Ion: 83 Resp: 205944

Ion Ratio Lower Upper

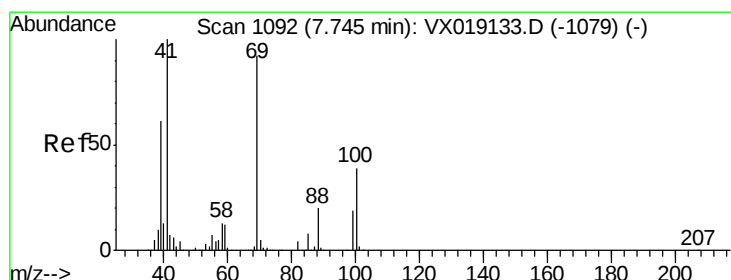
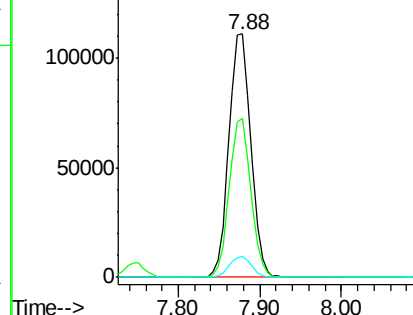
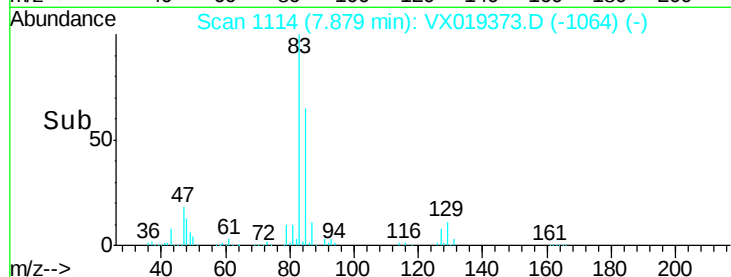
83 100

85 65.1 51.2 76.8

127 8.4 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 56.194 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

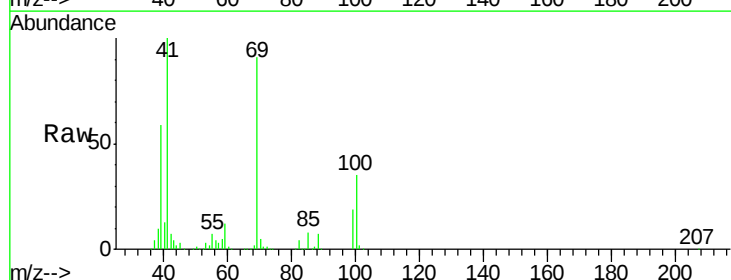
Tgt Ion: 41 Resp: 160432

Ion Ratio Lower Upper

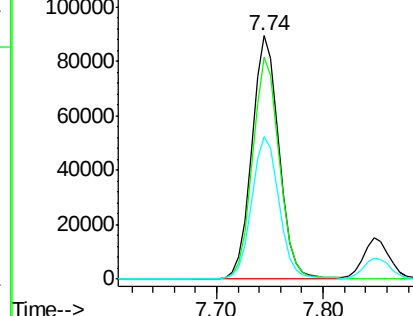
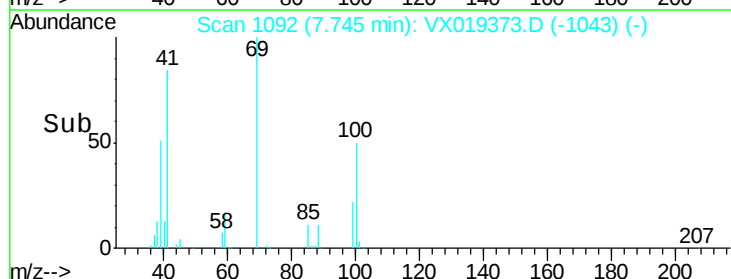
41 100

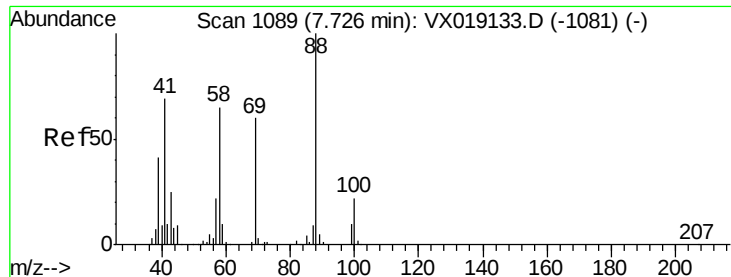
69 90.6 75.5 113.3

39 59.4 48.9 73.3



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





#49

1,4-Dioxane

Concen: 1053.860 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

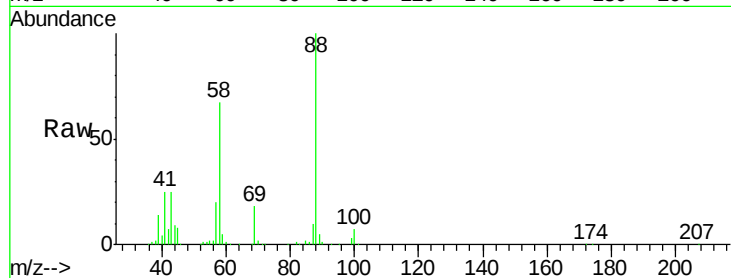
Tot Ion: 88 Resp: 66911

Ion Ratio Lower Upper

88 100

43 30.8 23.0 34.6

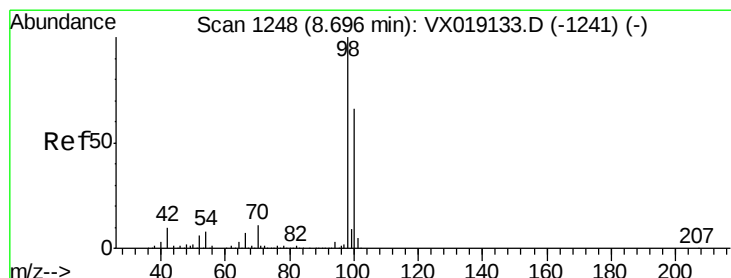
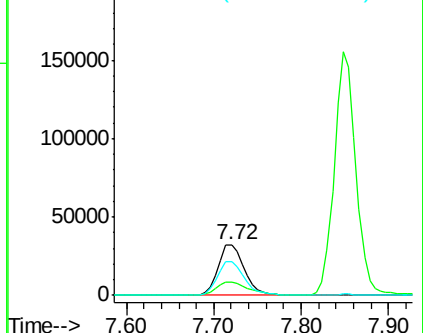
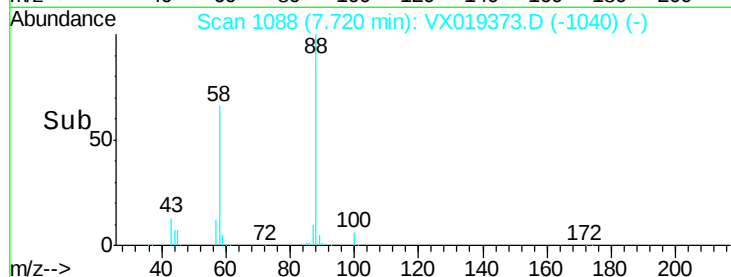
58 69.0 52.2 78.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.011 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019373.D

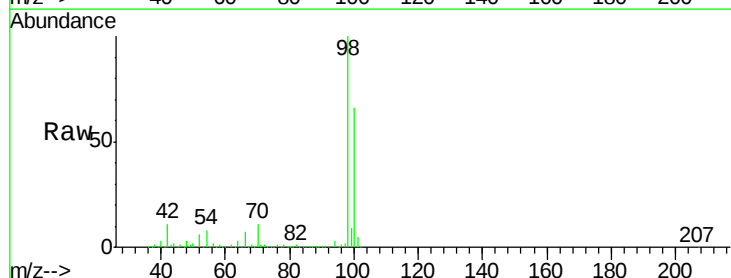
Acq: 09 Nov 2020 17:13

Tgt Ion: 98 Resp: 489281

Ion Ratio Lower Upper

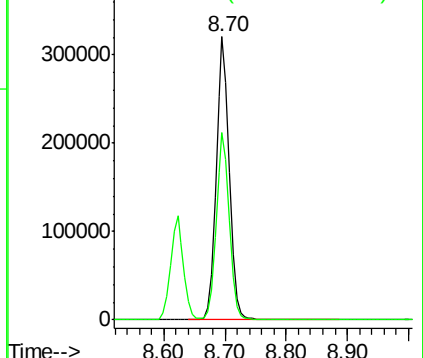
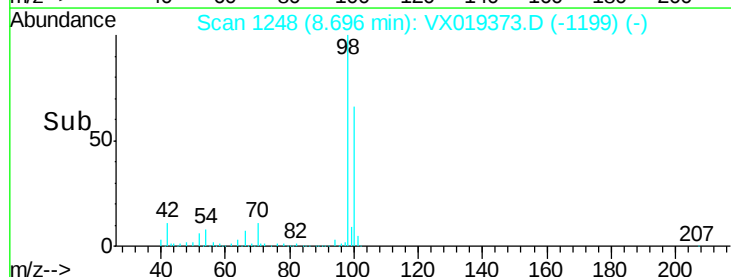
98 100

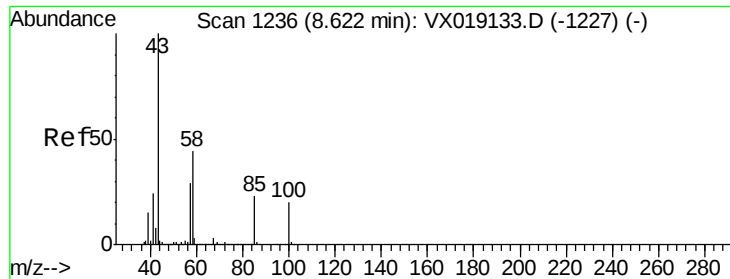
100 66.4 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

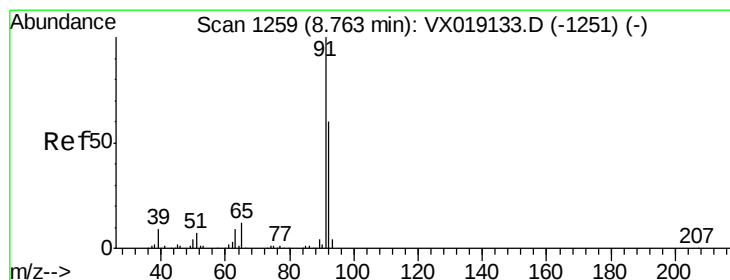
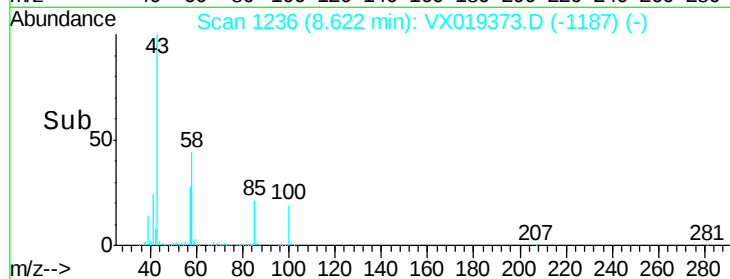
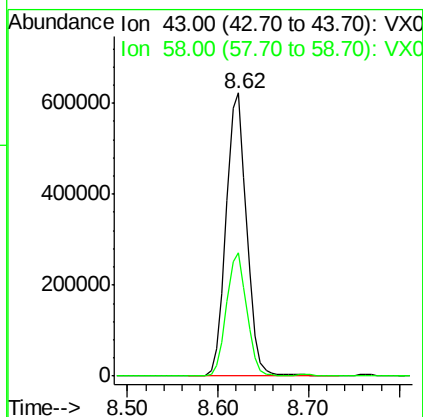
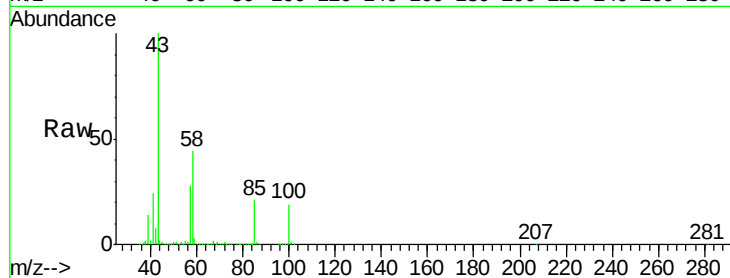




#51
 4-Methyl-2-Pentanone
 Concen: 287.847 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

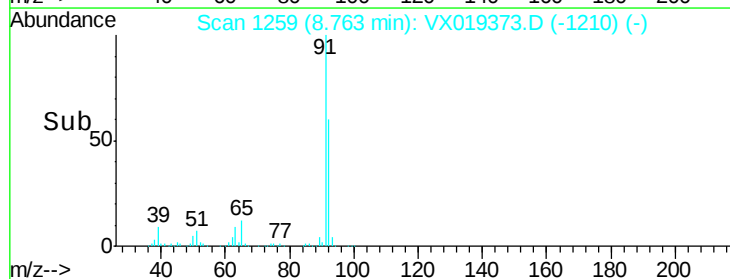
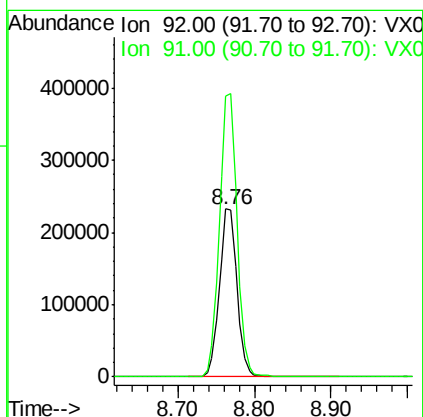
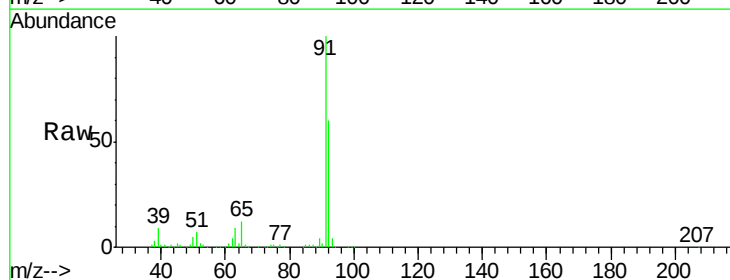
Instrument :
 MSVOA_X
 ClientSampleId :

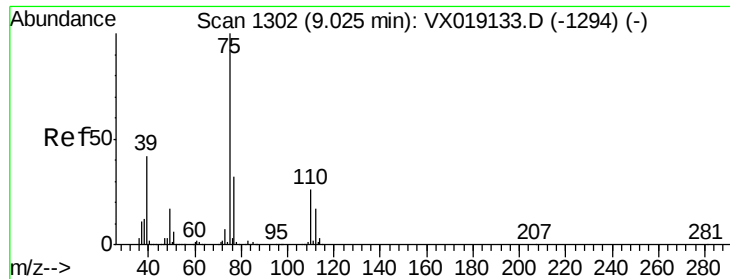
Tot Ion: 43 Resp: 981335
 Ion Ratio Lower Upper
 43 100
 58 43.0 35.0 52.4



#52
 Toluene
 Concen: 52.703 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Tgt Ion: 92 Resp: 367206
 Ion Ratio Lower Upper
 92 100
 91 169.9 136.3 204.5

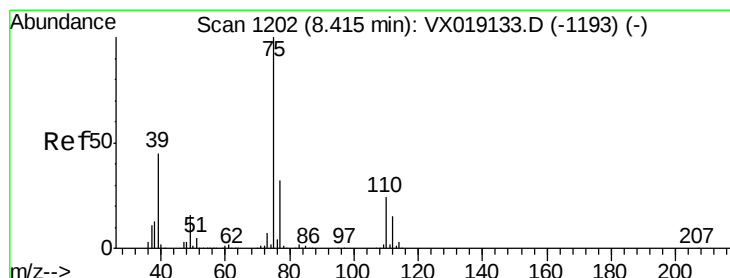
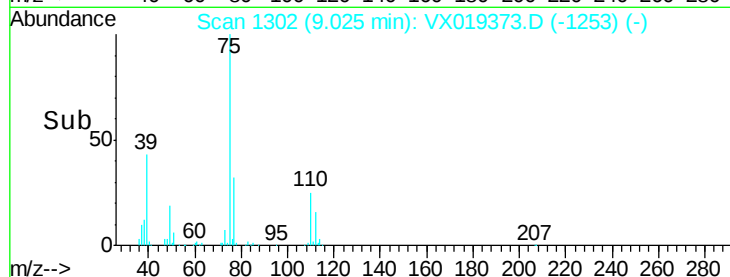
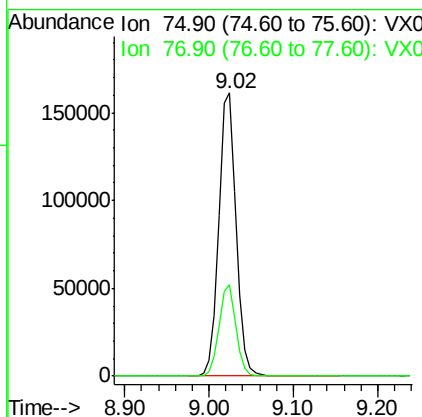
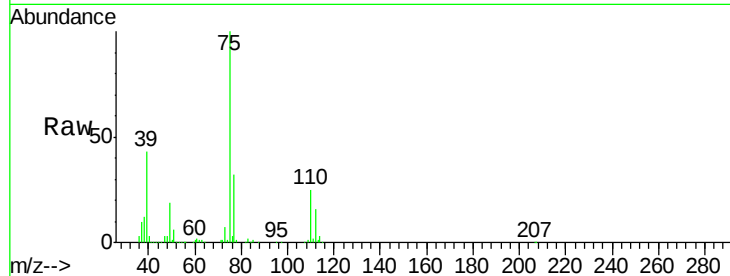




#53
 t-1,3-Dichloropropene
 Concen: 52.290 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

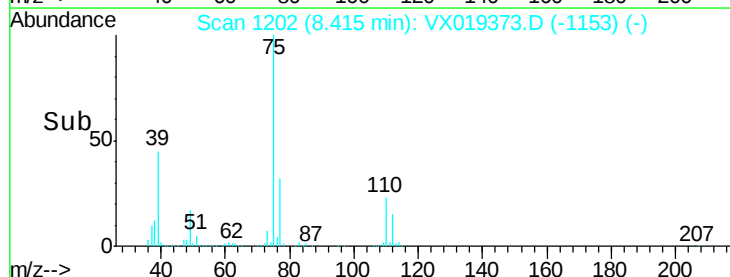
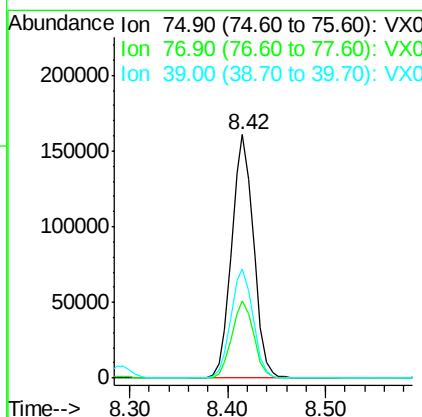
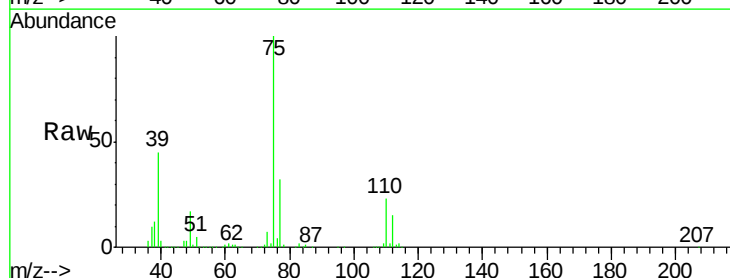
Instrument :
 MSVOA_X
 ClientSampleId :

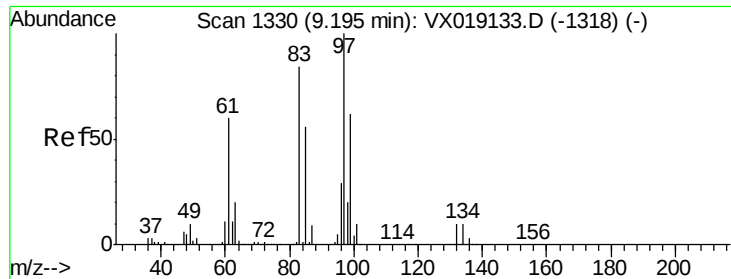
Tot Ion: 75 Resp: 230655
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 53.867 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Tgt Ion: 75 Resp: 249862
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.5 38.3
 39 44.6 36.2 54.2



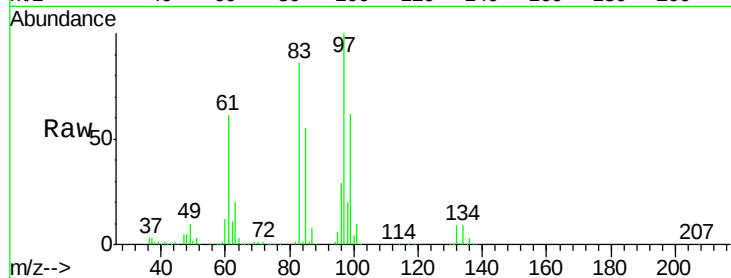


#55
 1,1,2-Trichloroethane
 Concen: 53.626 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

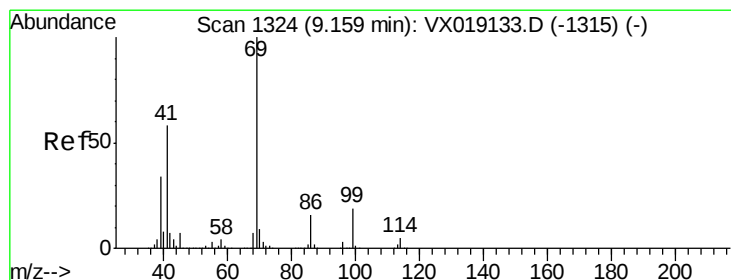
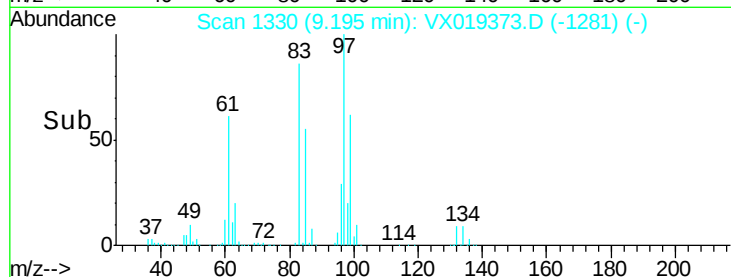
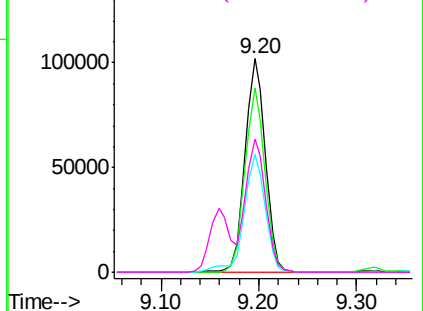
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 97 Resp: 147628

Ion	Ratio	Lower	Upper
97	100		
83	86.2	67.2	100.8
85	55.0	44.6	67.0
99	62.3	49.4	74.0



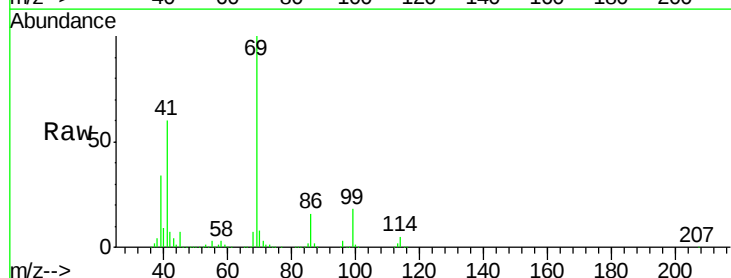
Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0



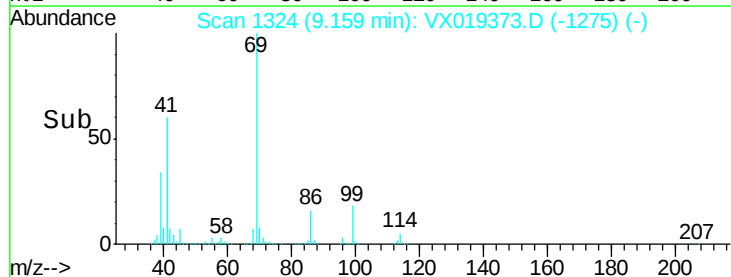
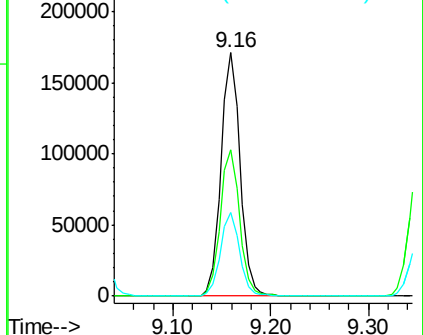
#56
 Ethyl methacrylate
 Concen: 55.889 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

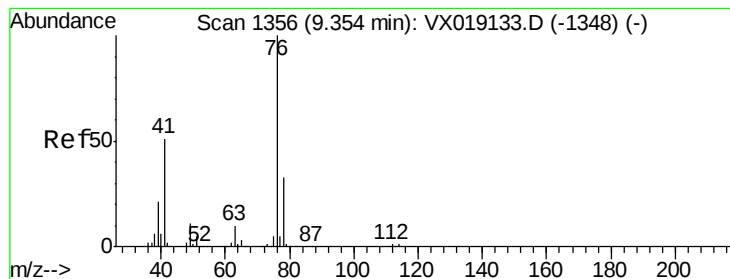
Tgt Ion: 69 Resp: 232396

Ion	Ratio	Lower	Upper
69	100		
41	60.7	46.5	69.7
39	34.5	27.6	41.4



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





#57

1,3-Dichloropropane

Concen: 54.392 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

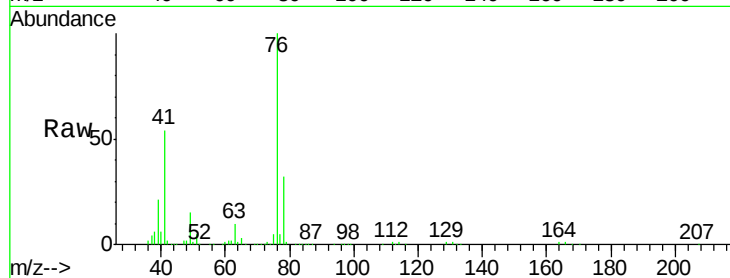
ClientSampleId :

Tot Ion: 76 Resp: 252452

Ion Ratio Lower Upper

76 100

78 32.5 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

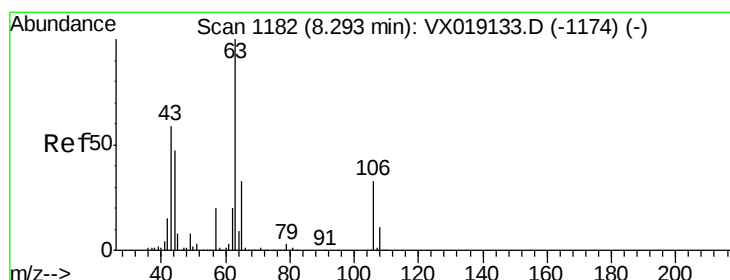
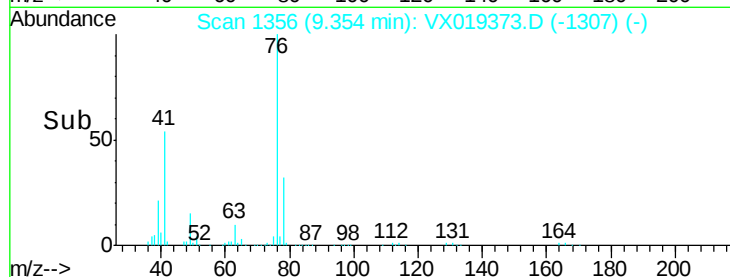
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 262.277 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX019373.D

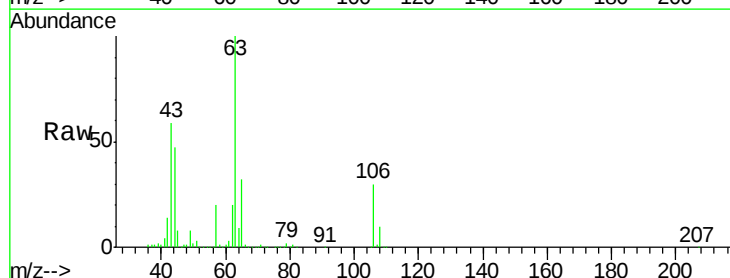
Acq: 09 Nov 2020 17:13

Tgt Ion: 63 Resp: 609921

Ion Ratio Lower Upper

63 100

106 29.4 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

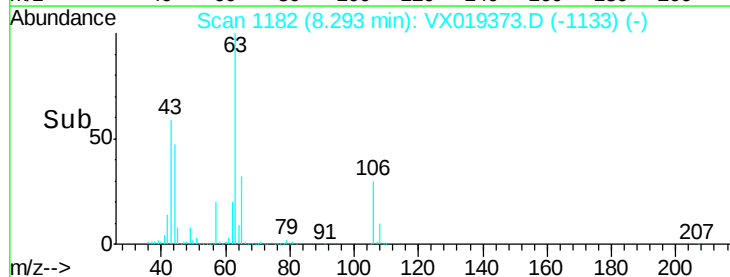
300000

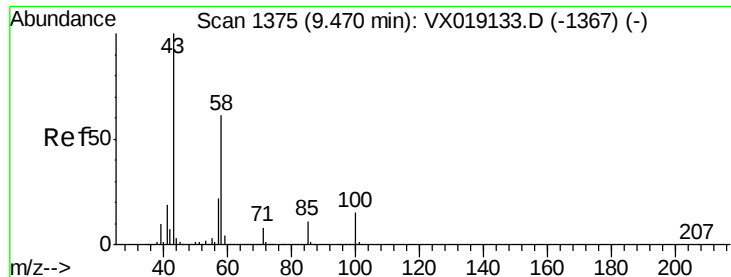
200000

100000

0

Time-->

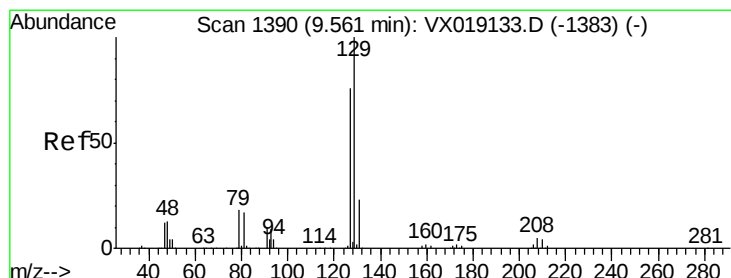
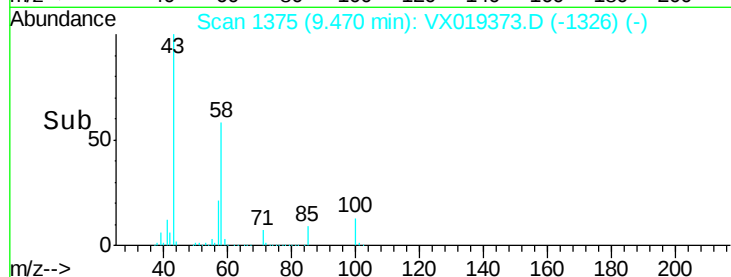
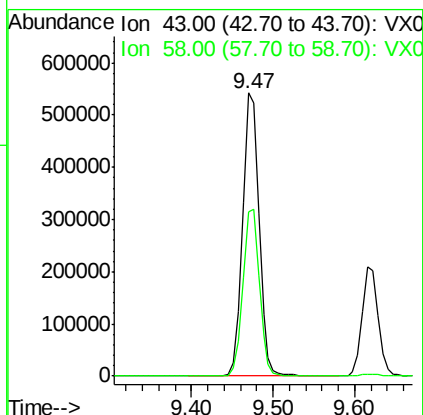
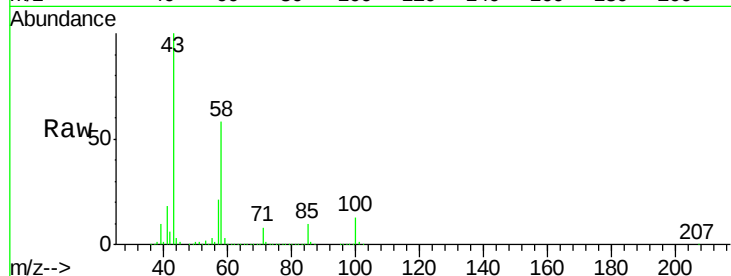




#59
2-Hexanone
Concen: 288.663 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

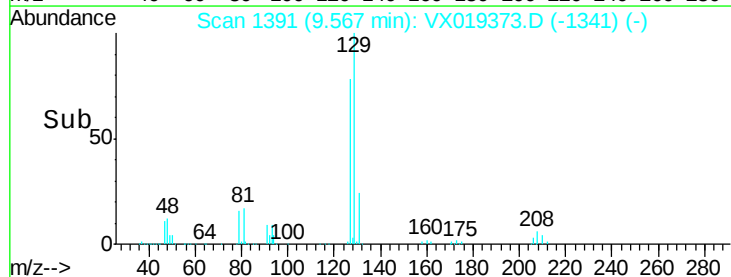
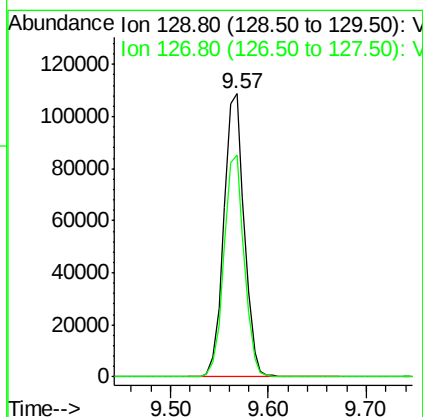
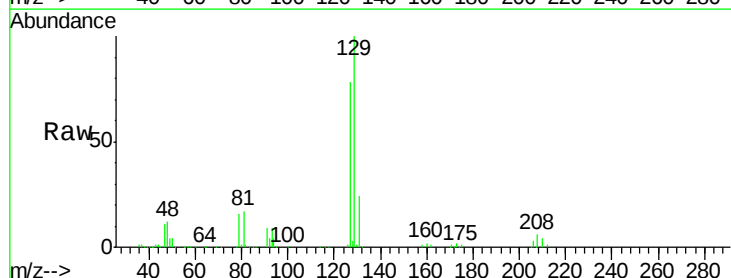
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 749120
Ion Ratio Lower Upper
43 100
58 59.6 30.5 91.5



#60
Dibromochloromethane
Concen: 52.629 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion: 129 Resp: 157234
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 52.215 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

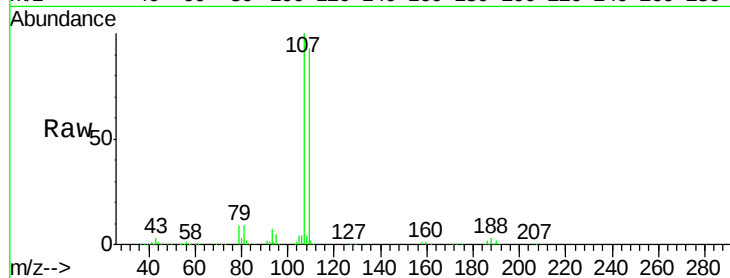
ClientSampleId :

Tot Ion:107 Resp: 153711

Ion Ratio Lower Upper

107 100

109 95.3 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

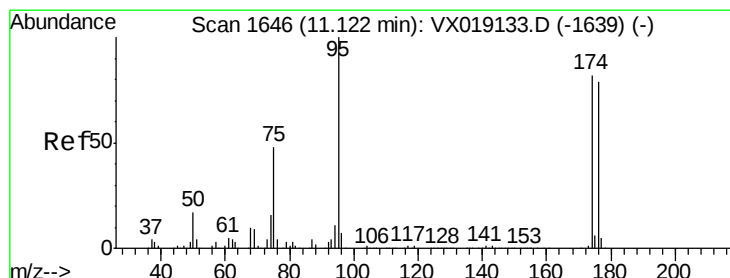
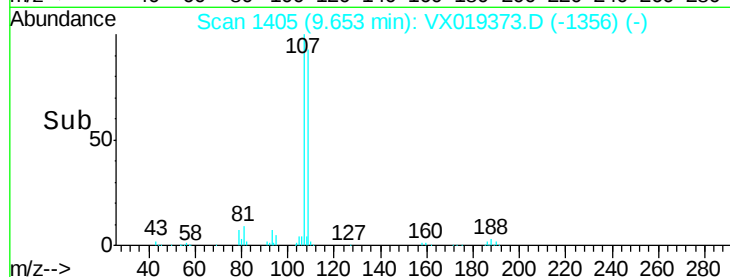
60000

40000

20000

0

Time--> 9.50 9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 51.504 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

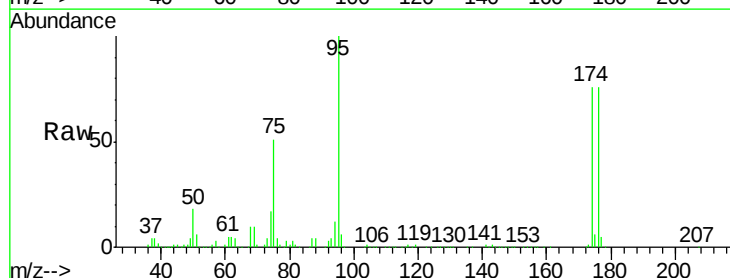
Tgt Ion: 95 Resp: 190826

Ion Ratio Lower Upper

95 100

174 75.0 0.0 156.0

176 73.5 0.0 149.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

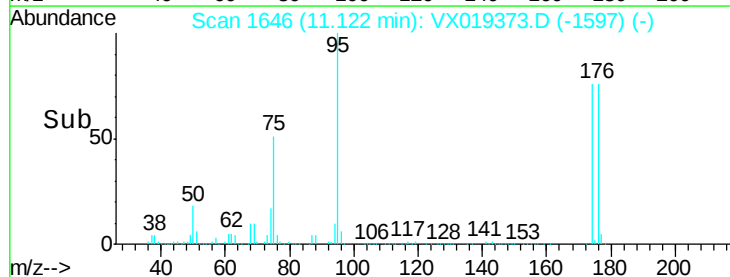
150000

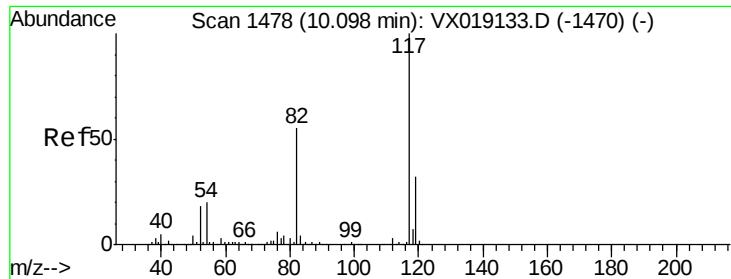
100000

50000

0

Time--> 11.10 11.20

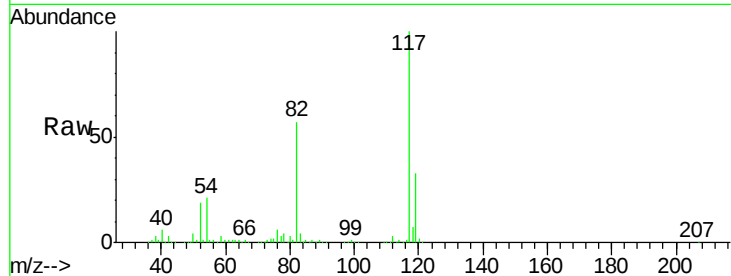




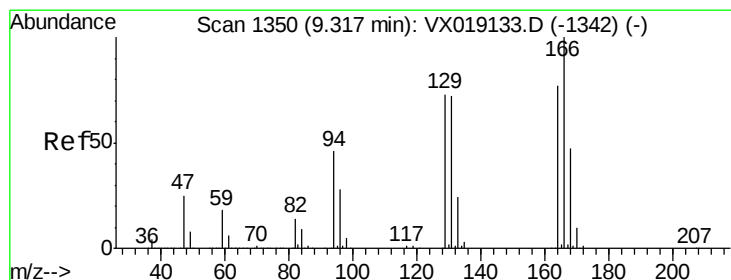
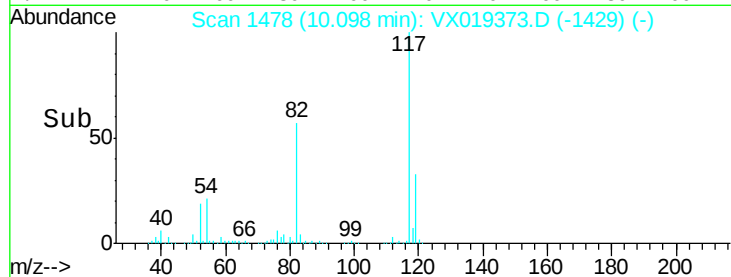
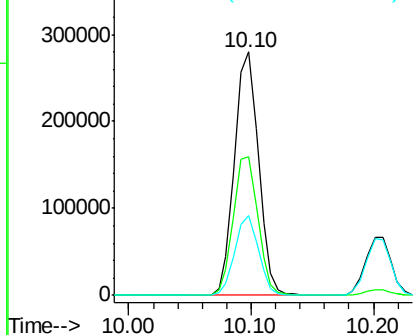
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	43.6	65.4
119	32.5	25.5	38.3



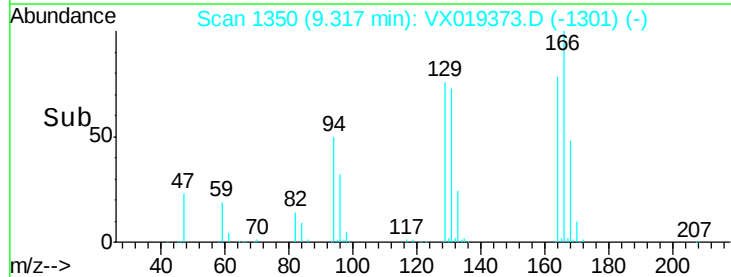
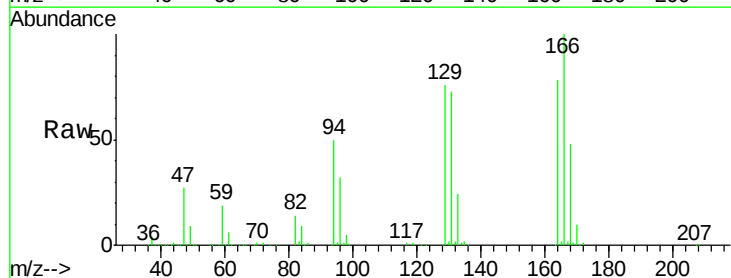
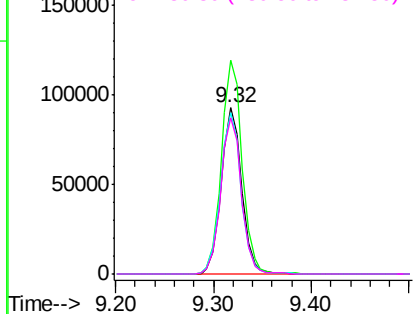
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

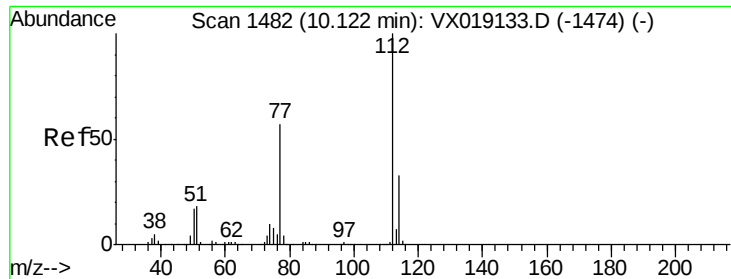


#64
Tetrachloroethene
Concen: 46.474 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	104.1	156.1
129	97.2	76.2	114.4
131	94.3	74.6	112.0

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

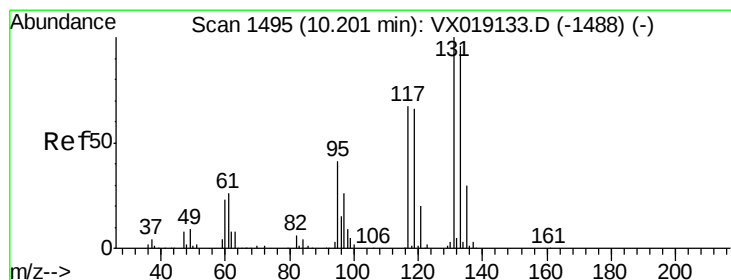
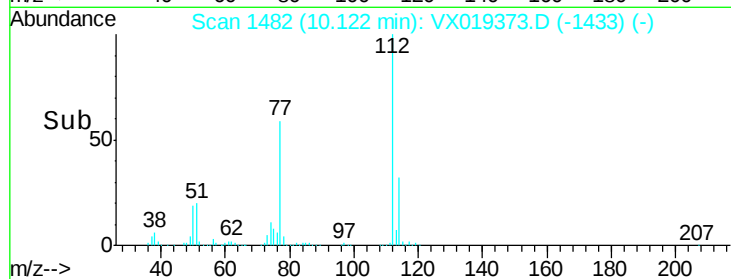
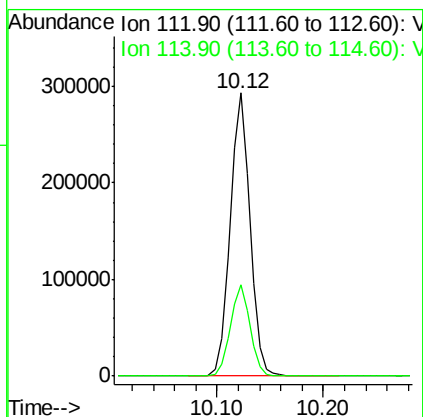
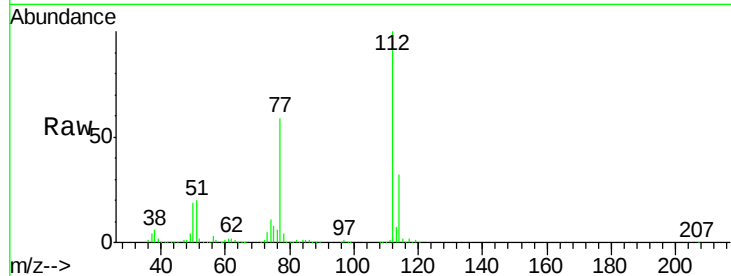




#65
Chlorobenzene
Concen: 49.449 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

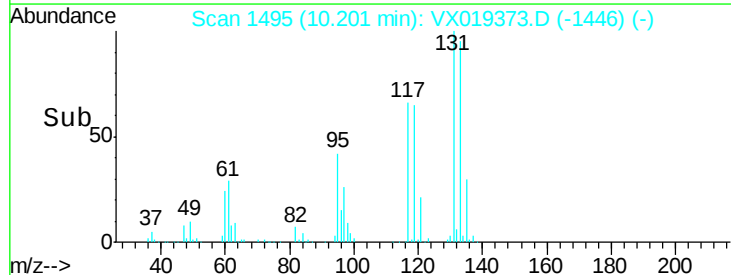
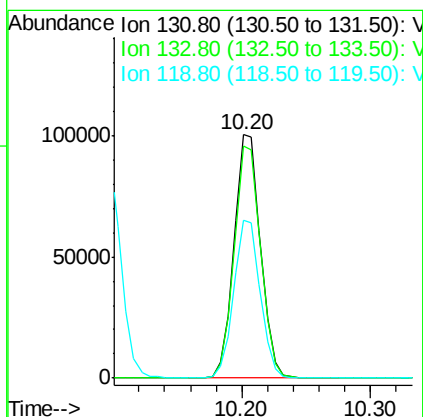
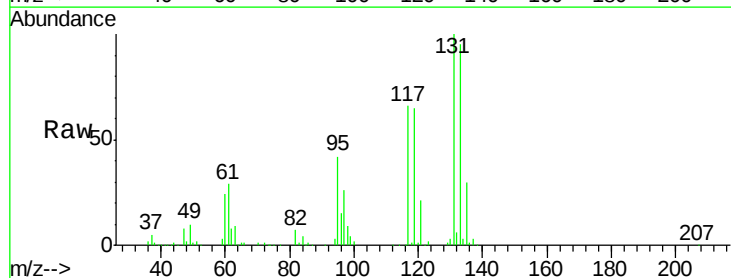
Instrument :
MSVOA_X
ClientSampleId :

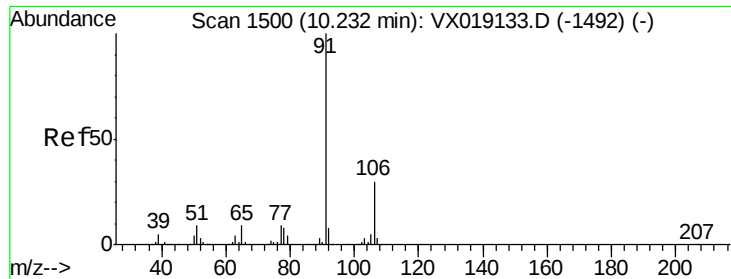
Tot Ion:112 Resp: 384968
Ion Ratio Lower Upper
112 100
114 32.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.221 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion:131 Resp: 143555
Ion Ratio Lower Upper
131 100
133 95.8 47.3 141.8
119 65.1 32.3 96.9

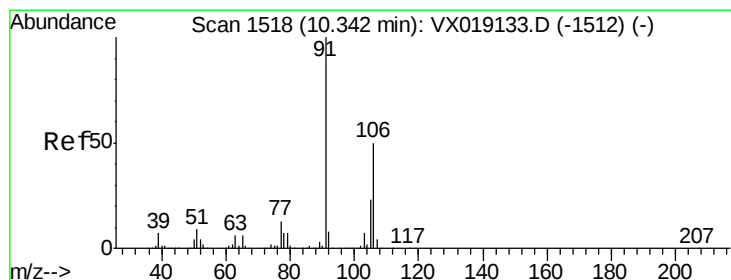
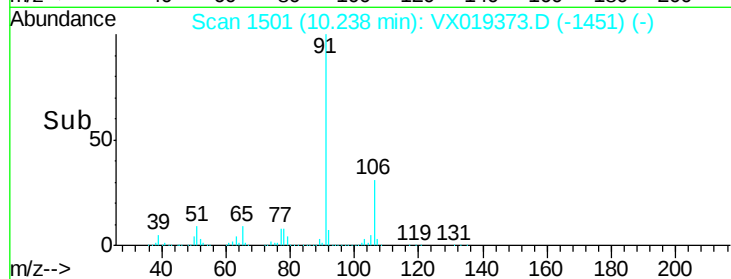
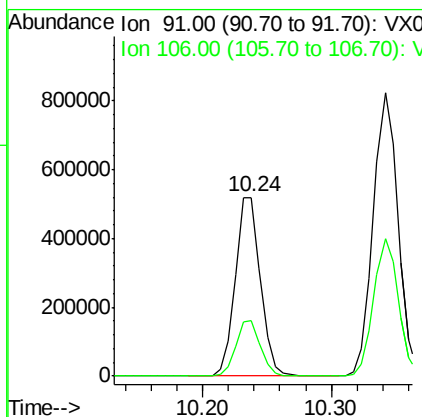
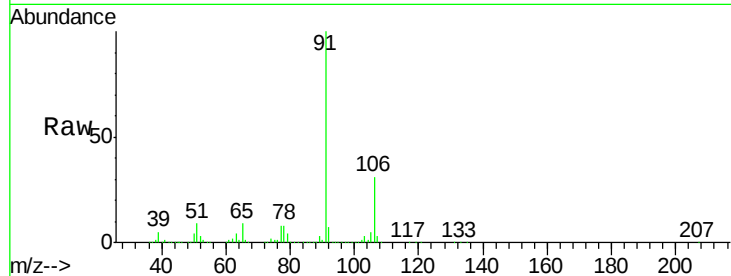




#67
Ethyl Benzene
Concen: 51.024 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

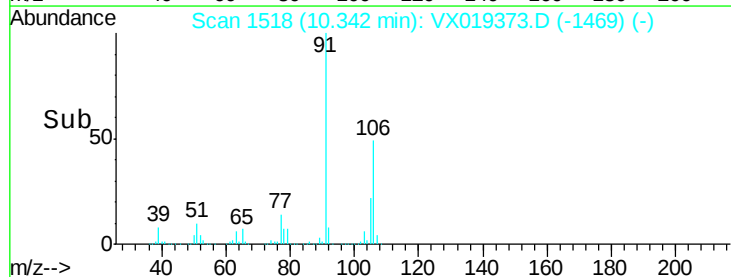
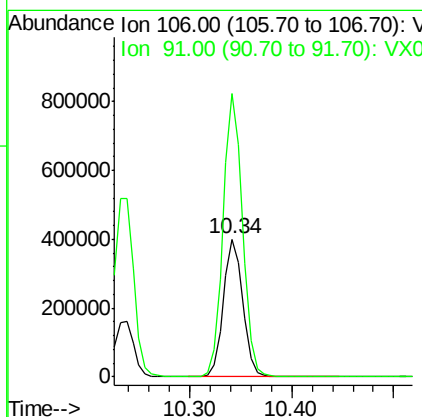
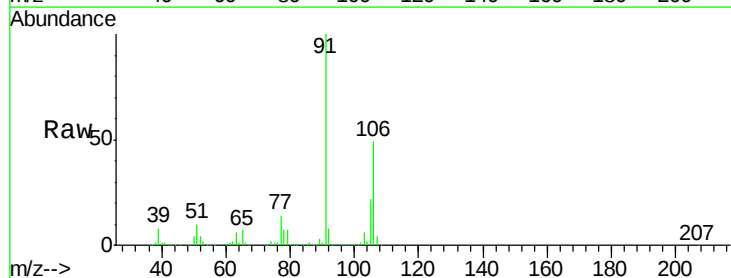
Instrument :
MSVOA_X
ClientSampled :

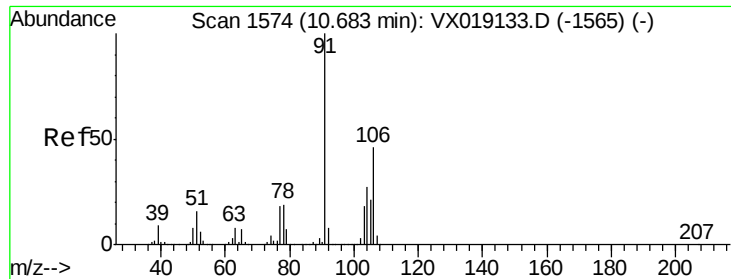
Tot Ion: 91 Resp: 707830
Ion Ratio Lower Upper
91 100
106 31.0 24.3 36.5



#68
m/p-Xylenes
Concen: 101.787 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion: 106 Resp: 529964
Ion Ratio Lower Upper
106 100
91 206.4 161.0 241.4

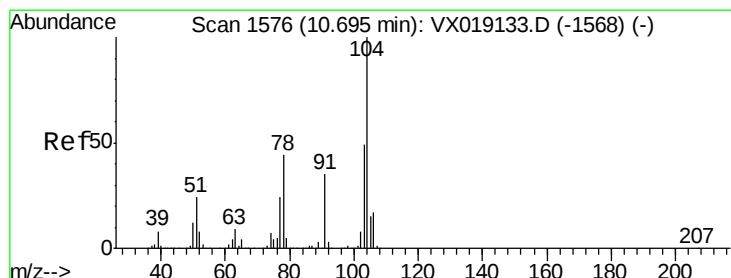
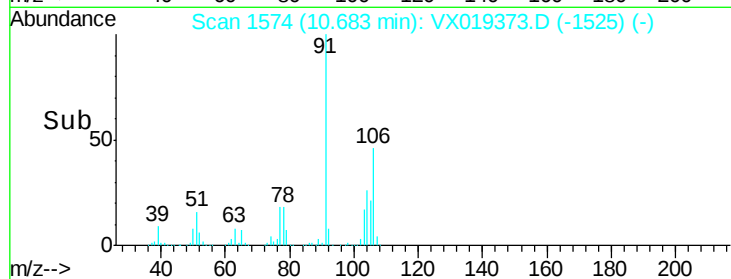
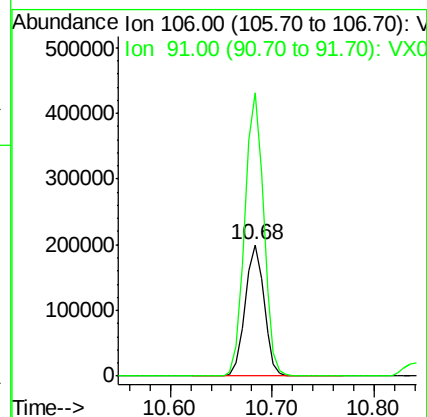
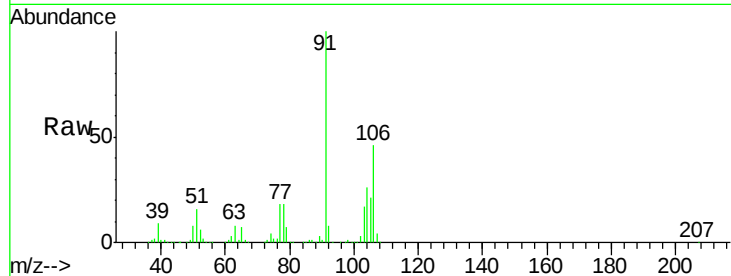




#69
o-Xylene
Concen: 51.603 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

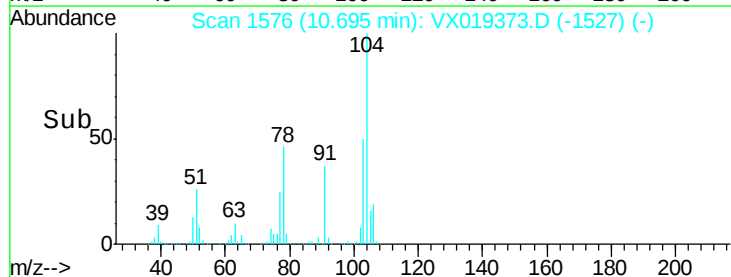
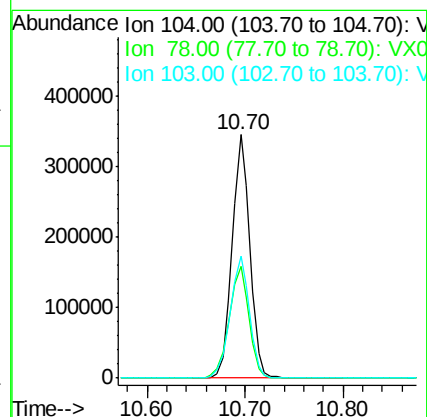
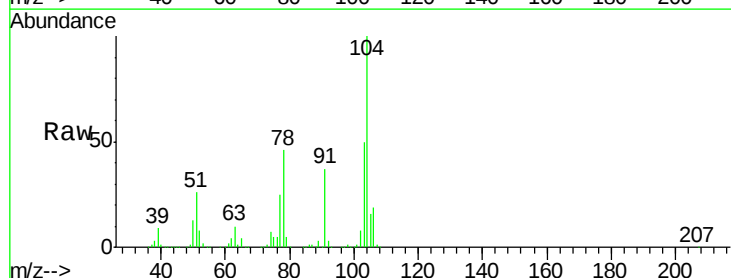
Instrument :
MSVOA_X
ClientSampled :

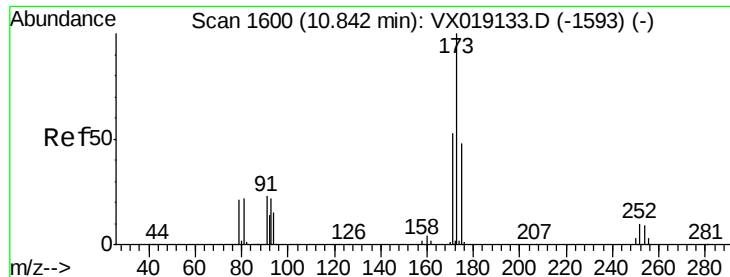
Tot Ion:106 Resp: 254835
Ion Ratio Lower Upper
106 100
91 215.3 108.3 324.8



#70
Styrene
Concen: 51.785 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion:104 Resp: 436342
Ion Ratio Lower Upper
104 100
78 50.9 40.0 60.0
103 54.4 43.5 65.3

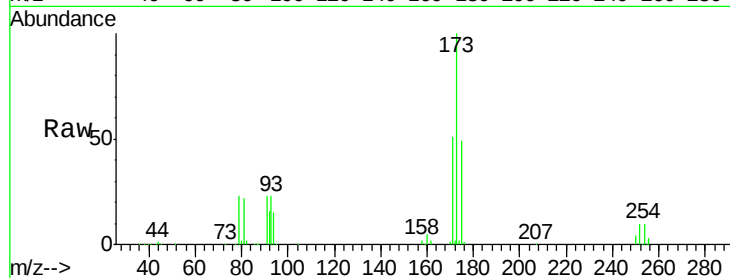




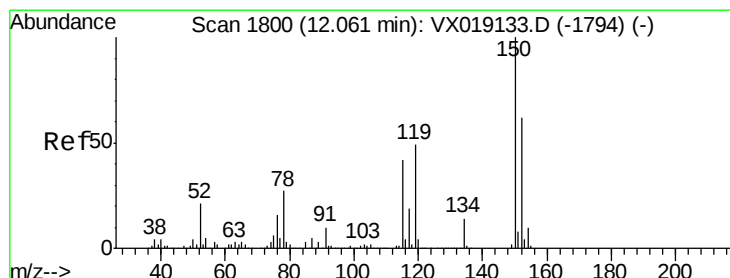
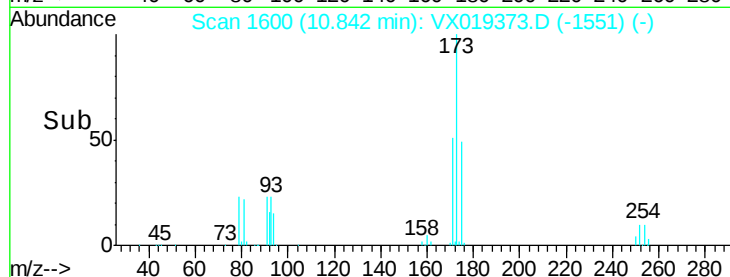
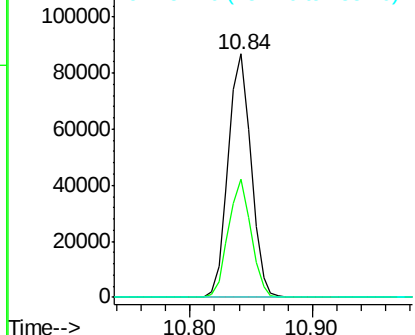
#71
Bromoform
Concen: 50.533 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 112291
Ion Ratio Lower Upper
173 100
175 48.2 24.4 73.4
254 0.1 0.1 0.1#

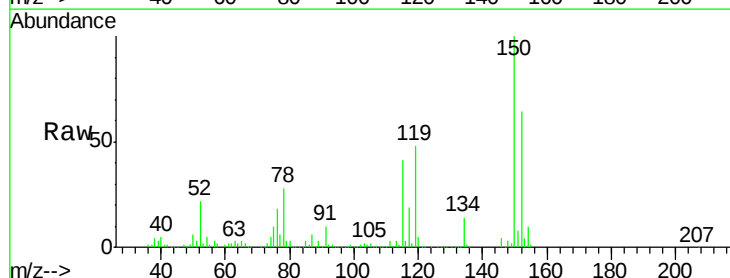


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

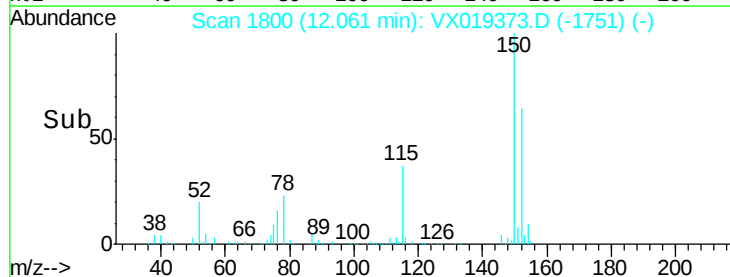
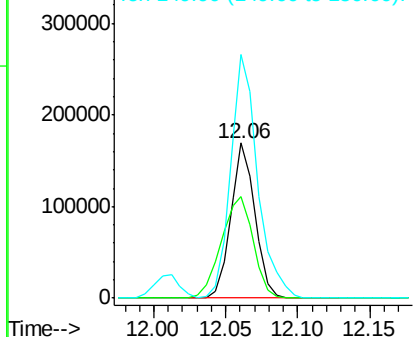


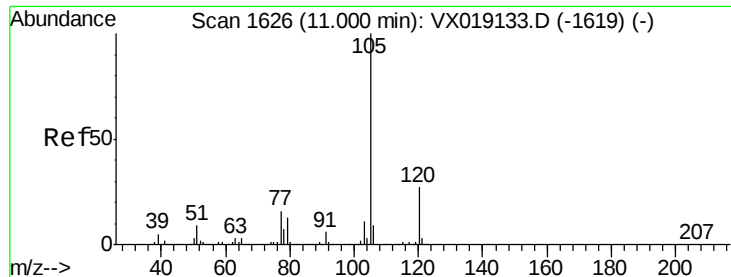
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion:152 Resp: 198860
Ion Ratio Lower Upper
152 100
115 85.9 41.9 125.7
150 175.7 0.0 347.8



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





#73

Isopropylbenzene

Concen: 48.667 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

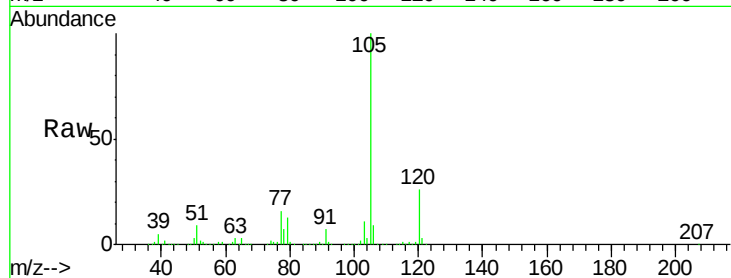
ClientSampleId :

Tot Ion:105 Resp: 685056

Ion Ratio Lower Upper

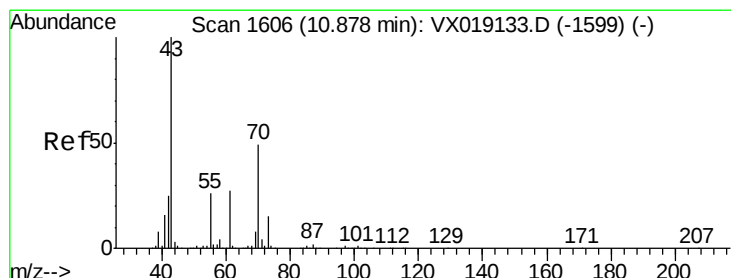
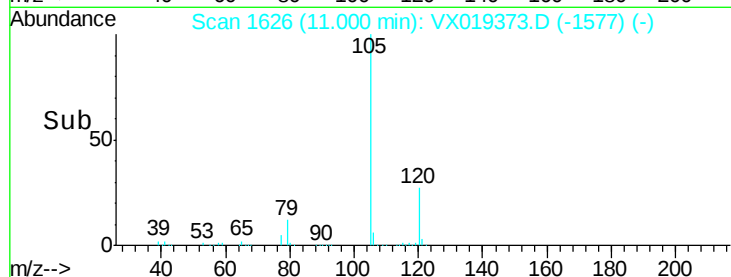
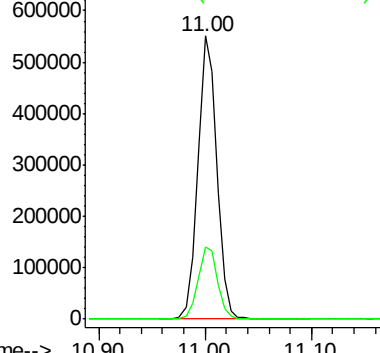
105 100

120 26.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.629 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Tgt Ion: 43 Resp: 281161

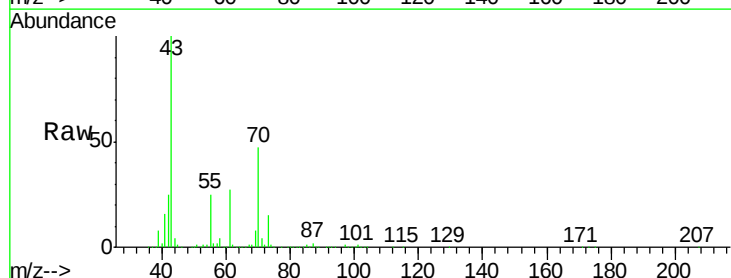
Ion Ratio Lower Upper

43 100

70 48.2 39.6 59.4

55 26.2 20.7 31.1

61 26.9 21.9 32.9

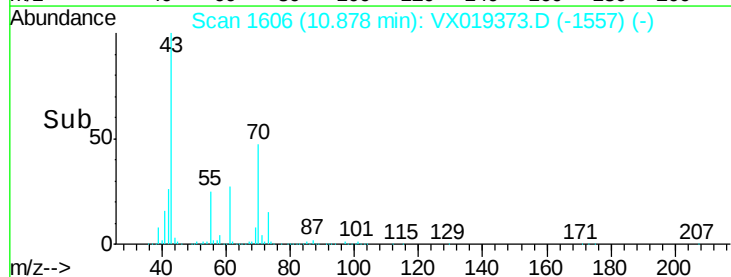
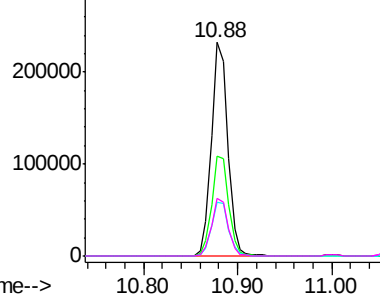


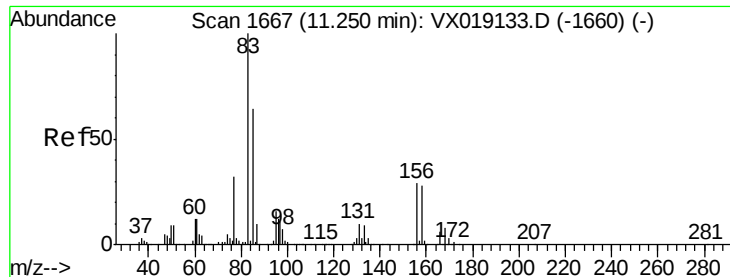
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.220 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

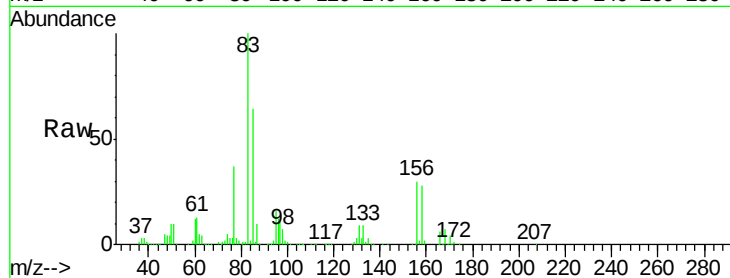
Tot Ion: 83 Resp: 234128

Ion Ratio Lower Upper

83 100

131 9.8 5.2 15.6

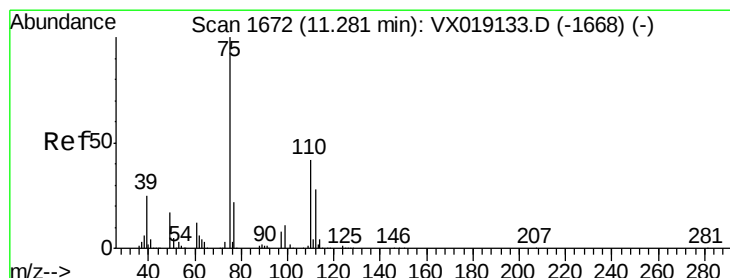
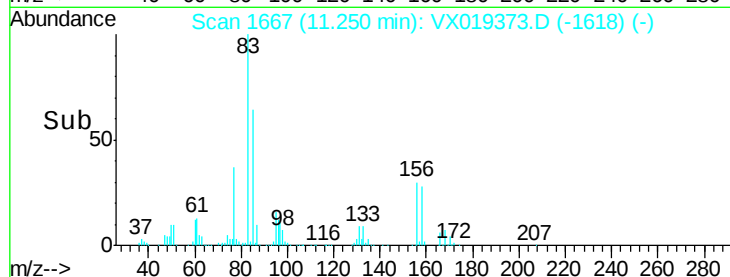
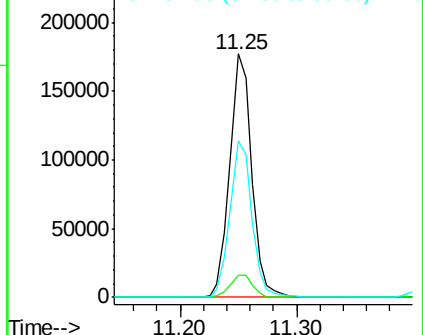
85 64.7 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.318 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019373.D

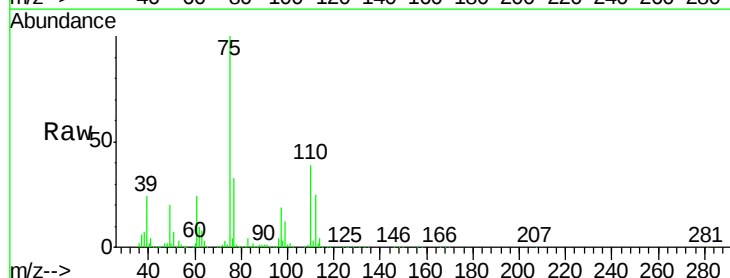
Acq: 09 Nov 2020 17:13

Tgt Ion: 75 Resp: 272306

Ion Ratio Lower Upper

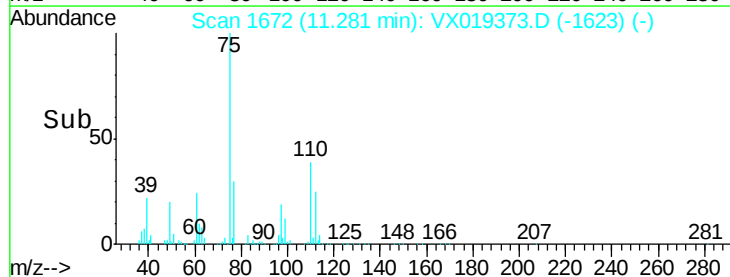
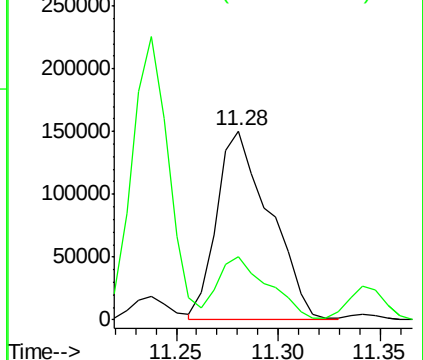
75 100

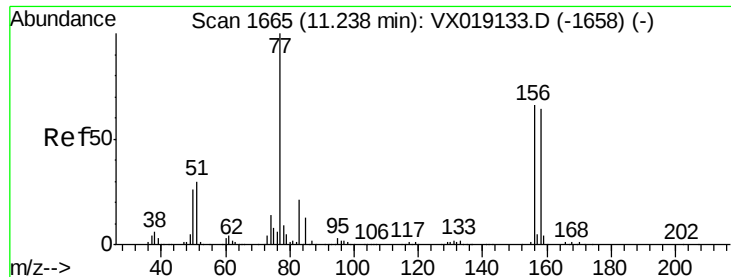
77 31.8 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.244 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

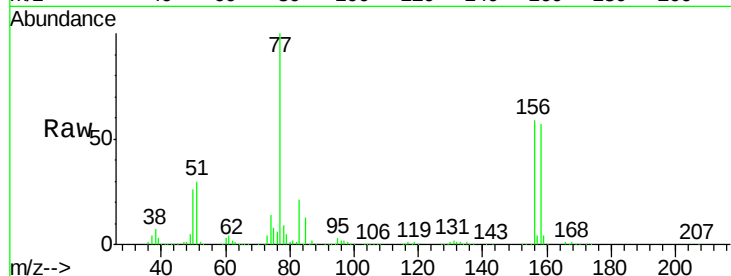
Tot Ion:156 Resp: 165050

Ion Ratio Lower Upper

156 100

77 170.9 77.7 233.1

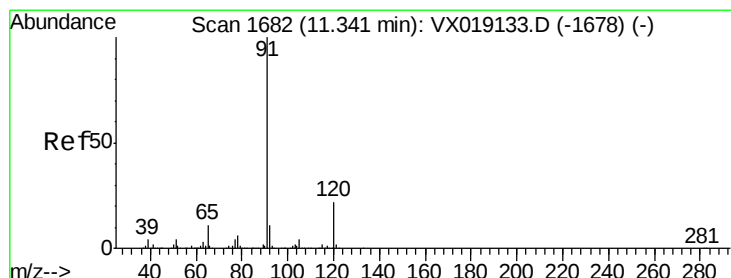
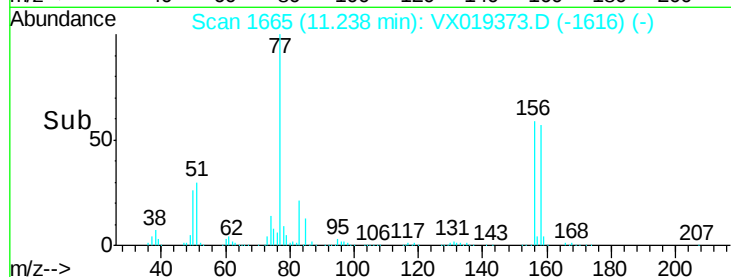
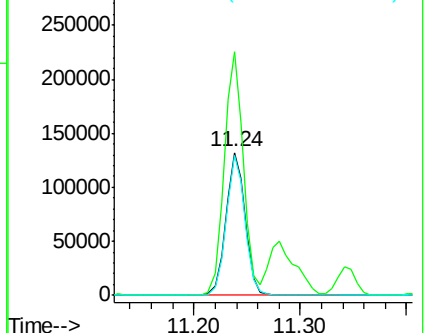
158 96.1 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.018 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019373.D

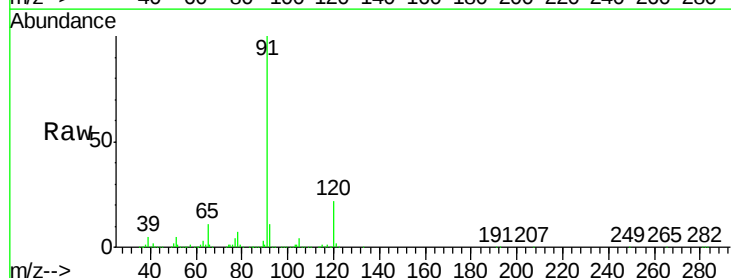
Acq: 09 Nov 2020 17:13

Tgt Ion: 91 Resp: 803715

Ion Ratio Lower Upper

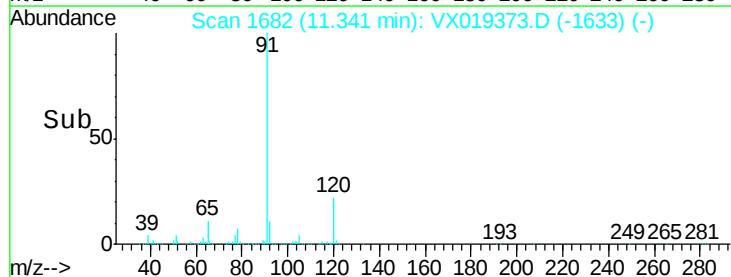
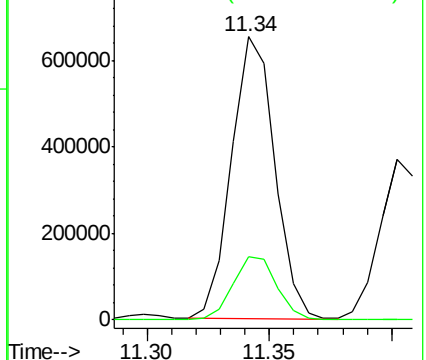
91 100

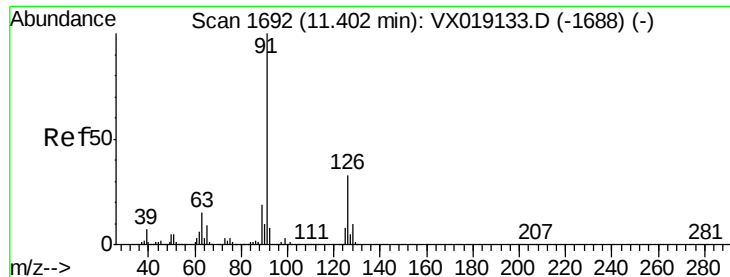
120 22.7 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

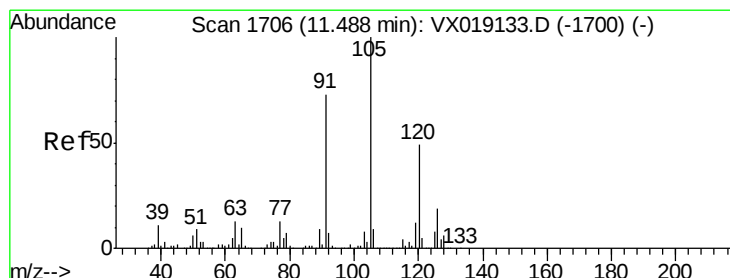
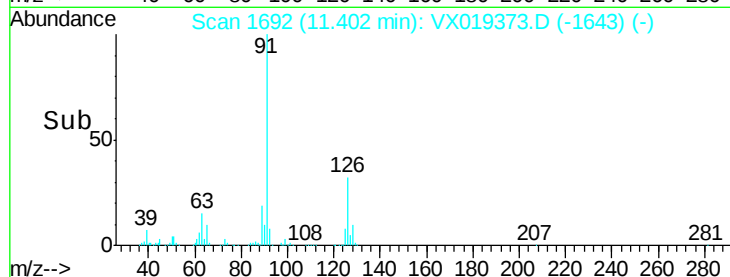
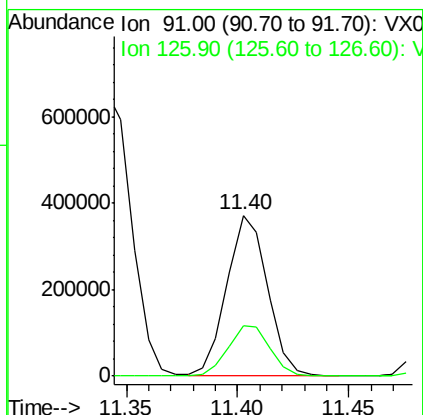
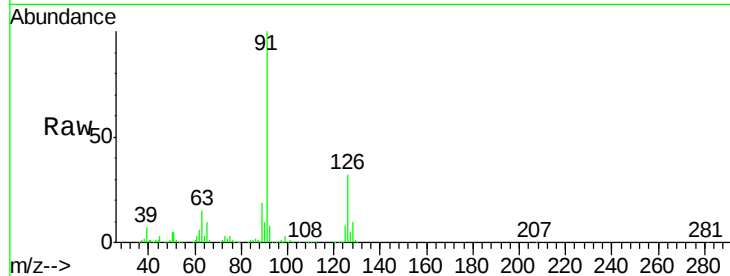




#79
2-Chlorotoluene
Concen: 49.727 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

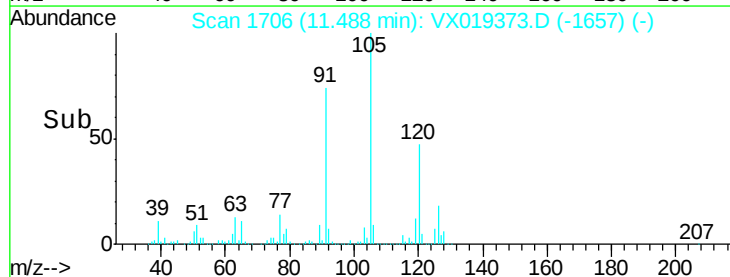
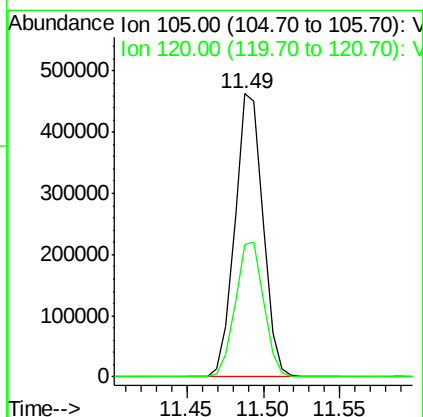
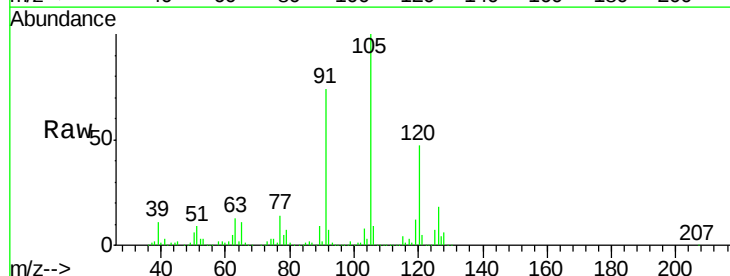
Instrument :
MSVOA_X
ClientSampleId :

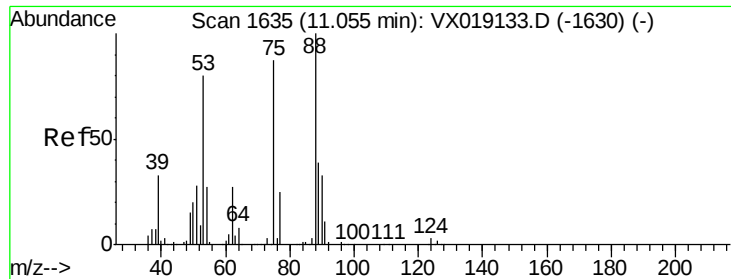
Tot Ion: 91 Resp: 470430
Ion Ratio Lower Upper
91 100
126 32.8 16.9 50.7



#80
1,3,5-Trimethylbenzene
Concen: 49.268 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion: 105 Resp: 585881
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.8

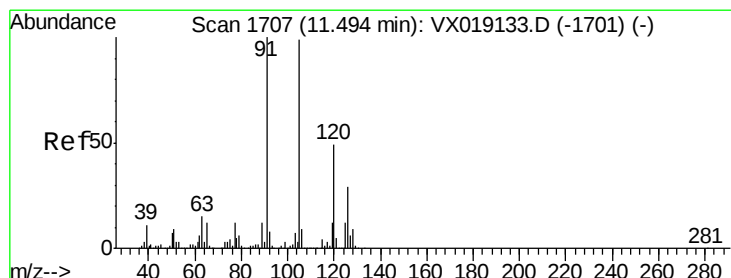
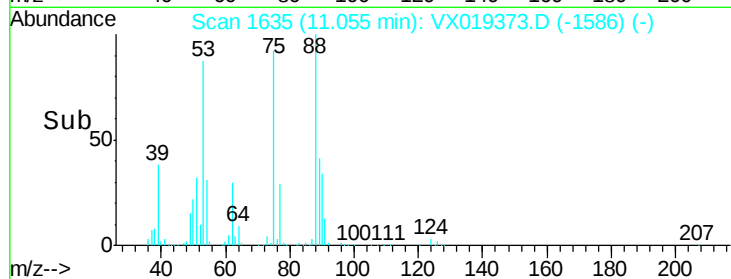
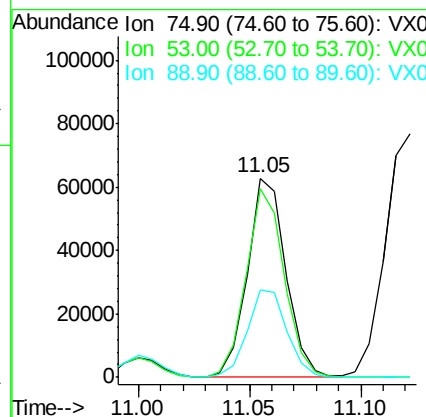
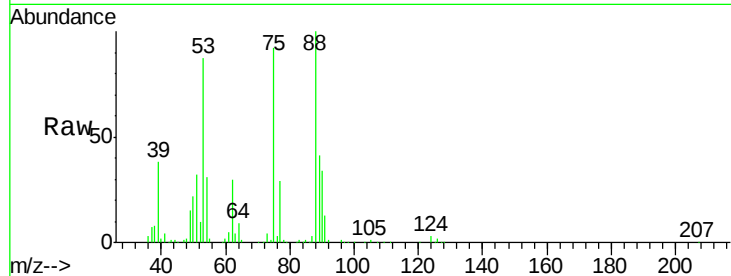




#81
trans-1,4-Dichloro-2-butene
Concen: 48.437 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

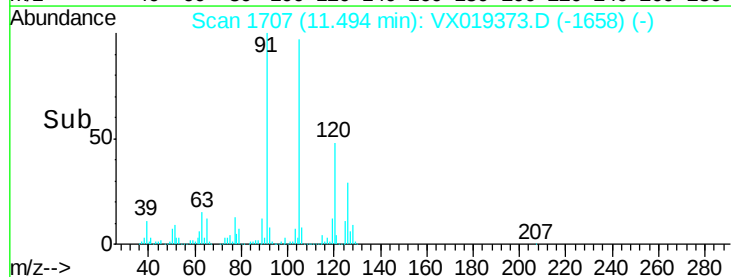
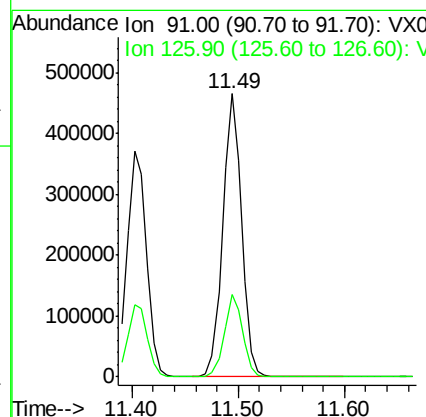
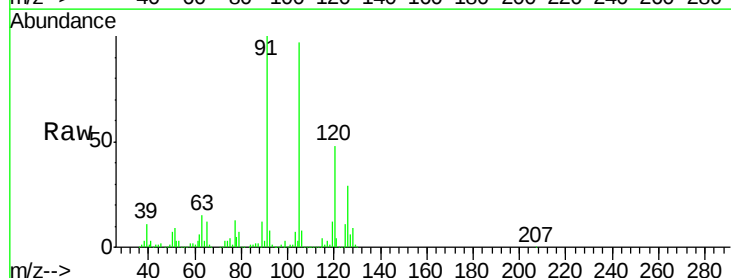
Instrument :
MSVOA_X
ClientSampleId :

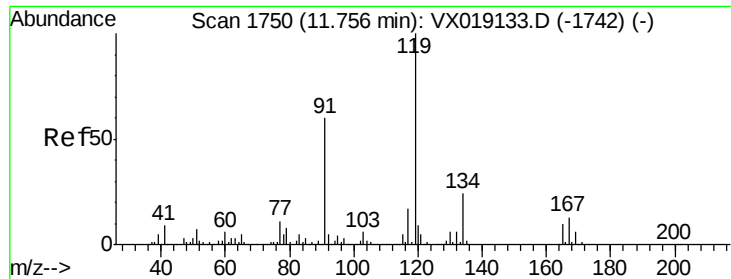
Tot Ion: 75 Resp: 75535
Ion Ratio Lower Upper
75 100
53 93.7 73.3 109.9
89 45.5 38.2 57.2



#82
4-Chlorotoluene
Concen: 49.292 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion: 91 Resp: 569434
Ion Ratio Lower Upper
91 100
126 28.5 14.8 44.4

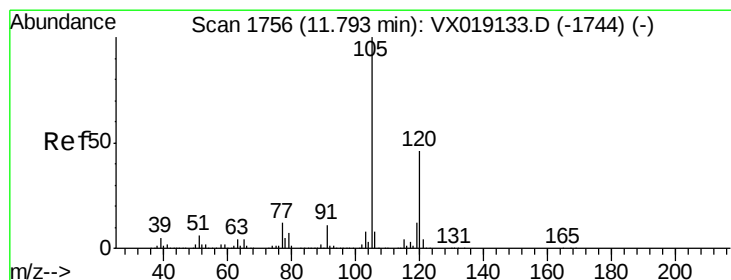
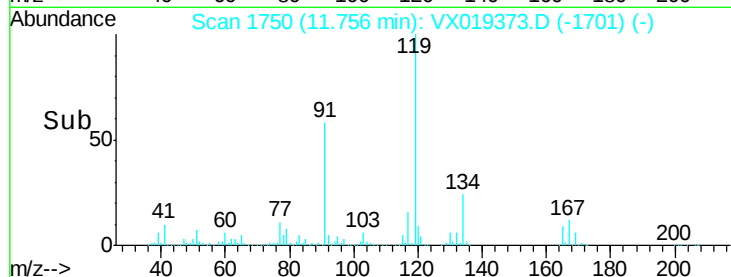
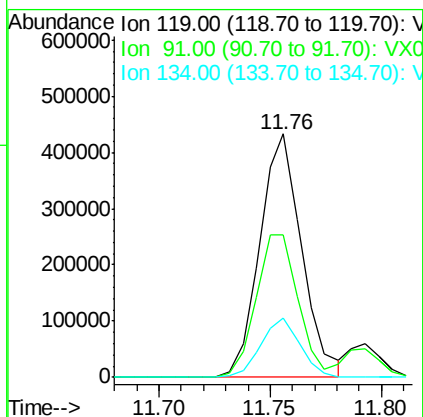
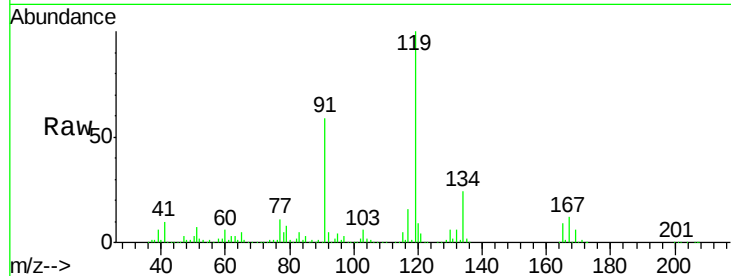




#83
tert-Butylbenzene
Concen: 49.686 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

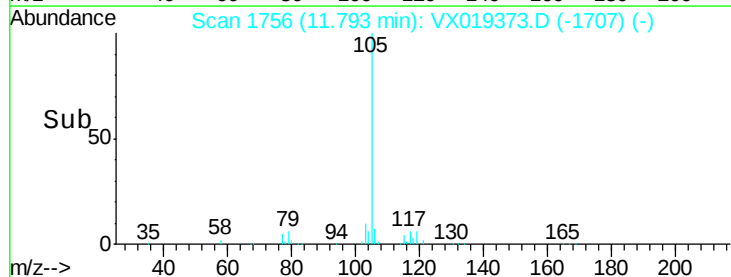
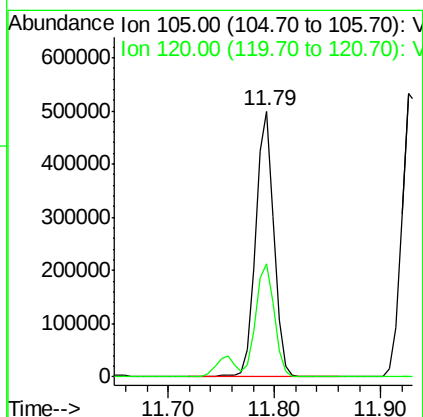
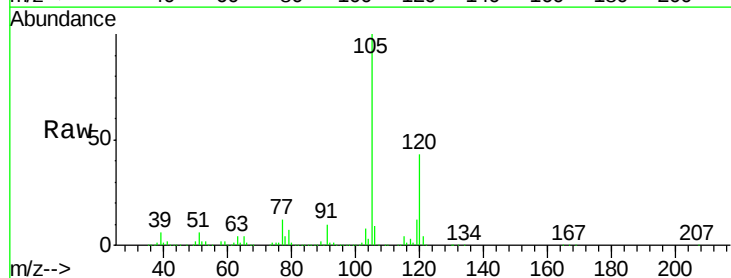
Instrument :
MSVOA_X
ClientSampleId :

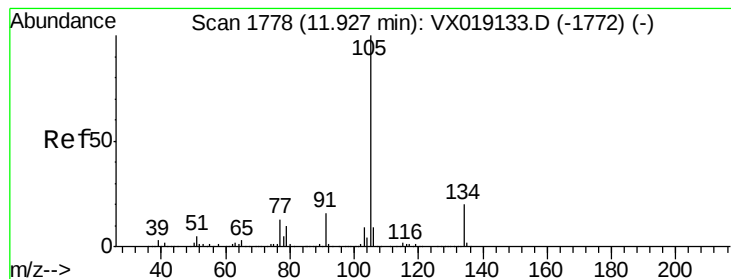
Tot Ion:119 Resp: 565731
Ion Ratio Lower Upper
119 100
91 59.0 29.0 87.1
134 22.9 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 49.737 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion:105 Resp: 597102
Ion Ratio Lower Upper
105 100
120 43.6 22.4 67.3





#85

sec-Butylbenzene

Concen: 49.847 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

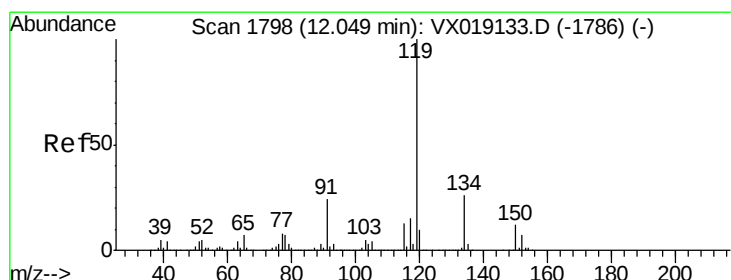
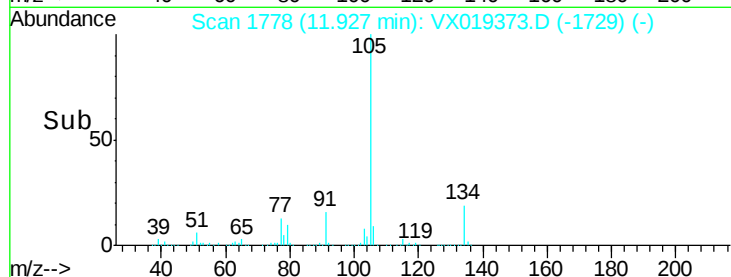
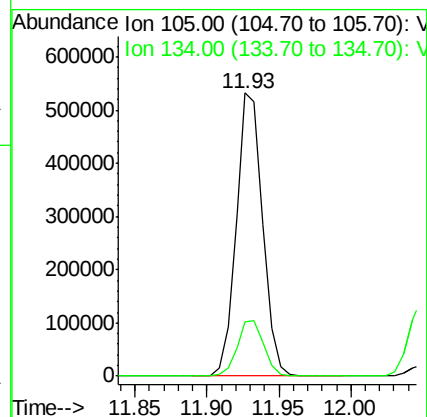
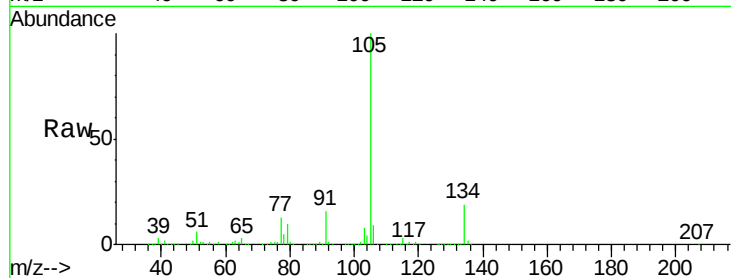
ClientSampleId :

Tot Ion:105 Resp: 680720

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 49.560 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

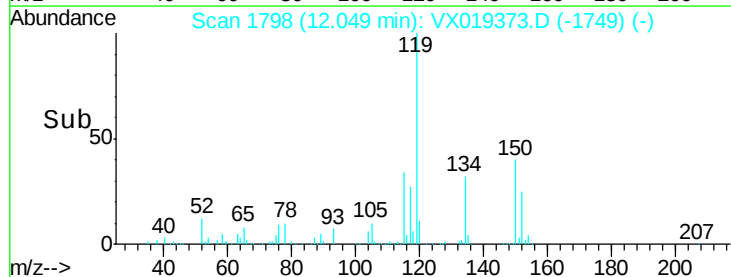
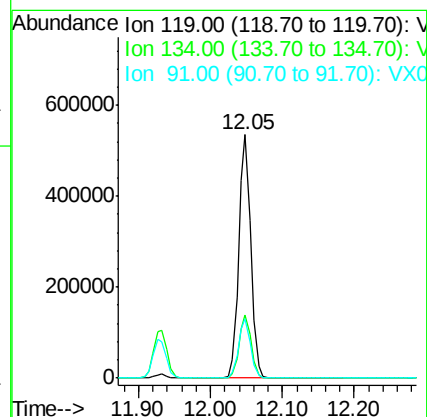
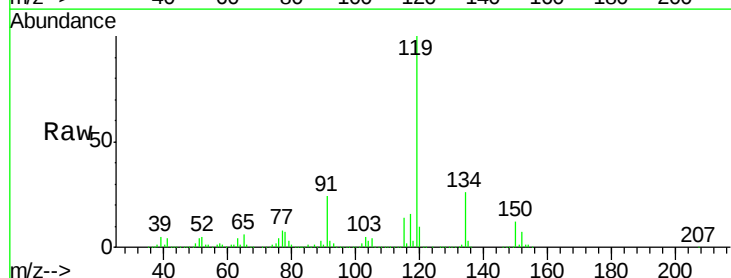
Tgt Ion:119 Resp: 624684

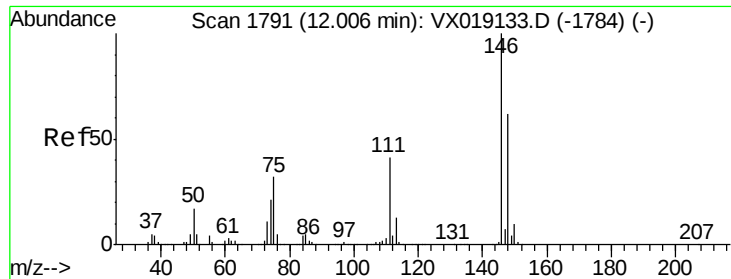
Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

91 24.4 12.0 36.0

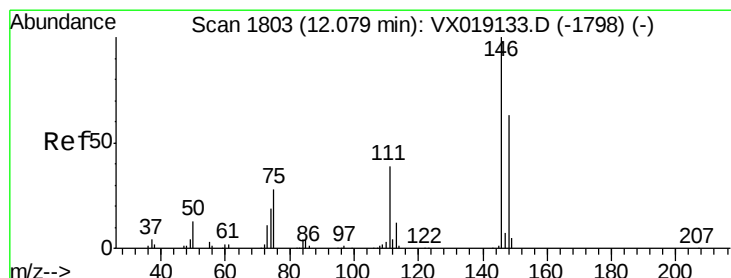
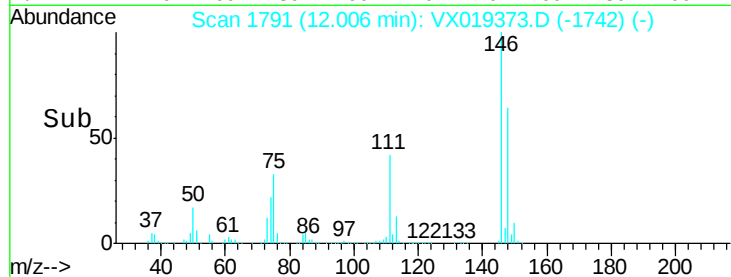
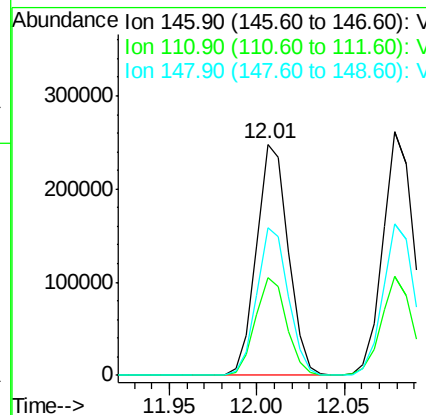
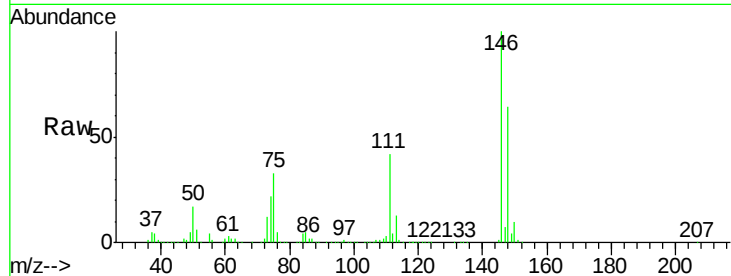




#87
 1,3-Dichlorobenzene
 Concen: 48.188 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

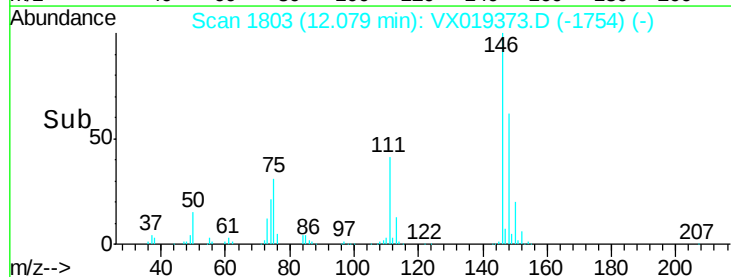
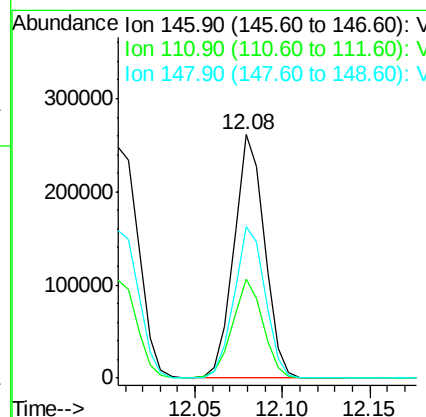
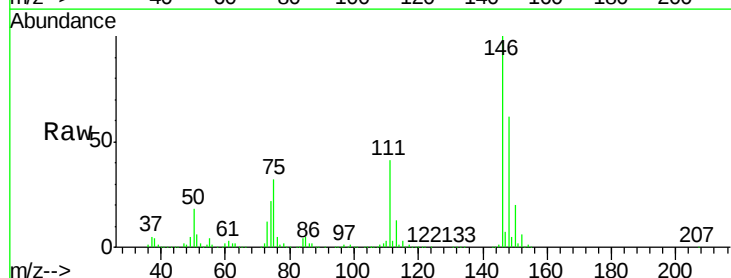
Instrument :
 MSVOA_X
 ClientSampleId :

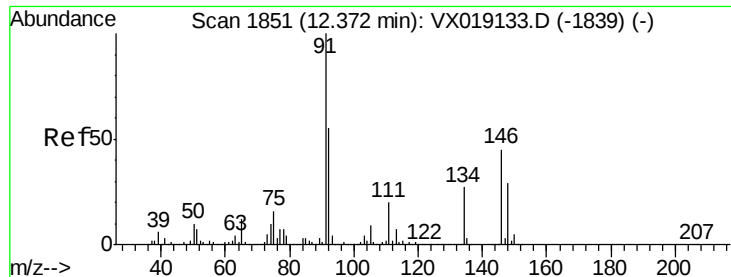
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.4	61.2
148	63.2	31.6	94.8



#88
 1,4-Dichlorobenzene
 Concen: 46.753 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.2	60.5
148	63.2	31.3	93.8





#89

n-Butylbenzene

Concen: 49.232 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

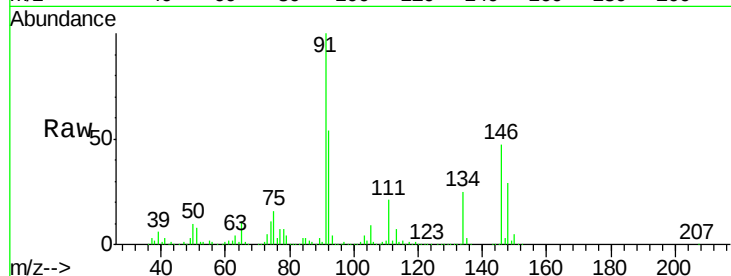
Tot Ion: 91 Resp: 583294

Ion Ratio Lower Upper

91 100

92 54.0 27.5 82.4

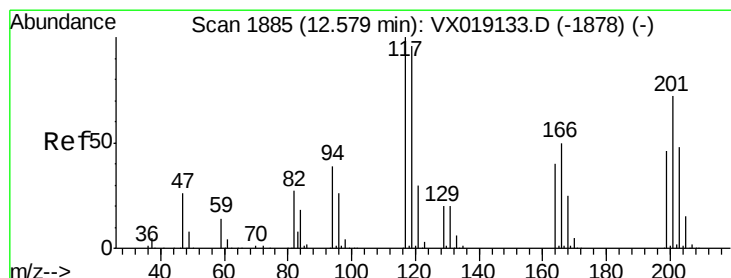
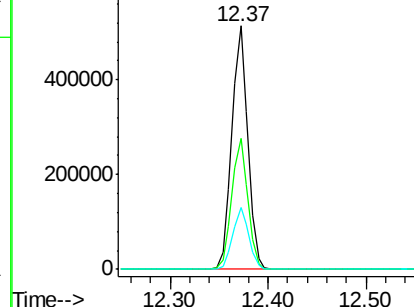
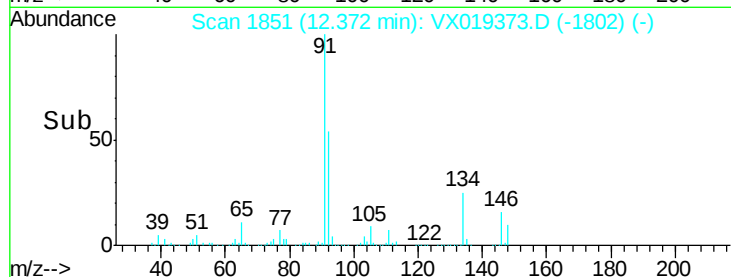
134 25.2 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX019373.D (-1839) (-)

Ion 92.00 (91.70 to 92.70): VX019373.D (-1839) (-)

Ion 134.00 (133.70 to 134.70): VX019373.D (-1839) (-)



#90

Hexachloroethane

Concen: 50.041 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX019373.D

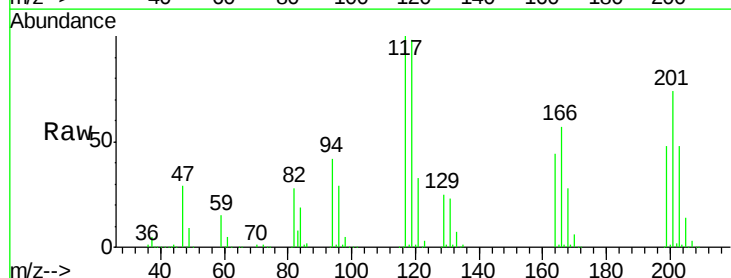
Acq: 09 Nov 2020 17:13

Tgt Ion: 117 Resp: 107212

Ion Ratio Lower Upper

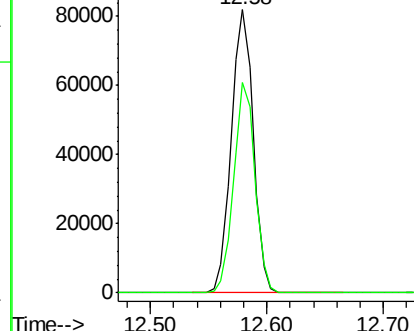
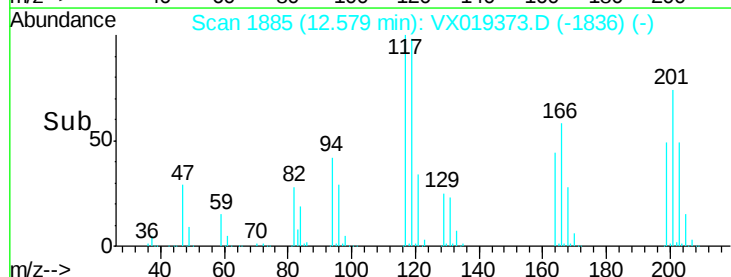
117 100

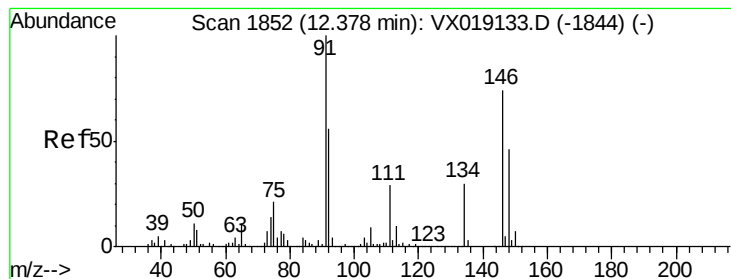
201 72.3 38.5 115.3



Abundance Ion 116.80 (116.50 to 117.50): VX019373.D (-1878) (-)

Ion 200.70 (200.40 to 201.40): VX019373.D (-1878) (-)





#91

1,2-Dichlorobenzene

Concen: 50.308 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

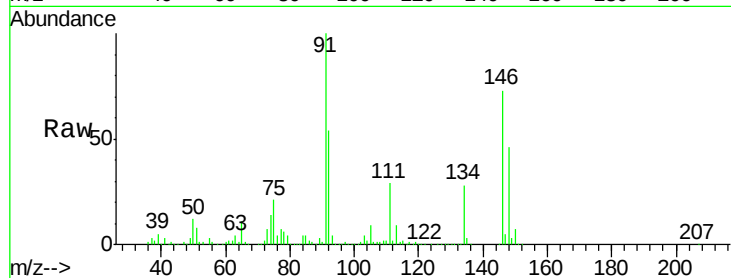
Tot Ion:146 Resp: 314282

Ion Ratio Lower Upper

146 100

111 42.4 21.2 63.6

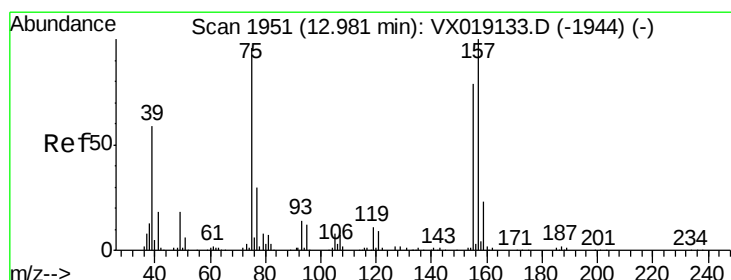
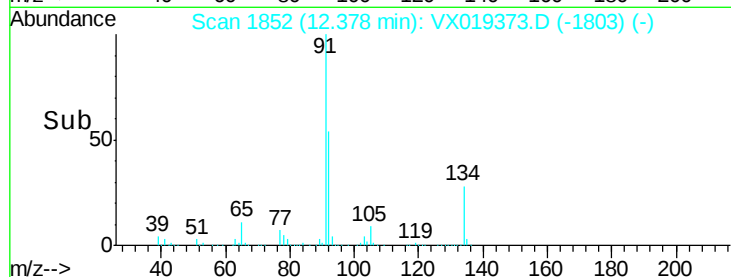
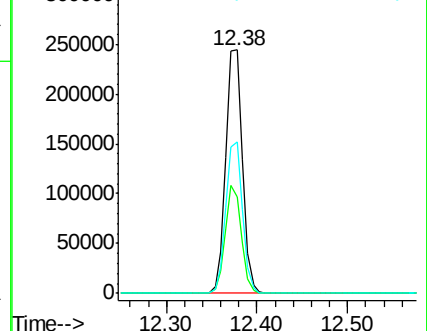
148 62.0 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.033 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

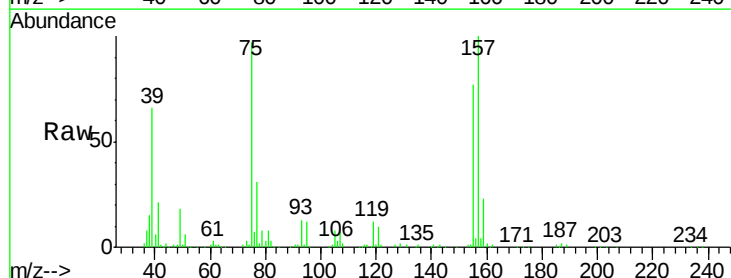
Tgt Ion: 75 Resp: 52805

Ion Ratio Lower Upper

75 100

155 81.4 42.8 128.4

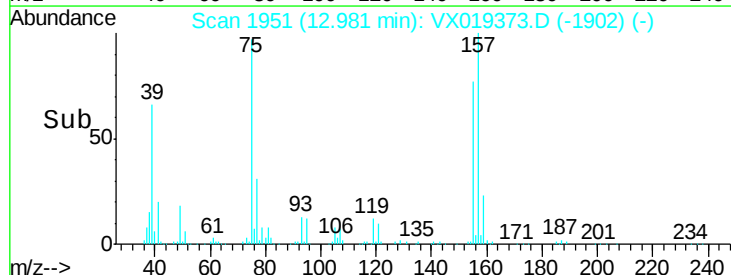
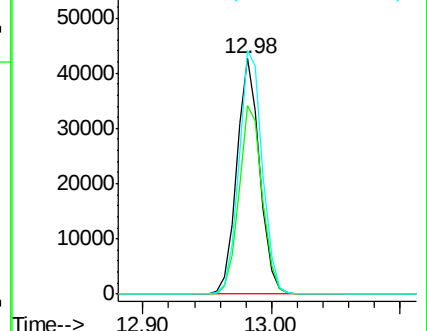
157 105.5 54.8 164.4

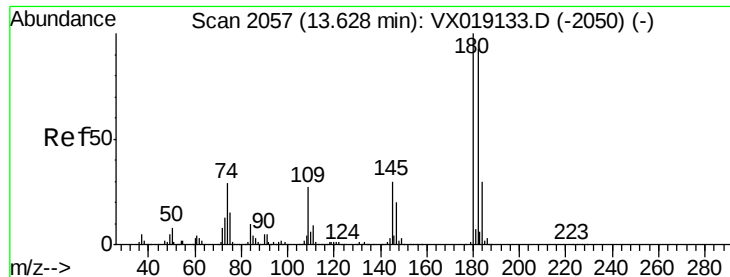


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

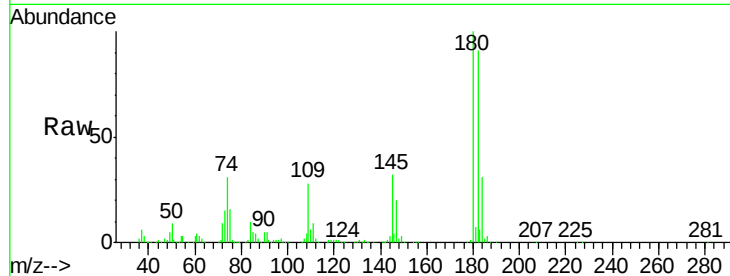




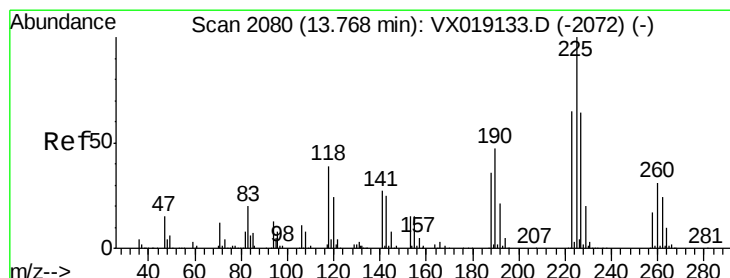
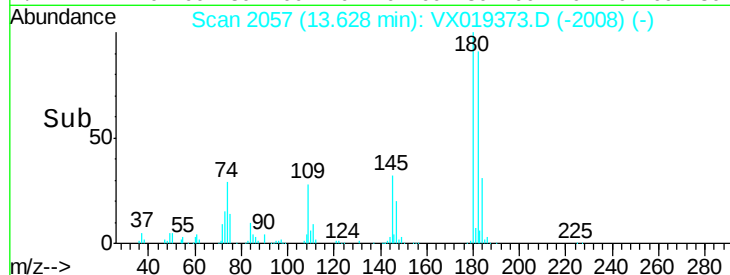
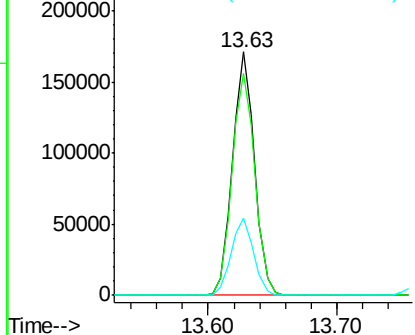
#93
 1,2,4-Trichlorobenzene
 Concen: 43.517 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	46.8	140.3
145	32.4	15.5	46.5

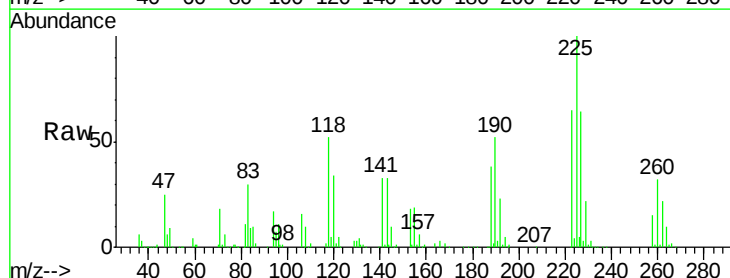


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

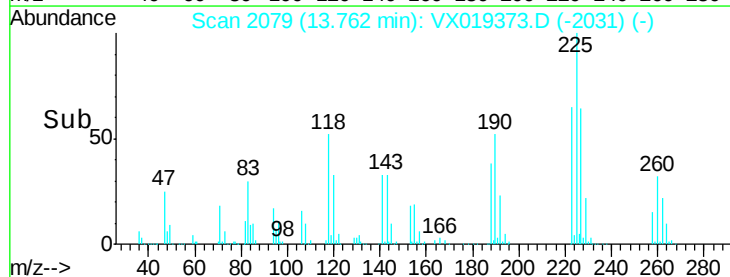
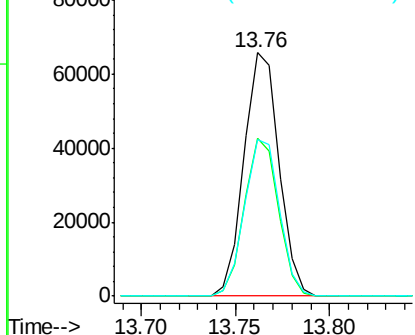


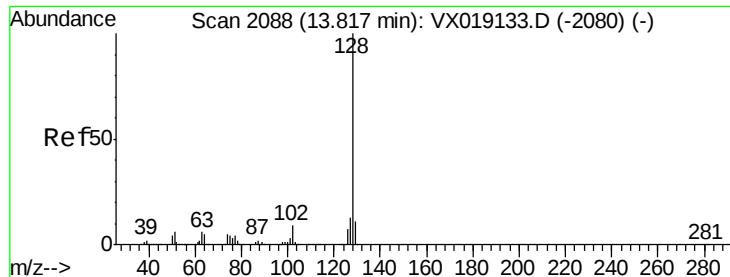
#94
 Hexachlorobutadiene
 Concen: 41.157 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	32.4	97.2
227	64.2	31.6	94.7



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





#95

Naphthalene

Concen: 47.176 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

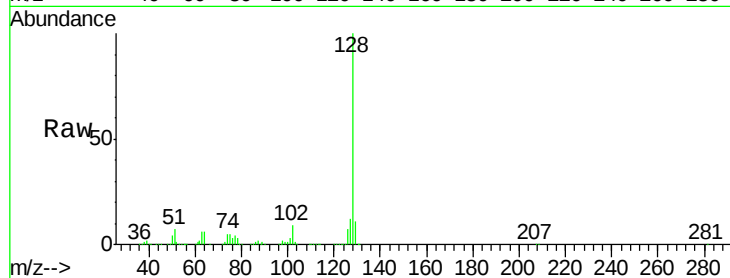
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 697215

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.9	8.6	13.0

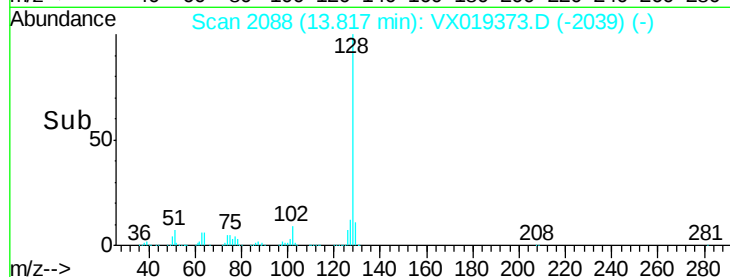


Abundance Ion 128.00 (127.70 to 128.70): V

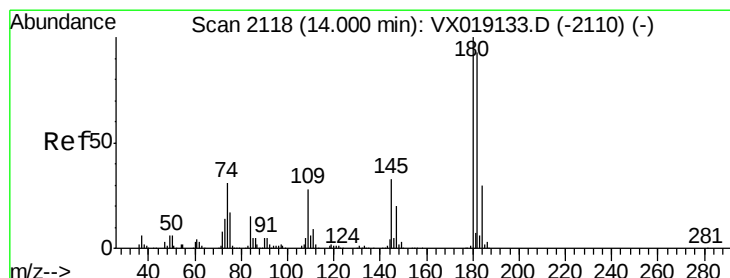
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.82



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 42.742 ug/l

RT: 14.00 min Scan# 2118

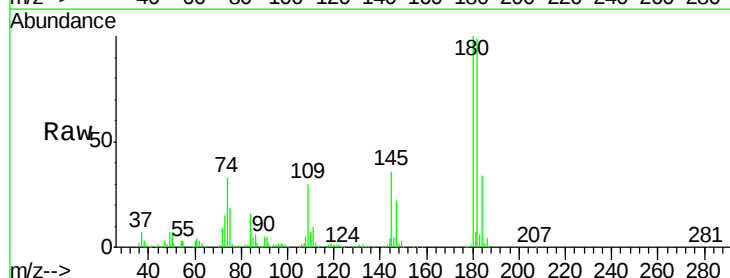
Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Tgt Ion:180 Resp: 194572

Ion	Ratio	Lower	Upper
180	100		
182	98.7	47.8	143.3
145	35.6	16.5	49.5

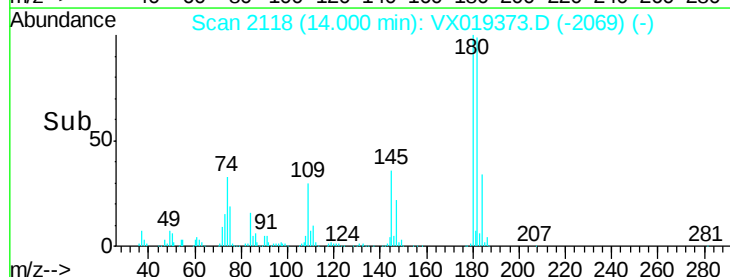


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

14.00



Time-->