

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071720\
 Data File : VX017428.D
 Acq On : 17 Jul 2020 18:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 18 07:01:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	569109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	937514	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	939321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	532556	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	364387	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
35) Dibromofluoromethane	5.46	113	314910	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	8.70	98	1154287	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	11.12	95	492440	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	140985	29.276	ug/l	99
3) Chloromethane	1.31	50	147244	27.159	ug/l	98
4) Vinyl Chloride	1.39	62	153514	28.623	ug/l	100
5) Bromomethane	1.62	94	74127	21.231	ug/l	98
6) Chloroethane	1.71	64	95495	28.208	ug/l	99
7) Trichlorofluoromethane	1.92	101	246374	27.216	ug/l	97
8) Diethyl Ether	2.17	74	86478	27.025	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	151039	29.290	ug/l	98
10) Methyl Iodide	2.49	142	148440	23.062	ug/l	98
11) Tert butyl alcohol	3.01	59	176346	146.536	ug/l	99
12) 1,1-Dichloroethene	2.36	96	148887	28.748	ug/l	96
13) Acrolein	2.28	56	4320	6.549	ug/l	95
14) Allyl chloride	2.71	41	270646	30.159	ug/l	96
15) Acrylonitrile	3.12	53	440136	150.870	ug/l	99
16) Acetone	2.42	43	370183	145.270	ug/l	98
17) Carbon Disulfide	2.55	76	430043	28.464	ug/l	99
18) Methyl Acetate	2.75	43	197804	31.428	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	511077	29.062	ug/l	99
20) Methylene Chloride	2.83	84	182593	29.368	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	168008	28.353	ug/l	97
22) Diisopropyl ether	3.83	45	531032	31.065	ug/l	88
23) Vinyl Acetate	3.79	43	2366461	157.409	ug/l	99
24) 1,1-Dichloroethane	3.67	63	297310	29.594	ug/l	99
25) 2-Butanone	4.64	43	606595	149.874	ug/l	100
26) 2,2-Dichloropropane	4.55	77	248182	26.544	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	182294	28.054	ug/l	98
28) Bromochloromethane	4.98	49	147153	31.708	ug/l	94
29) Tetrahydrofuran	5.09	42	397467	151.709	ug/l	97
30) Chloroform	5.18	83	303866	28.113	ug/l	98
31) Cyclohexane	5.55	56	245158	29.809	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	275608	27.583	ug/l	98
36) 1,1-Dichloropropene	5.77	75	224221	26.001	ug/l	99
37) Ethyl Acetate	4.79	43	239649	26.872	ug/l	98
38) Carbon Tetrachloride	5.76	117	248713	24.634	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	247394	26.418	ug/l	98
40) Benzene	6.11	78	661250	26.682	ug/l	99
41) Methacrylonitrile	5.00	41	130368	27.230	ug/l	97
42) 1,2-Dichloroethane	6.17	62	246265	25.576	ug/l	99
43) Isopropyl Acetate	6.42	43	381834	26.795	ug/l	99
44) Trichloroethene	7.19	130	182099	24.056	ug/l	97
45) 1,2-Dichloropropane	7.49	63	175477	27.672	ug/l	98
46) Dibromomethane	7.63	93	119982	26.235	ug/l	96
47) Bromodichloromethane	7.87	83	250964	26.248	ug/l	99
48) Methyl methacrylate	7.74	41	192174	28.103	ug/l	99
49) 1,4-Dioxane	7.71	88	80687	576.578	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1217738	140.146	ug/l	99
52) Toluene	8.76	92	416869	26.212	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	270457	26.256	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	289931	26.390	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	176194	26.568	ug/l	99
56) Ethyl methacrylate	9.16	69	260487	27.667	ug/l	98
57) 1,3-Dichloropropane	9.35	76	288705	26.171	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	703609	147.181	ug/l	97
59) 2-Hexanone	9.47	43	921800	140.559	ug/l	97
60) Dibromochloromethane	9.57	129	206974	25.547	ug/l	99
61) 1,2-Dibromoethane	9.65	107	189737	26.300	ug/l	100
64) Tetrachloroethene	9.32	164	159322	19.597	ug/l	94
65) Chlorobenzene	10.12	112	466362	24.431	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	180651	23.770	ug/l	98
67) Ethyl Benzene	10.24	91	802906	25.266	ug/l	100
68) m/p-Xylenes	10.34	106	622331	51.471	ug/l	98
69) o-Xylene	10.68	106	294456	25.487	ug/l	100
70) Styrene	10.70	104	522143	26.328	ug/l	99
71) Bromoform	10.84	173	159999	24.948	ug/l #	99
73) Isopropylbenzene	11.00	105	796475	23.858	ug/l	99
74) N-amyl acetate	10.88	43	356727	26.703	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	266062	26.249	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	319678	32.485	ug/l	85
77) Bromobenzene	11.24	156	216205	22.738	ug/l	95
78) n-propylbenzene	11.34	91	928616	24.768	ug/l	100
79) 2-Chlorotoluene	11.40	91	555500	24.042	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	686530	24.226	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	94204	24.284	ug/l	98
82) 4-Chlorotoluene	11.49	91	669665	24.456	ug/l	100
83) tert-Butylbenzene	11.76	119	673707	24.593	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	702098	24.524	ug/l	100
85) sec-Butylbenzene	11.93	105	783253	24.422	ug/l	100
86) p-Isopropyltoluene	12.05	119	741493	24.434	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	387875	22.803	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	394480	22.955	ug/l	99
89) n-Butylbenzene	12.37	91	639091	24.694	ug/l	99
90) Hexachloroethane	12.58	117	142117	24.668	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	374747	23.445	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59740	22.336	ug/l	95

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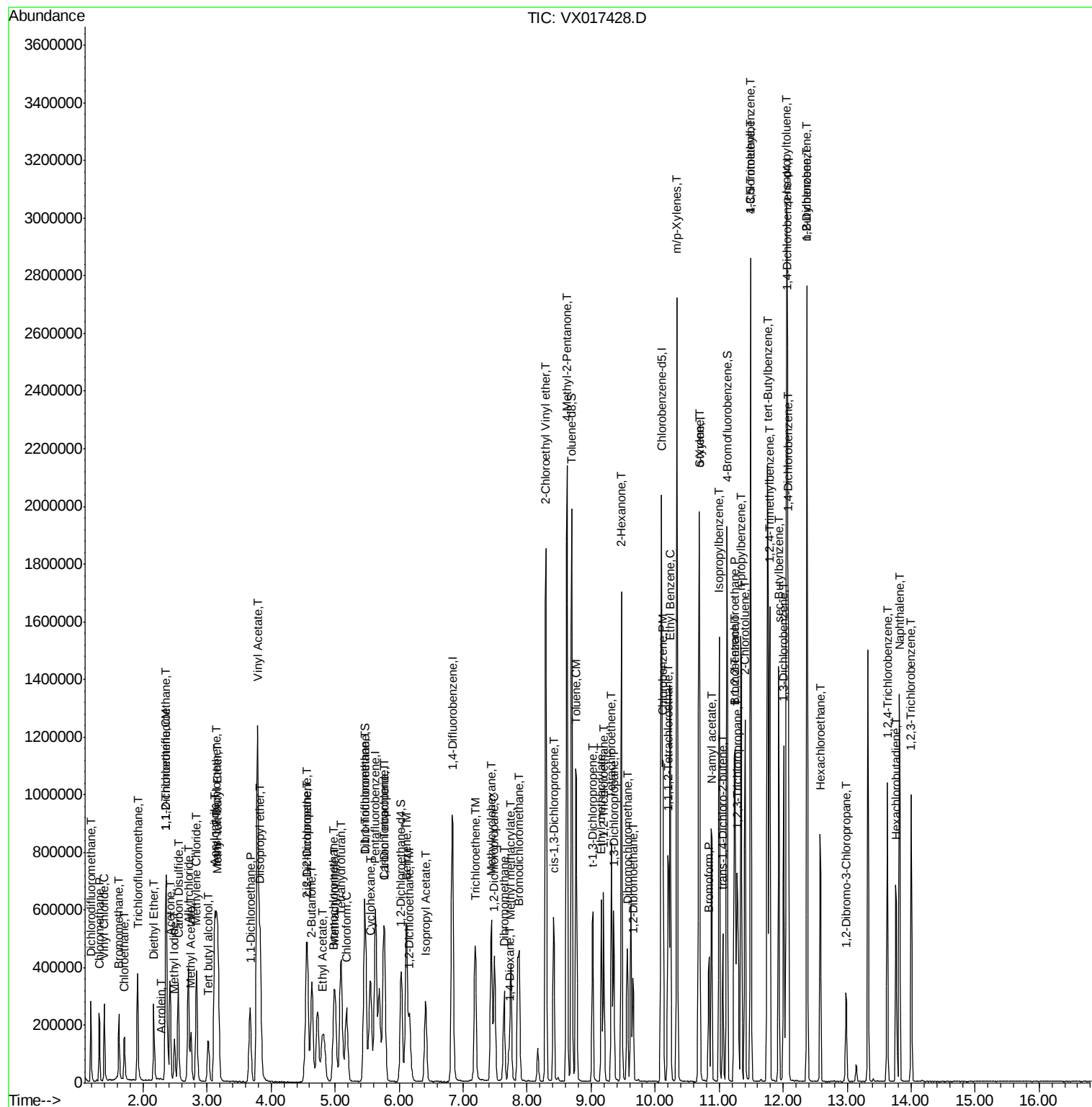
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	244882	22.070	ug/l	98
94) Hexachlorobutadiene	13.76	225	101597	22.452	ug/l	97
95) Naphthalene	13.82	128	795619	24.387	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	241942	22.573	ug/l	99

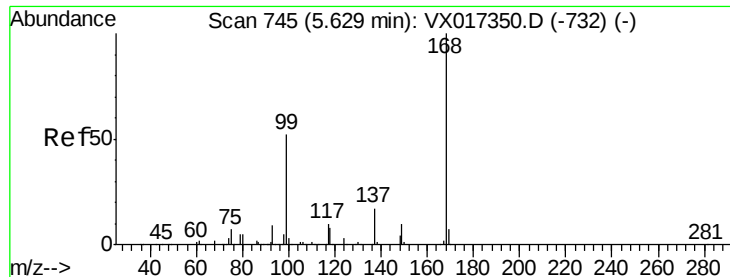
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071720\
 Data File : VX017428.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

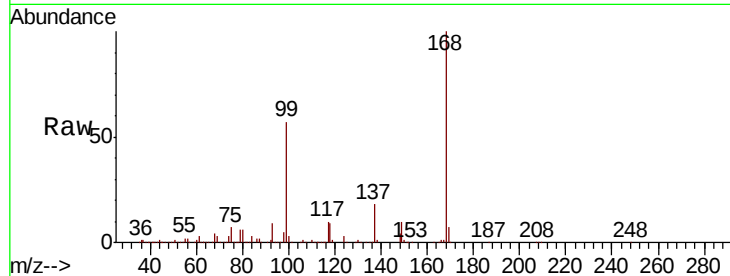
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 569109

Ion Ratio Lower Upper

168 100

99 57.3 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

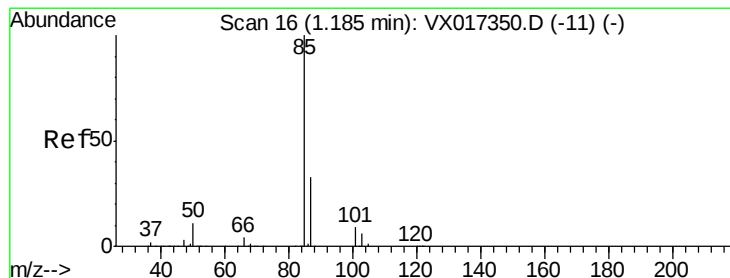
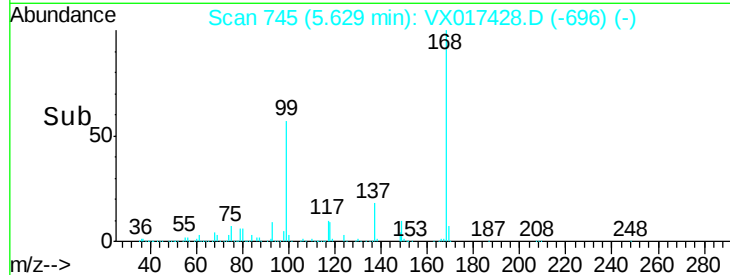
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 29.276 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017428.D

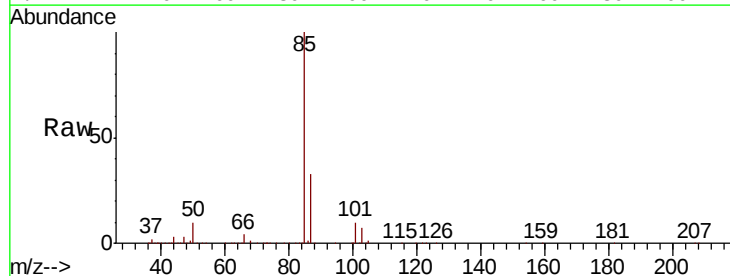
Acq: 17 Jul 2020 18:27

Tgt Ion: 85 Resp: 140985

Ion Ratio Lower Upper

85 100

87 33.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

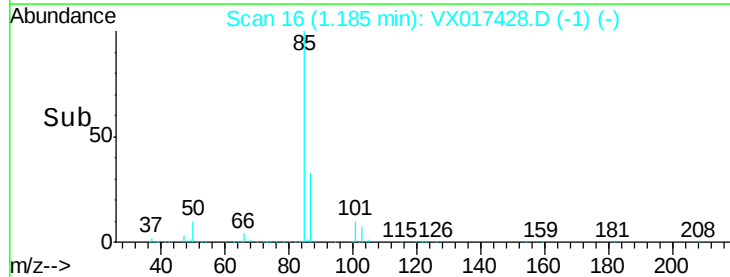
150000

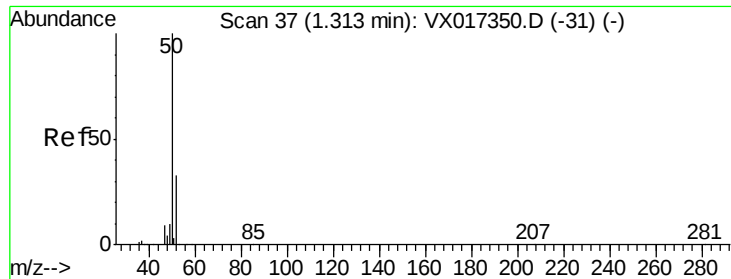
100000

50000

0

Time-->





#3

Chloromethane

Concen: 27.159 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

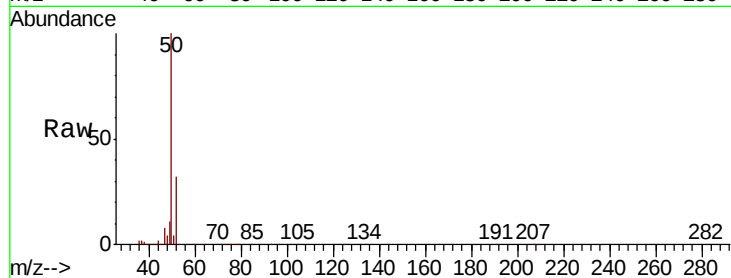
ClientSampleId :

Tot Ion: 50 Resp: 147244

Ion Ratio Lower Upper

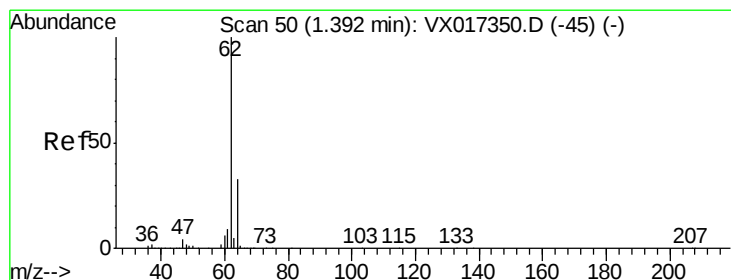
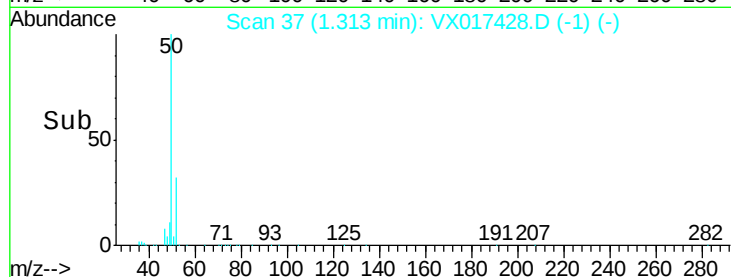
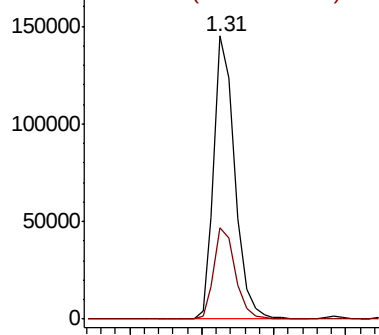
50 100

52 32.2 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 28.623 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017428.D

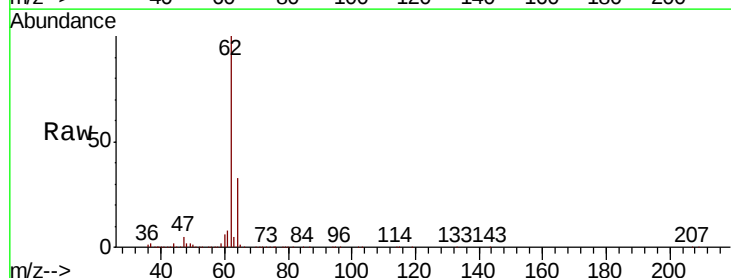
Acq: 17 Jul 2020 18:27

Tgt Ion: 62 Resp: 153514

Ion Ratio Lower Upper

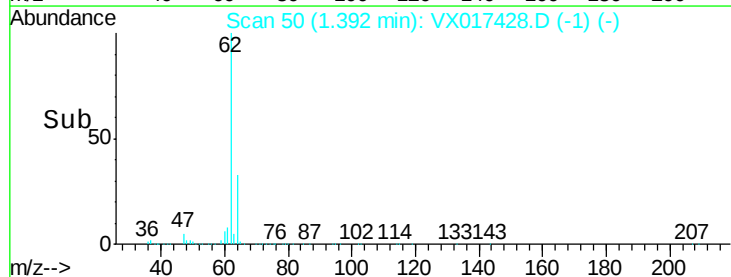
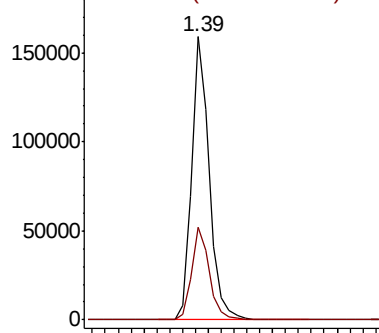
62 100

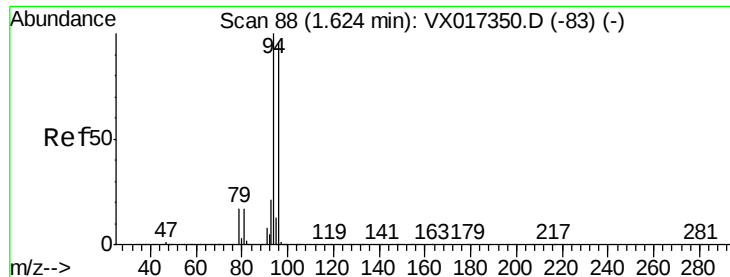
64 32.8 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.231 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

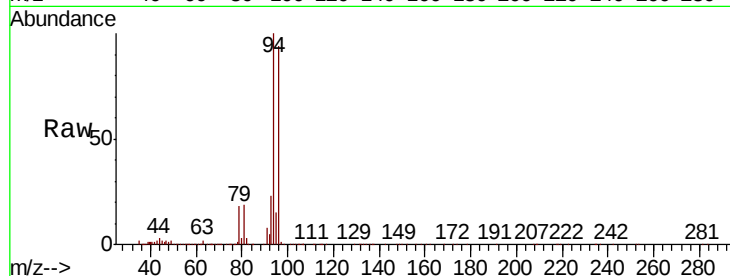
ClientSampleId :

Tot Ion: 94 Resp: 74127

Ion Ratio Lower Upper

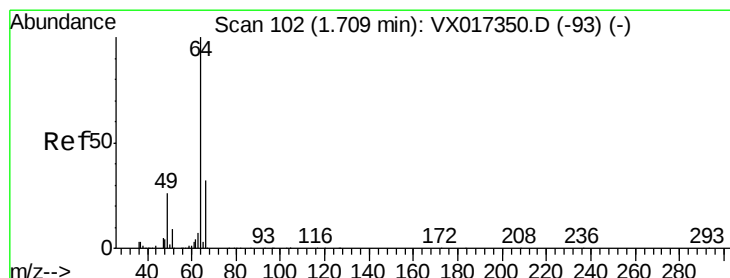
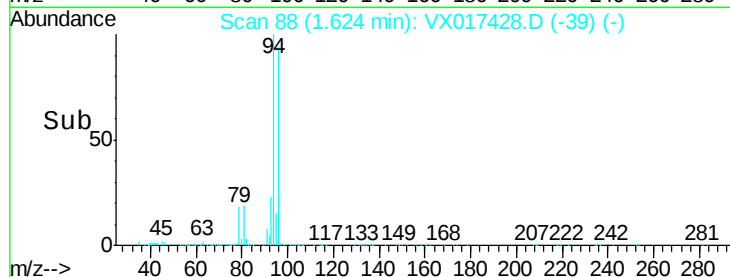
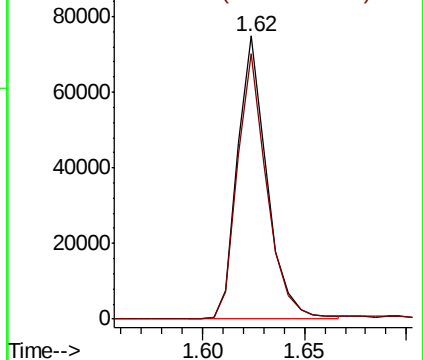
94 100

96 94.0 76.6 115.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 28.208 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017428.D

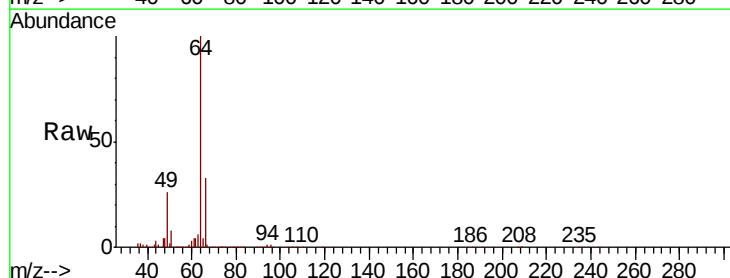
Acq: 17 Jul 2020 18:27

Tgt Ion: 64 Resp: 95495

Ion Ratio Lower Upper

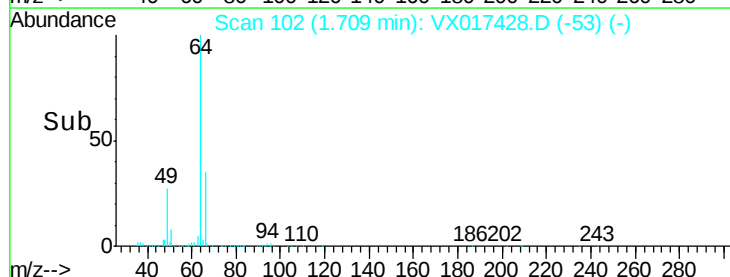
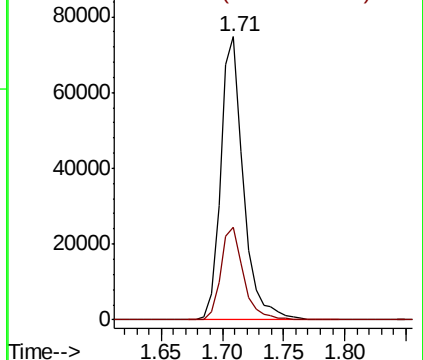
64 100

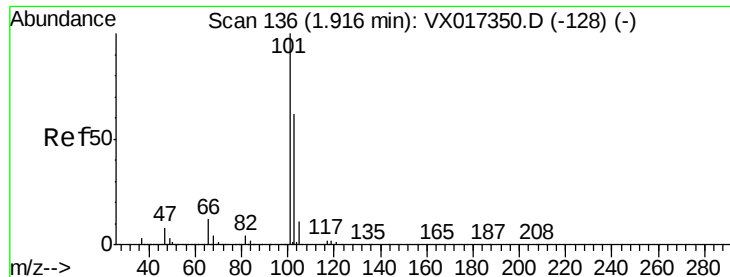
66 32.9 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



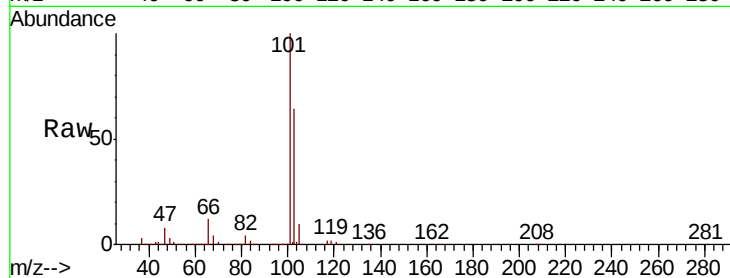


#7

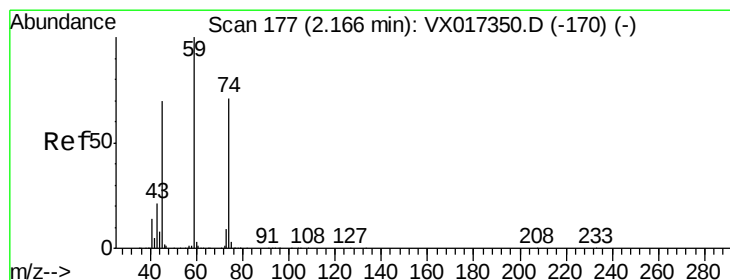
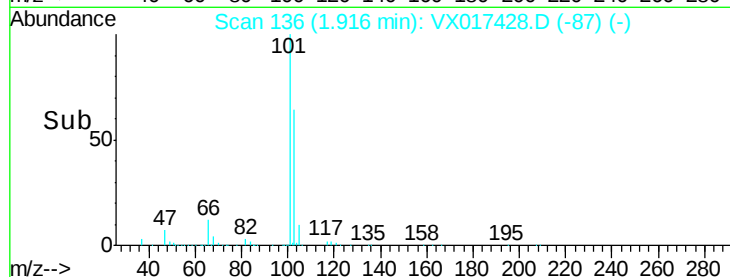
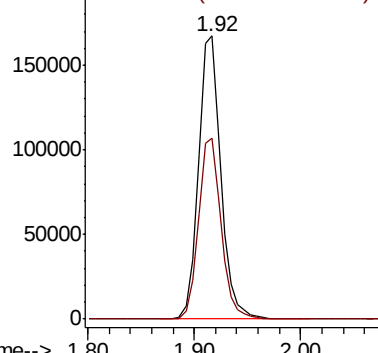
Trichlorofluoromethane
Concen: 27.216 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 246374
Ion Ratio Lower Upper
101 100
103 64.1 49.6 74.4



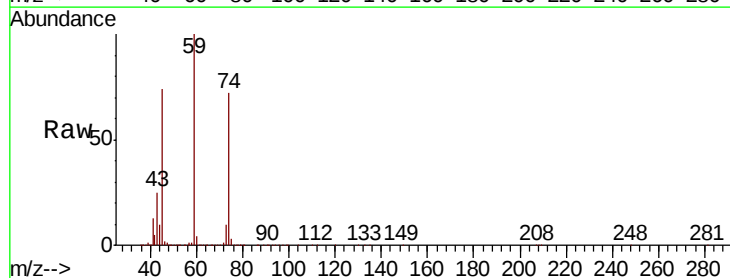
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



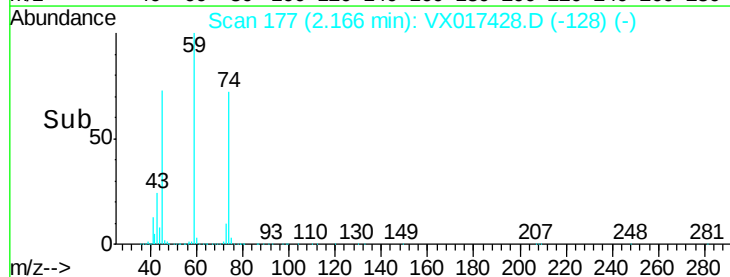
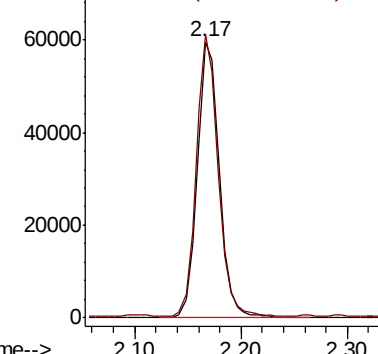
#8

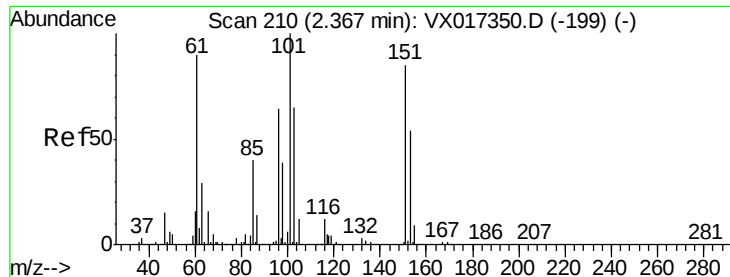
Diethyl Ether
Concen: 27.025 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion: 74 Resp: 86478
Ion Ratio Lower Upper
74 100
45 100.0 47.2 141.6



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 29.290 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

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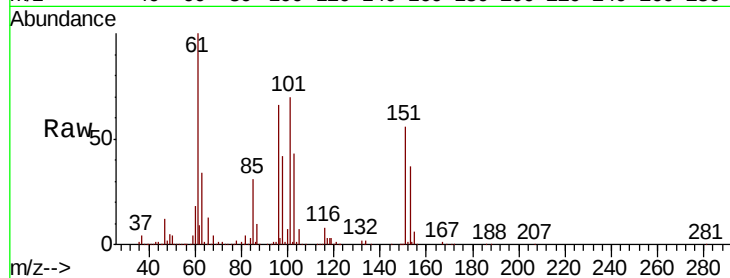
Tot Ion:101 Resp: 151039

Ion Ratio Lower Upper

101 100

85 42.8 33.7 50.5

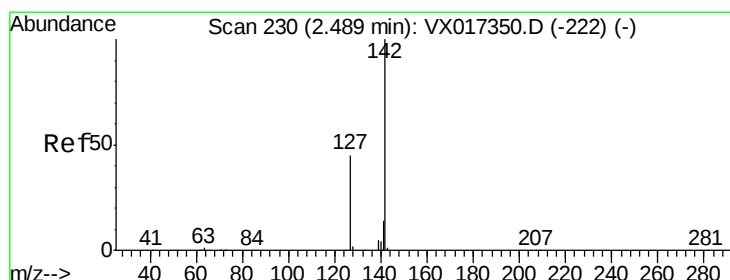
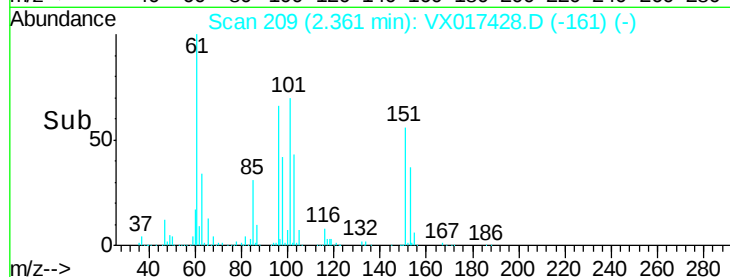
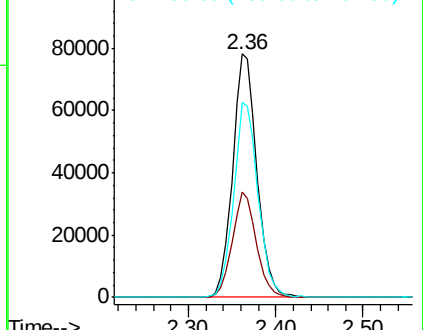
151 80.8 66.4 99.6



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: 23.062 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

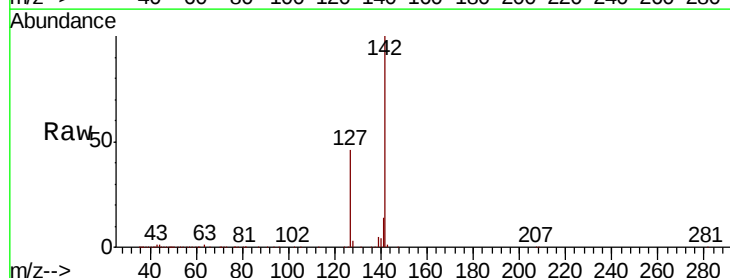
Tgt Ion:142 Resp: 148440

Ion Ratio Lower Upper

142 100

127 44.5 36.8 55.2

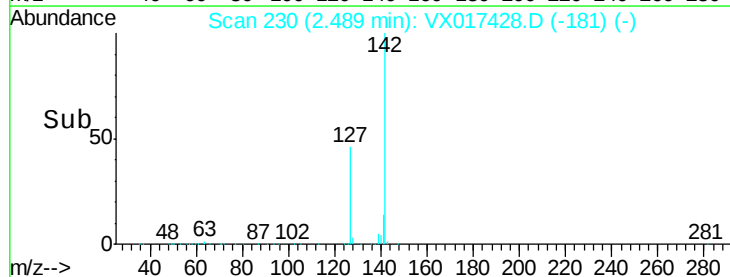
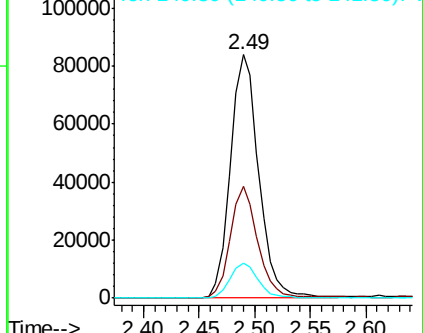
141 14.2 11.4 17.0

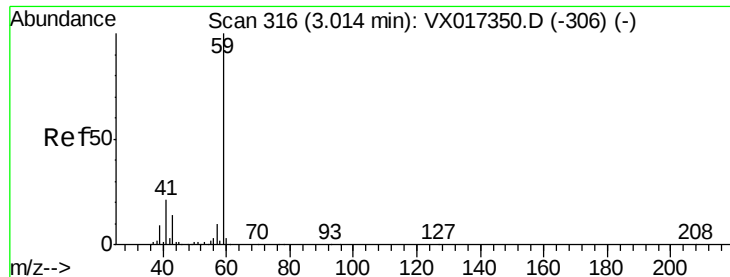


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



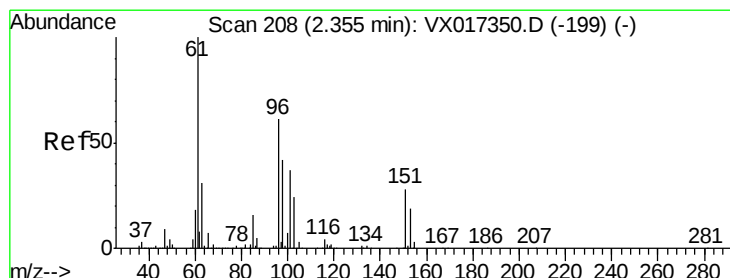
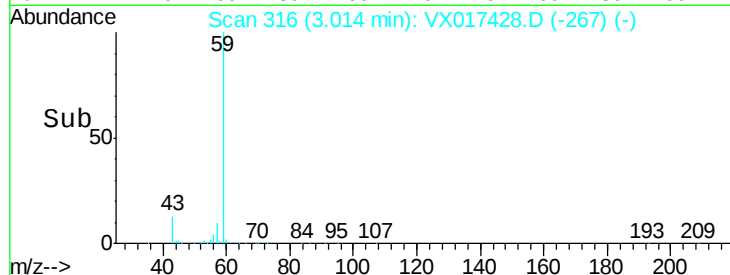
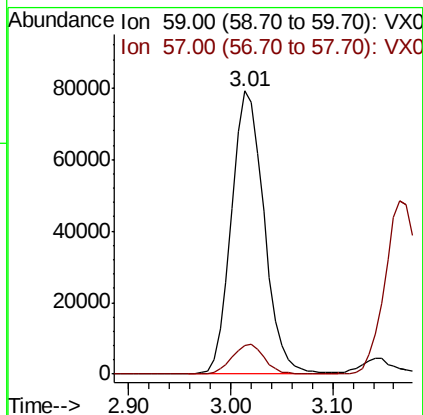
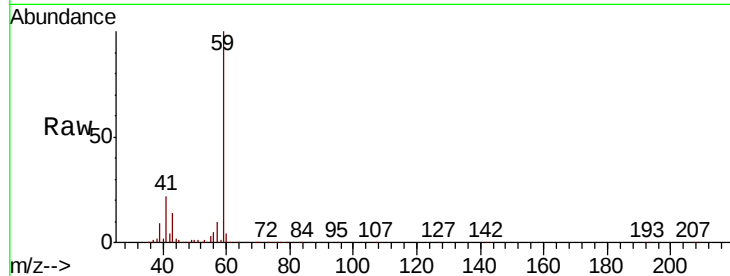


#11

Tert butyl alcohol
 Concen: 146.536 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Instrument :
 MSVOA_X
 ClientSampleId :

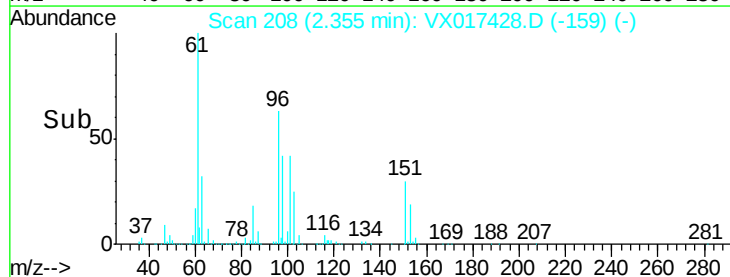
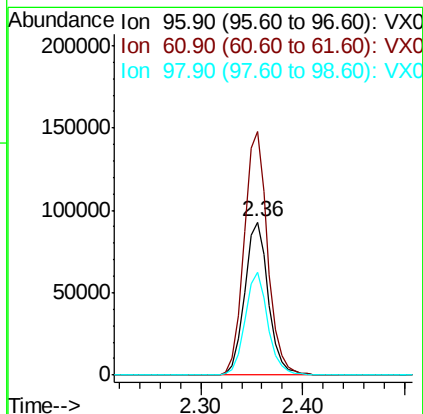
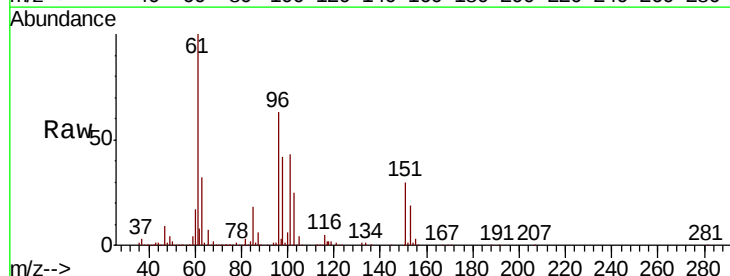
Tot Ion: 59 Resp: 176346
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.3 12.5

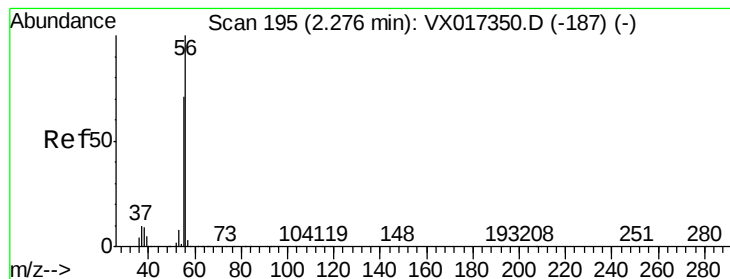


#12

1,1-Dichloroethene
 Concen: 28.748 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Tgt Ion: 96 Resp: 148887
 Ion Ratio Lower Upper
 96 100
 61 159.0 131.5 197.3
 98 67.0 55.1 82.7





#13

Acrolein

Concen: 6.549 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

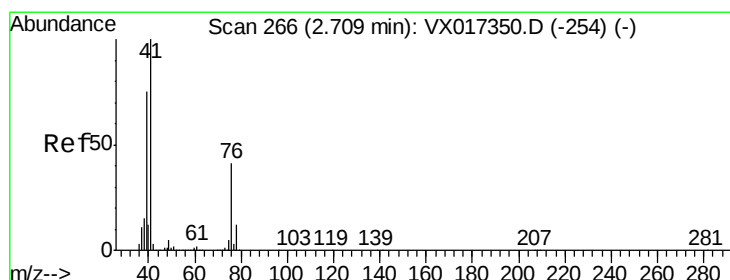
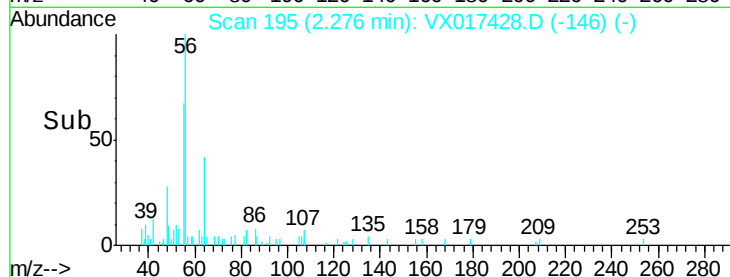
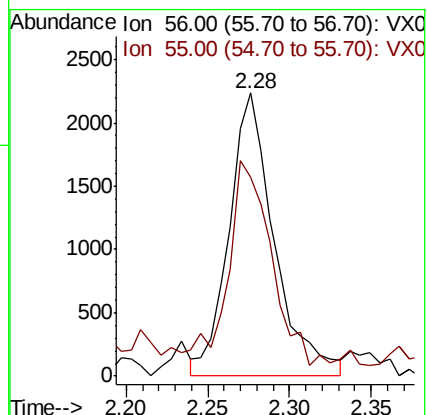
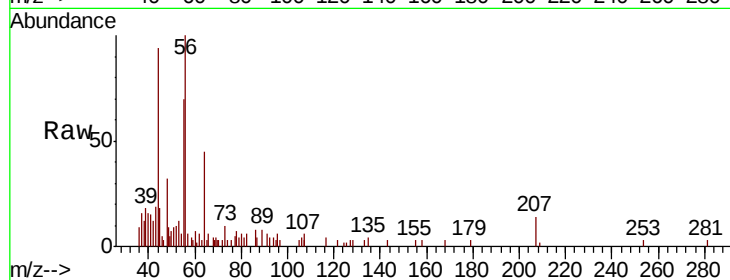
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 4320

Ion Ratio Lower Upper

56 100

55 75.8 57.1 85.7



#14

Allyl chloride

Concen: 30.159 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

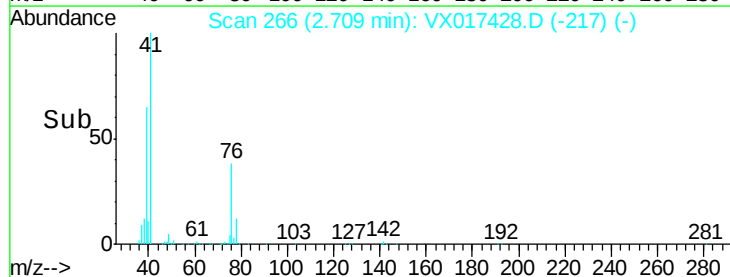
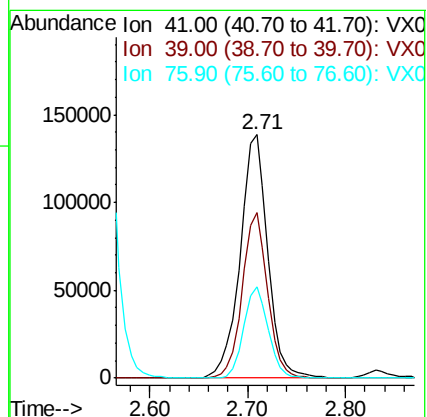
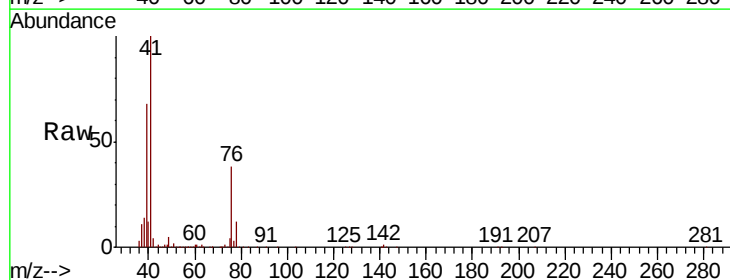
Tgt Ion: 41 Resp: 270646

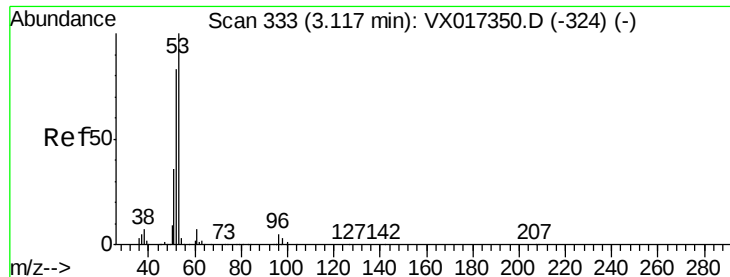
Ion Ratio Lower Upper

41 100

39 62.9 53.0 79.4

76 33.5 28.2 42.2





#15

Acrylonitrile

Concen: 150.870 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

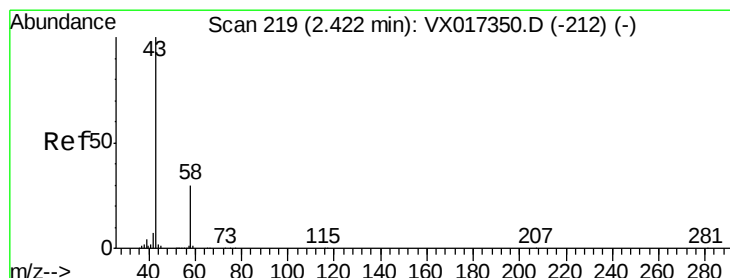
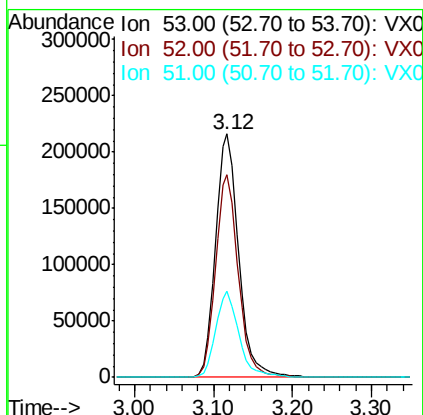
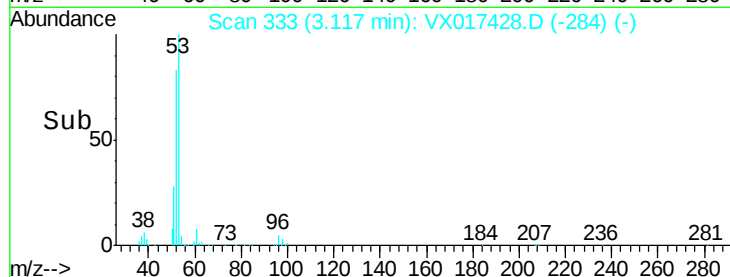
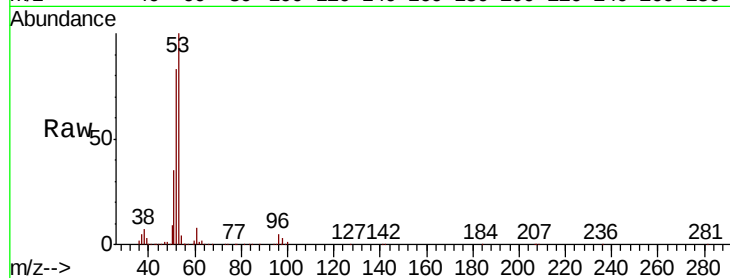
Tot Ion: 53 Resp: 440136

Ion Ratio Lower Upper

53 100

52 81.6 65.8 98.6

51 35.4 29.2 43.8



#16

Acetone

Concen: 145.270 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017428.D

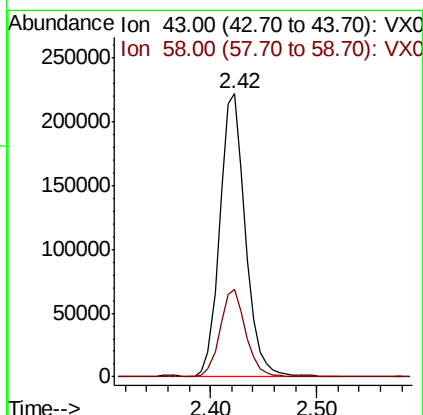
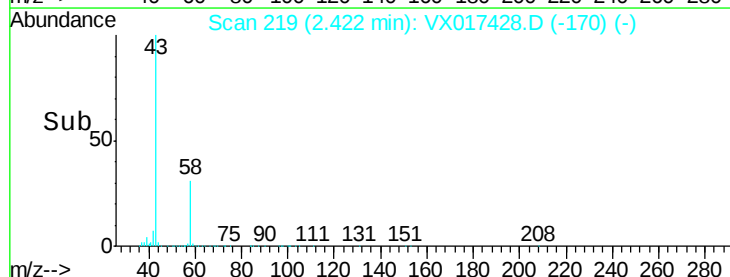
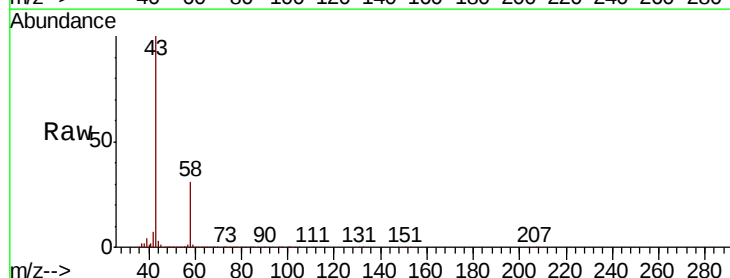
Acq: 17 Jul 2020 18:27

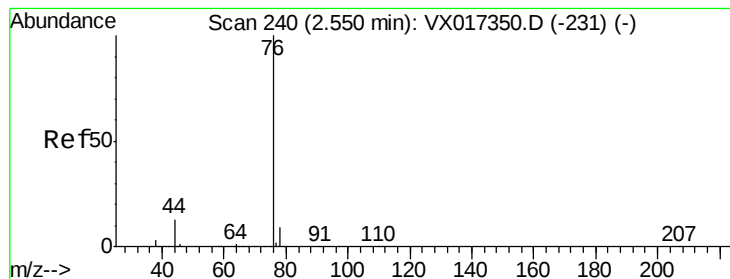
Tgt Ion: 43 Resp: 370183

Ion Ratio Lower Upper

43 100

58 31.0 24.2 36.2





#17

Carbon Disulfide

Concen: 28.464 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

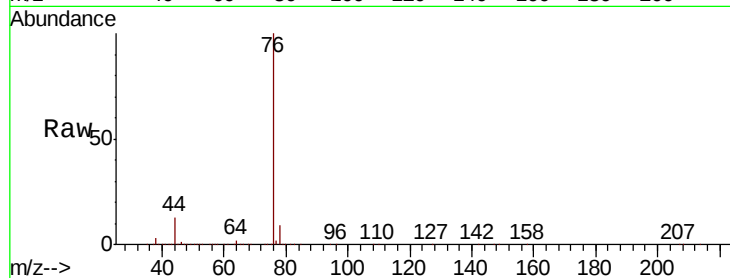
ClientSampled :

Tot Ion: 76 Resp: 430043

Ion Ratio Lower Upper

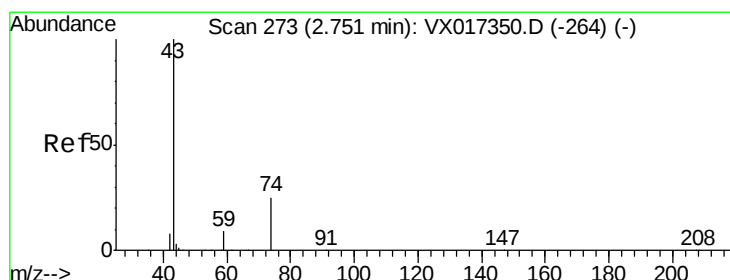
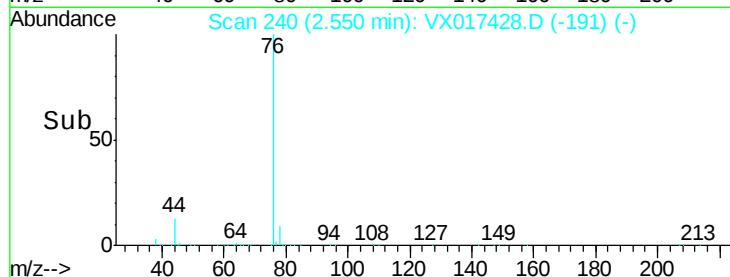
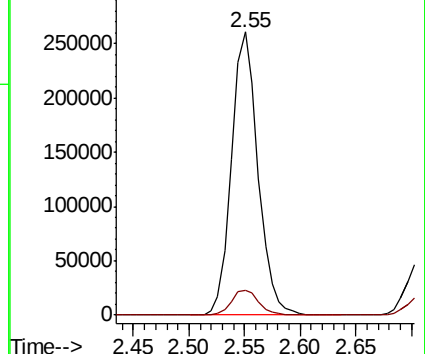
76 100

78 8.8 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: 31.428 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017428.D

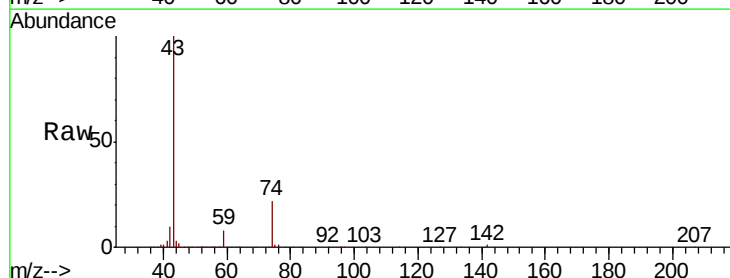
Acq: 17 Jul 2020 18:27

Tgt Ion: 43 Resp: 197804

Ion Ratio Lower Upper

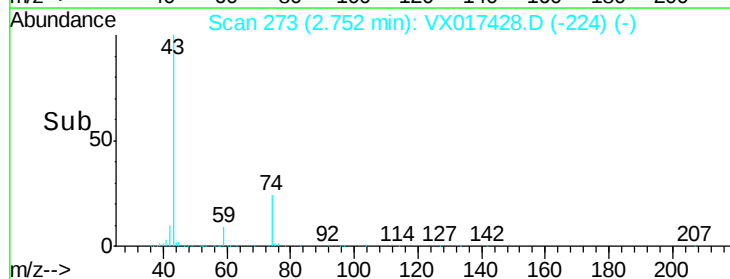
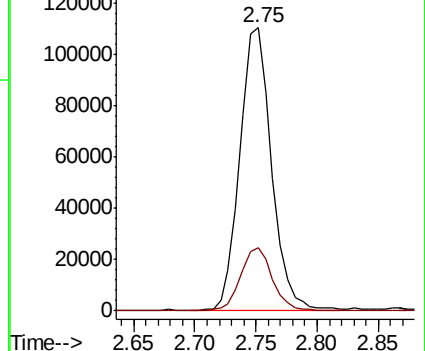
43 100

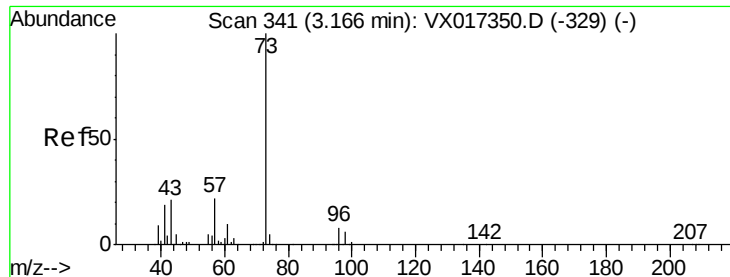
74 22.8 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



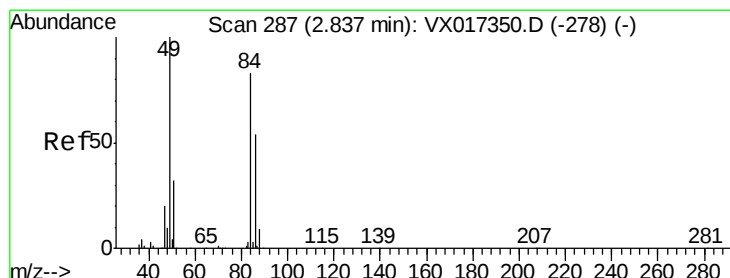
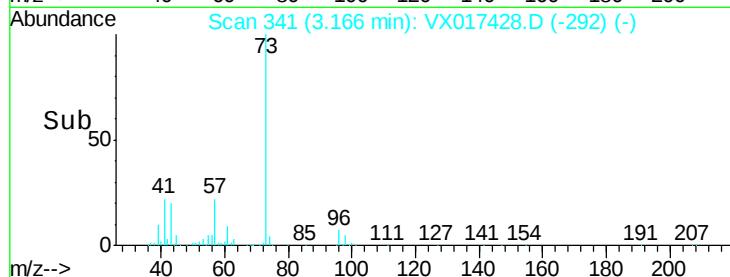
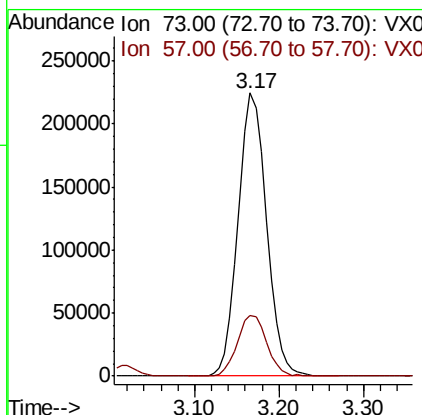
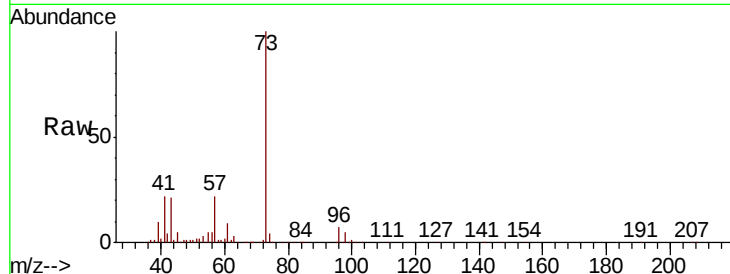


#19

Methyl tert-butyl Ether
 Concen: 29.062 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Instrument :
 MSVOA_X
 ClientSampled :

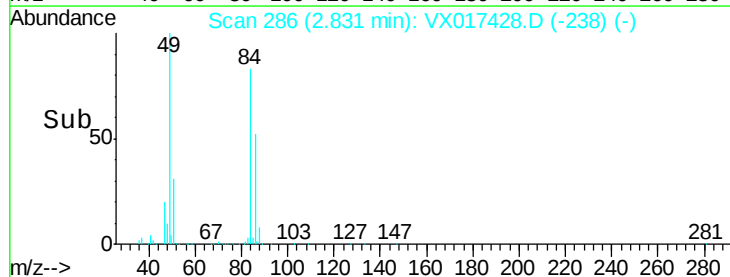
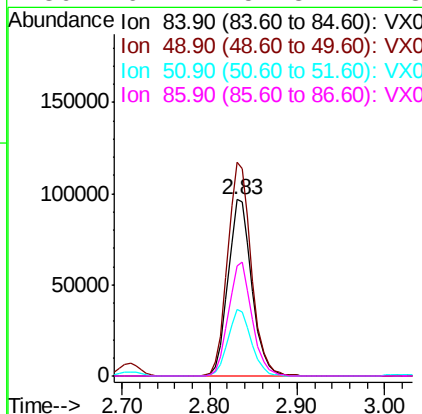
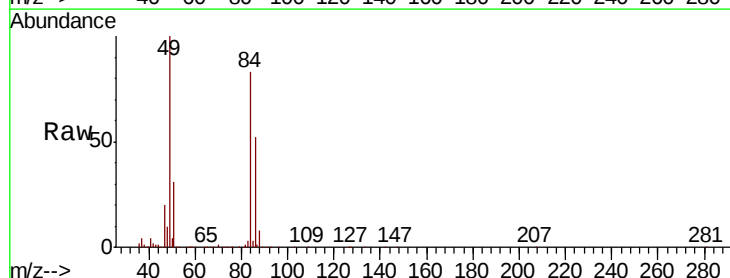
Tot Ion: 73 Resp: 511077
 Ion Ratio Lower Upper
 73 100
 57 21.5 17.5 26.3

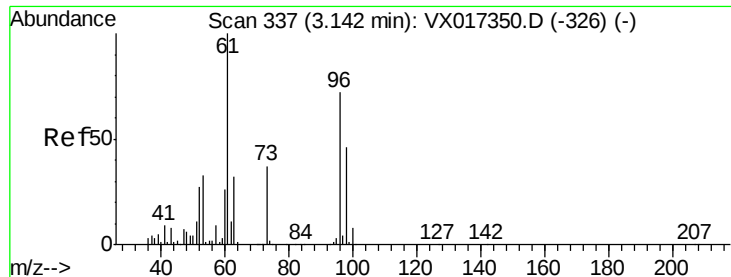


#20

Methylene Chloride
 Concen: 29.368 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Tgt Ion: 84 Resp: 182593
 Ion Ratio Lower Upper
 84 100
 49 120.9 95.8 143.8
 51 37.6 31.0 46.4
 86 62.7 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 28.353 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

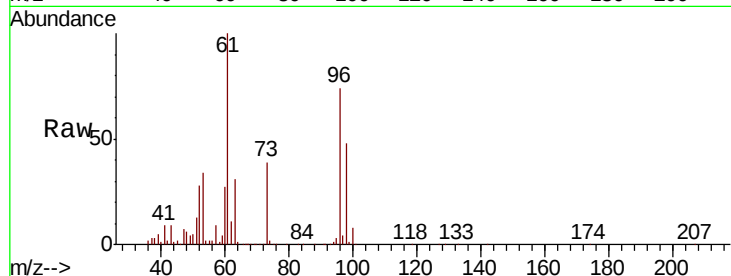
Tot Ion: 96 Resp: 168008

Ion Ratio Lower Upper

96 100

61 134.7 111.1 166.7

98 64.8 51.4 77.0

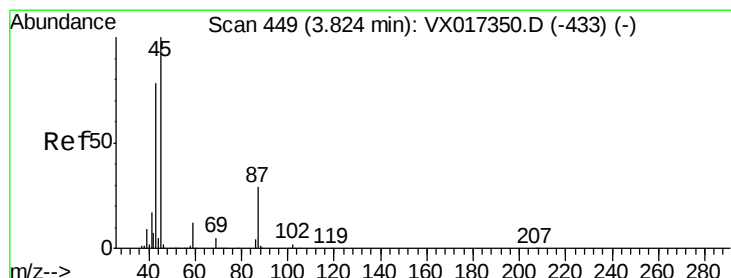
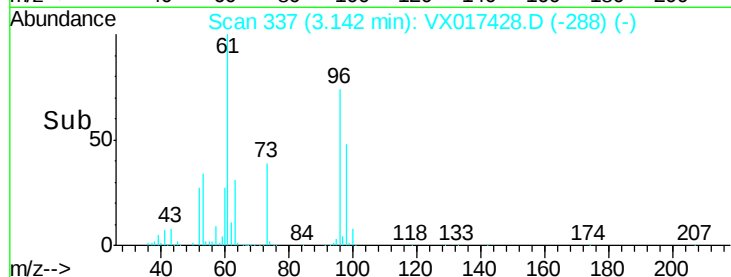
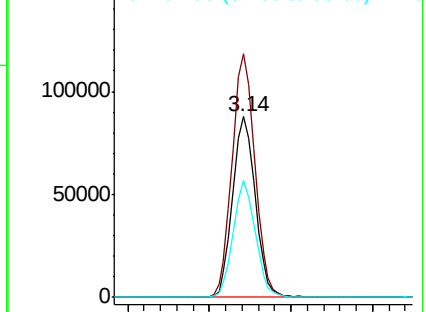


Abundance

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: 31.065 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Tgt Ion: 45 Resp: 531032

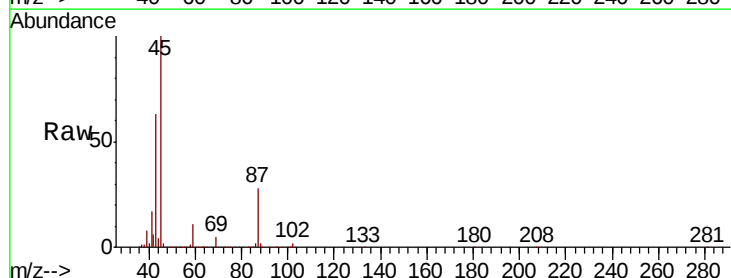
Ion Ratio Lower Upper

45 100

43 62.6 62.2 93.2

87 27.8 23.0 34.6

59 11.2 9.6 14.4



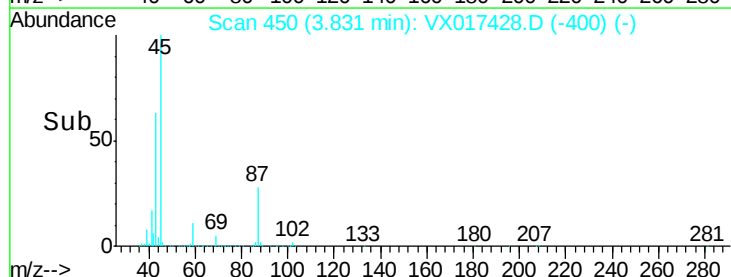
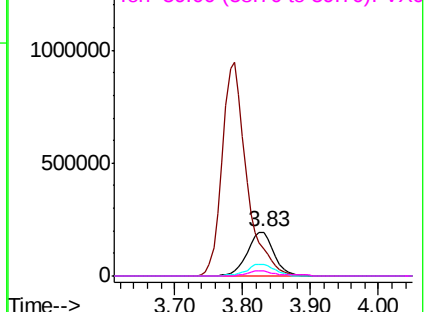
Abundance

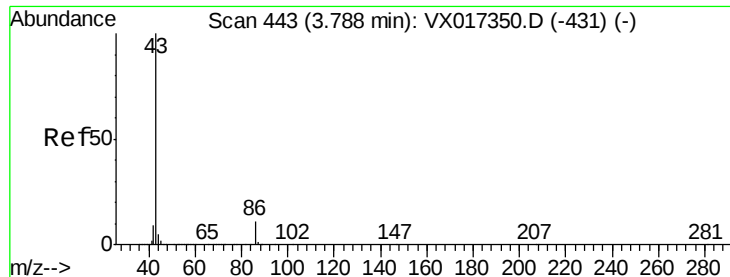
Ion 45.00 (44.70 to 45.70): VX0

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: 157.409 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

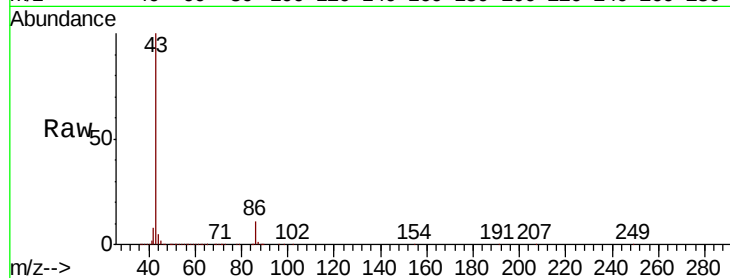
ClientSampleId :

Tot Ion: 43 Resp: 2366461

Ion Ratio Lower Upper

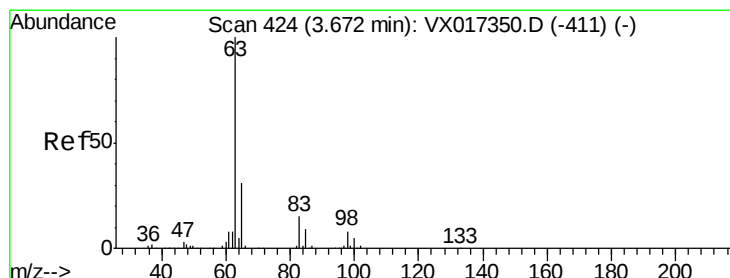
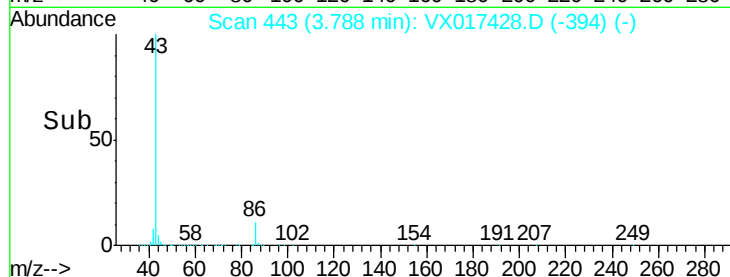
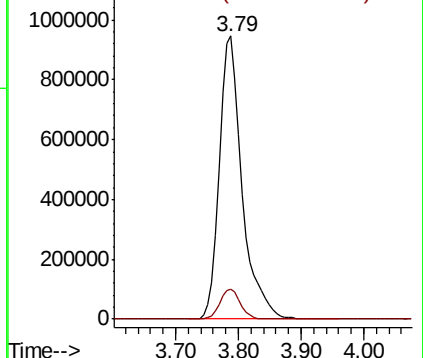
43 100

86 10.7 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 29.594 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

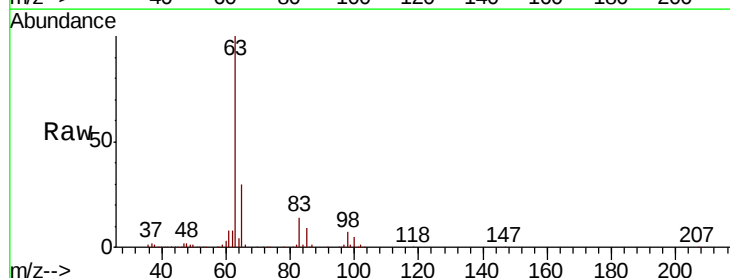
Tgt Ion: 63 Resp: 297310

Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

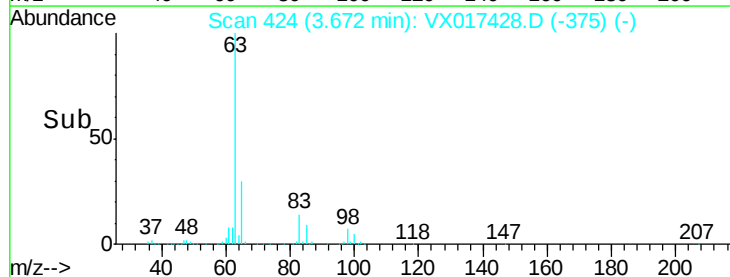
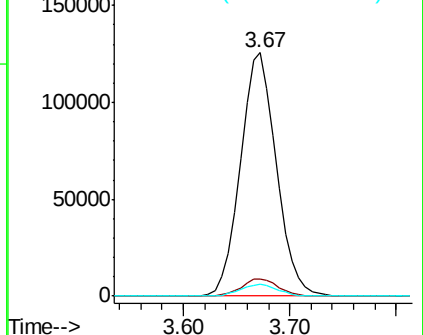
100 4.9 2.5 7.5

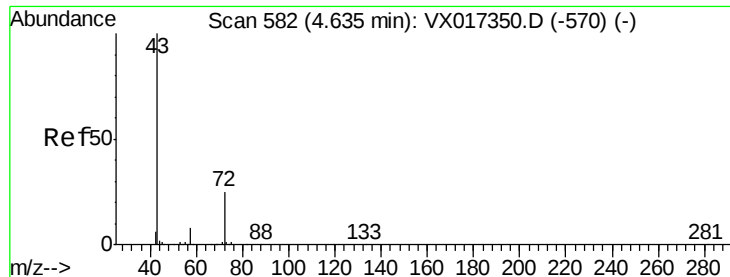


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

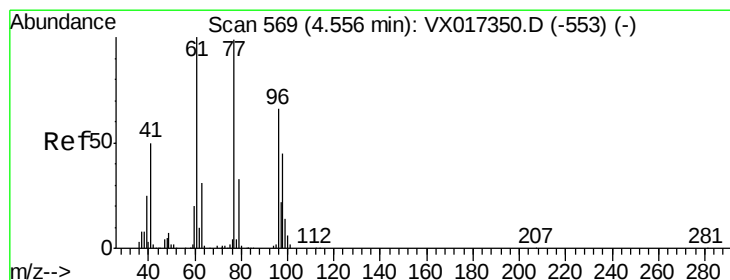
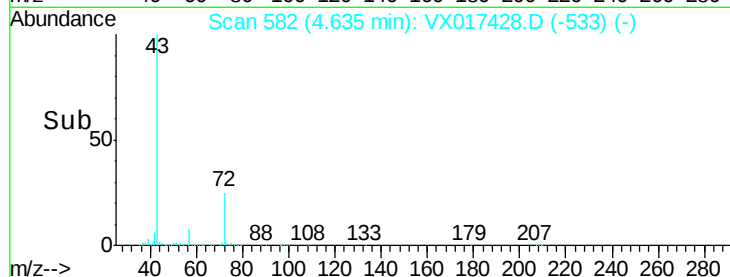
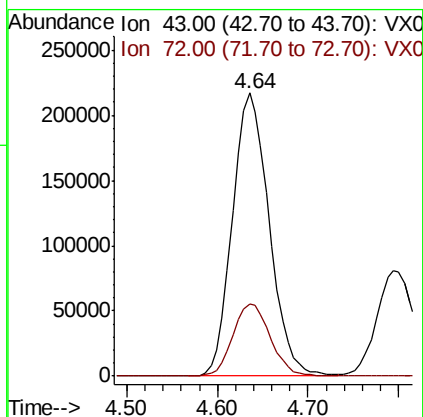
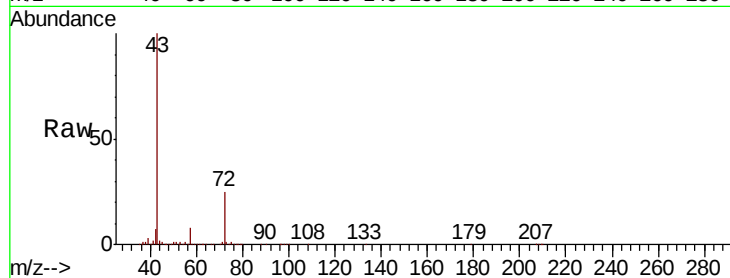




#25
2-Butanone
Concen: 149.874 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

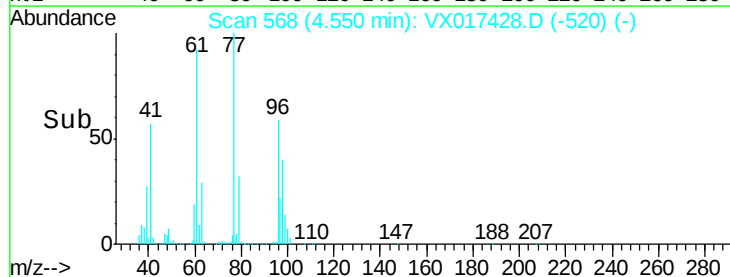
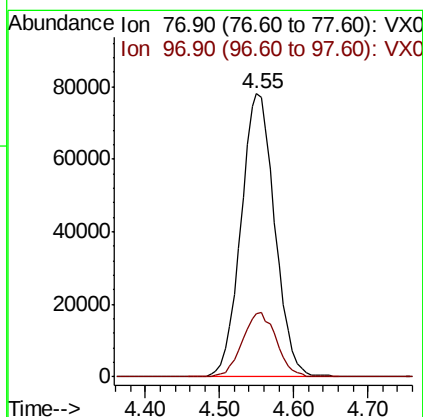
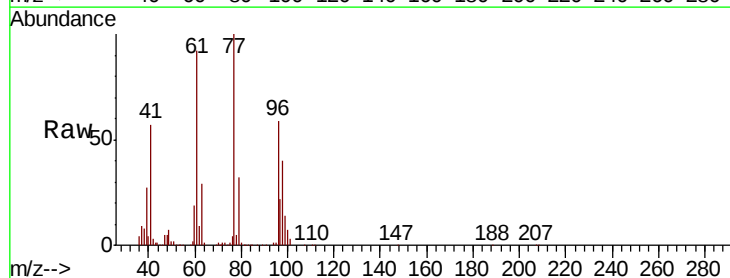
Instrument :
MSVOA_X
ClientSampleId :

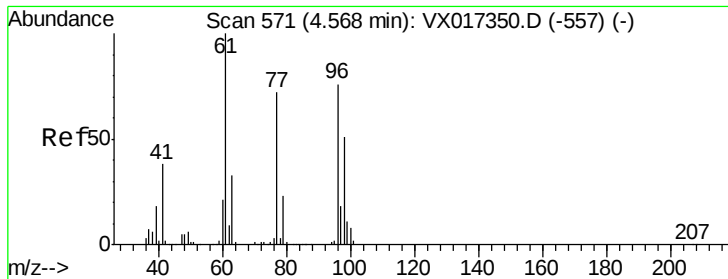
Tot Ion: 43 Resp: 606595
Ion Ratio Lower Upper
43 100
72 25.2 20.4 30.6



#26
2,2-Dichloropropane
Concen: 26.544 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.01 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion: 77 Resp: 248182
Ion Ratio Lower Upper
77 100
97 23.0 11.1 33.3



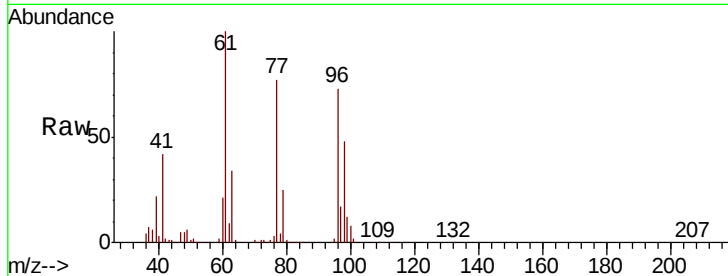


#27

cis-1,2-Dichloroethene
Concen: 28.054 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	96	Resp	182294
Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	281.2
98	64.6	0.0	131.4

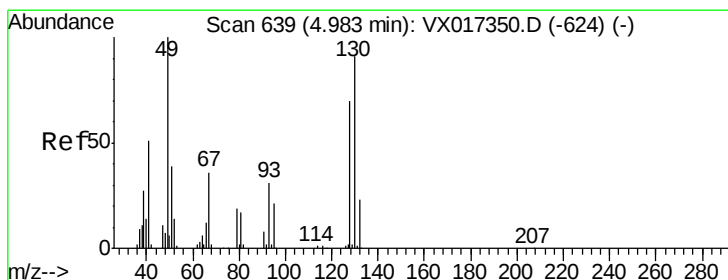
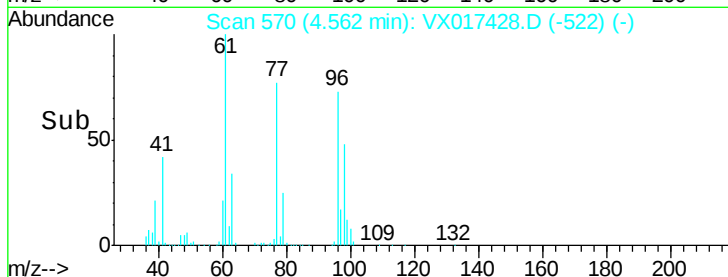
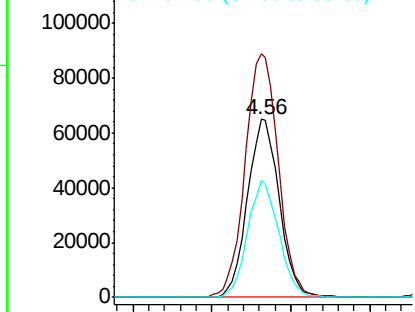


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

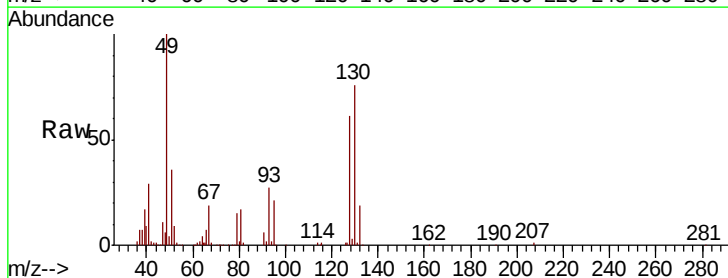
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 31.708 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion	49	Resp	147153
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.8
130	82.7	71.1	106.7

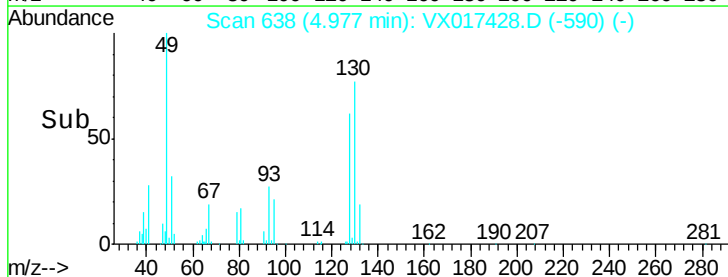
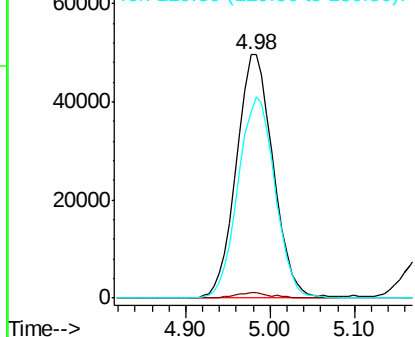


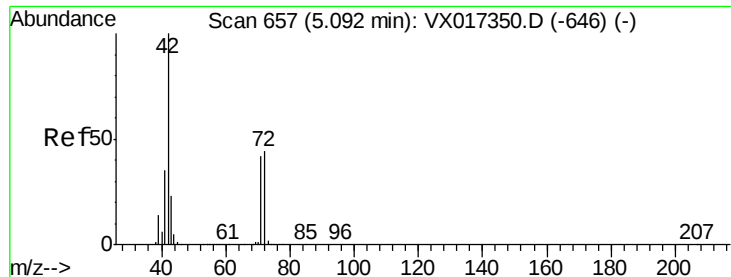
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 151.709 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

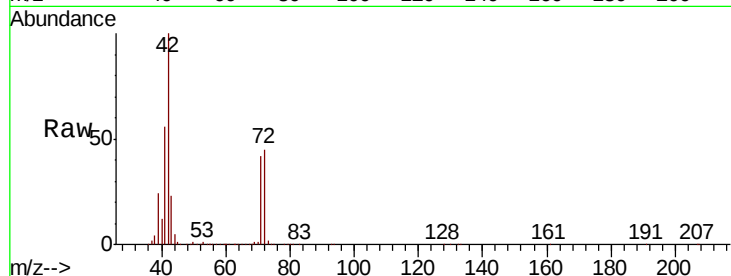
Tot Ion: 42 Resp: 397467

Ion Ratio Lower Upper

42 100

72 44.2 37.2 55.8

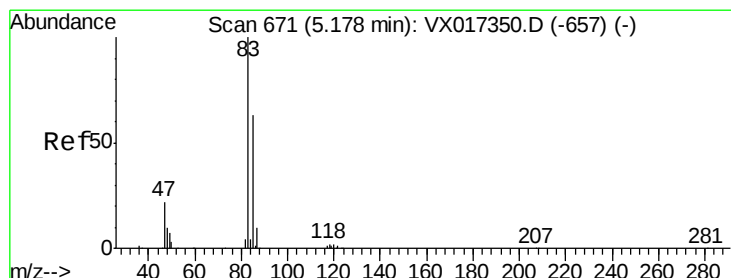
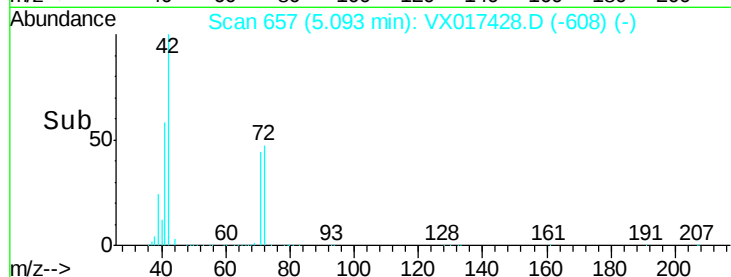
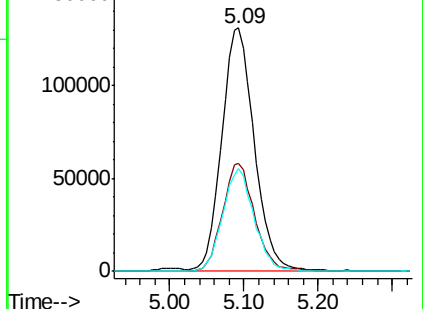
71 40.9 34.4 51.6



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: 28.113 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX017428.D

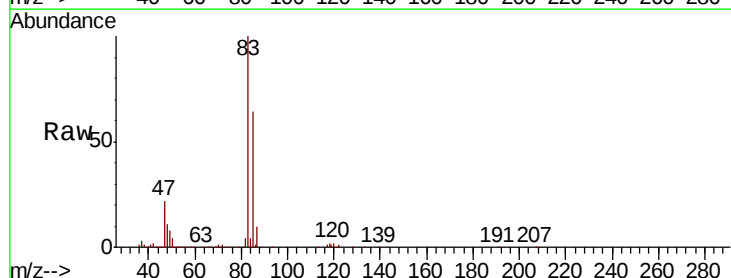
Acq: 17 Jul 2020 18:27

Tgt Ion: 83 Resp: 303866

Ion Ratio Lower Upper

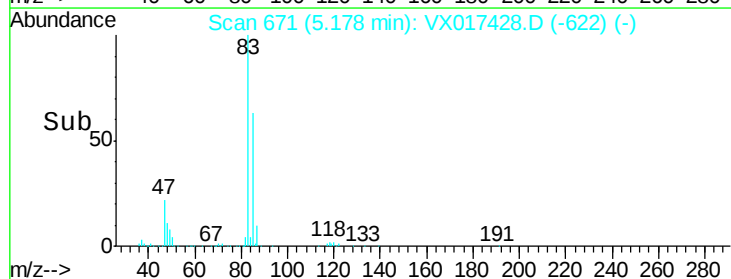
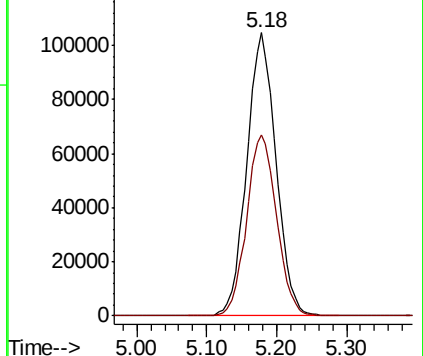
83 100

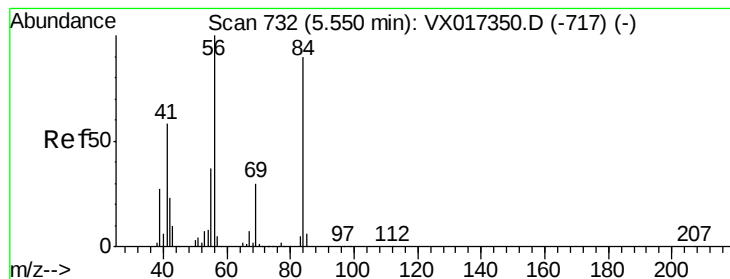
85 64.0 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 29.809 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

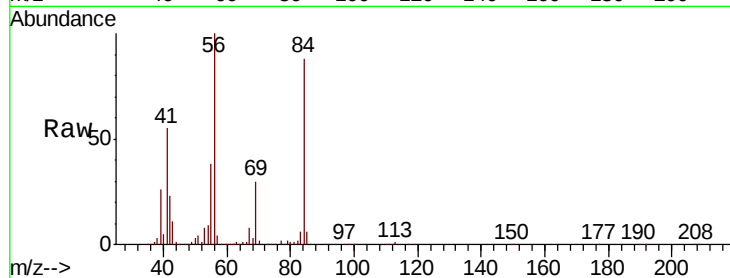
Tot Ion: 56 Resp: 245158

Ion Ratio Lower Upper

56 100

69 29.8 23.7 35.5

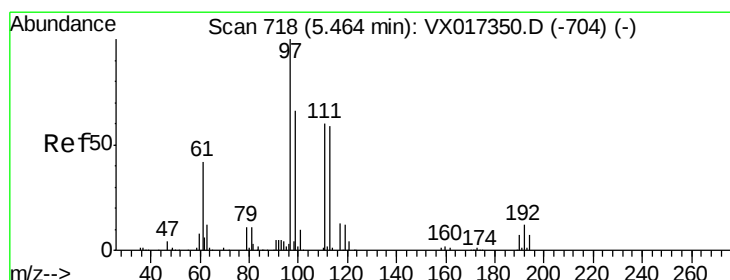
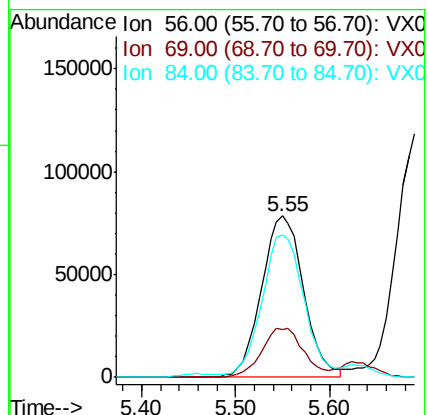
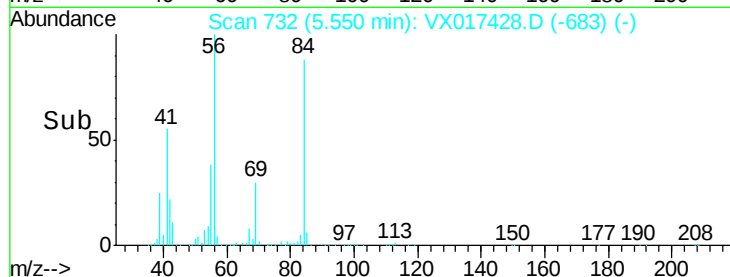
84 86.8 71.8 107.6



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: 27.583 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

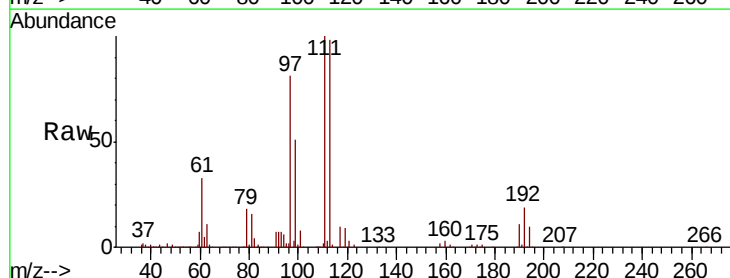
Tgt Ion: 97 Resp: 275608

Ion Ratio Lower Upper

97 100

99 65.2 51.2 76.8

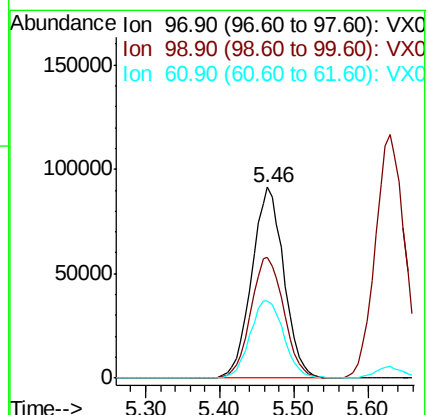
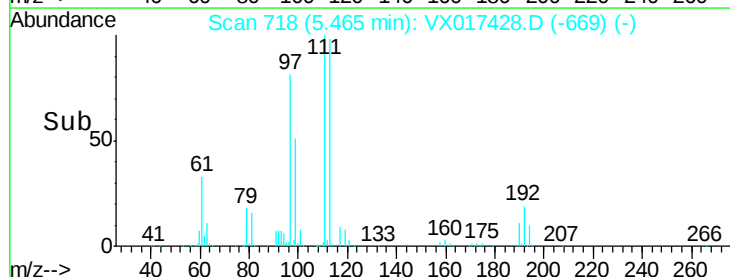
61 42.7 32.7 49.1

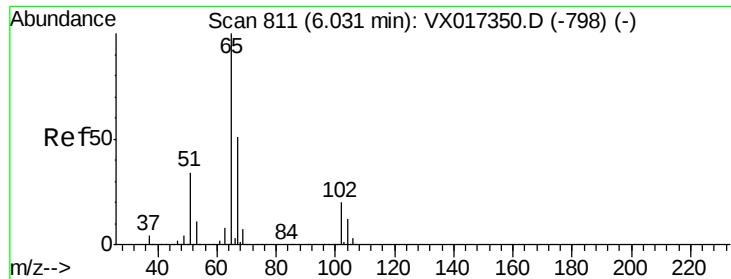


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.015 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

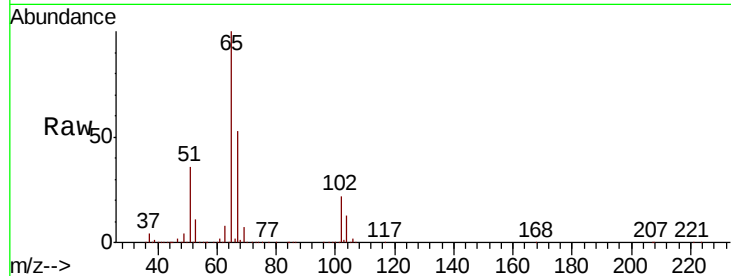
ClientSampleId :

Tot Ion: 65 Resp: 364387

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

150000

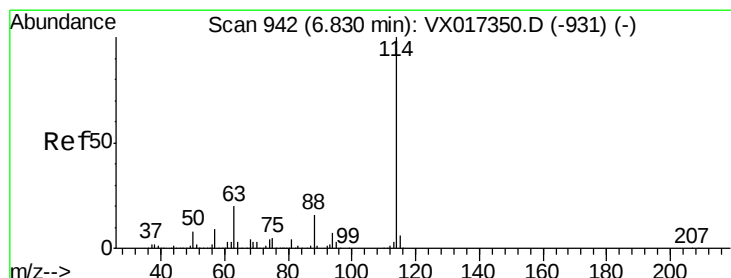
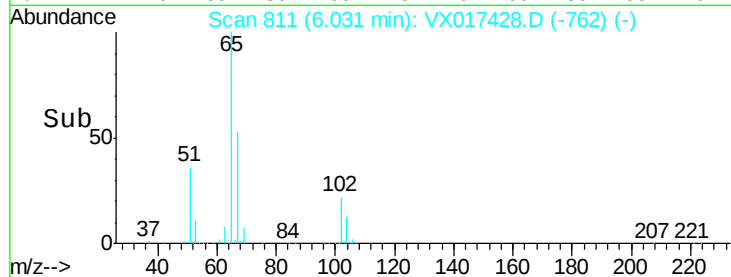
100000

50000

0

5.90 6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

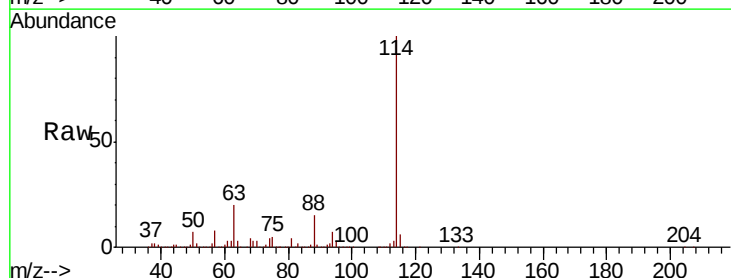
Tgt Ion: 114 Resp: 937514

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

88 15.2 0.0 32.8



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

500000

400000

300000

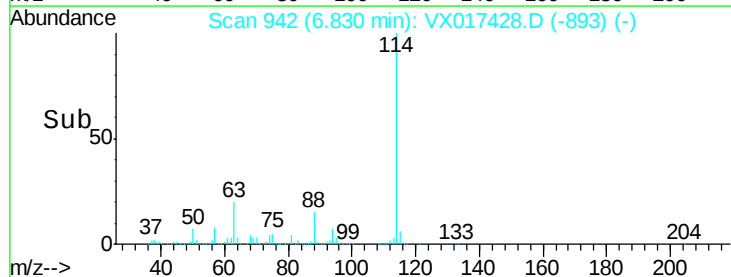
200000

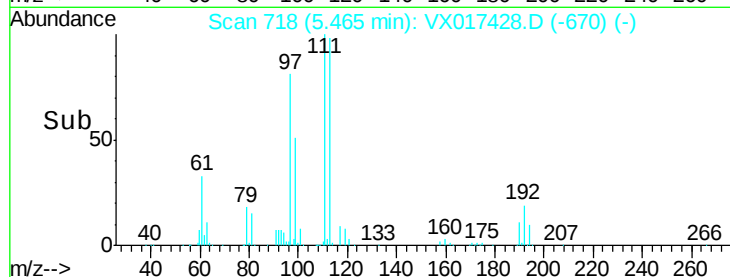
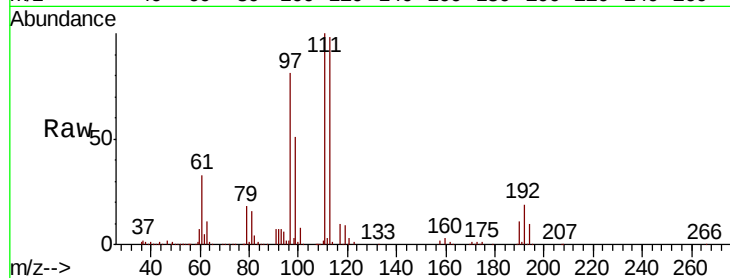
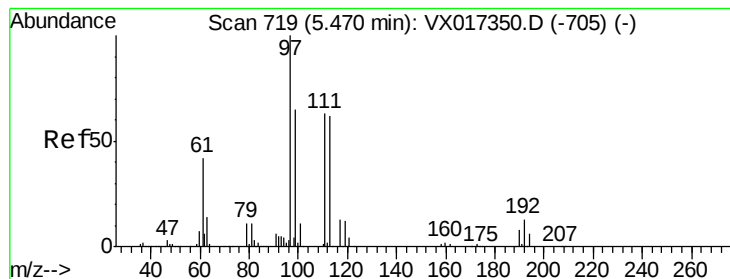
100000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 49.865 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

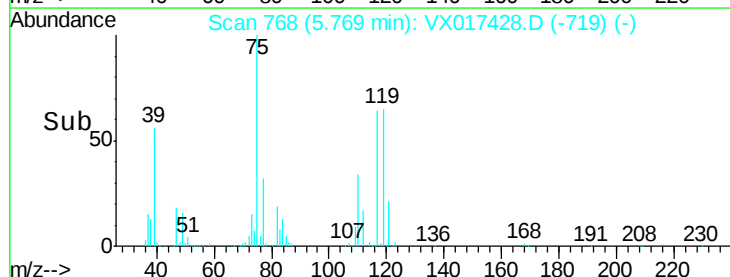
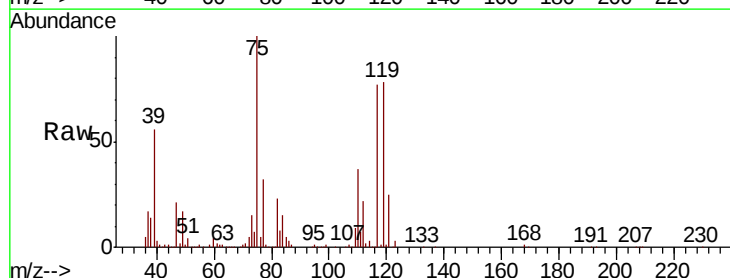
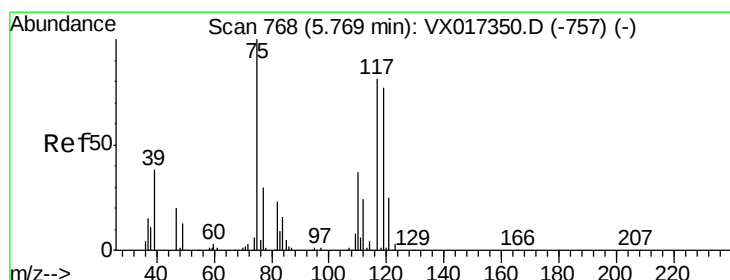
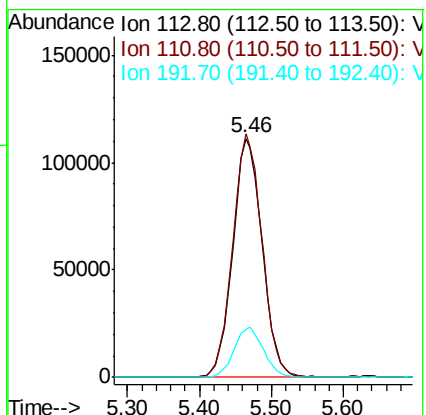
Tot Ion:113 Resp: 314910

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

192 20.8 17.2 25.8



#36

1,1-Dichloropropene

Concen: 26.001 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

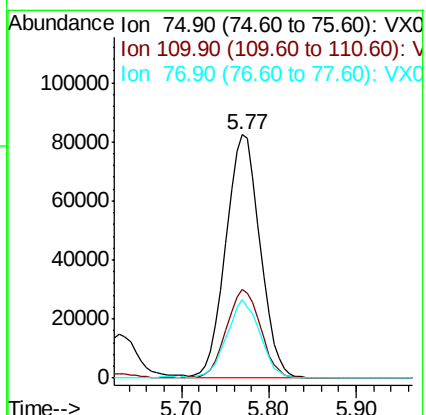
Tgt Ion: 75 Resp: 224221

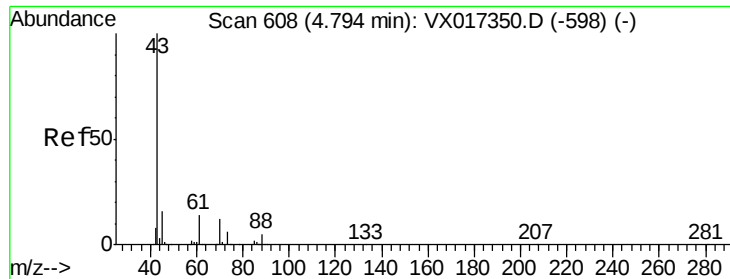
Ion Ratio Lower Upper

75 100

110 36.6 18.6 55.8

77 31.2 24.9 37.3

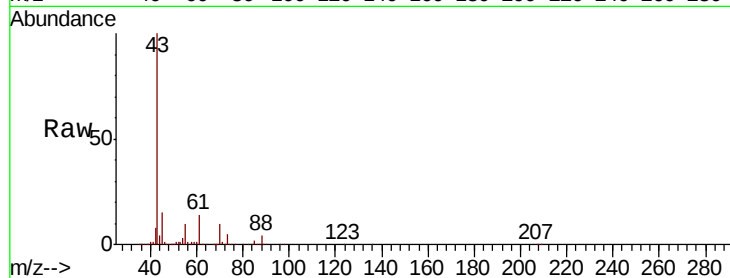




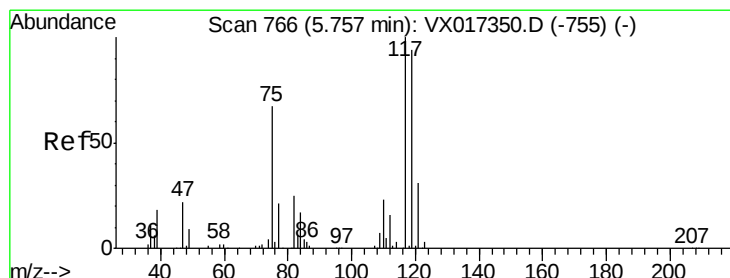
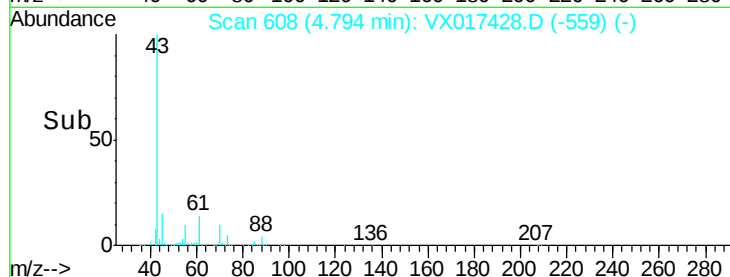
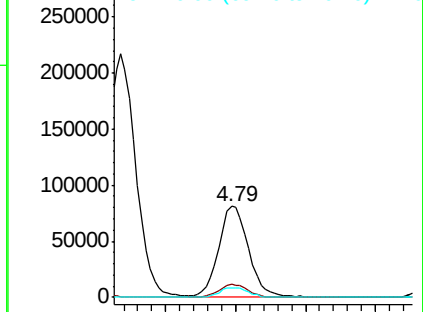
#37
Ethyl Acetate
Concen: 26.872 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 239649
Ion Ratio Lower Upper
43 100
61 14.0 10.7 16.1
70 10.8 9.0 13.6

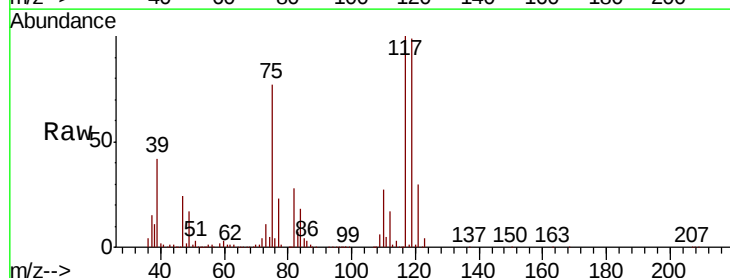


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

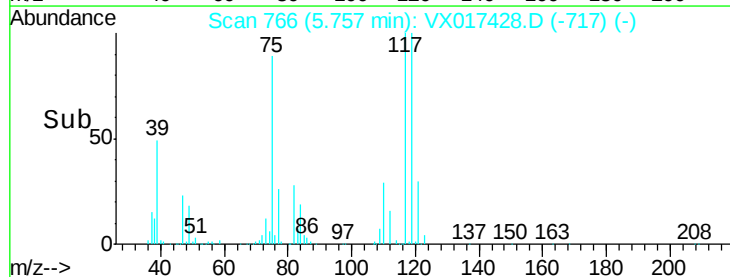
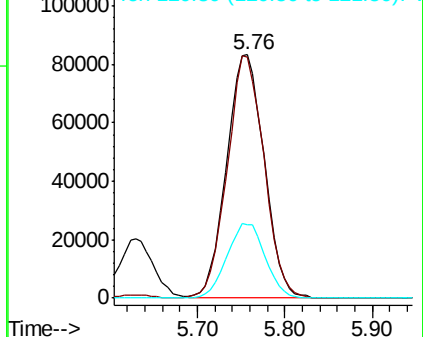


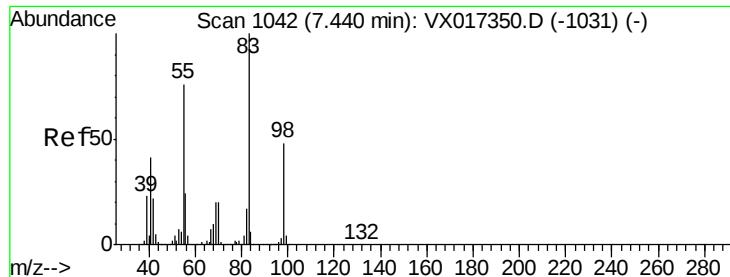
#38
Carbon Tetrachloride
Concen: 24.634 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion: 117 Resp: 248713
Ion Ratio Lower Upper
117 100
119 99.3 74.7 112.1
121 30.2 24.5 36.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

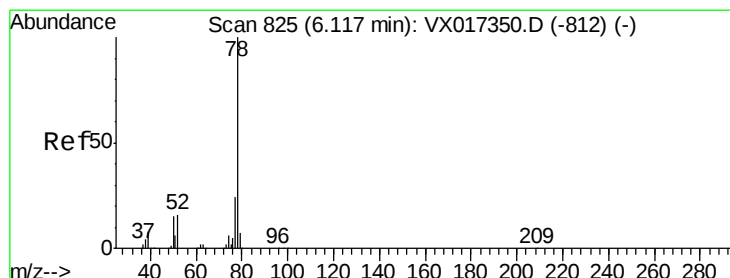
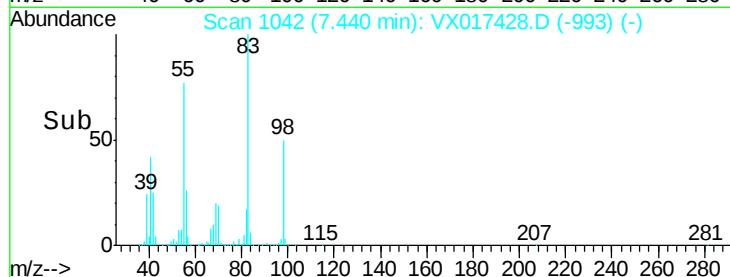
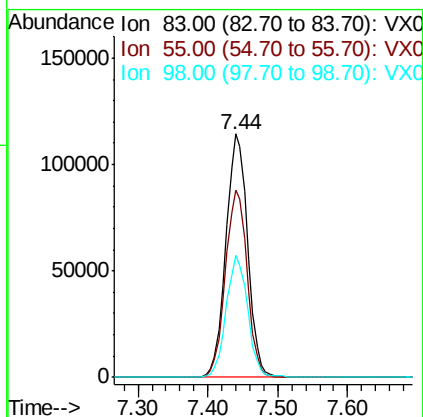
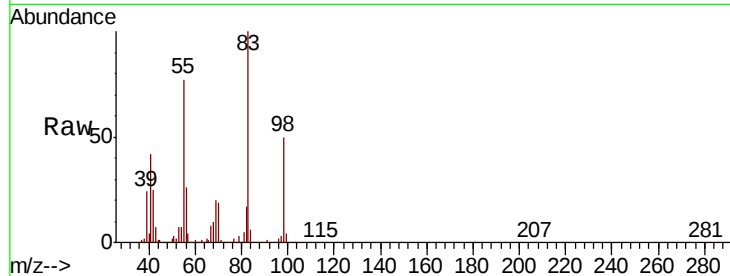




#39
Methvlcvclohexane
Concen: 26.418 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

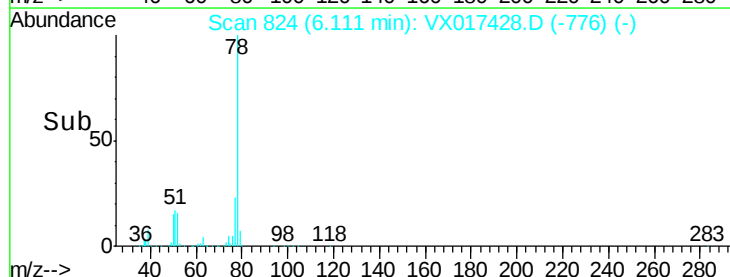
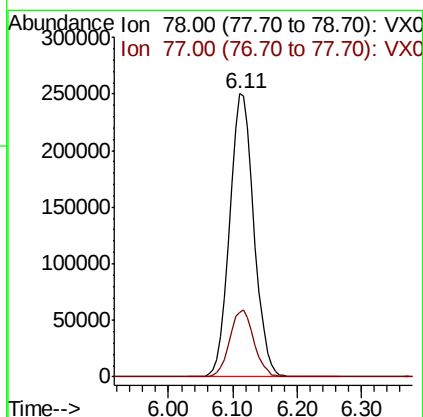
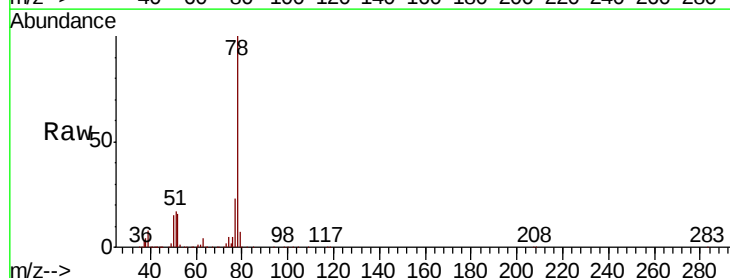
Instrument :
MSVOA_X
ClientSampleId :

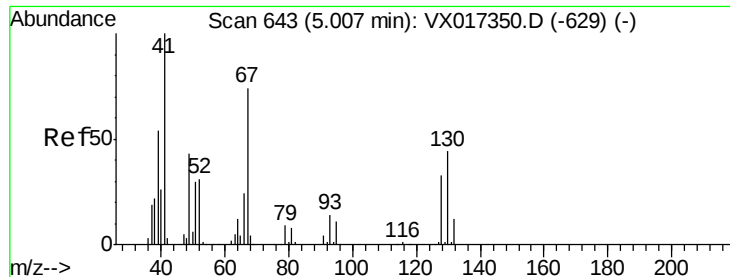
Tot Ion: 83 Resp: 247394
Ion Ratio Lower Upper
83 100
55 76.9 61.2 91.8
98 49.9 38.1 57.1



#40
Benzene
Concen: 26.682 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion: 78 Resp: 661250
Ion Ratio Lower Upper
78 100
77 23.0 18.9 28.3

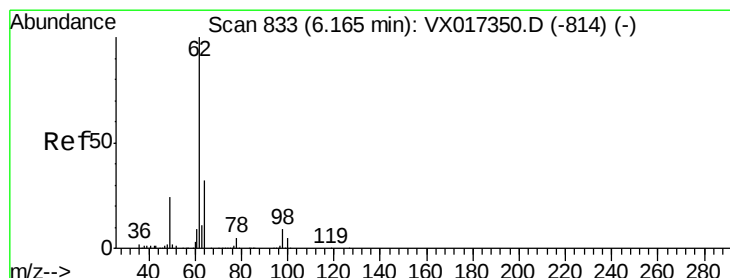
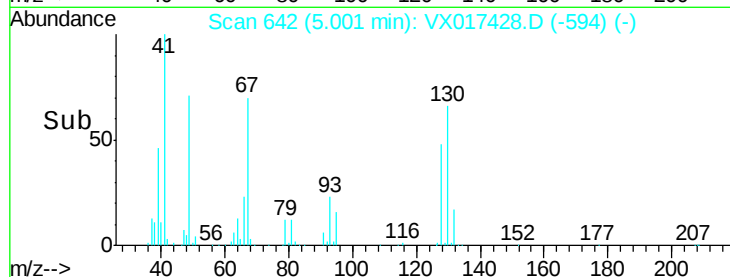
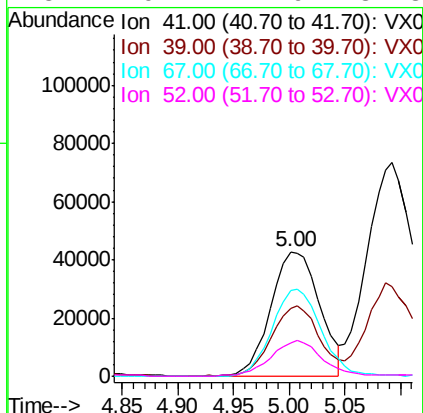
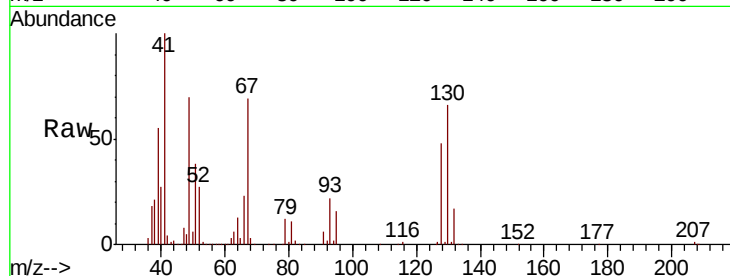




#41
Methacrylonitrile
Concen: 27.230 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

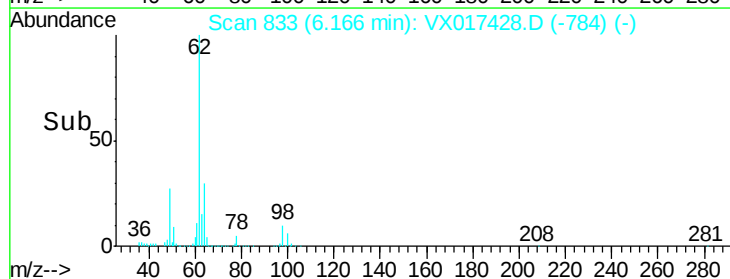
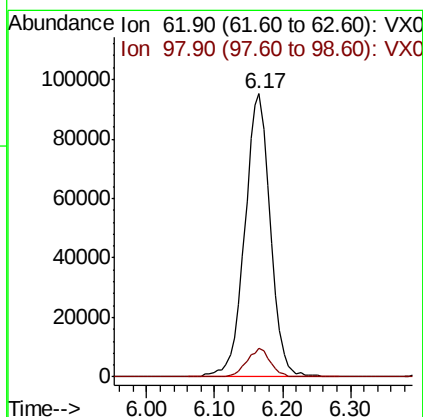
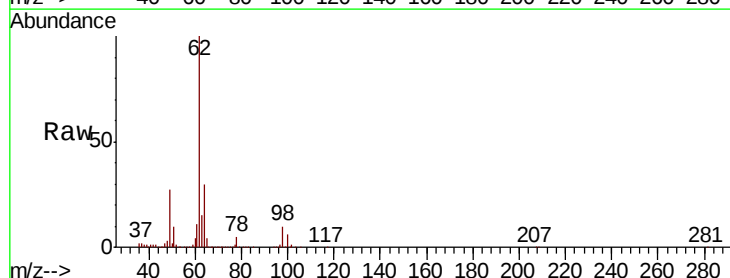
Instrument :
MSVOA_X
ClientSampled :

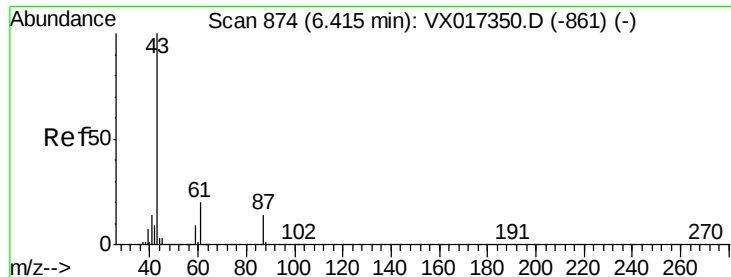
Tot Ion:	41	Resp:	130368
Ion	Ratio	Lower	Upper
41	100		
39	56.0	43.8	65.8
67	70.8	58.7	88.1
52	29.2	24.9	37.3



#42
1,2-Dichloroethane
Concen: 25.576 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion:	62	Resp:	246265
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.4



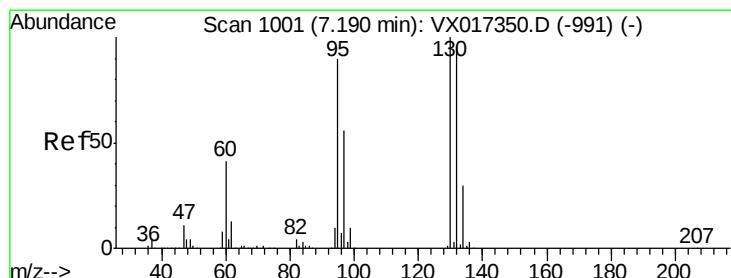
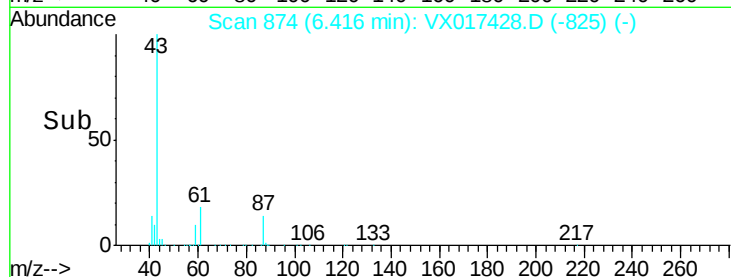
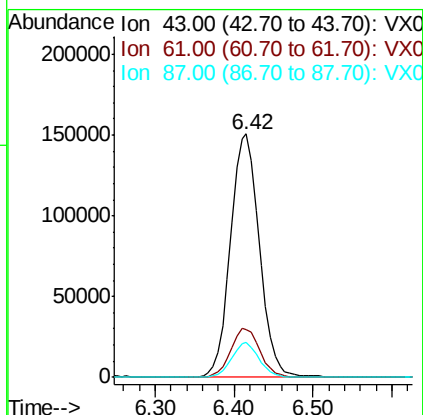
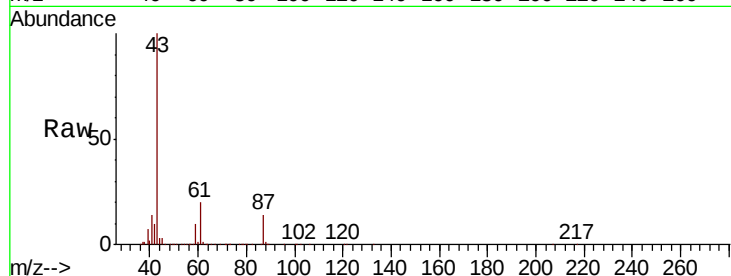


#43

Isopropyl Acetate
 Concen: 26.795 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Instrument :
 MSVOA_X
 ClientSampleId :

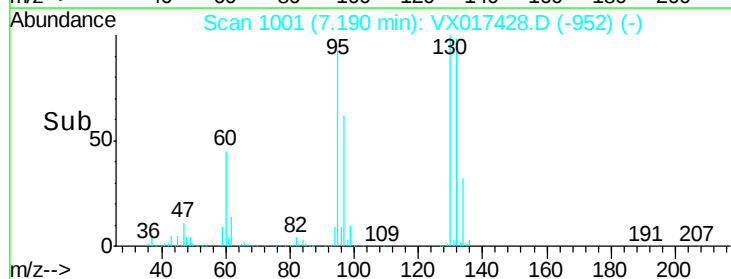
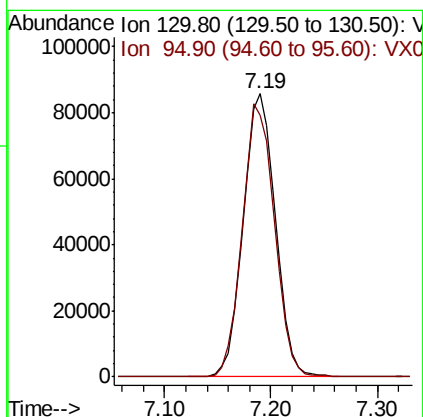
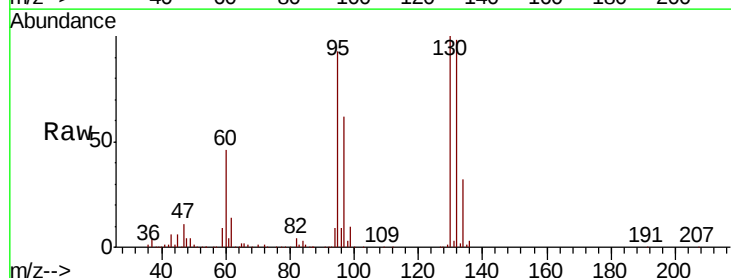
Tot Ion: 43 Resp: 381834
 Ion Ratio Lower Upper
 43 100
 61 20.3 16.4 24.6
 87 13.6 11.2 16.8

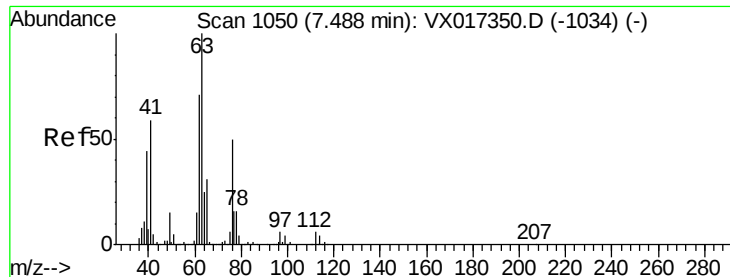


#44

Trichloroethene
 Concen: 24.056 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Tgt Ion:130 Resp: 182099
 Ion Ratio Lower Upper
 130 100
 95 92.5 0.0 180.2





#45

1,2-Dichloropropane

Concen: 27.672 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

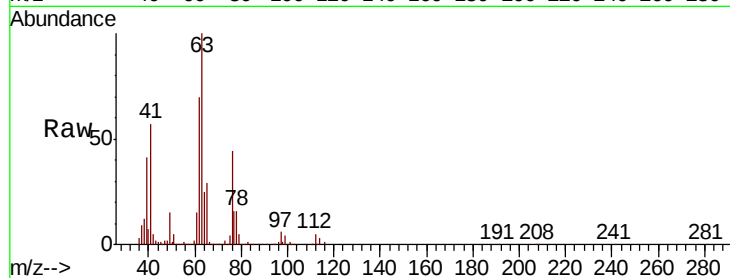
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 175477

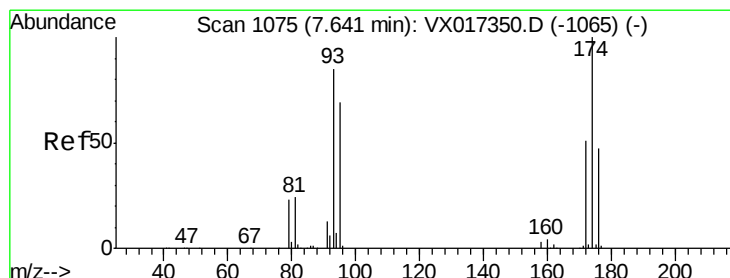
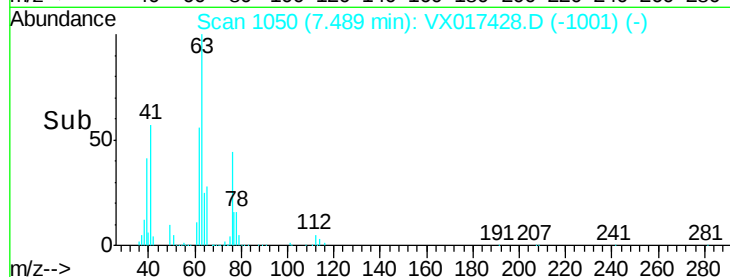
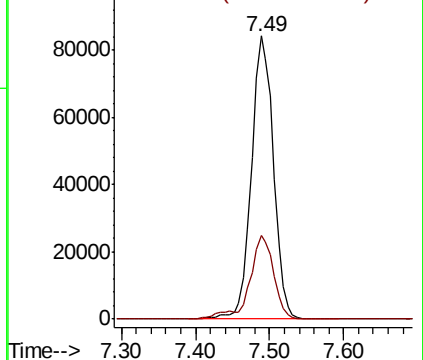
Ion Ratio Lower Upper

63 100

65 29.4 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 26.235 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

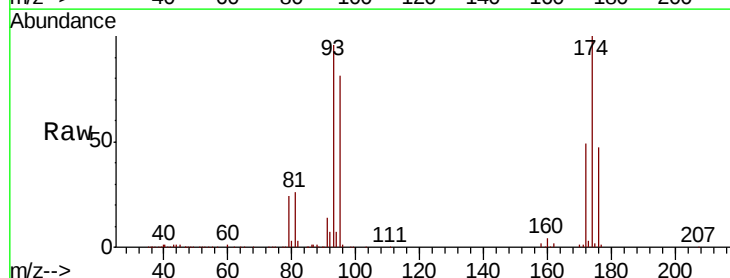
Tgt Ion: 93 Resp: 119982

Ion Ratio Lower Upper

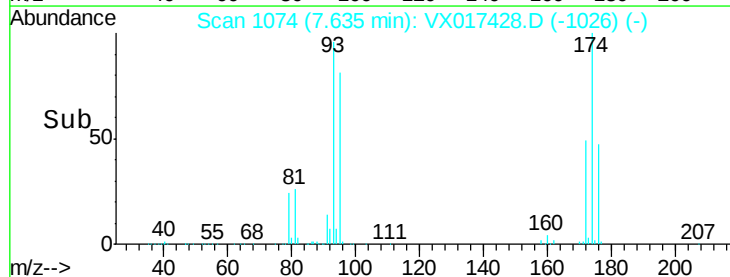
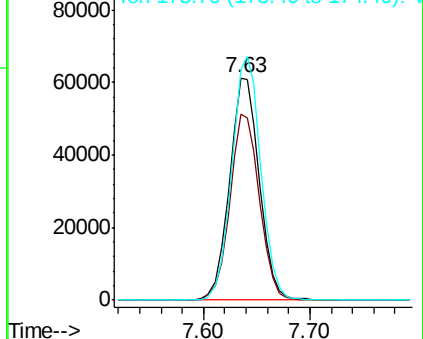
93 100

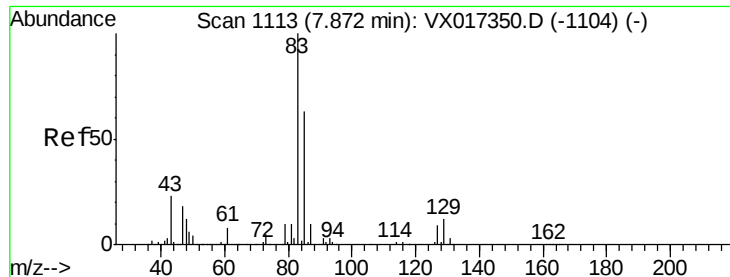
95 82.9 65.4 98.2

174 107.4 91.2 136.8



Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 26.248 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

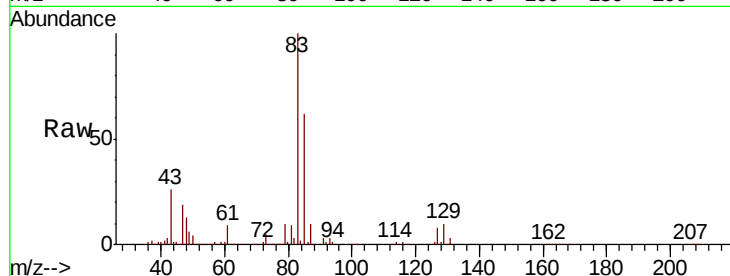
Tot Ion: 83 Resp: 250964

Ion Ratio Lower Upper

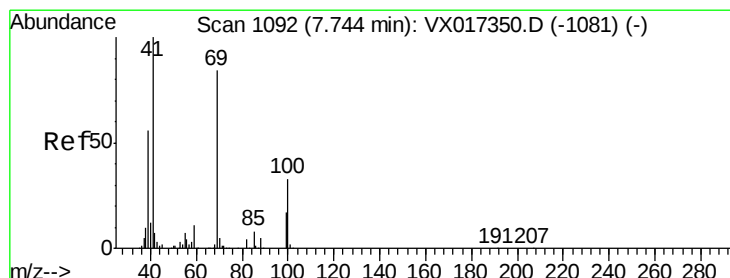
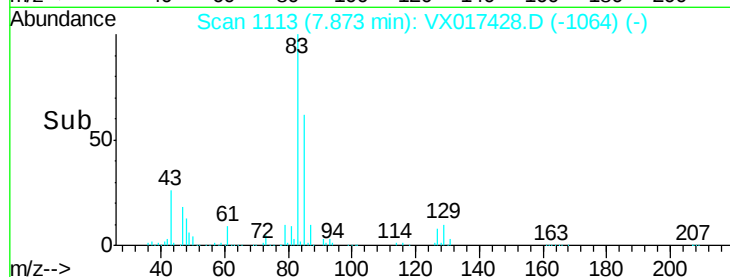
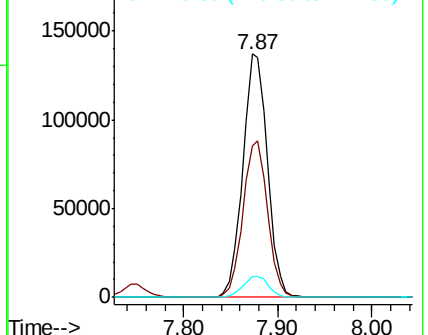
83 100

85 62.3 50.2 75.4

127 8.5 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: 28.103 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

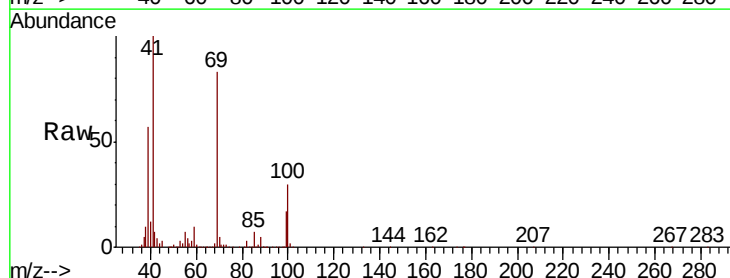
Tgt Ion: 41 Resp: 192174

Ion Ratio Lower Upper

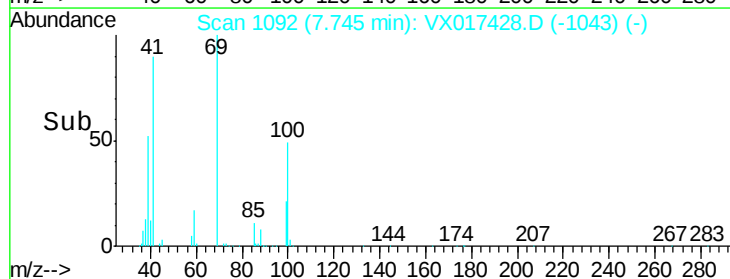
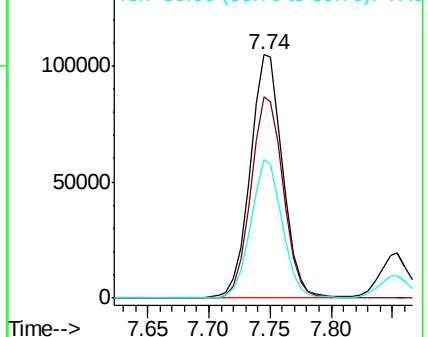
41 100

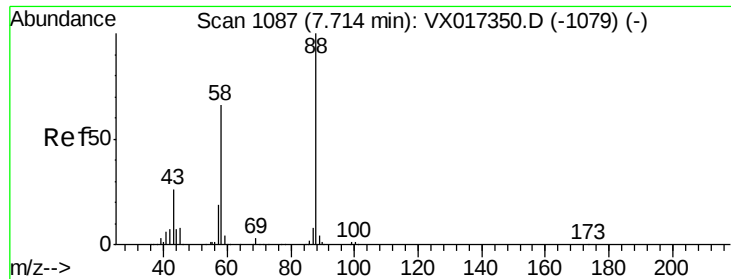
69 83.3 67.8 101.6

39 55.5 45.1 67.7



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

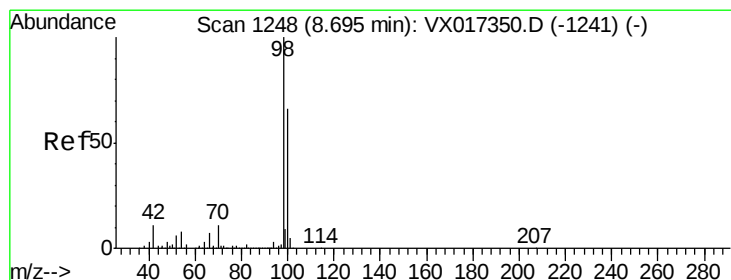
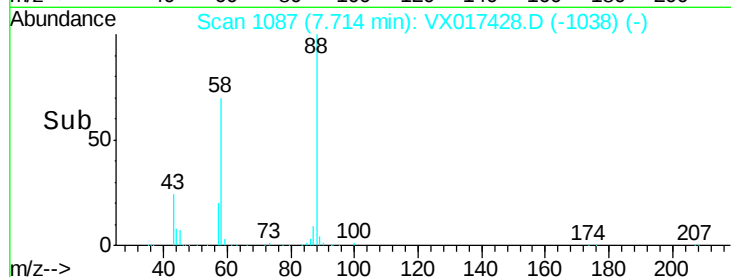
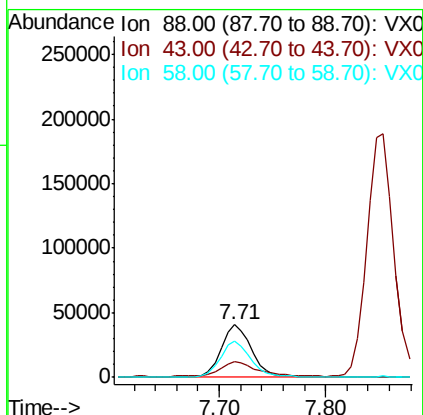
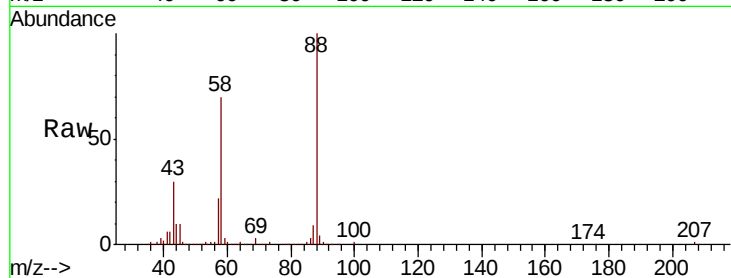




#49
1,4-Dioxane
Concen: 576.578 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

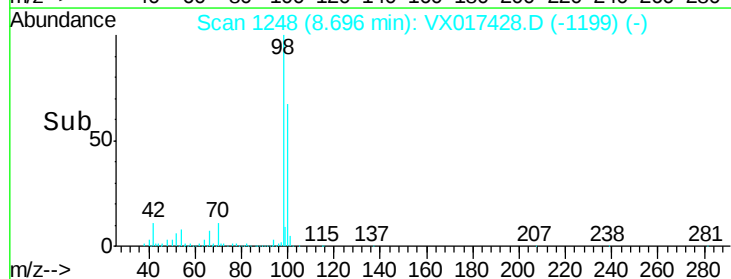
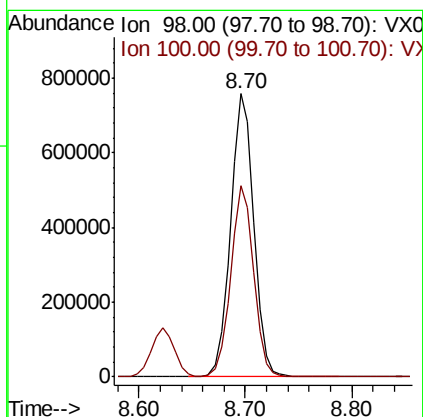
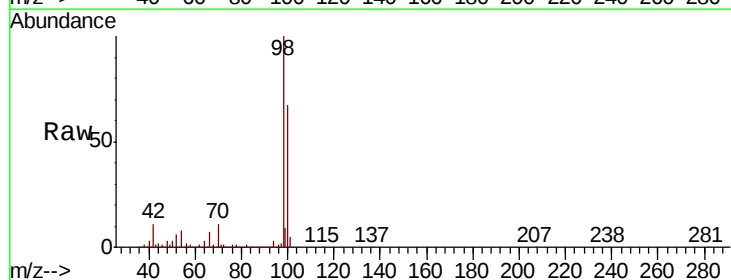
Instrument :
MSVOA_X
ClientSampleId :

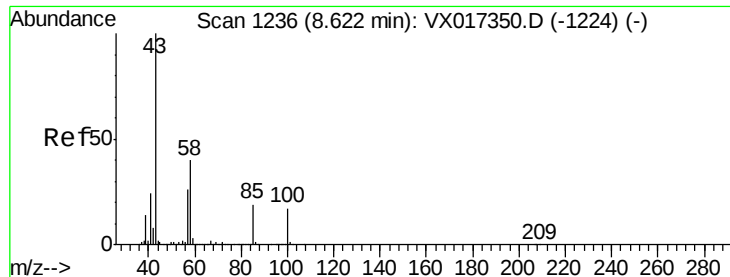
Tot Ion: 88 Resp: 80687
Ion Ratio Lower Upper
88 100
43 33.5 25.6 38.4
58 70.6 53.9 80.9



#50
Toluene-d8
Concen: 50.671 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion: 98 Resp: 1154287
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.2

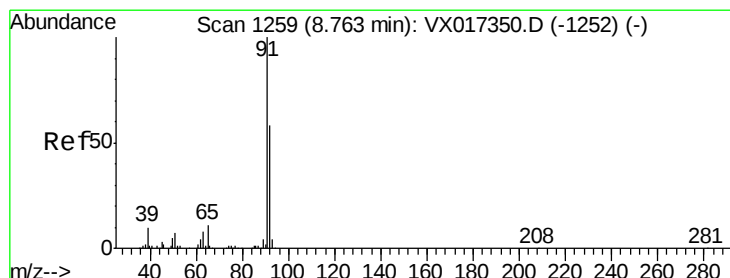
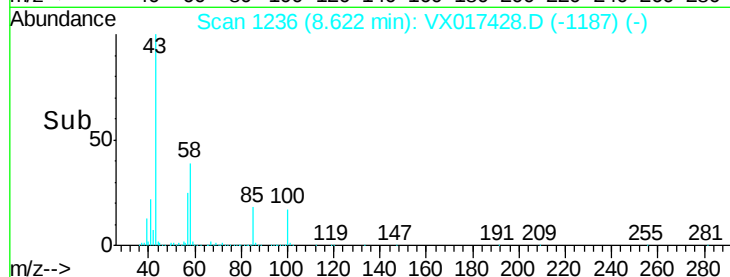
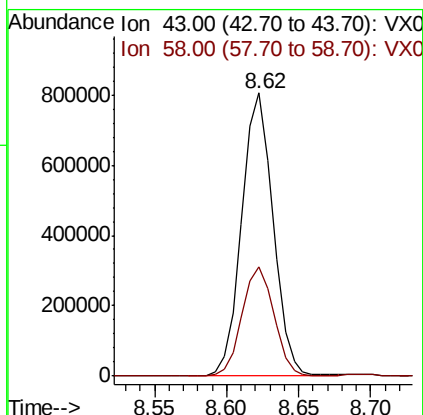
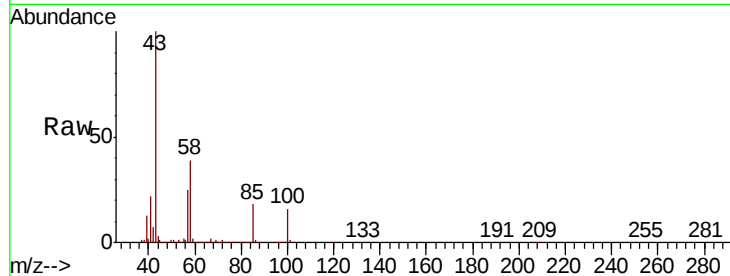




#51
 4-Methyl-2-Pentanone
 Concen: 140.146 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

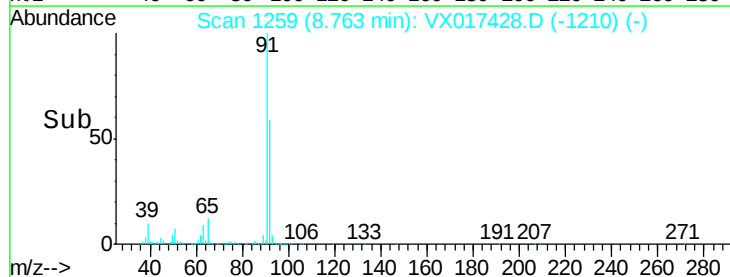
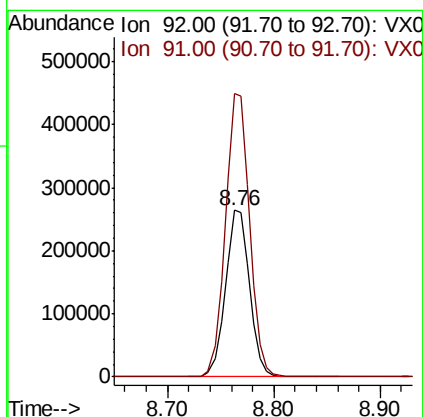
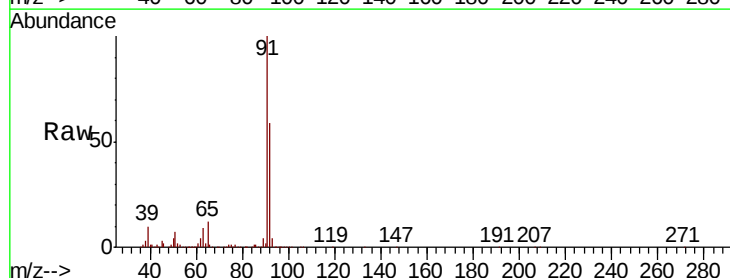
Instrument :
 MSVOA_X
 ClientSampled :

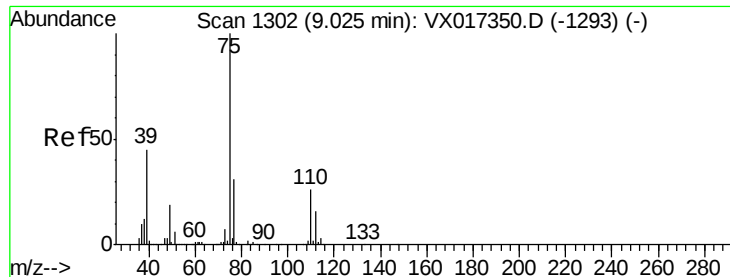
Tot Ion: 43 Resp: 1217738
 Ion Ratio Lower Upper
 43 100
 58 39.4 32.2 48.2



#52
 Toluene
 Concen: 26.212 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Tgt Ion: 92 Resp: 416869
 Ion Ratio Lower Upper
 92 100
 91 171.1 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 26.256 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

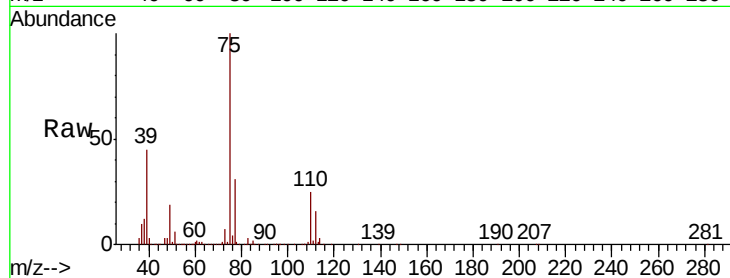
ClientSampleId :

Tot Ion: 75 Resp: 270457

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

200000

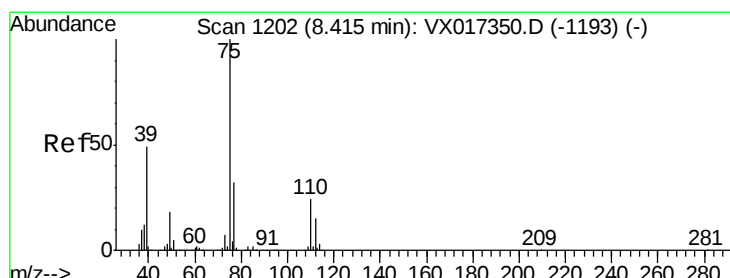
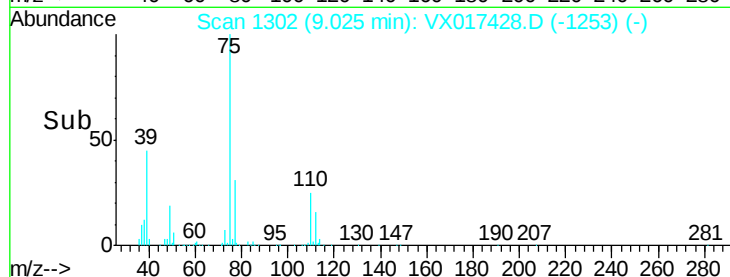
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 26.390 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

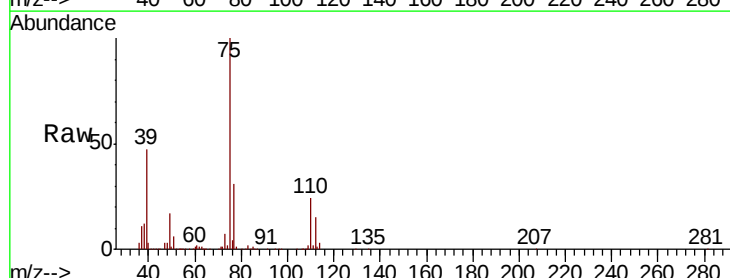
Tgt Ion: 75 Resp: 289931

Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

39 47.3 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

250000

200000

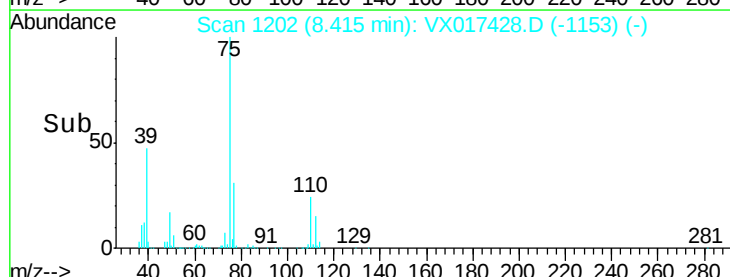
150000

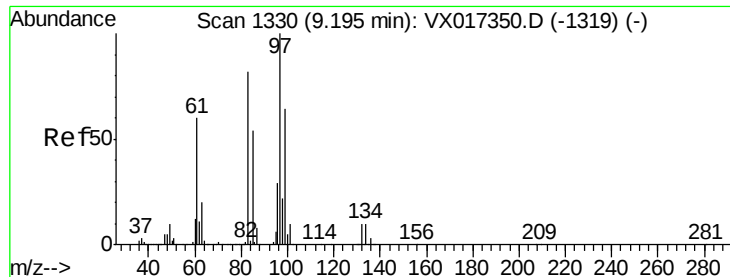
100000

50000

0

Time-->

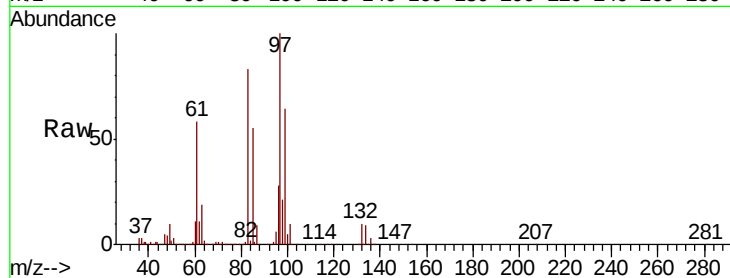




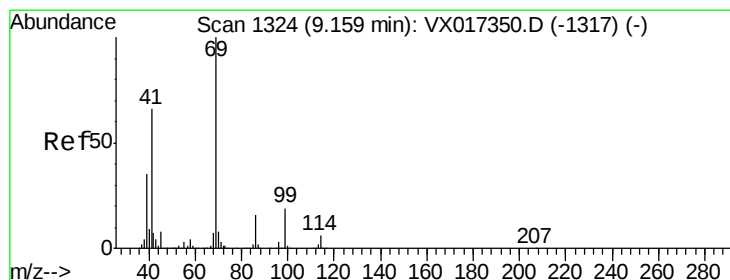
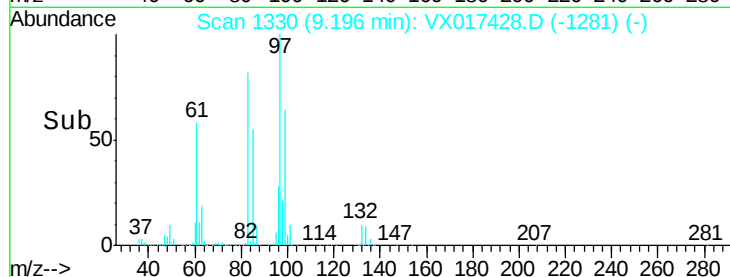
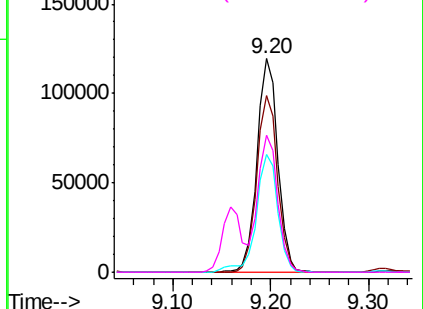
#55
 1,1,2-Trichloroethane
 Concen: 26.568 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	176194
Ion	Ratio	Lower	Upper
97	100		
83	82.5	65.8	98.6
85	55.2	42.8	64.2
99	64.3	51.2	76.8

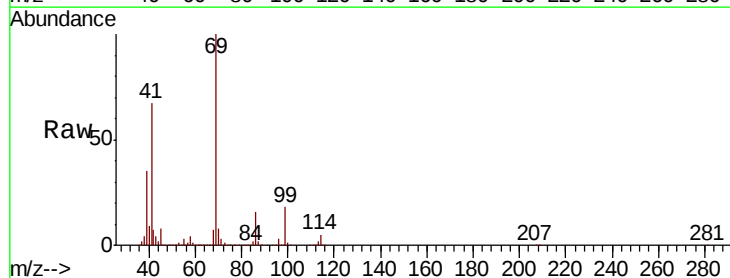


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

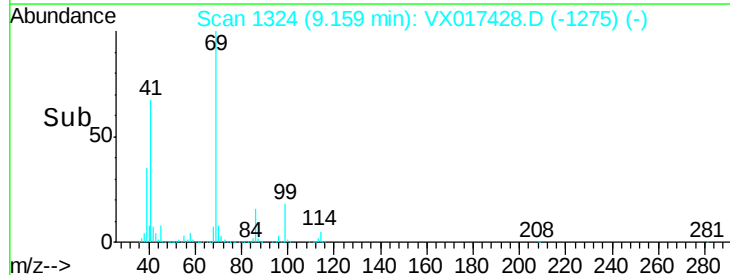
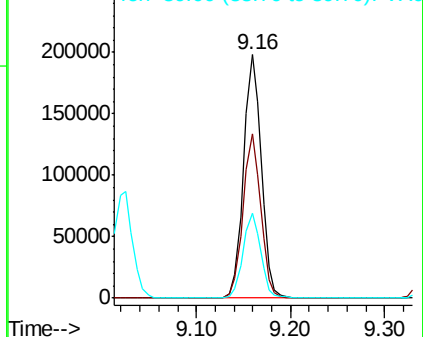


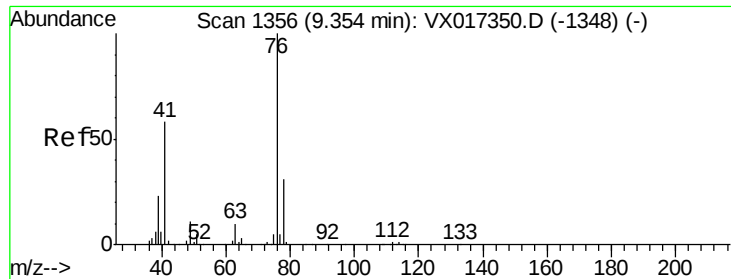
#56
 Ethyl methacrylate
 Concen: 27.667 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017428.D
 Acq: 17 Jul 2020 18:27

Tgt Ion:	69	Resp:	260487
Ion	Ratio	Lower	Upper
69	100		
41	67.2	52.6	78.8
39	35.5	28.8	43.2



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: 26.171 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

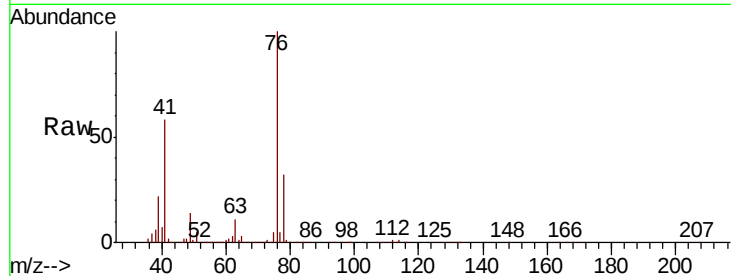
ClientSampleId :

Tot Ion: 76 Resp: 288705

Ion Ratio Lower Upper

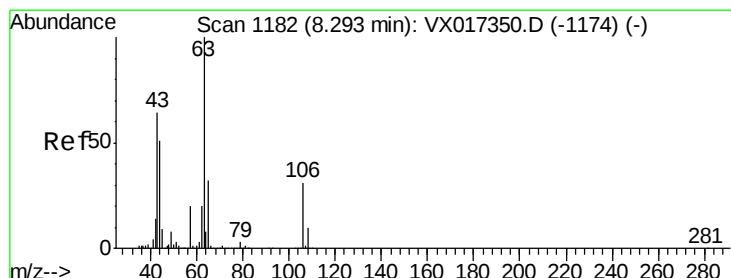
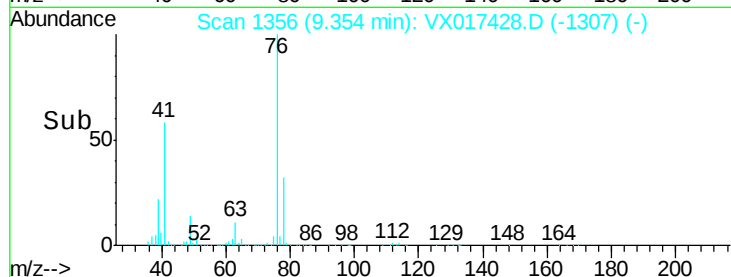
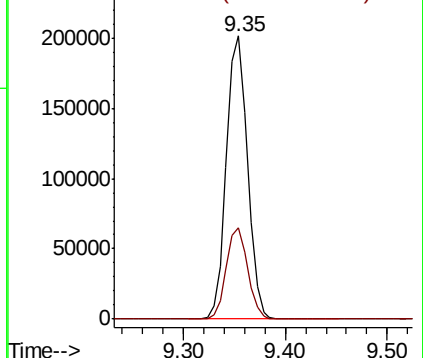
76 100

78 32.6 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 147.181 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017428.D

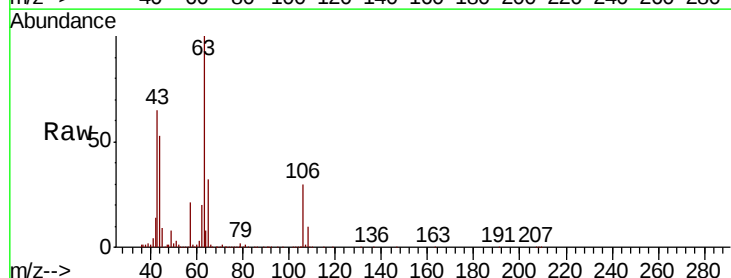
Acq: 17 Jul 2020 18:27

Tgt Ion: 63 Resp: 703609

Ion Ratio Lower Upper

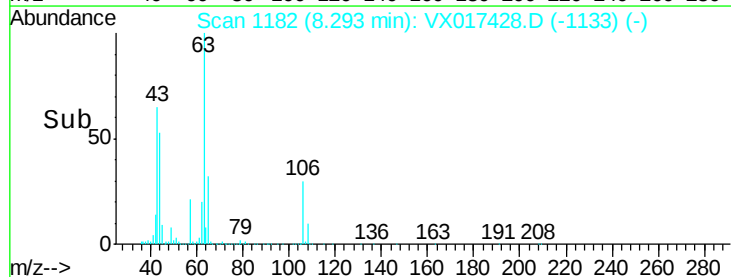
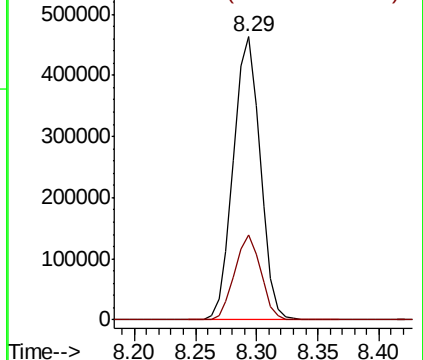
63 100

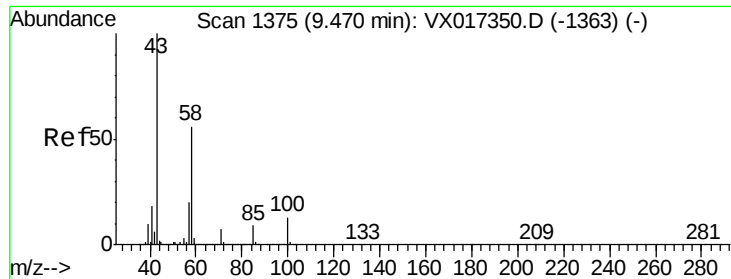
106 29.3 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

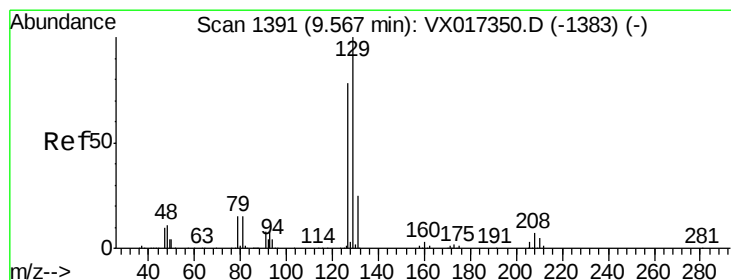
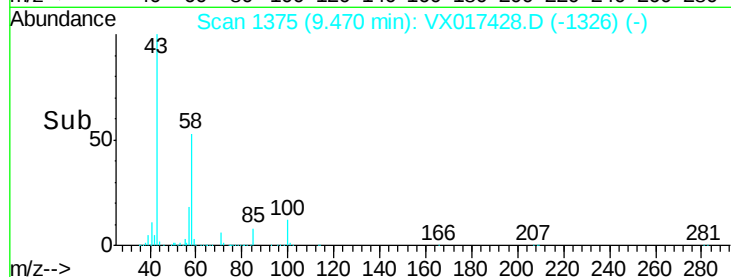
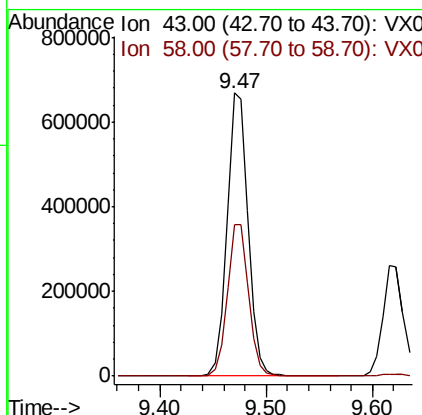
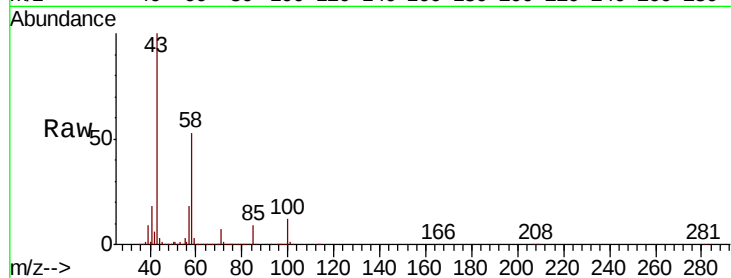




#59
2-Hexanone
Concen: 140.559 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

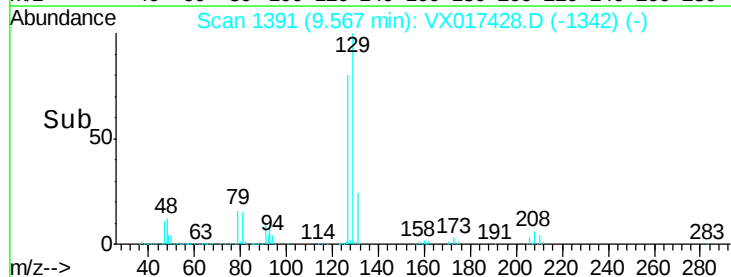
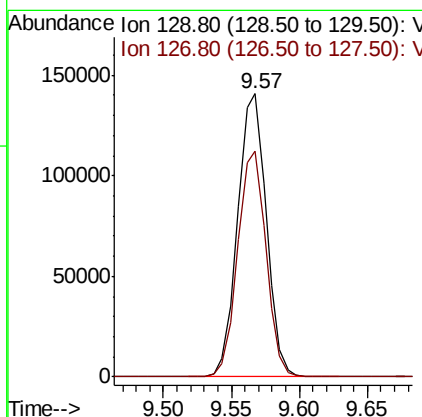
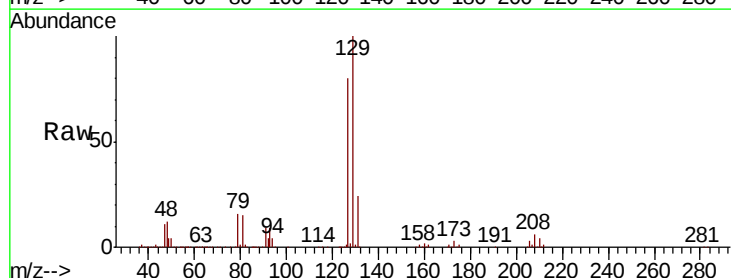
Instrument :
MSVOA_X
ClientSampleId :

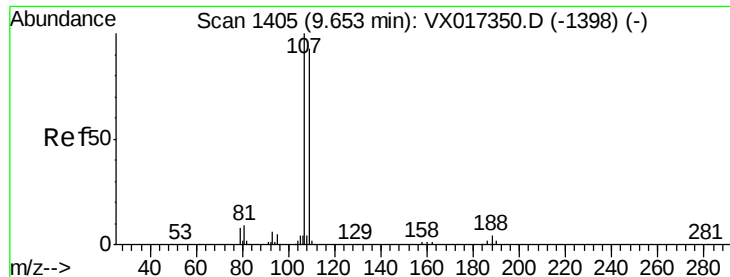
Tot Ion: 43 Resp: 921800
Ion Ratio Lower Upper
43 100
58 54.3 28.1 84.3



#60
Dibromochloromethane
Concen: 25.547 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion: 129 Resp: 206974
Ion Ratio Lower Upper
129 100
127 78.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 26.300 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

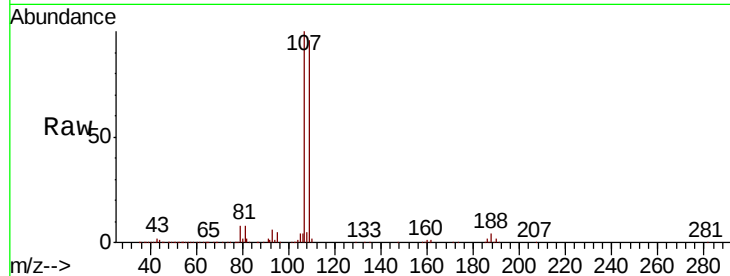
ClientSampled :

Tot Ion:107 Resp: 189737

Ion Ratio Lower Upper

107 100

109 94.1 75.0 112.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

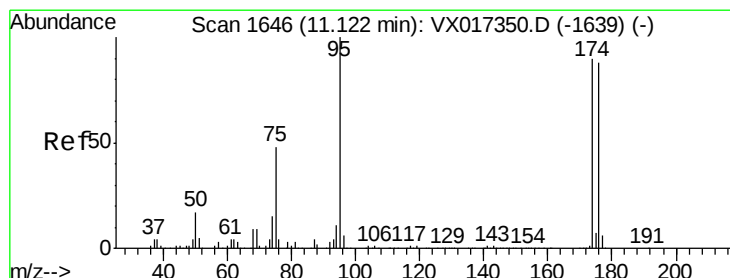
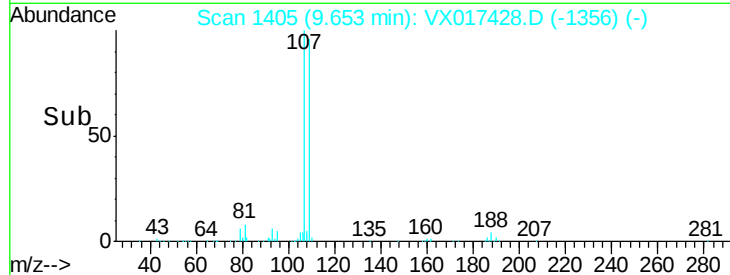
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 54.421 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

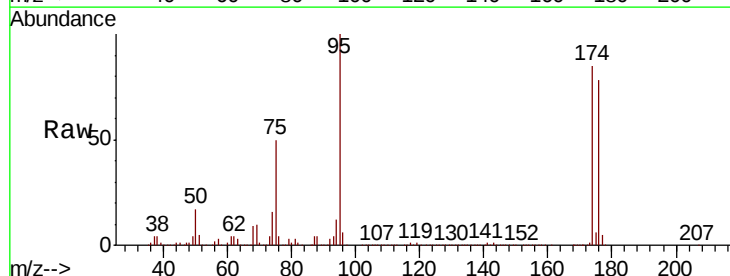
Tgt Ion: 95 Resp: 492440

Ion Ratio Lower Upper

95 100

174 83.5 0.0 175.8

176 77.9 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

500000

400000

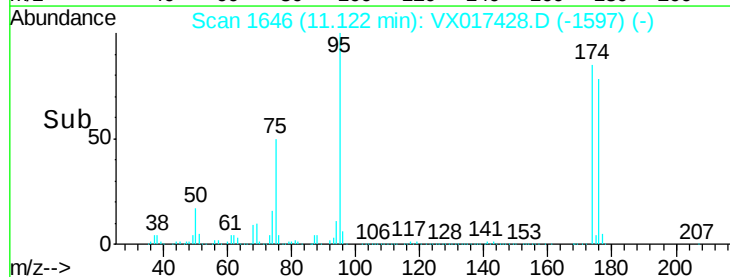
300000

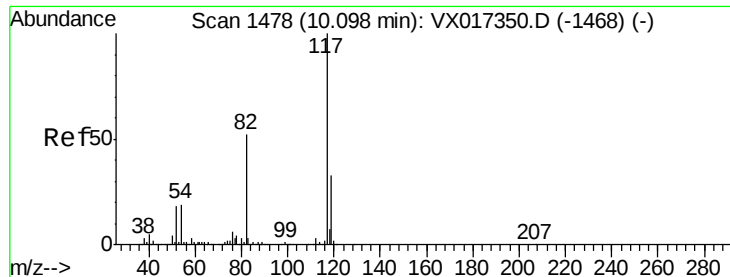
200000

100000

0

Time-->

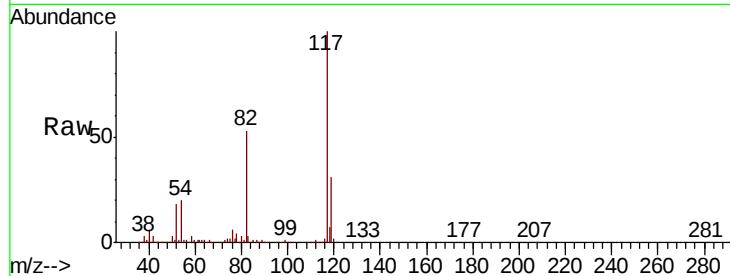




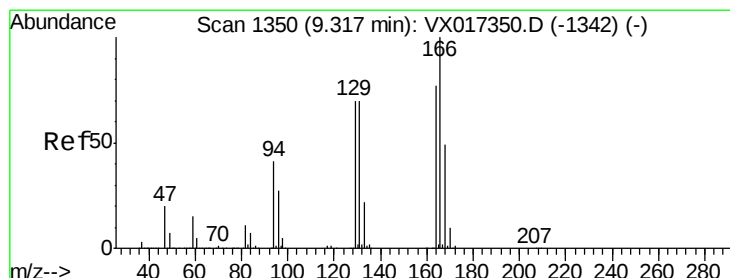
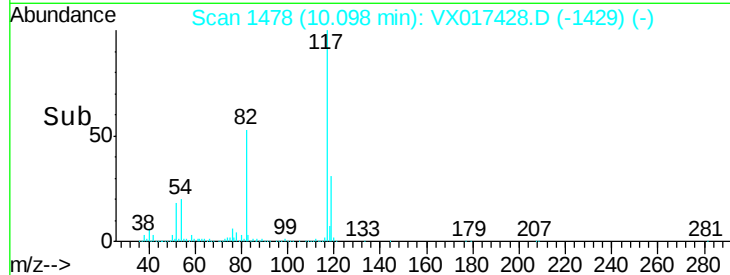
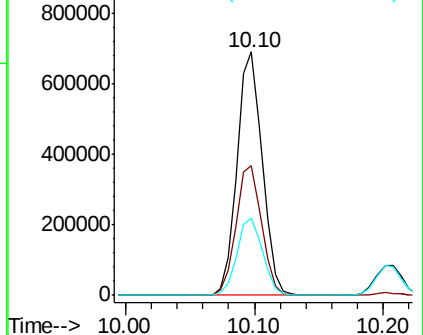
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.0	63.0
119	31.5	26.3	39.5



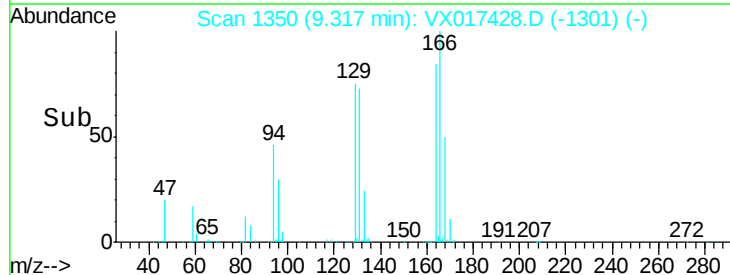
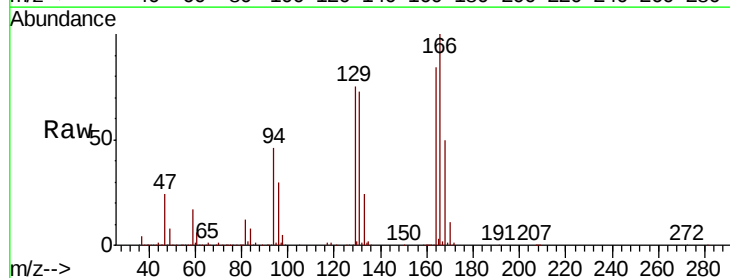
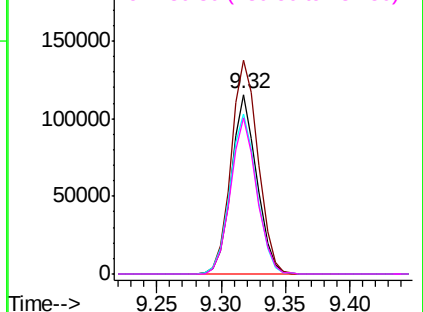
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 19.597 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	118.8	103.9	155.9
129	89.1	72.9	109.3
131	87.0	72.5	108.7

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

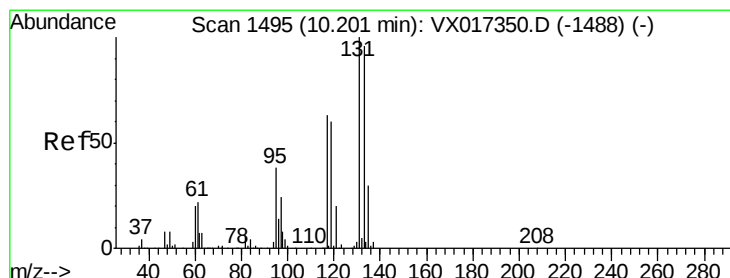
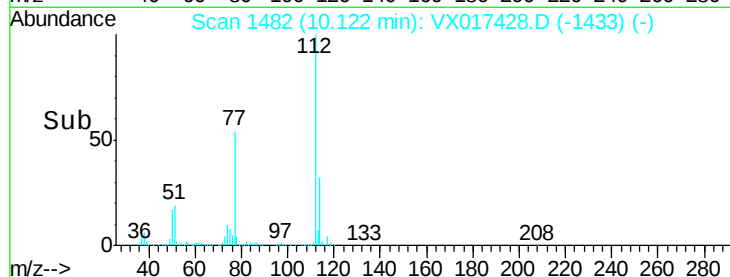
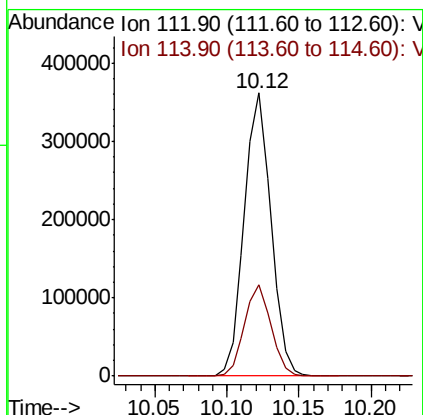
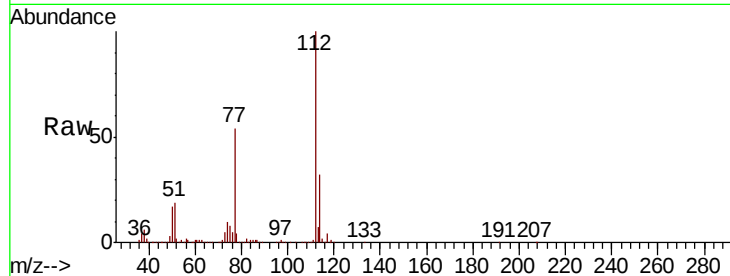




#65
Chlorobenzene
Concen: 24.431 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

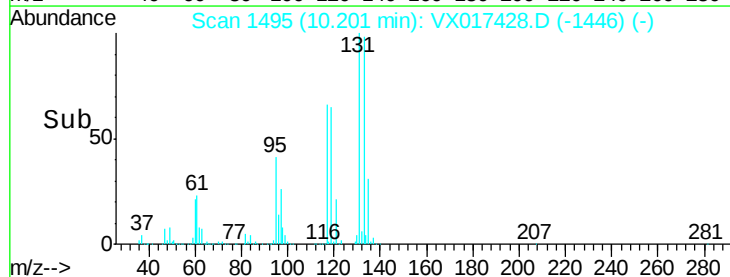
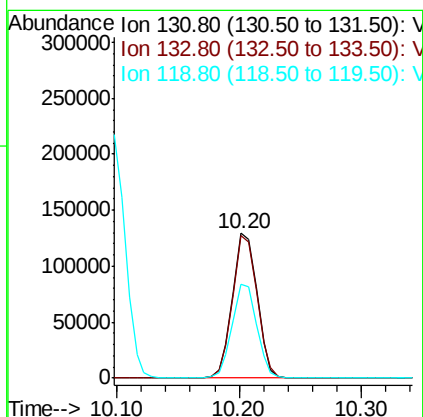
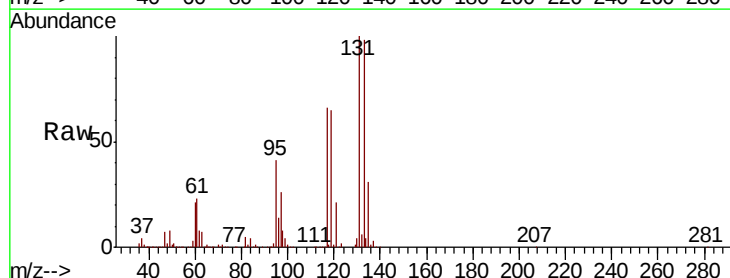
Instrument :
MSVOA_X
ClientSampleId :

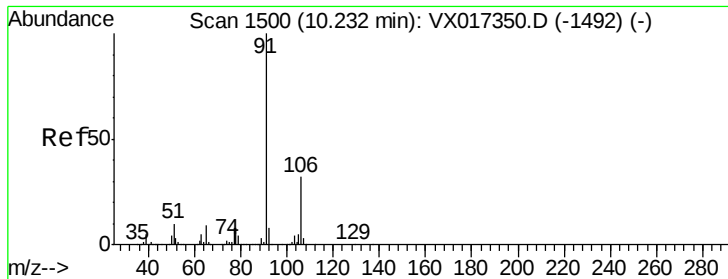
Tot Ion:112 Resp: 466362
Ion Ratio Lower Upper
112 100
114 32.1 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 23.770 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion:131 Resp: 180651
Ion Ratio Lower Upper
131 100
133 97.9 48.4 145.2
119 64.8 31.2 93.6





#67

Ethyl Benzene

Concen: 25.266 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

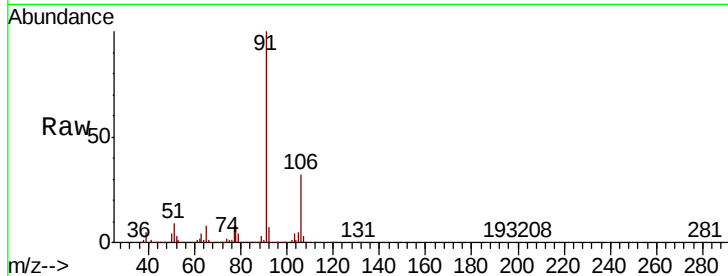
ClientSampled :

Tot Ion: 91 Resp: 802906

Ion Ratio Lower Upper

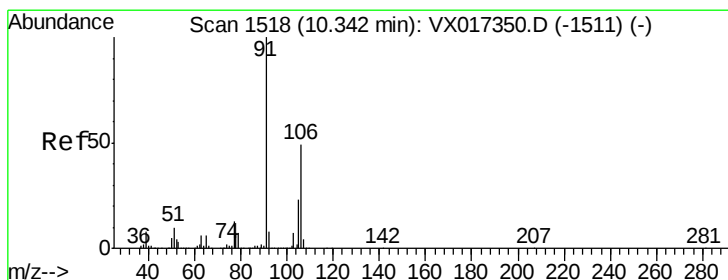
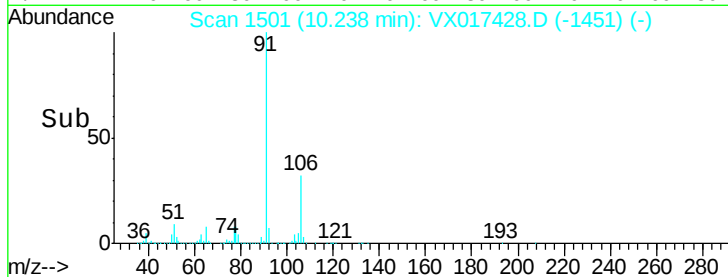
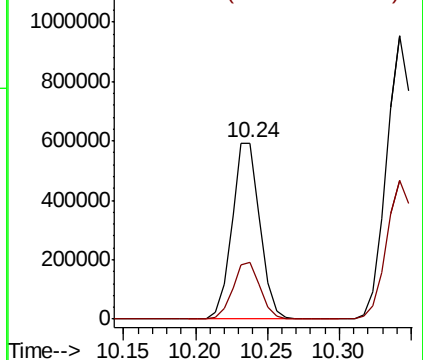
91 100

106 32.2 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 51.471 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017428.D

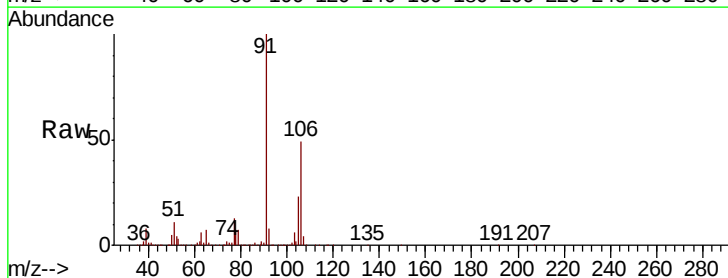
Acq: 17 Jul 2020 18:27

Tgt Ion: 106 Resp: 622331

Ion Ratio Lower Upper

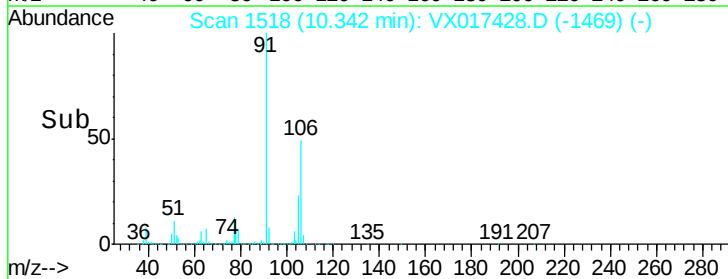
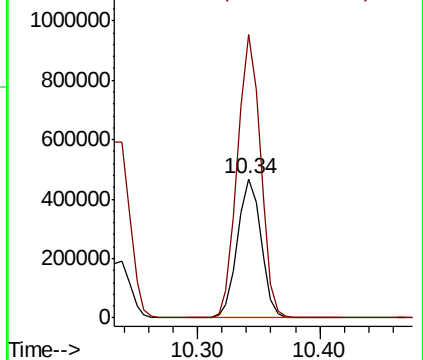
106 100

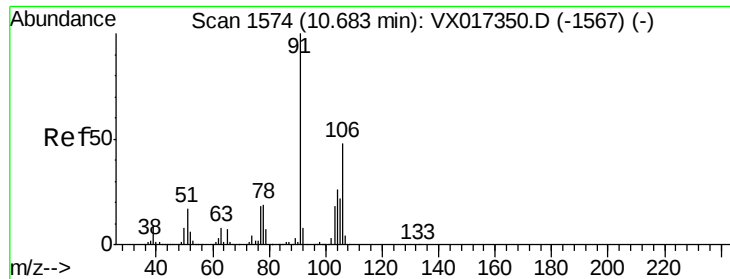
91 200.3 162.5 243.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

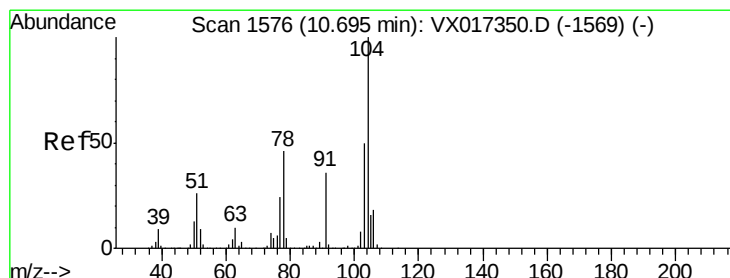
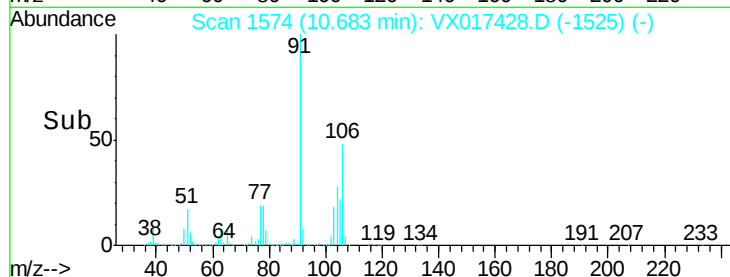
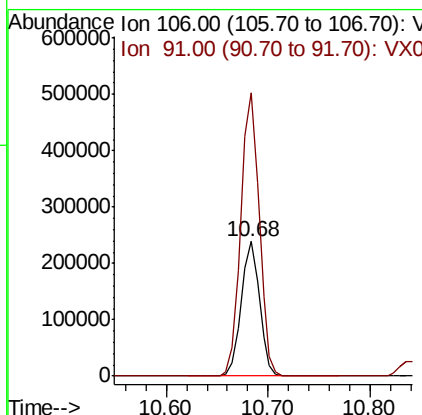
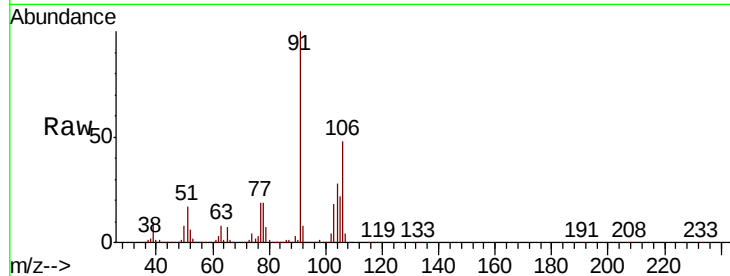




#69
o-Xylene
Concen: 25.487 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

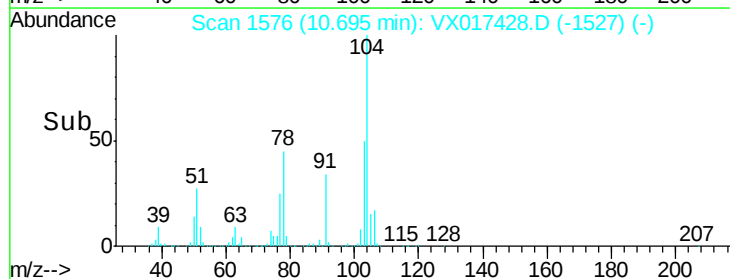
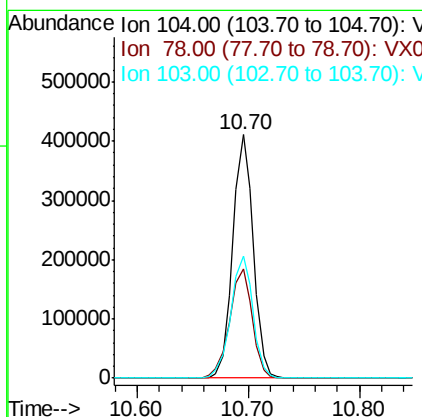
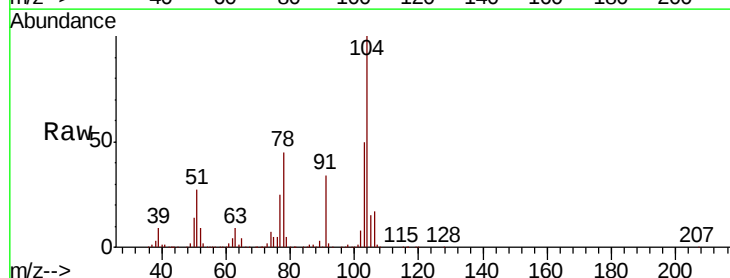
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 294456
Ion Ratio Lower Upper
106 100
91 212.2 106.1 318.1



#70
Styrene
Concen: 26.328 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion:104 Resp: 522143
Ion Ratio Lower Upper
104 100
78 49.9 40.8 61.2
103 54.6 43.3 64.9





#71

Bromoform

Concen: 24.948 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

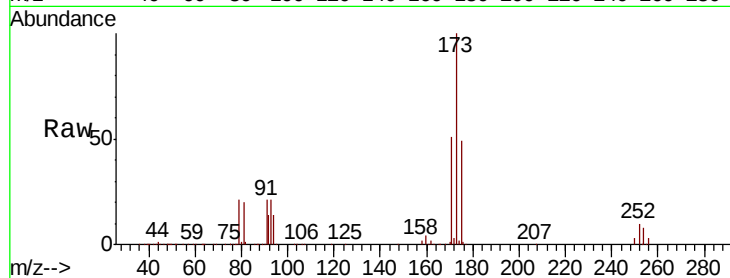
Tot Ion:173 Resp: 159999

Ion Ratio Lower Upper

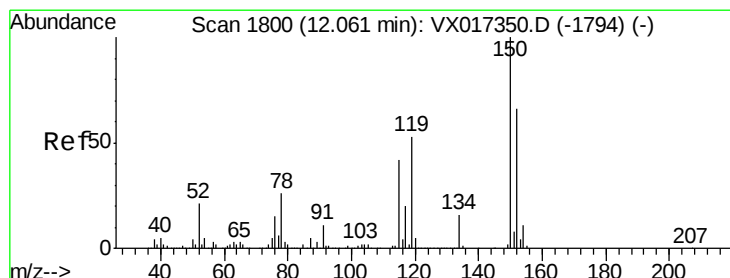
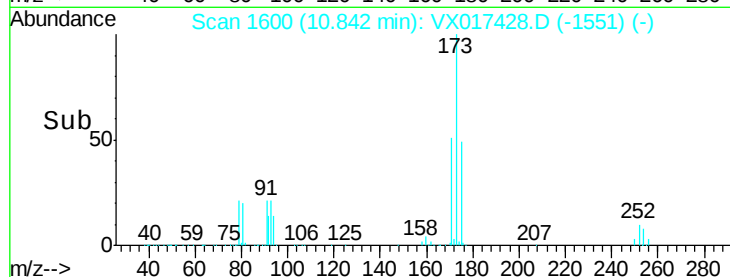
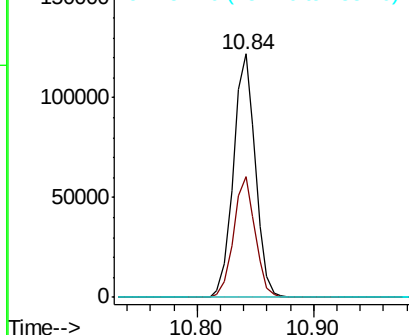
173 100

175 48.4 24.7 74.1

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: VX017428.D

Acq: 17 Jul 2020 18:27

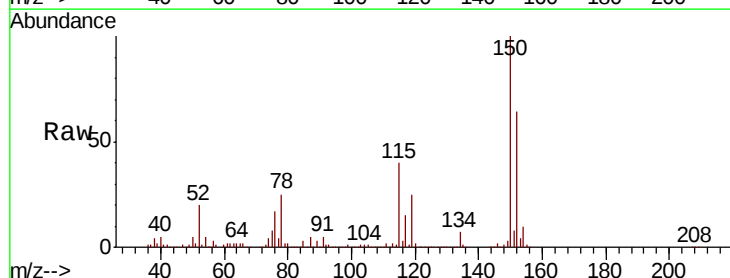
Tgt Ion:152 Resp: 532556

Ion Ratio Lower Upper

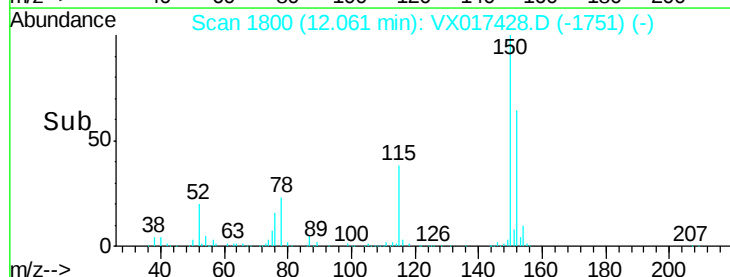
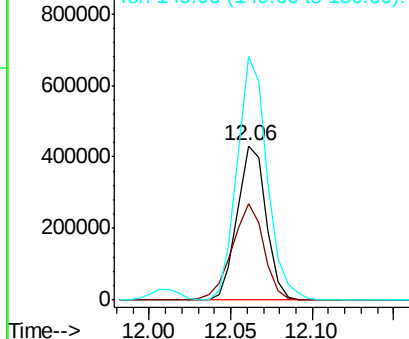
152 100

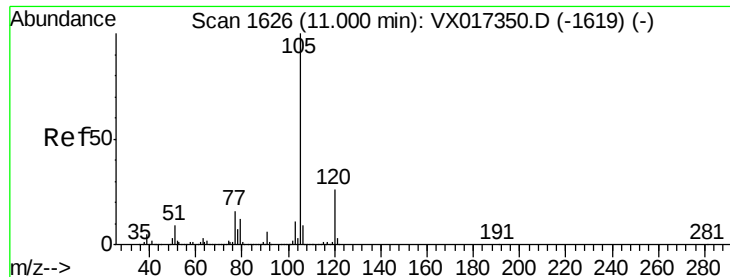
115 68.2 39.9 119.7

150 164.0 0.0 343.4



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

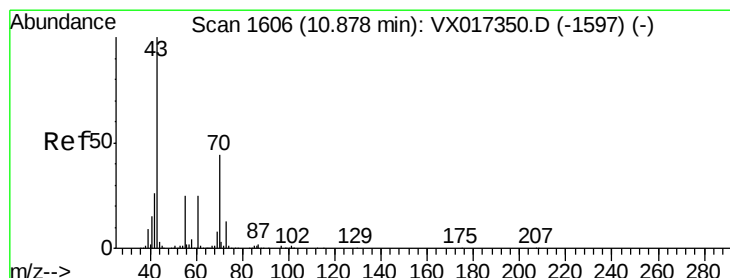
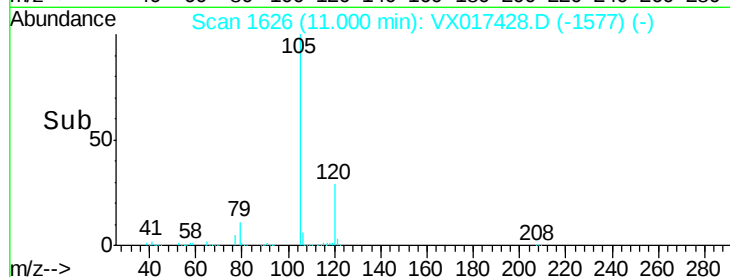
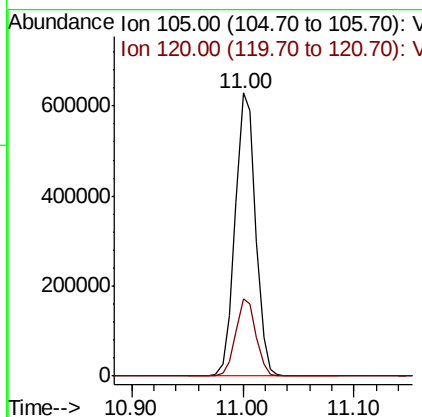
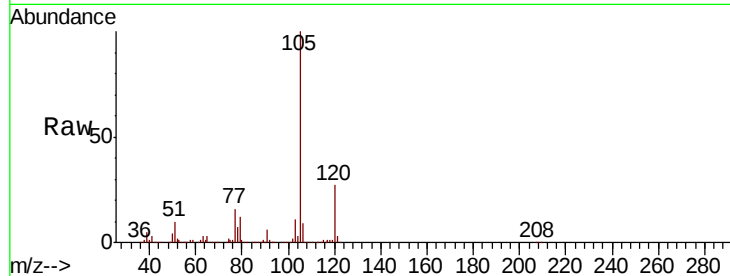




#73
Isopropylbenzene
Concen: 23.858 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

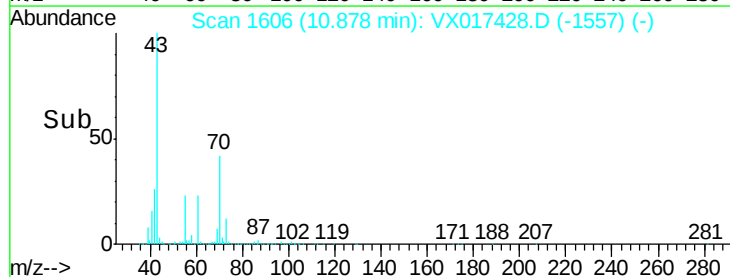
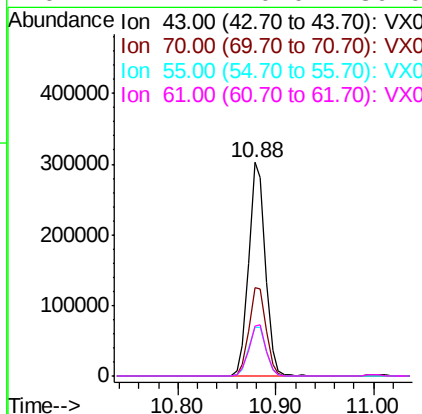
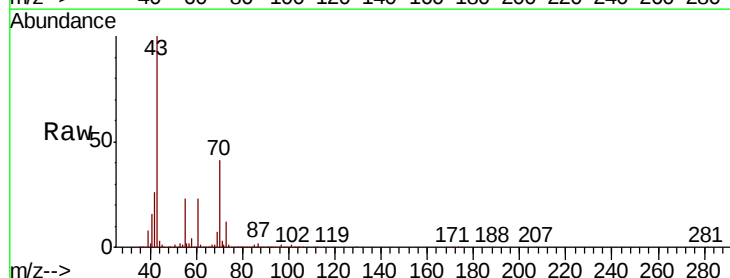
Instrument :
MSVOA_X
ClientSampleId :

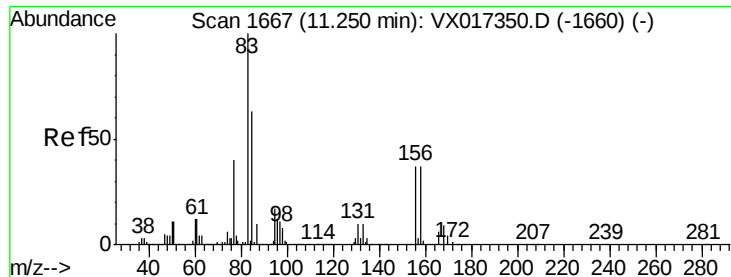
Tot Ion: 105 Resp: 796475
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.8



#74
N-ethyl acetate
Concen: 26.703 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX017428.D
Acq: 17 Jul 2020 18:27

Tgt Ion: 43 Resp: 356727
Ion Ratio Lower Upper
43 100
70 42.9 35.7 53.5
55 24.5 20.3 30.5
61 24.4 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 26.249 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

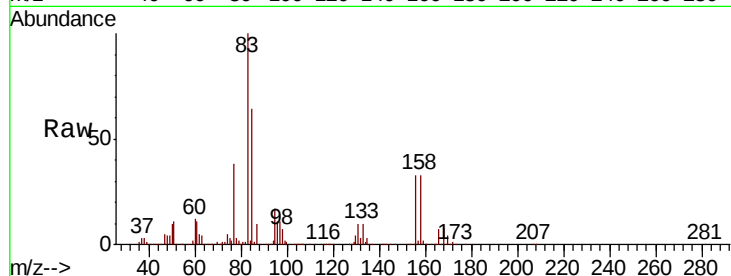
Tot Ion: 83 Resp: 266062

Ion Ratio Lower Upper

83 100

131 10.3 5.5 16.7

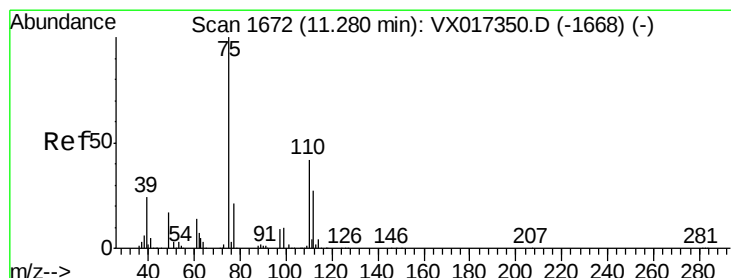
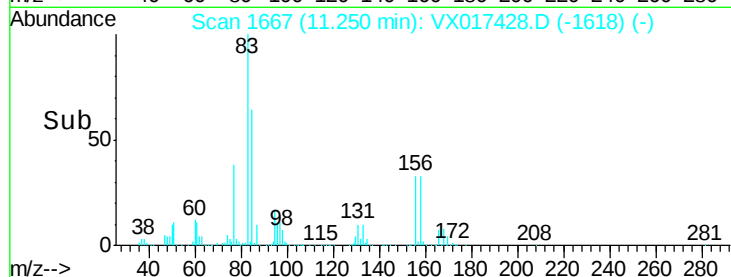
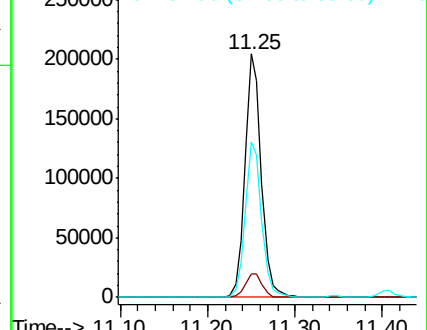
85 64.8 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 32.485 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017428.D

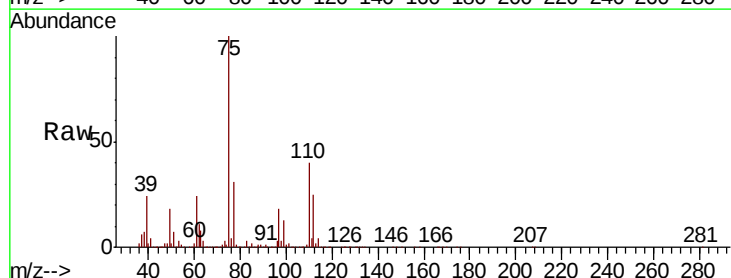
Acq: 17 Jul 2020 18:27

Tgt Ion: 75 Resp: 319678

Ion Ratio Lower Upper

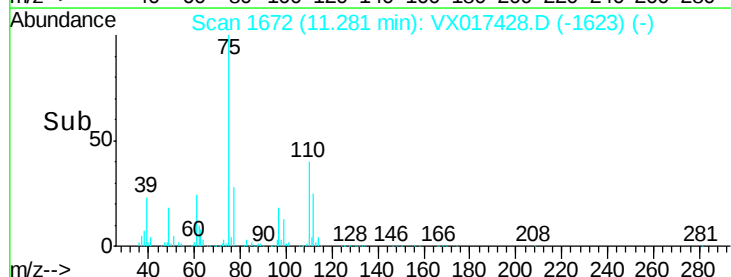
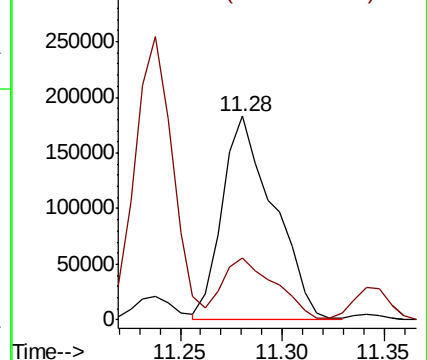
75 100

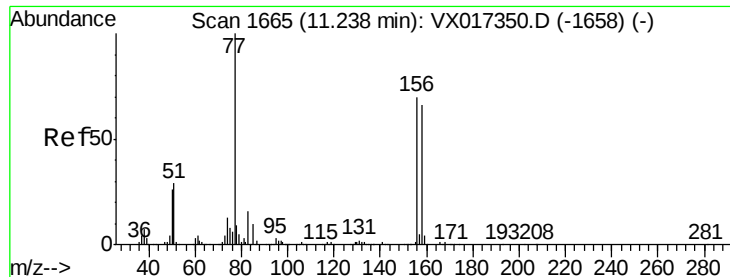
77 31.2 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 22.738 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

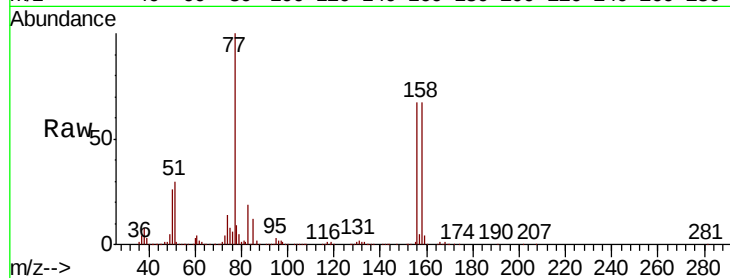
Tot Ion:156 Resp: 216205

Ion Ratio Lower Upper

156 100

77 151.5 72.1 216.3

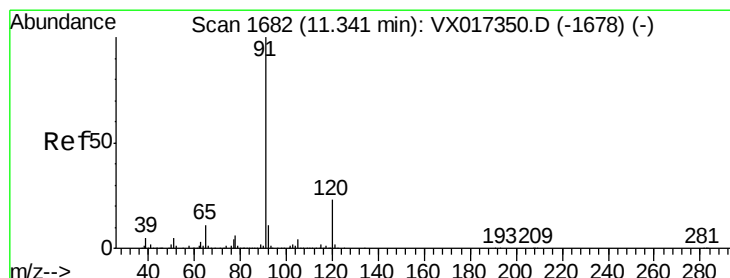
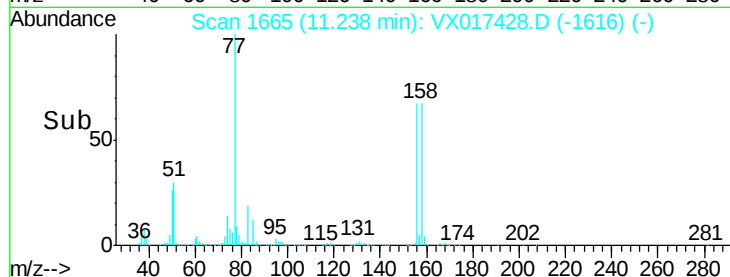
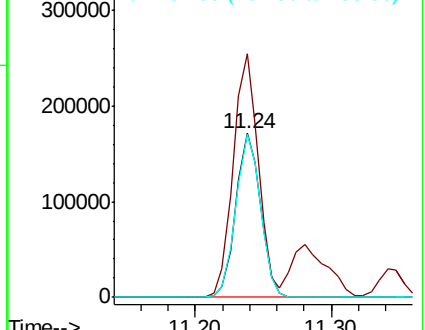
158 99.4 47.4 142.3



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: 24.768 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017428.D

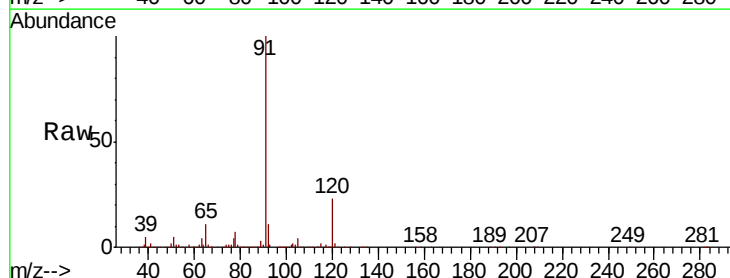
Acq: 17 Jul 2020 18:27

Tgt Ion: 91 Resp: 928616

Ion Ratio Lower Upper

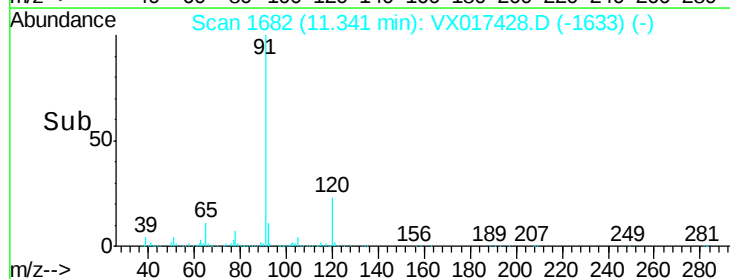
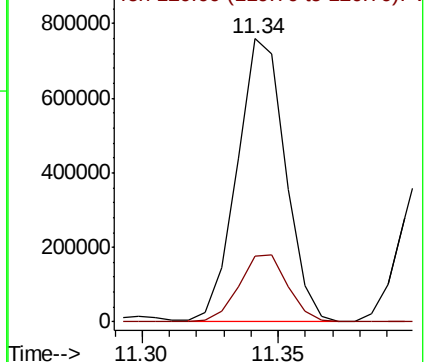
91 100

120 24.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 24.042 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

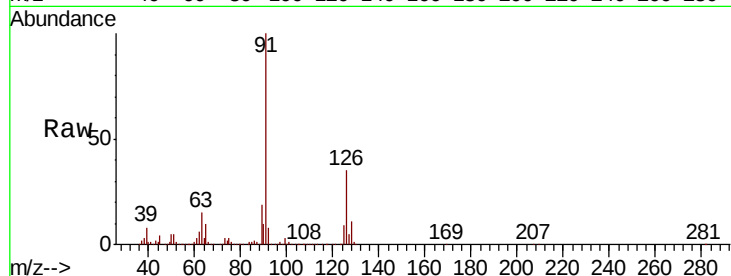
ClientSampled :

Tot Ion: 91 Resp: 555500

Ion Ratio Lower Upper

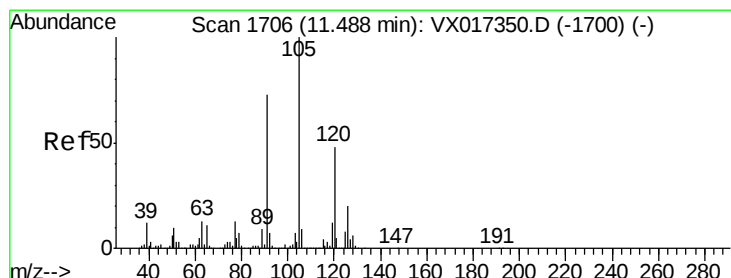
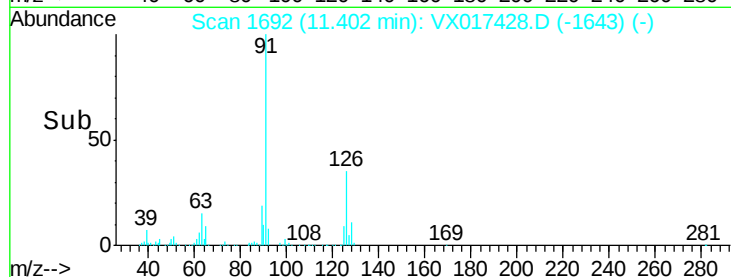
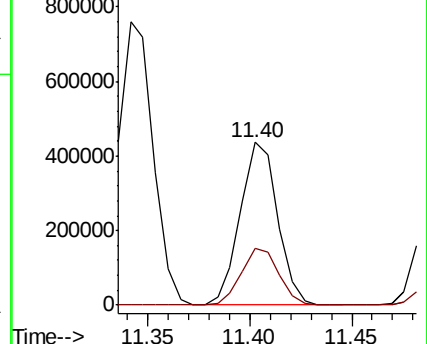
91 100

126 35.3 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 24.226 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX017428.D

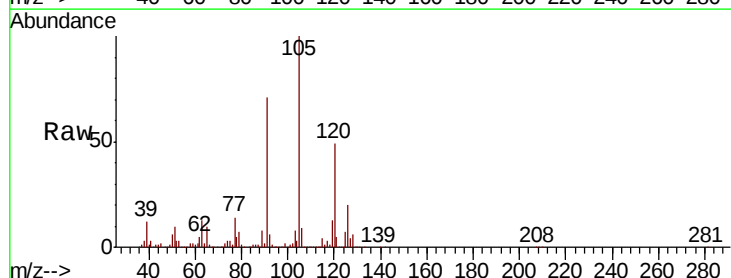
Acq: 17 Jul 2020 18:27

Tgt Ion:105 Resp: 686530

Ion Ratio Lower Upper

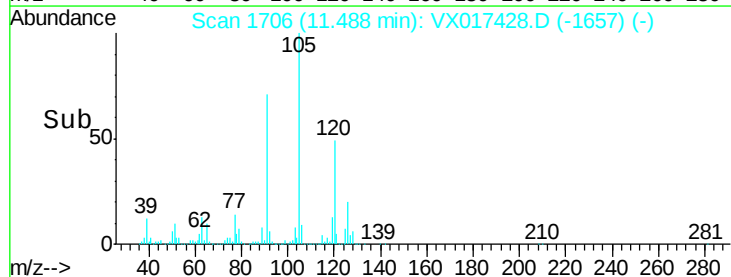
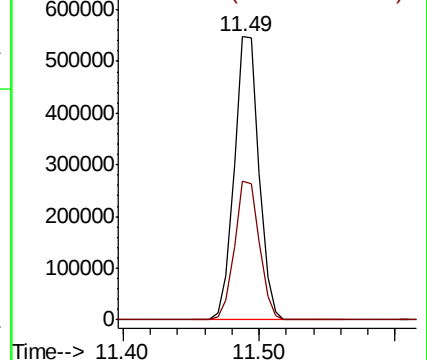
105 100

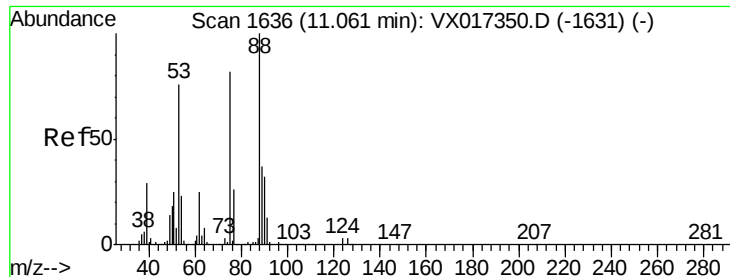
120 49.3 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 24.284 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

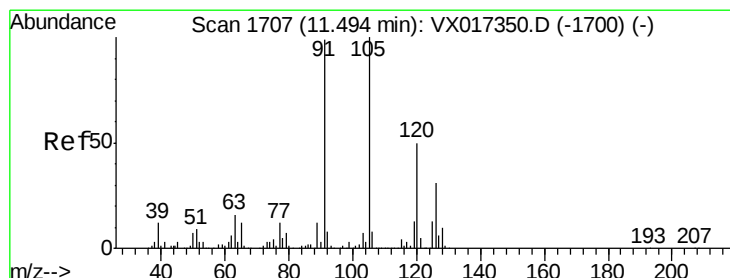
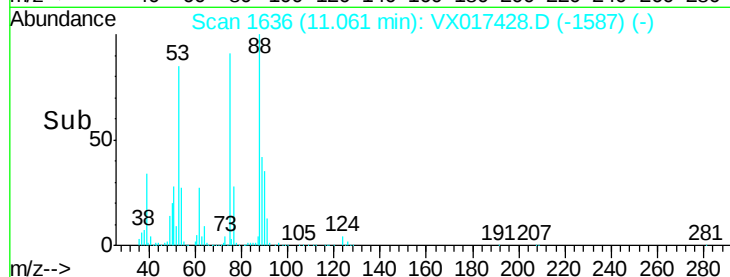
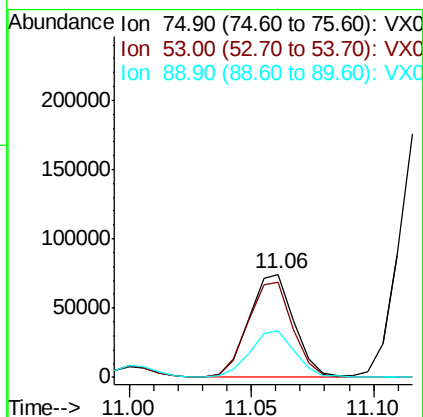
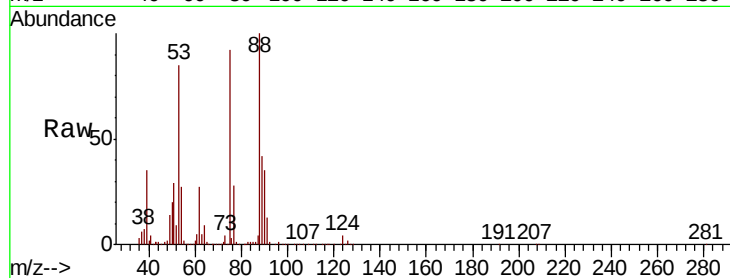
Tot Ion: 75 Resp: 94204

Ion Ratio Lower Upper

75 100

53 93.0 76.5 114.7

89 46.2 38.1 57.1



#82

4-Chlorotoluene

Concen: 24.456 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017428.D

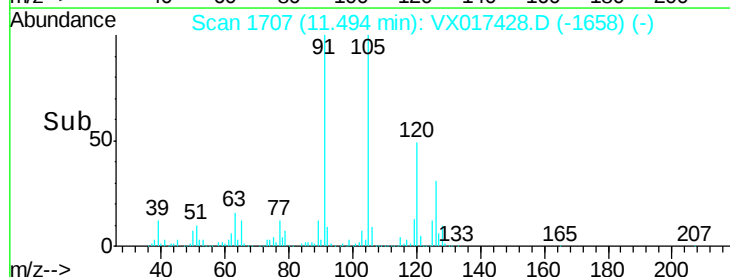
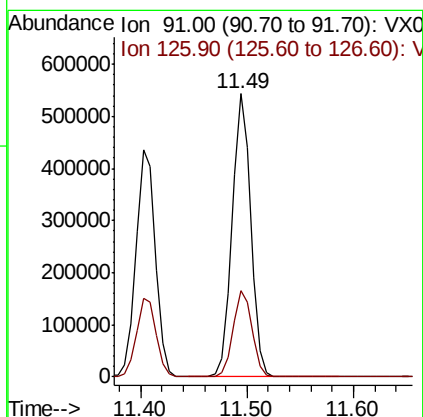
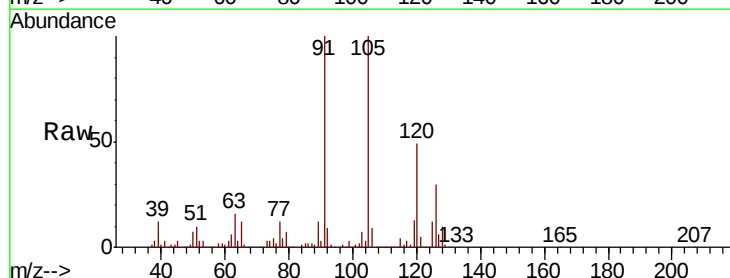
Acq: 17 Jul 2020 18:27

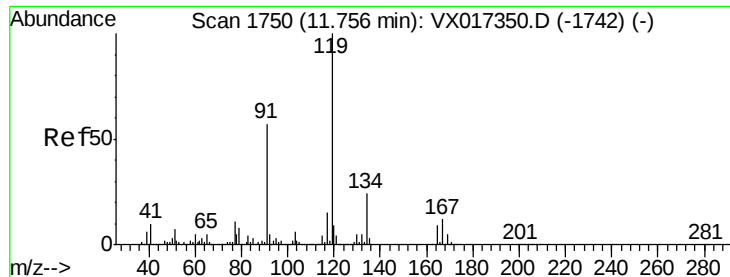
Tgt Ion: 91 Resp: 669665

Ion Ratio Lower Upper

91 100

126 30.9 15.4 46.2





#83

tert-Butylbenzene

Concen: 24.593 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

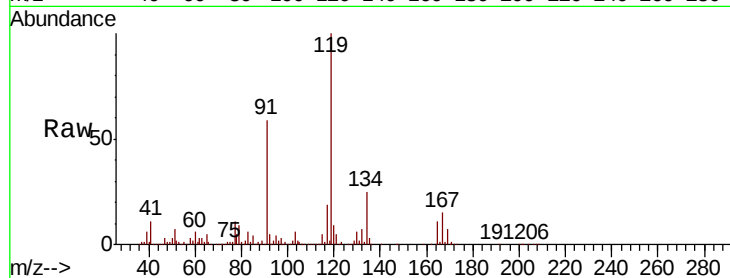
Tot Ion:119 Resp: 673707

Ion Ratio Lower Upper

119 100

91 56.2 28.5 85.6

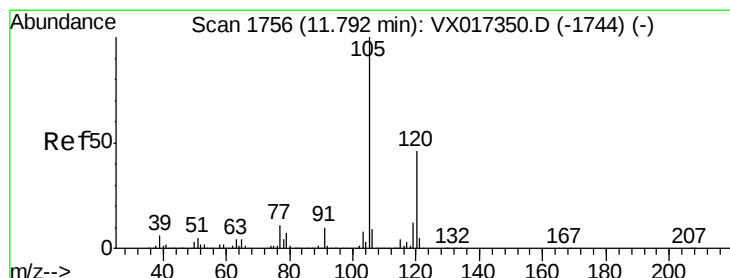
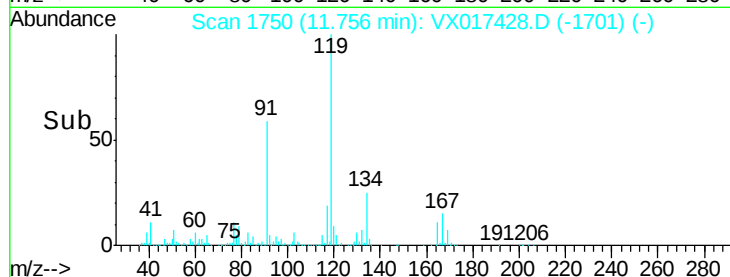
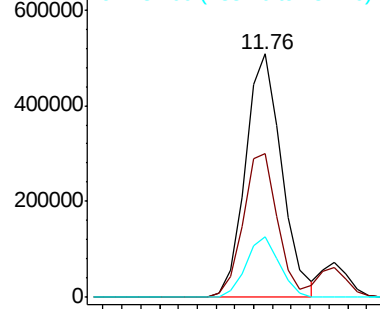
134 23.3 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 24.524 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX017428.D

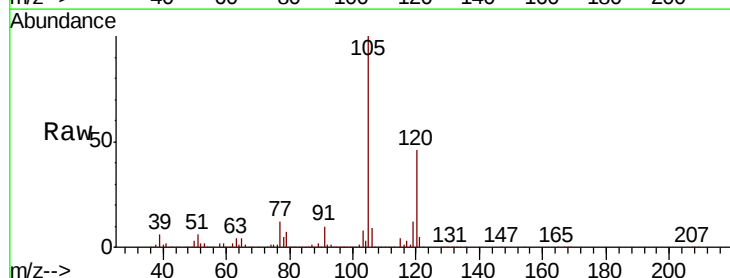
Acq: 17 Jul 2020 18:27

Tgt Ion:105 Resp: 702098

Ion Ratio Lower Upper

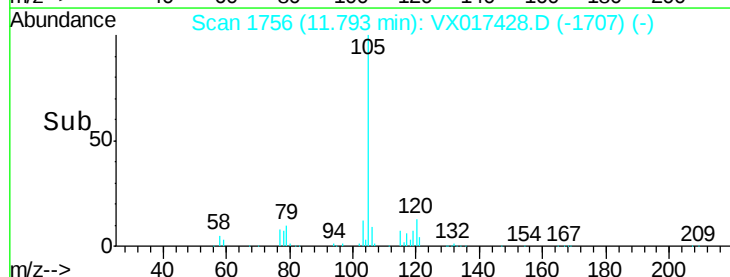
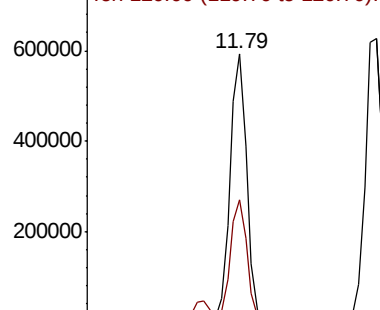
105 100

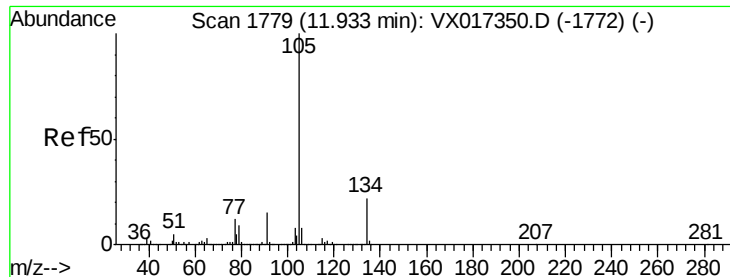
120 45.6 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 24.422 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

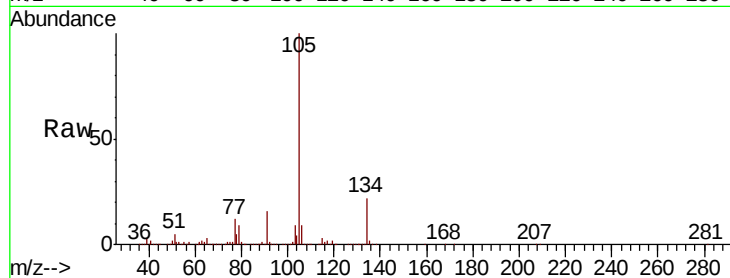
ClientSampleId :

Tot Ion:105 Resp: 783253

Ion Ratio Lower Upper

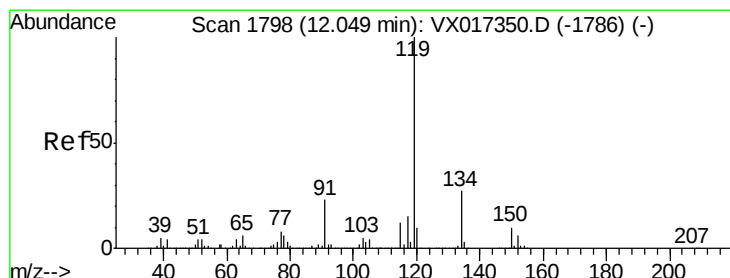
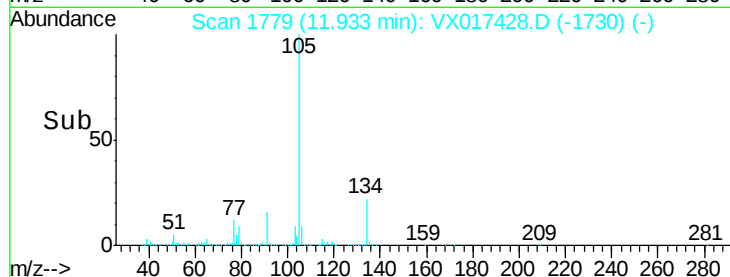
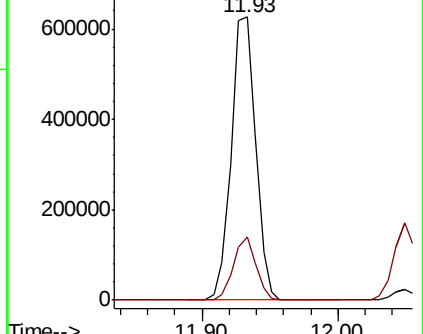
105 100

134 20.8 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 24.434 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

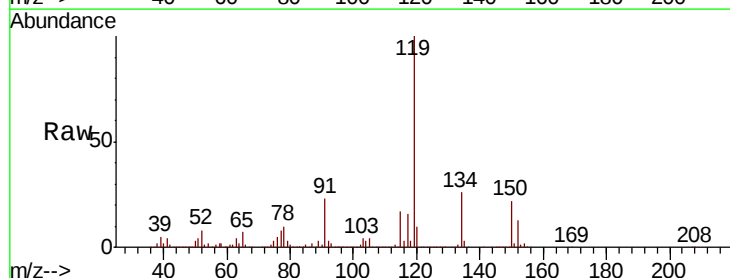
Tgt Ion:119 Resp: 741493

Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.5

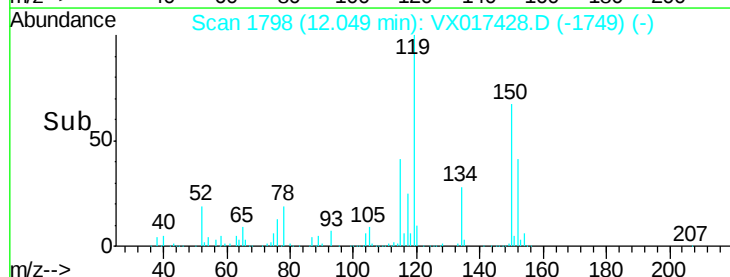
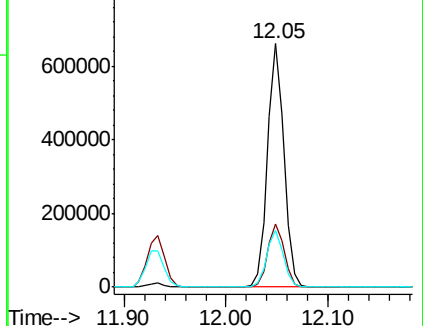
91 23.7 11.8 35.3

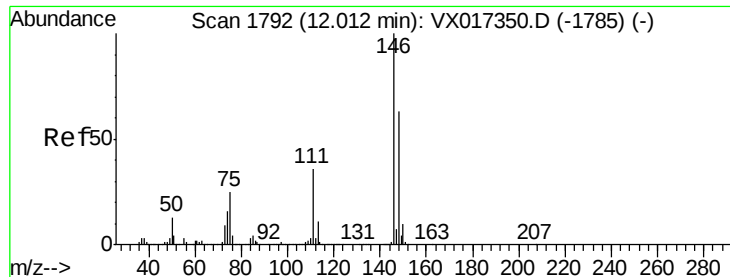


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 22.803 ug/l

RT: 12.01 min Scan# 1792

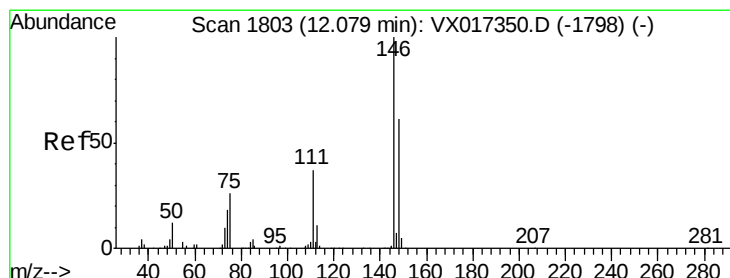
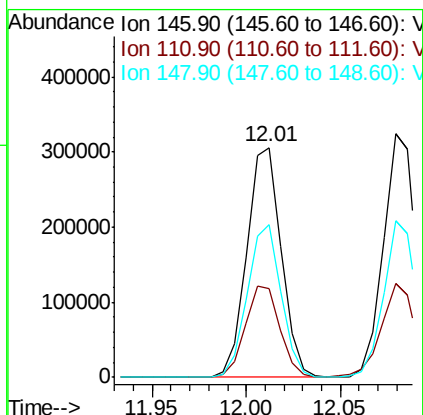
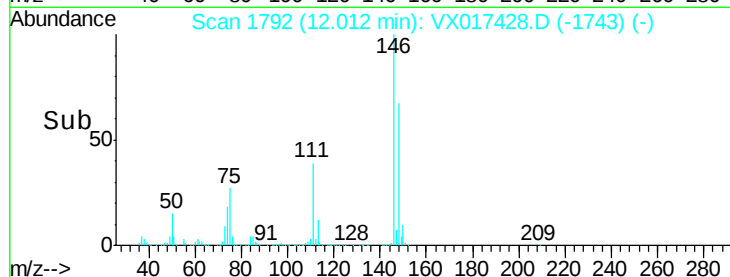
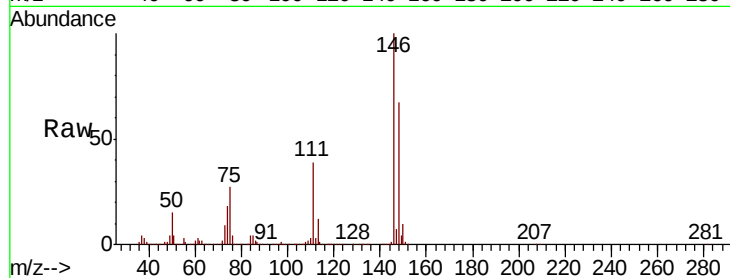
Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.2	57.6
148	65.1	31.6	95.0



#88

1,4-Dichlorobenzene

Concen: 22.955 ug/l

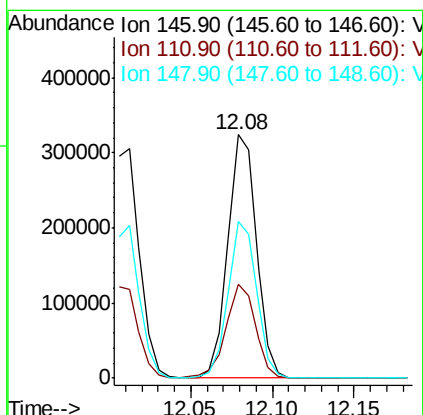
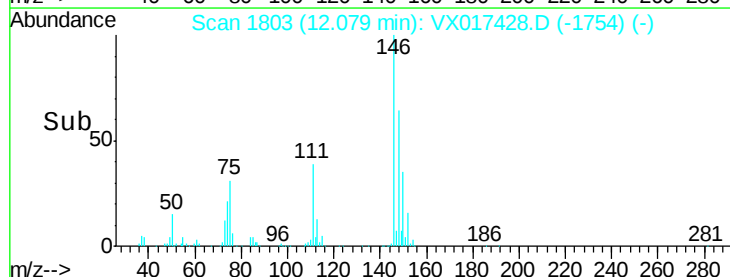
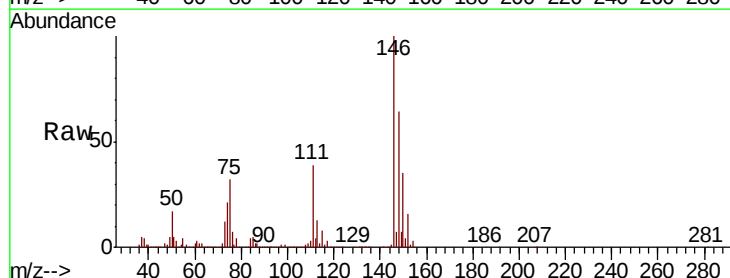
RT: 12.08 min Scan# 1803

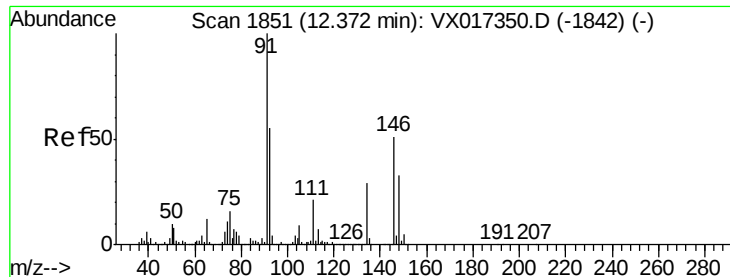
Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	18.9	56.9
148	64.2	31.9	95.9





#89

n-Butylbenzene

Concen: 24.694 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

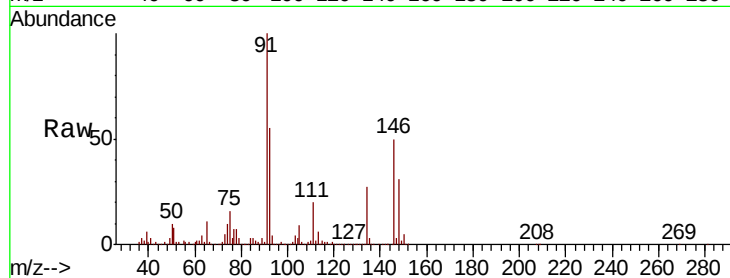
Tot Ion: 91 Resp: 639091

Ion Ratio Lower Upper

91 100

92 54.2 27.0 81.0

134 26.7 14.1 42.2



Abundance Ion 91.00 (90.70 to 91.70): VX017350.D (-1842) (-)

Ion 92.00 (91.70 to 92.70): VX017350.D (-1842) (-)

Ion 134.00 (133.70 to 134.70): VX017350.D (-1842) (-)

12.37

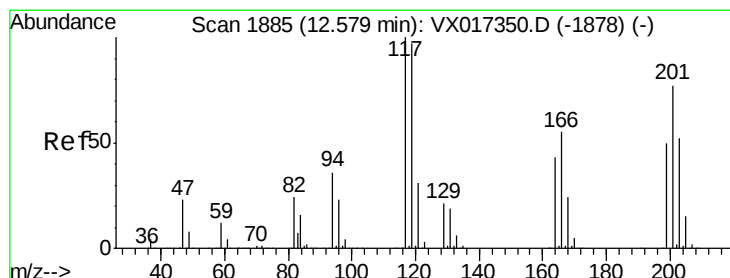
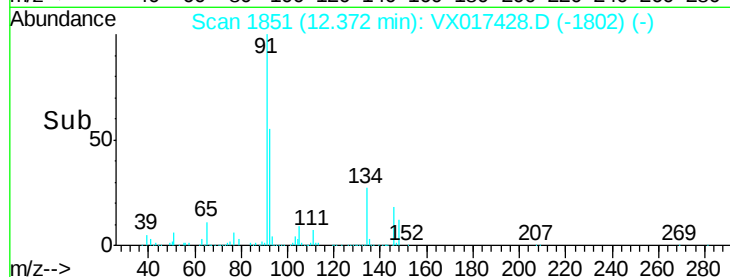
600000

400000

200000

0

Time-->



#90

Hexachloroethane

Concen: 24.668 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX017428.D

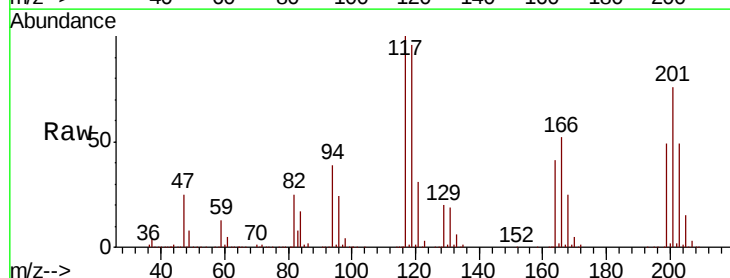
Acq: 17 Jul 2020 18:27

Tgt Ion: 117 Resp: 142117

Ion Ratio Lower Upper

117 100

201 76.5 41.0 123.0



Abundance Ion 116.80 (116.50 to 117.50): VX017350.D (-1878) (-)

Ion 200.70 (200.40 to 201.40): VX017350.D (-1878) (-)

12.58

120000

100000

80000

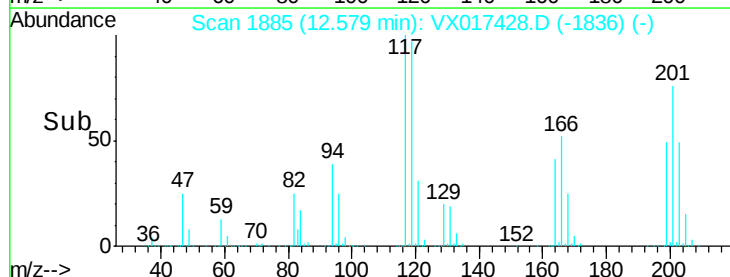
60000

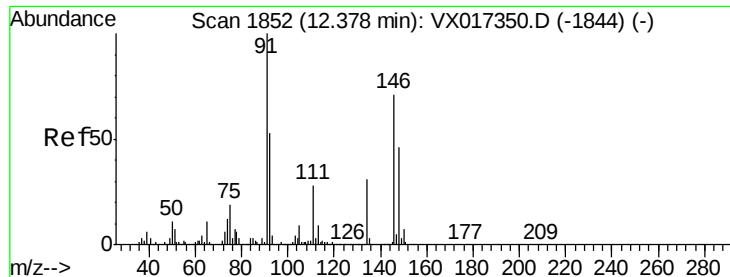
40000

20000

0

Time-->





#91

1,2-Dichlorobenzene

Concen: 23.445 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

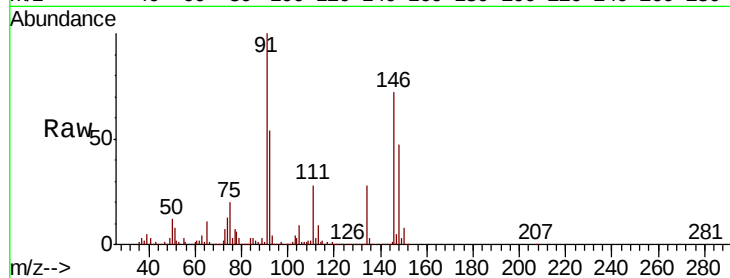
Tot Ion:146 Resp: 374747

Ion Ratio Lower Upper

146 100

111 40.4 20.3 61.0

148 64.2 32.0 96.0



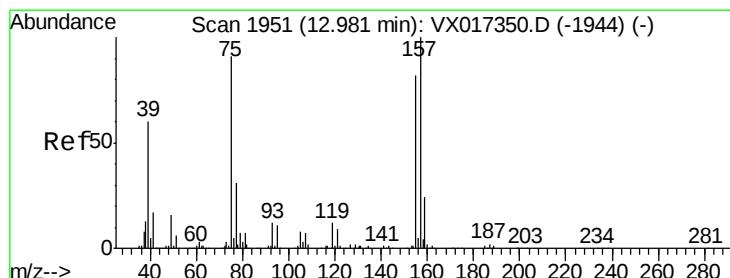
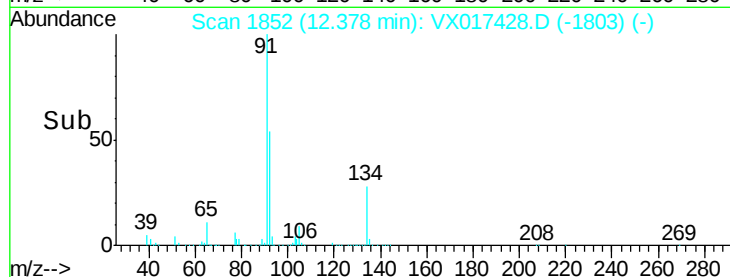
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

12.38

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.336 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

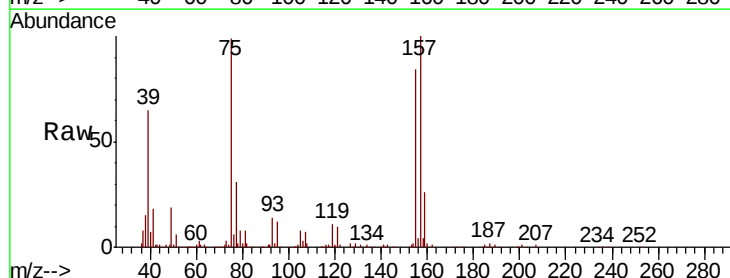
Tgt Ion: 75 Resp: 59740

Ion Ratio Lower Upper

75 100

155 88.2 46.5 139.3

157 110.0 58.0 173.9



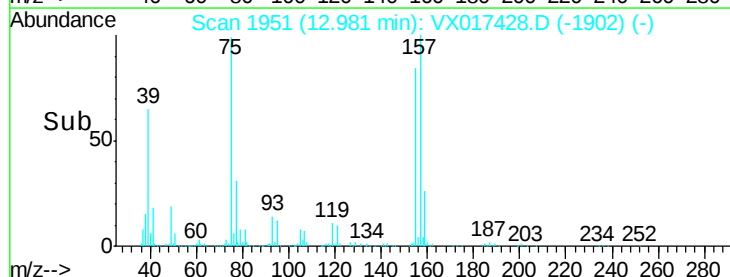
Abundance Ion 74.90 (74.60 to 75.60): VX0

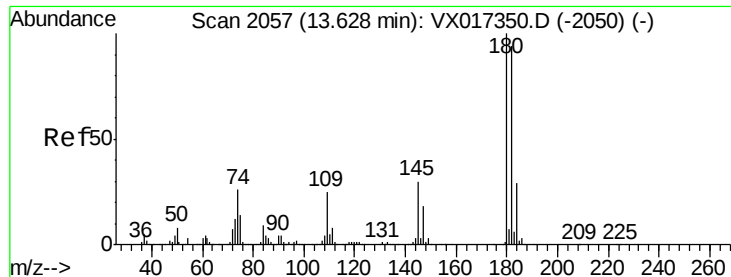
Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

12.98

Time-->





#93

1,2,4-Trichlorobenzene

Concen: 22.070 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampled :

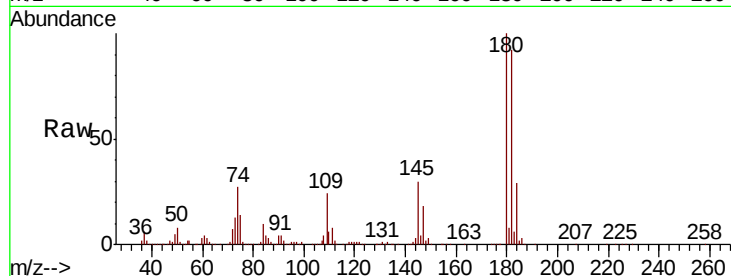
Tot Ion:180 Resp: 244882

Ion Ratio Lower Upper

180 100

182 94.1 48.4 145.0

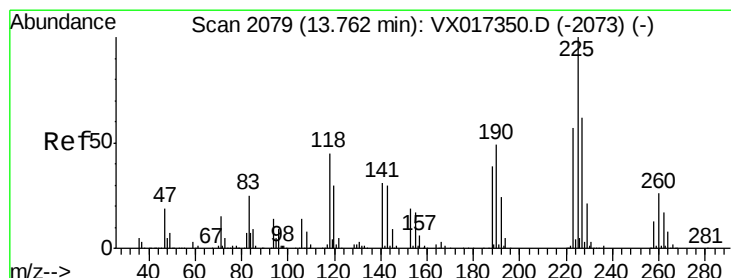
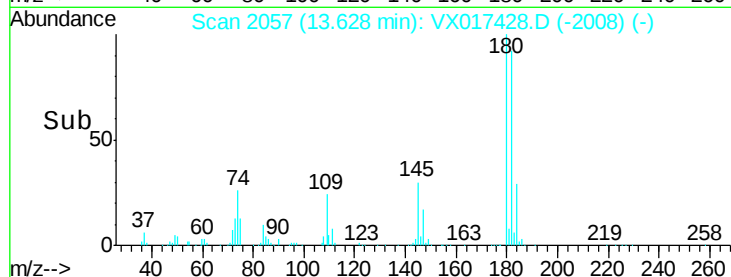
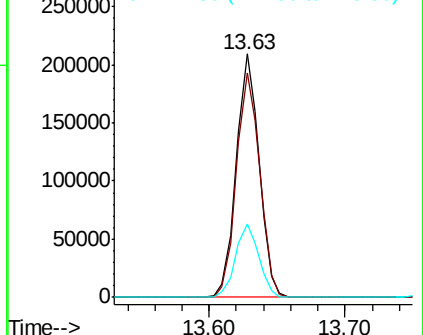
145 30.7 15.3 45.8



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: 22.452 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

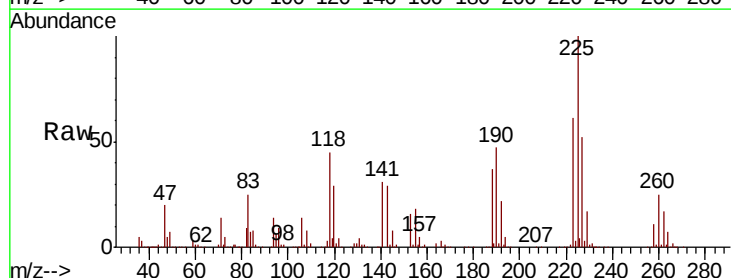
Tgt Ion:225 Resp: 101597

Ion Ratio Lower Upper

225 100

223 59.9 31.3 93.8

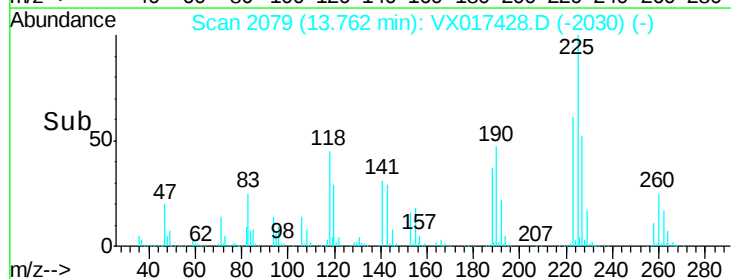
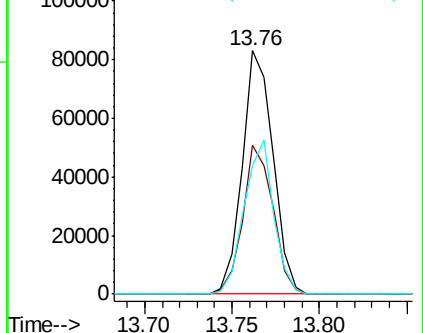
227 60.6 31.6 95.0

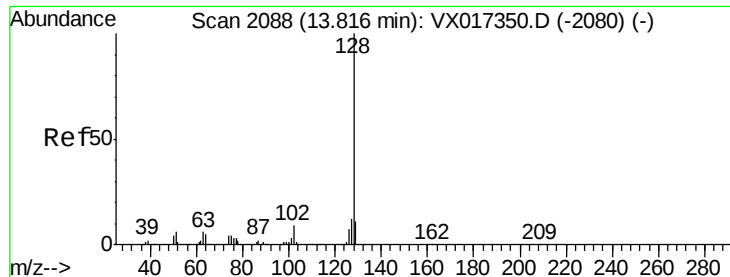


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 24.387 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

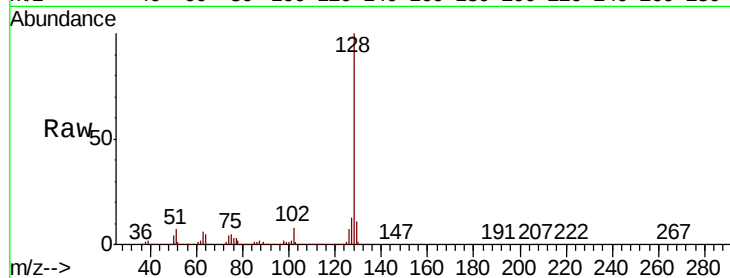
Tot Ion:128 Resp: 795619

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

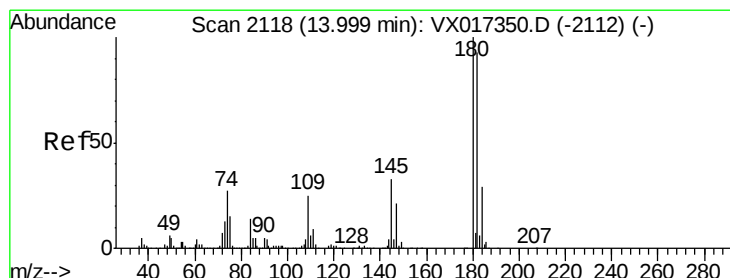
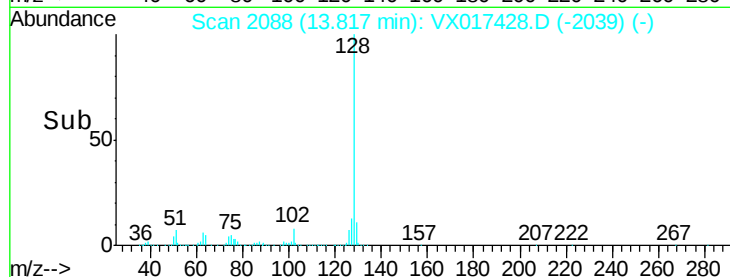
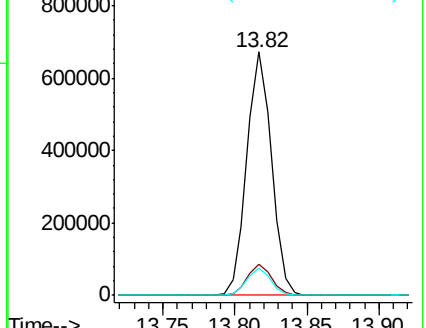
129 10.9 8.9 13.3



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



#96

1,2,3-Trichlorobenzene

Concen: 22.573 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX017428.D

Acq: 17 Jul 2020 18:27

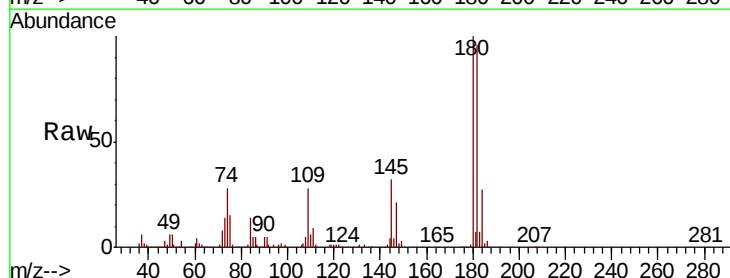
Tgt Ion:180 Resp: 241942

Ion Ratio Lower Upper

180 100

182 97.1 48.8 146.3

145 32.3 16.6 49.7



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

