

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071020\
 Data File : VX017328.D
 Acq On : 10 Jul 2020 12:15
 Operator : JC/SP
 Sample : L3216-09 2.5PPB MDL
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 11 00:52:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 09 12:25:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	63231	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	326463	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	315295	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	140357	30.88	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.93%
60) 4-Bromofluorobenzene	11.12	95	146133	27.17	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	90.57%
63) Toluene-d8	8.70	98	404903	30.36	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	7823	2.830	ug/l 97
3) Chloromethane	1.32	50	7345	2.494	ug/l 99
4) Vinyl Chloride	1.39	62	7444	2.453	ug/l 96
5) Bromomethane	1.63	94	6175	3.053	ug/l 87
6) Chloroethane	1.71	64	5142	2.563	ug/l 96
7) Trichlorofluoromethane	1.92	101	13578	2.519	ug/l 93
8) Diethyl Ether	2.17	74	4615	2.413	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	8087	2.744	ug/l 95
10) 1,1-Dichloroethene	2.36	96	7302	2.513	ug/l 95
11) Methyl Iodide	2.49	142	6114	1.787	ug/l 94
12) Methyl Acetate	2.75	43	10300	2.544	ug/l 94
13) Acrolein	2.28	56	5456	10.421	ug/l 88
14) Acrylonitrile	3.11	53	23559	12.897	ug/l 97
15) Acetone	2.42	58	5920	12.850	ug/l 96
16) Carbon Disulfide	2.55	76	17059	2.165	ug/l 98
17) Allyl chloride	2.71	41	13375	2.474	ug/l 96
18) Methylene Chloride	2.84	84	10358	2.894	ug/l 95
19) trans-1,2-Dichloroethene	3.14	96	8390	2.470	ug/l 94
20) Diisopropyl ether	3.82	45	26842	2.484	ug/l # 85
21) 1,1-Dichloroethane	3.67	63	16392	2.706	ug/l 97
22) cis-1,2-Dichloroethene	4.57	96	10152	2.619	ug/l 98
23) tert-Butyl Alcohol	3.01	59	9823	13.032	ug/l # 99
24) Methyl tert-Butyl Ether	3.17	73	27154	2.448	ug/l 99
25) Chloroform	5.18	83	17179	2.662	ug/l 91
26) Cyclohexane	5.55	56	10742	2.276	ug/l # 97
29) 1,1-Dichloropropene	5.76	75	11008	2.445	ug/l 96
30) 2-Butanone	4.64	43	30664	12.453	ug/l 98
32) 1,1,1-Trichloroethane	5.47	97	15883	2.710	ug/l # 83
33) Carbon Tetrachloride	5.76	117	13623	2.520	ug/l 98
34) Benzene	6.12	78	34374	2.566	ug/l 97
35) Methacrylonitrile	5.02	41	6958	2.524	ug/l 83
36) 1,2-Dichloroethane	6.16	62	13504	2.560	ug/l # 92
37) Trichloroethene	7.19	130	10154	2.520	ug/l 99
38) Methylcyclohexane	7.44	83	10813	2.279	ug/l 96
39) 1,2-Dichloropropane	7.49	63	8955	2.558	ug/l 99
40) Dibromomethane	7.65	93	6556	2.600	ug/l 99
41) Bromodichloromethane	7.88	83	13850	2.632	ug/l 93

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	3.79	43	105737	11.236	ug/l	100
43) Ethyl Acetate	4.81	43	12165	2.512	ug/l	100
44) Isopropyl Acetate	6.42	43	19661	2.440	ug/l	98
45) 1,4-Dioxane	7.72	88	3293	42.868	ug/l #	89
46) Methyl methacrylate	7.75	41	8558	2.180	ug/l	92
47) n-amyl Acetate	10.88	43	14224	1.993	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	13297	2.289	ug/l	100
49) cis-1,3-Dichloropropene	8.41	75	14891	2.449	ug/l	96
50) 1,1,2-Trichloroethane	9.20	97	9797	2.622	ug/l	98
51) Ethyl methacrylate	9.16	69	11681	2.146	ug/l	99
52) 1,3-Dichloropropane	9.35	76	14919	2.452	ug/l	95
53) Dibromochloromethane	9.57	129	10839	2.377	ug/l	95
54) 1,2-Dibromoethane	9.65	107	9768	2.445	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	34633	13.677	ug/l	99
56) Bromoform	10.84	173	8525	2.396	ug/l	96
58) 4-Methyl-2-Pentanone	8.62	43	58595	11.729	ug/l	98
59) 2-Hexanone	9.47	43	43394	11.394	ug/l	96
61) Tetrachloroethene	9.32	164	10747	2.676	ug/l	97
62) Toluene	8.76	91	36830	2.467	ug/l	98
64) Chlorobenzene	10.12	112	25569	2.568	ug/l	91
65) 1,1,1,2-Tetrachloroethane	10.20	131	10171	2.500	ug/l	97
66) Ethyl Benzene	10.24	91	37958	2.260	ug/l	97
67) m/p-Xylenes	10.34	106	28814	4.440	ug/l	98
68) o-Xylene	10.68	106	13051	2.116	ug/l	99
69) Styrene	10.70	104	22084	2.019	ug/l	98
70) Isopropylbenzene	11.00	105	36659	2.167	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	13191	2.487	ug/l	96
72) 1,2,3-Trichloropropane	11.28	75	16823	3.228	ug/l	92
73) Bromobenzene	11.24	156	11690	2.460	ug/l	97
74) n-propylbenzene	11.34	91	42633	2.176	ug/l	97
75) 2-Chlorotoluene	11.40	91	26599	2.227	ug/l	95
76) 1,3,5-Trimethylbenzene	11.49	105	30572	2.107	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	4121	2.074	ug/l	97
78) 4-Chlorotoluene	11.49	91	32780	2.315	ug/l	98
79) tert-butylbenzene	11.76	119	30735	2.183	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	29609	2.022	ug/l	100
81) sec-Butylbenzene	11.93	105	34014	2.096	ug/l	99
82) p-Isopropyltoluene	12.05	119	30011	1.955	ug/l	98
83) 1,3-Dichlorobenzene	12.01	146	19976	2.336	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	19295	2.230	ug/l	97
85) n-Butylbenzene	12.37	91	26233	2.023	ug/l	98
86) Hexachloroethane	12.58	117	6450	2.172	ug/l	98
87) 1,2-Dichlorobenzene	12.38	146	18748	2.292	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	3255	2.532	ug/l	95
89) 1,2,4-Trichlorobenzene	13.63	180	11796	2.127	ug/l	98
90) Hexachlorobutadiene	13.77	225	5916	2.659	ug/l	94
91) Naphthalene	13.82	128	31481	1.851	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	10993	1.993	ug/l	95

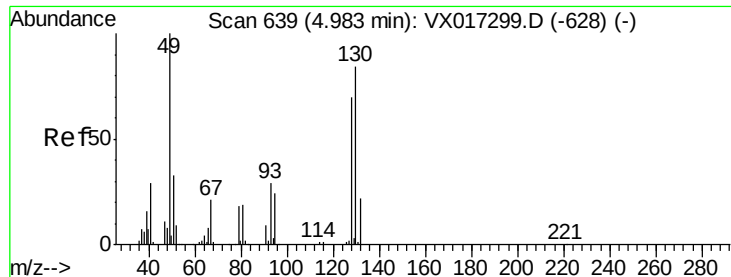
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071020\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

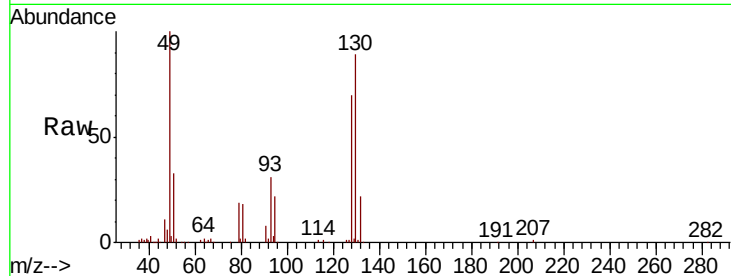


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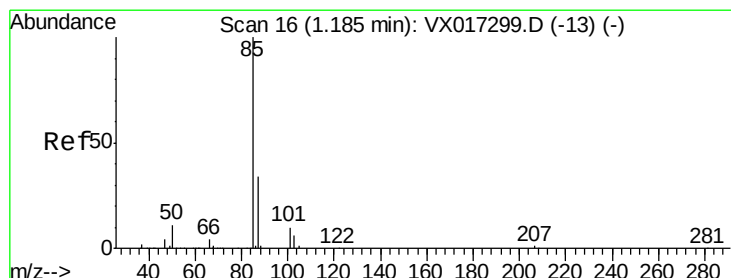
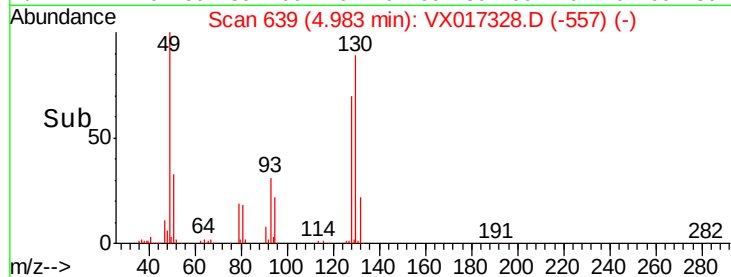
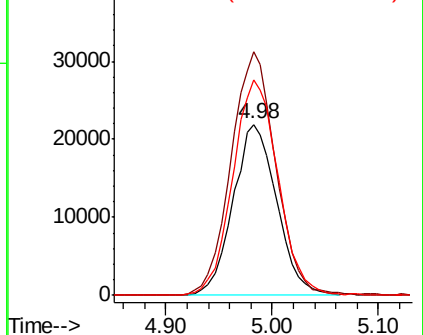
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX017328.D
 Acq: 10 Jul 2020 12:15

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:128 Resp: 63231
 Ion Ratio Lower Upper
 128 100
 49 145.6 0.0 358.8
 130 130.2 0.0 323.8



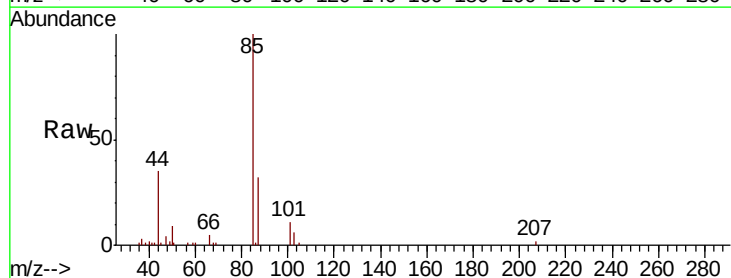
Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VX0
 Ion 130.00 (129.70 to 130.70): V



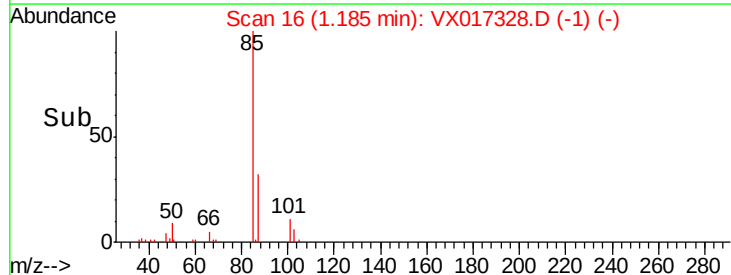
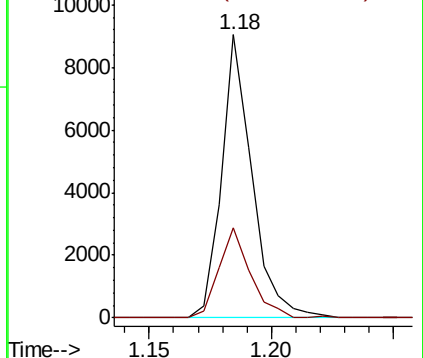
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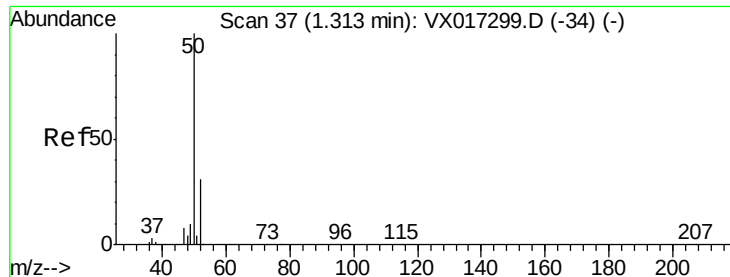
Dichlorodifluoromethane
 Concen: 2.830 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX017328.D
 Acq: 10 Jul 2020 12:15

Tgt Ion: 85 Resp: 7823
 Ion Ratio Lower Upper
 85 100
 87 31.8 16.9 50.6



Abundance Ion 85.00 (84.70 to 85.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 2.494 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

Instrument :

MSVOA_X

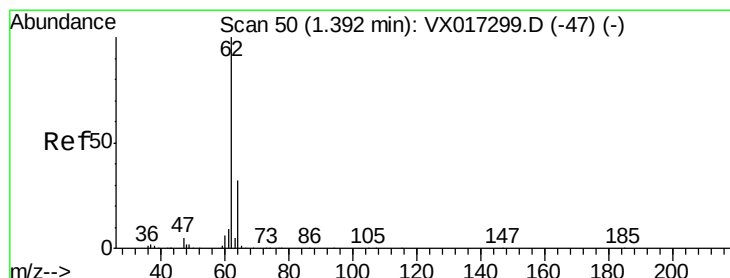
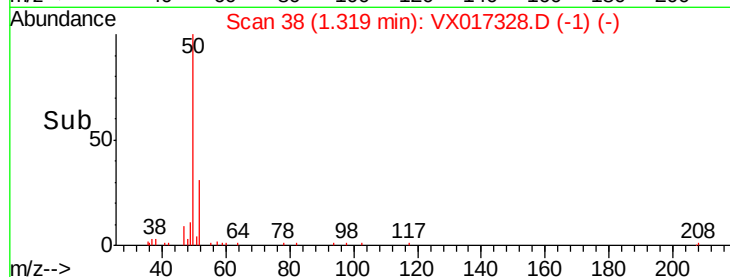
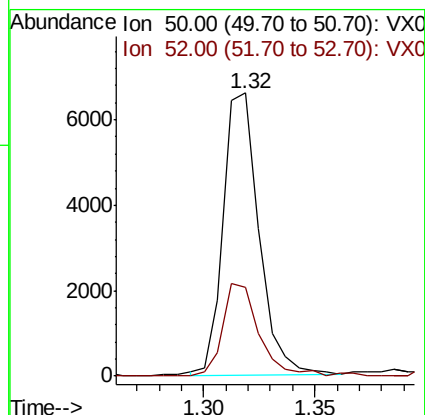
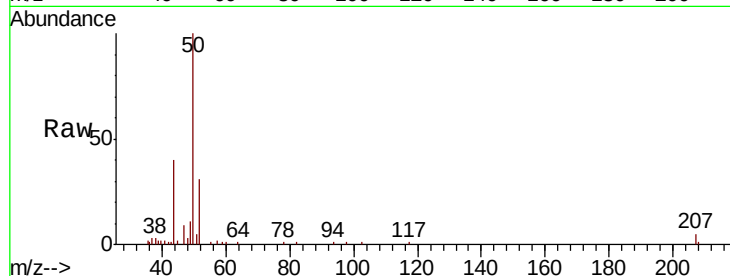
ClientSampleId :

Tot Ion: 50 Resp: 7345

Ion Ratio Lower Upper

50 100

52 31.6 24.8 37.2



#4

Vinyl Chloride

Concen: 2.453 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017328.D

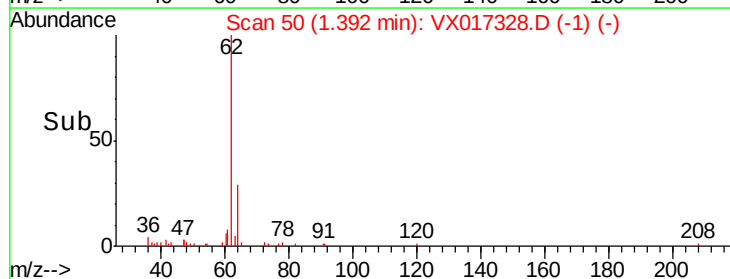
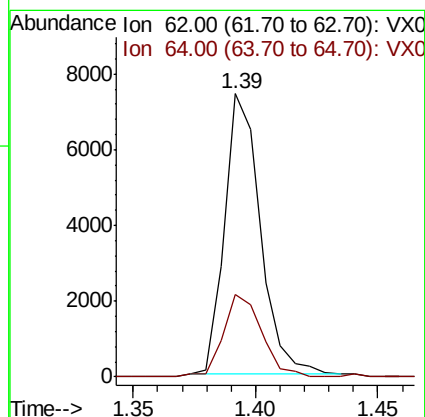
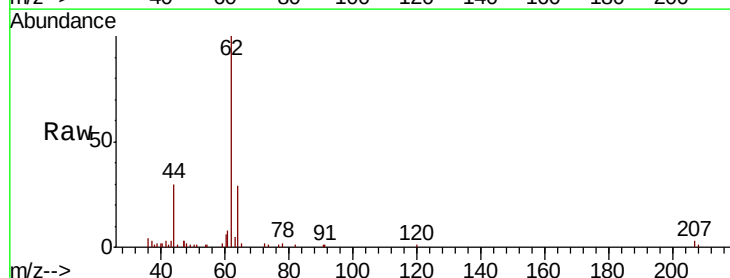
Acq: 10 Jul 2020 12:15

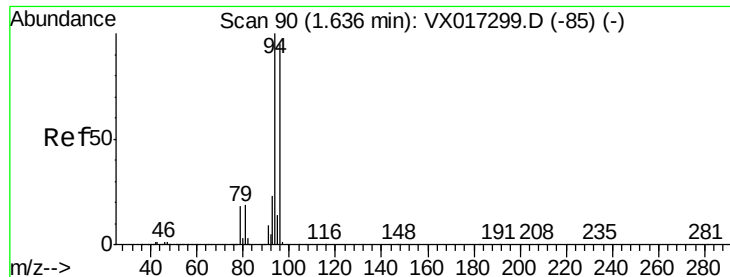
Tgt Ion: 62 Resp: 7444

Ion Ratio Lower Upper

62 100

64 29.3 25.3 37.9





#5

Bromomethane

Concen: 3.053 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

Instrument :

MSVOA_X

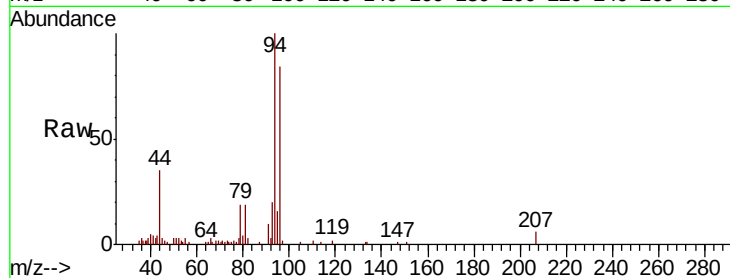
ClientSampled :

Tot Ion: 94 Resp: 6175

Ion Ratio Lower Upper

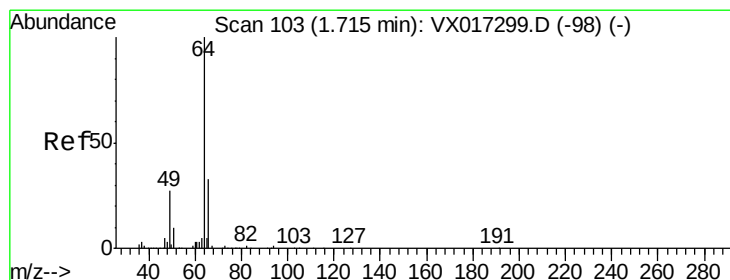
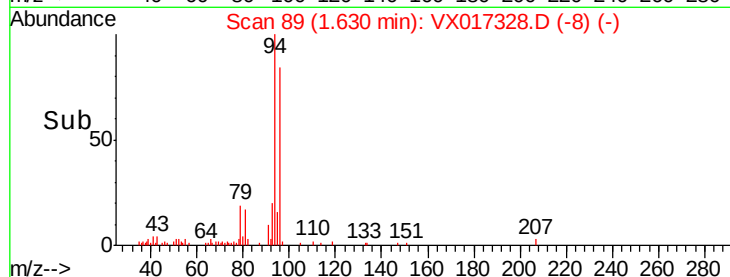
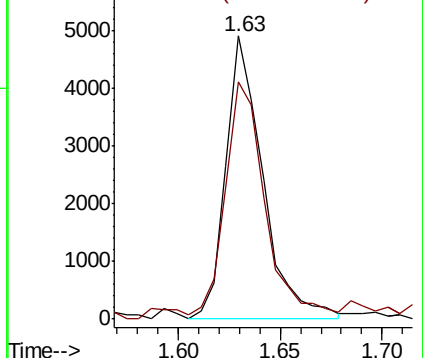
94 100

96 82.1 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 2.563 ug/l

RT: 1.71 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX017328.D

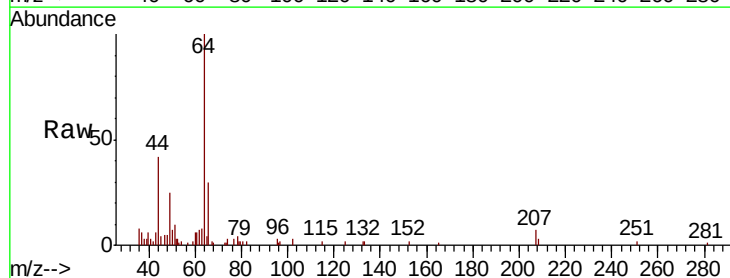
Acq: 10 Jul 2020 12:15

Tgt Ion: 64 Resp: 5142

Ion Ratio Lower Upper

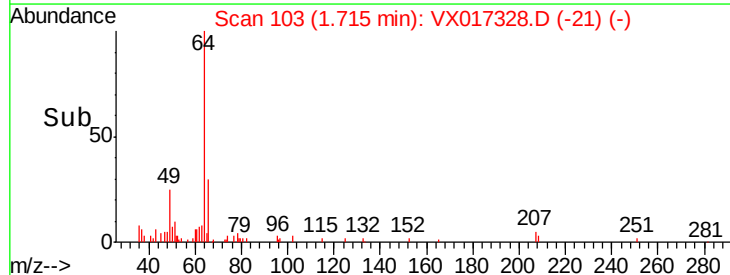
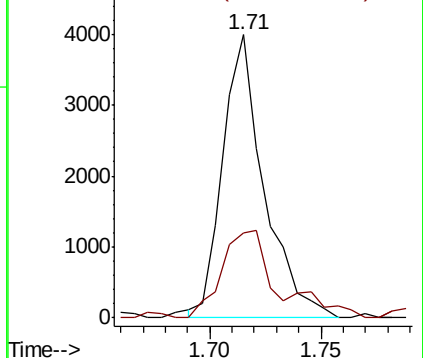
64 100

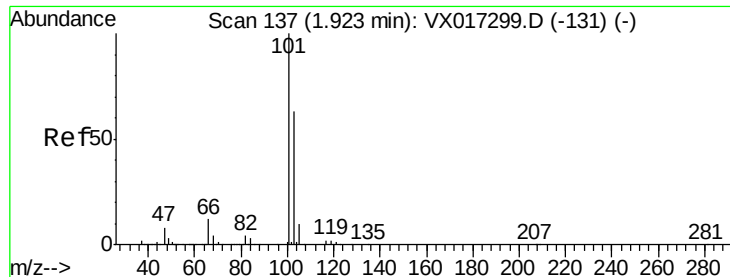
66 30.2 26.1 39.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



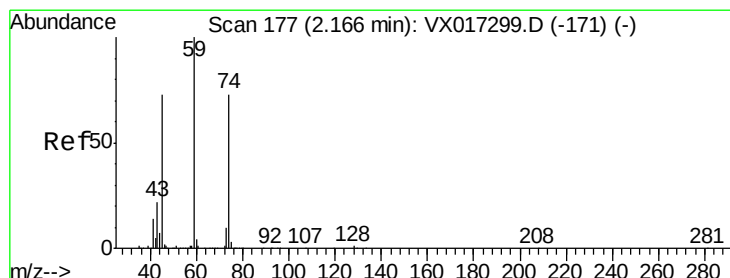
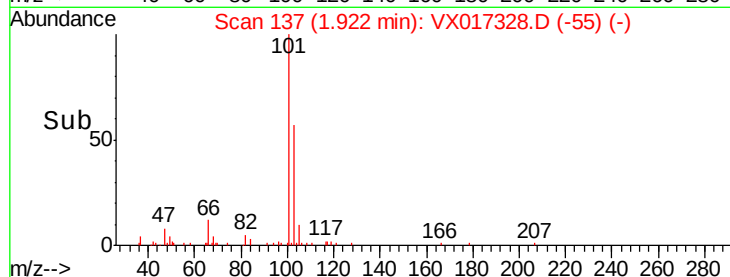
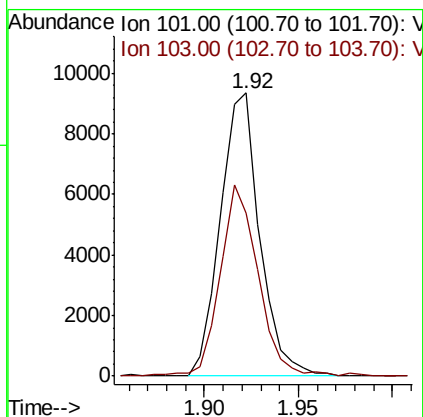
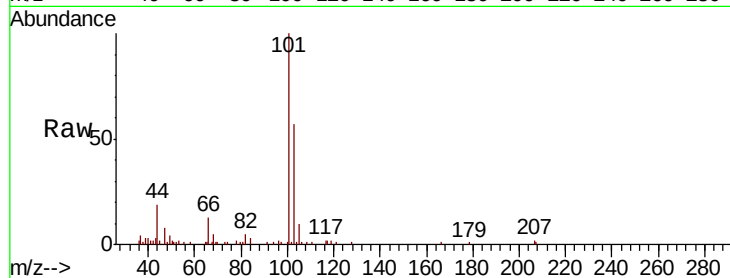


#7

Trichlorofluoromethane
Concen: 2.519 ug/l
RT: 1.92 min Scan# 137
Delta R.T. -0.00 min
Lab File: VX017328.D
Acq: 10 Jul 2020 12:15

Instrument :
MSVOA_X
ClientSampled :

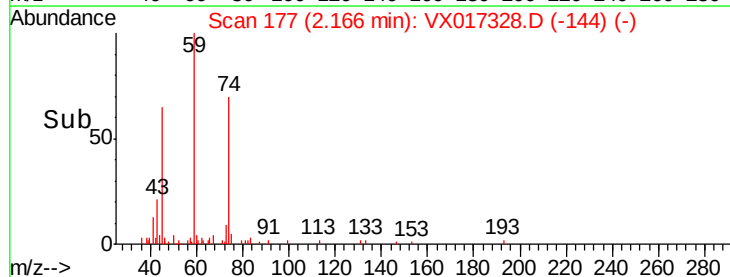
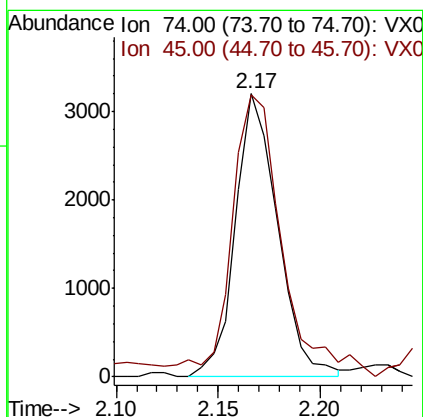
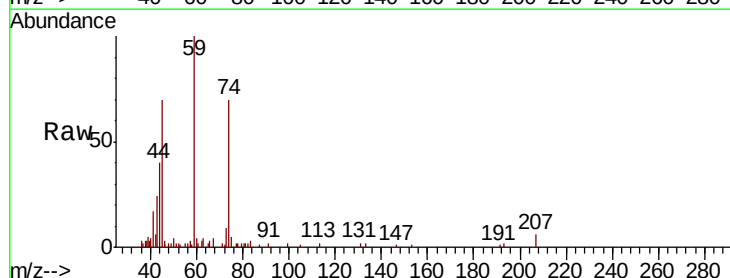
Tot Ion:101 Resp: 13578
Ion Ratio Lower Upper
101 100
103 57.4 50.1 75.1

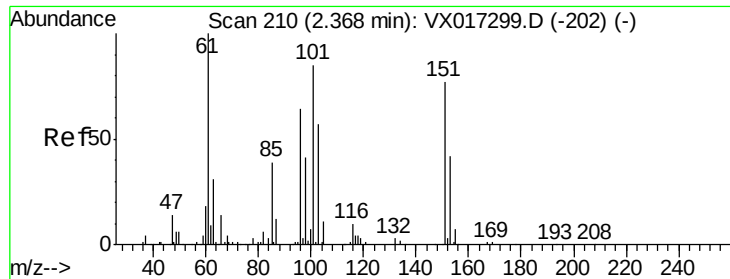


#8

Diethyl Ether
Concen: 2.413 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017328.D
Acq: 10 Jul 2020 12:15

Tgt Ion: 74 Resp: 4615
Ion Ratio Lower Upper
74 100
45 99.4 18.9 170.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.744 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

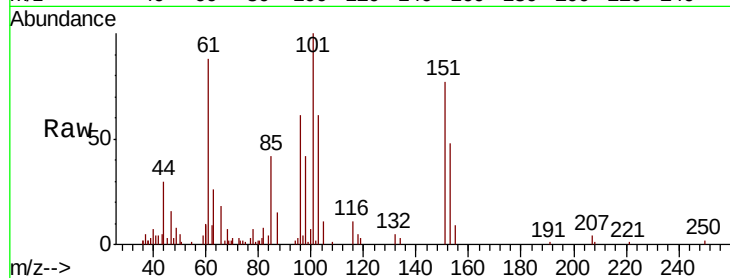
Tot Ion:101 Resp: 8087

Ion Ratio Lower Upper

101 100

85 49.1 0.0 87.8

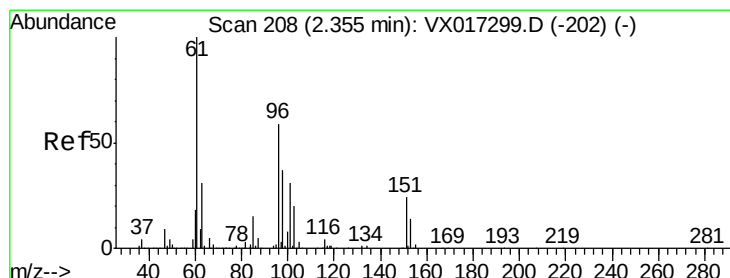
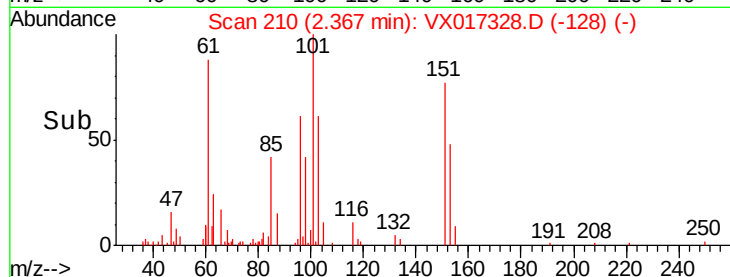
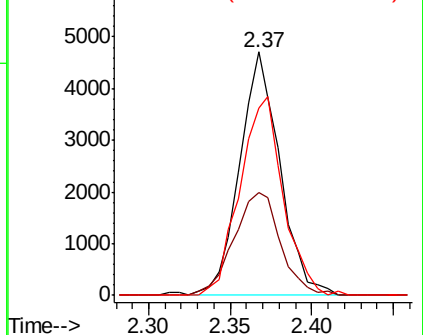
151 87.6 0.0 170.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 2.513 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

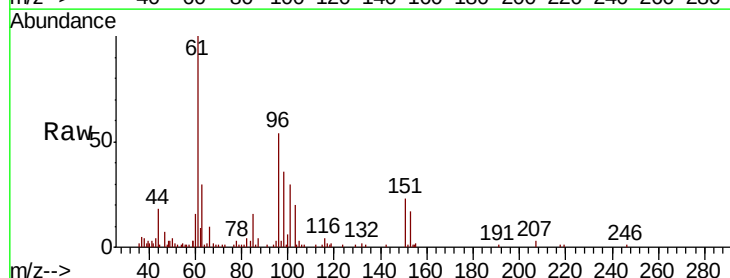
Tgt Ion: 96 Resp: 7302

Ion Ratio Lower Upper

96 100

61 181.5 137.0 205.4

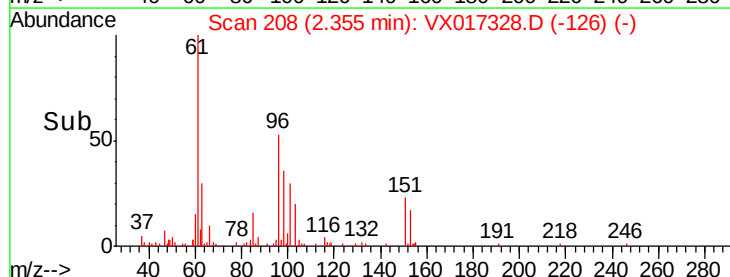
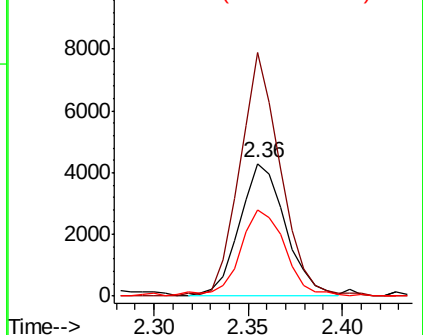
98 63.8 51.1 76.7

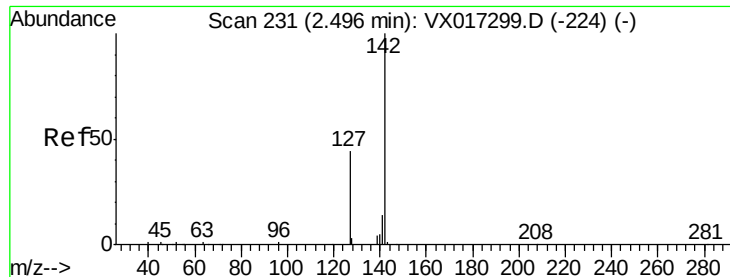


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

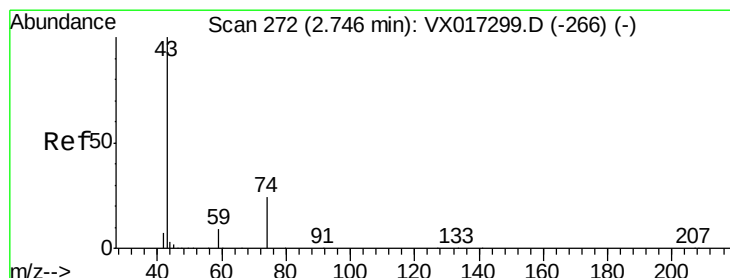
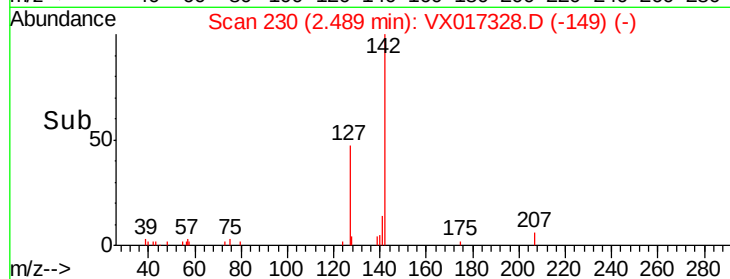
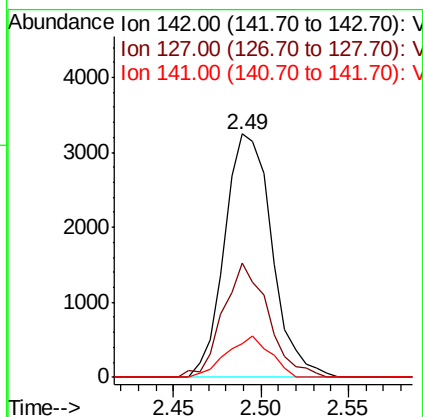
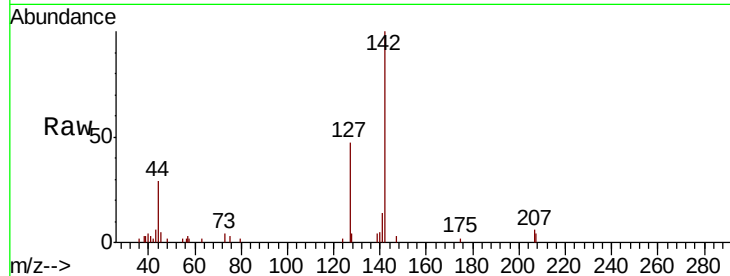




#11
Methvl Iodide
Concen: 1.787 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX017328.D
Acq: 10 Jul 2020 12:15

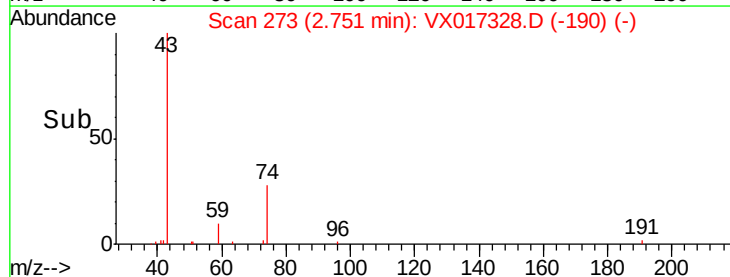
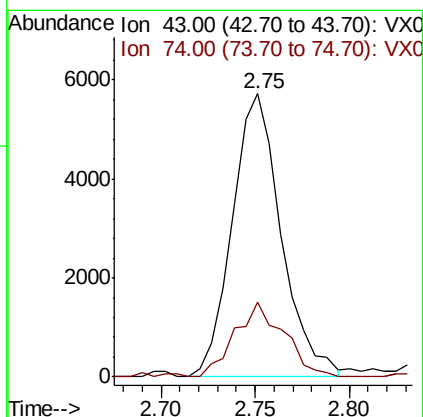
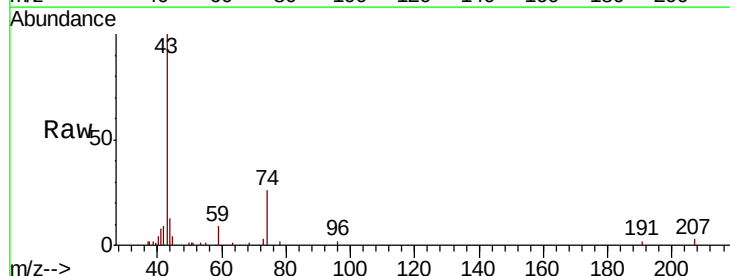
Instrument :
MSVOA_X
ClientSampleId :

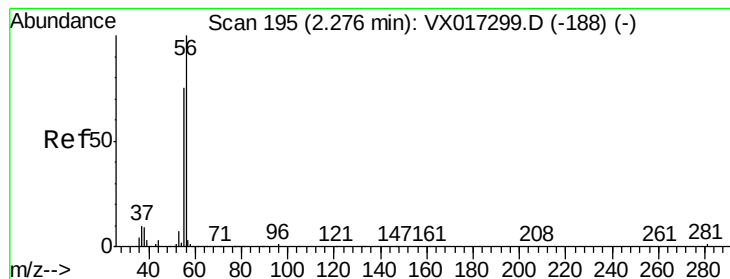
Tot Ion:142 Resp: 6114
Ion Ratio Lower Upper
142 100
127 49.1 21.9 65.7
141 13.7 7.0 21.1



#12
Methyl Acetate
Concen: 2.544 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017328.D
Acq: 10 Jul 2020 12:15

Tgt Ion: 43 Resp: 10300
Ion Ratio Lower Upper
43 100
74 26.5 18.8 28.2





#13

Acrolein

Concen: 10.421 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

Instrument :

MSVOA_X

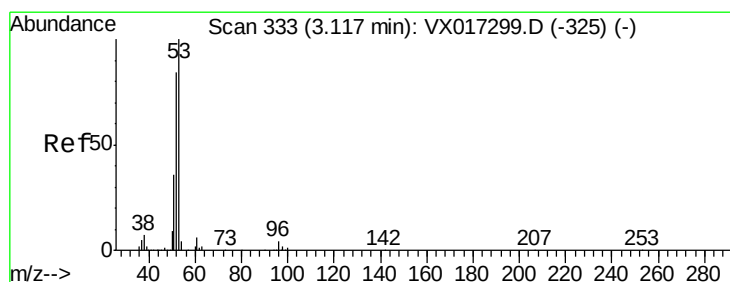
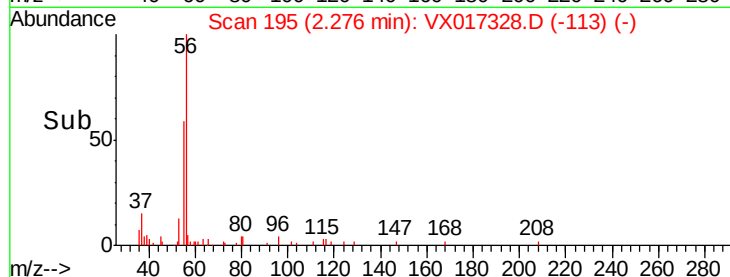
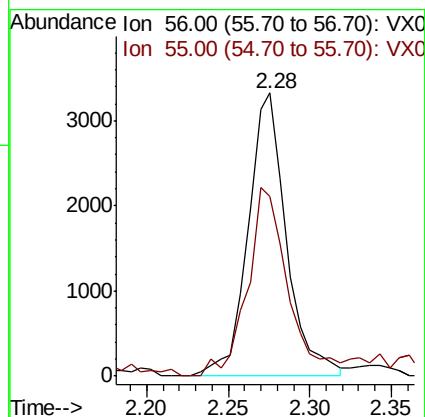
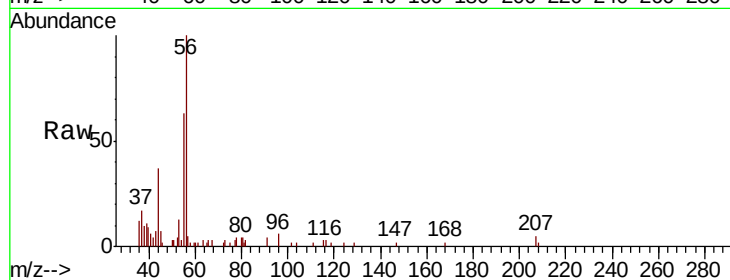
ClientSampleId :

Tot Ion: 56 Resp: 5456

Ion Ratio Lower Upper

56 100

55 63.3 58.5 87.7



#14

Acrylonitrile

Concen: 12.897 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

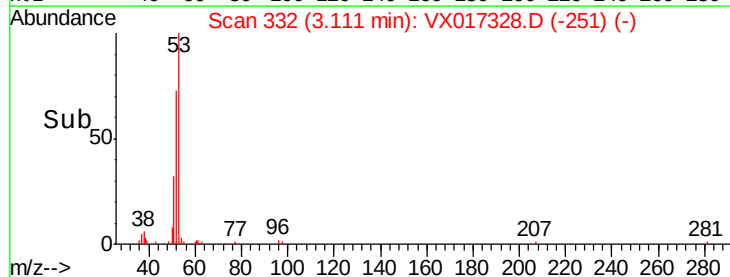
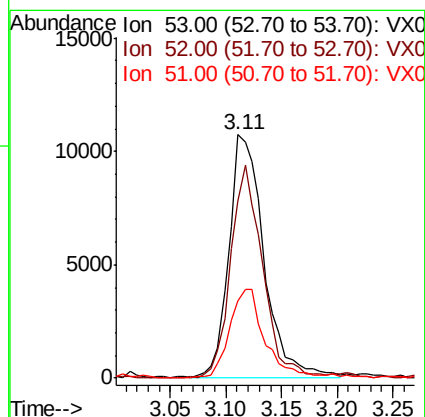
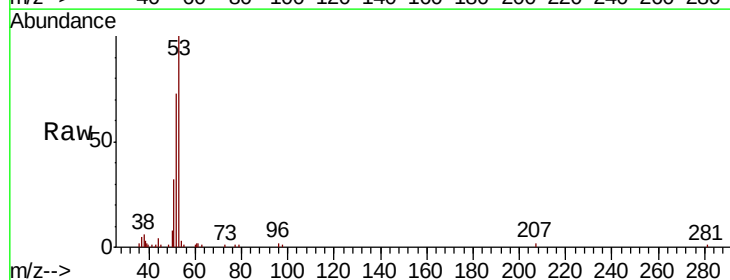
Tgt Ion: 53 Resp: 23559

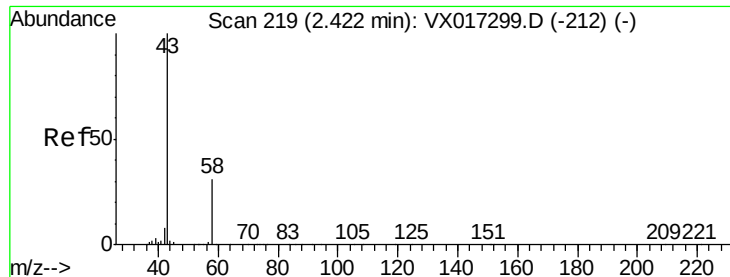
Ion Ratio Lower Upper

53 100

52 79.3 41.3 123.9

51 36.2 18.1 54.1





#15

Acetone

Concen: 12.850 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

Instrument :

MSVOA_X

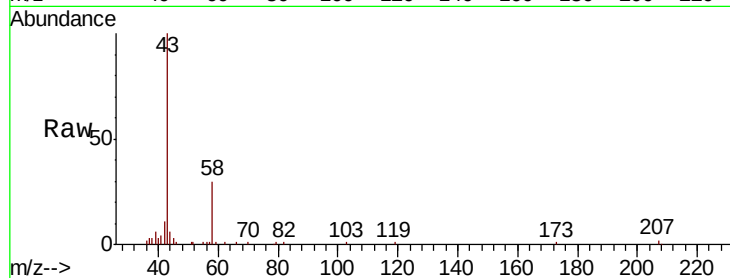
ClientSampleId :

Tot Ion: 58 Resp: 5920

Ion Ratio Lower Upper

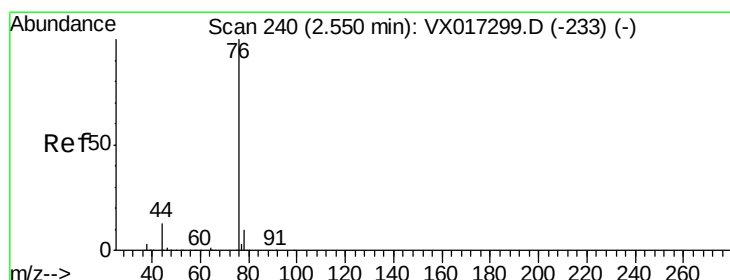
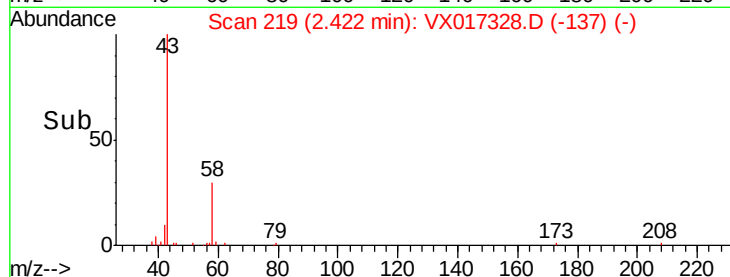
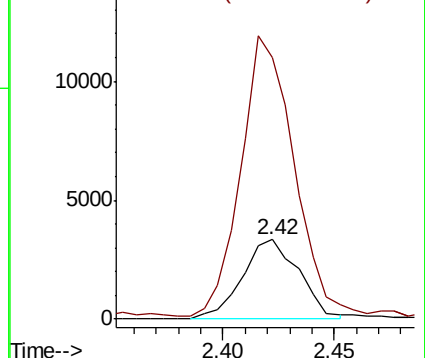
58 100

43 325.9 255.0 382.4



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 2.165 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017328.D

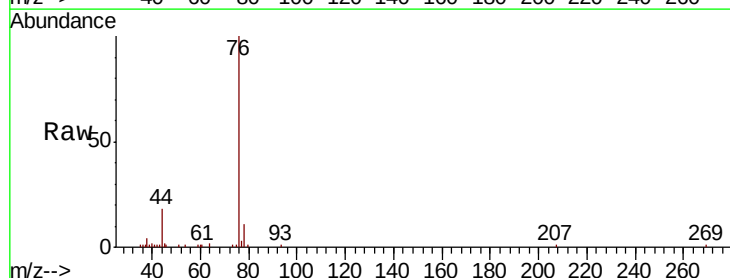
Acq: 10 Jul 2020 12:15

Tgt Ion: 76 Resp: 17059

Ion Ratio Lower Upper

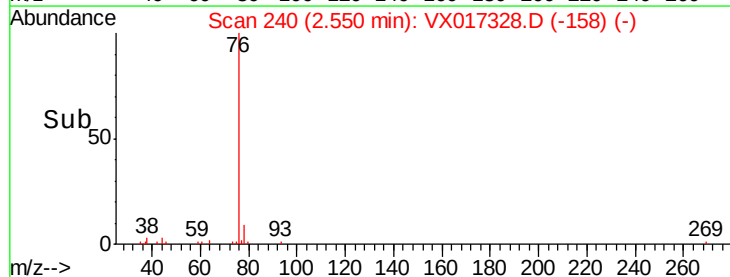
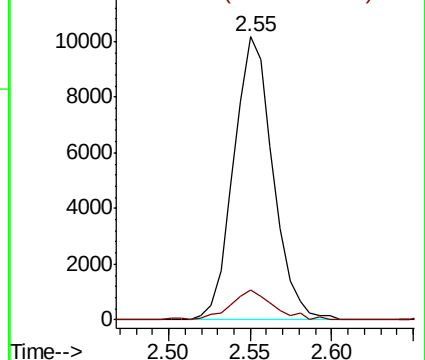
76 100

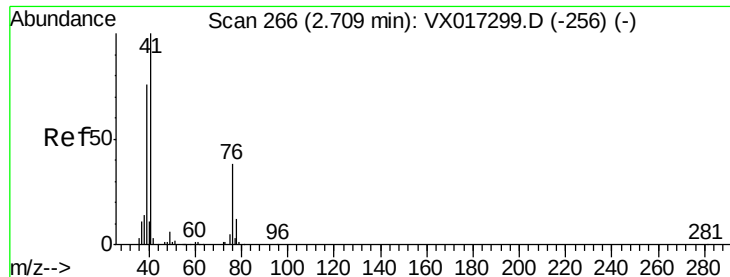
78 10.6 7.9 11.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

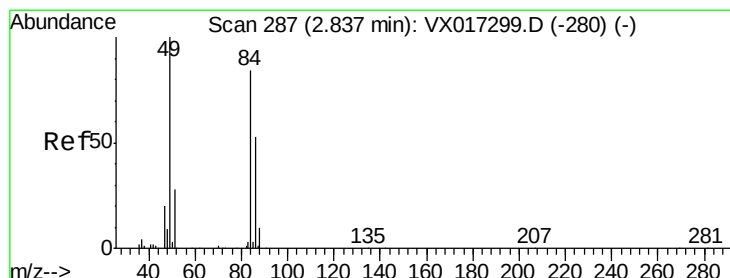
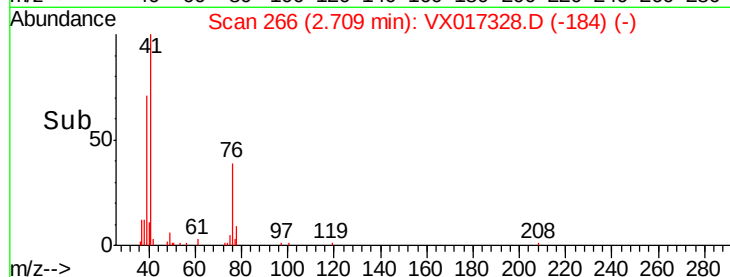
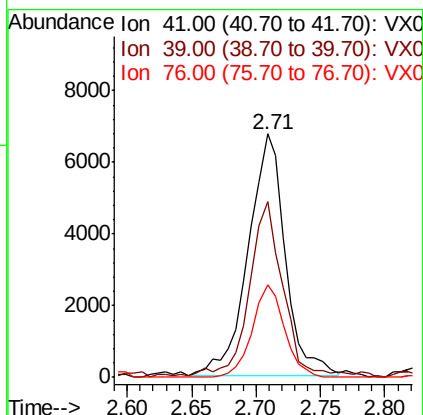
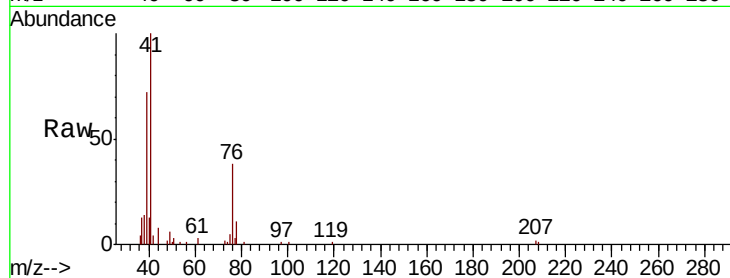




#17
Allvl chloride
Concen: 2.474 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017328.D
Acq: 10 Jul 2020 12:15

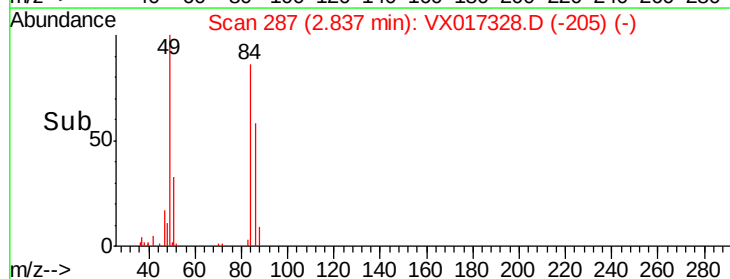
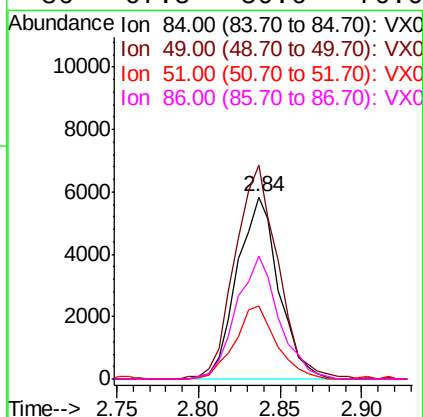
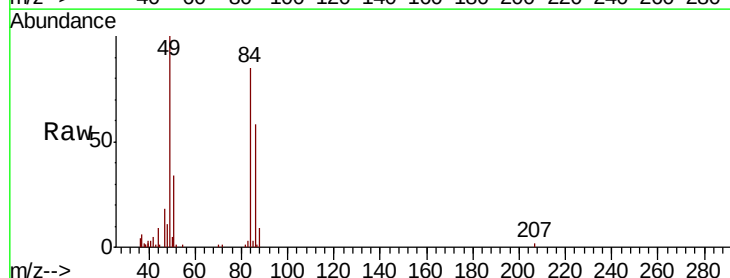
Instrument :
MSVOA_X
ClientSampleId :

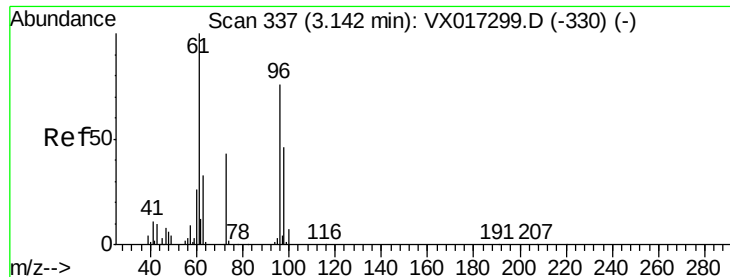
Tot Ion: 41 Resp: 13375
Ion Ratio Lower Upper
41 100
39 71.7 38.1 114.5
76 38.6 18.8 56.4



#18
Methylene Chloride
Concen: 2.894 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017328.D
Acq: 10 Jul 2020 12:15

Tgt Ion: 84 Resp: 10358
Ion Ratio Lower Upper
84 100
49 116.0 95.7 143.5
51 39.9 27.2 40.8
86 67.5 50.6 76.0





#19

trans-1,2-Dichloroethene

Concen: 2.470 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :

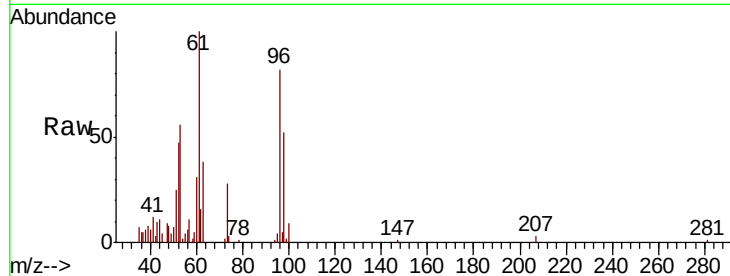
Tot Ion: 96 Resp: 8390

Ion Ratio Lower Upper

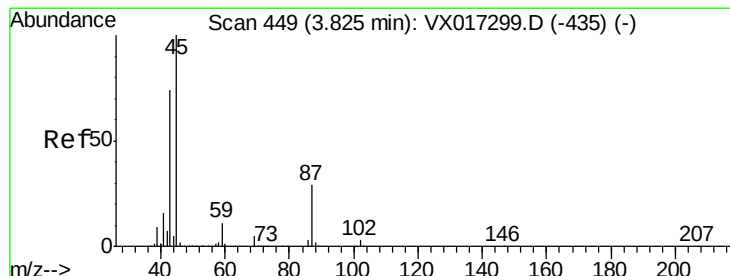
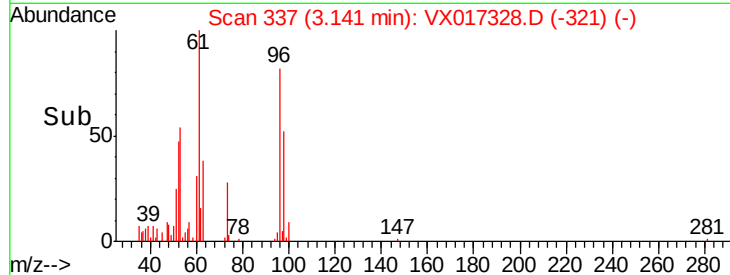
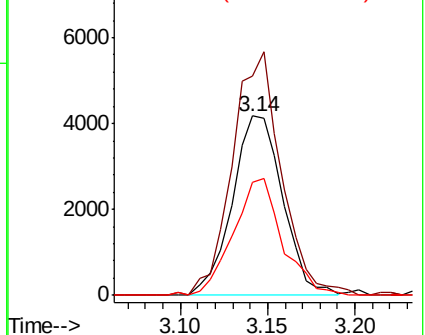
96 100

61 122.1 105.0 157.6

98 63.1 48.6 73.0



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 2.484 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

Tgt Ion: 45 Resp: 26842

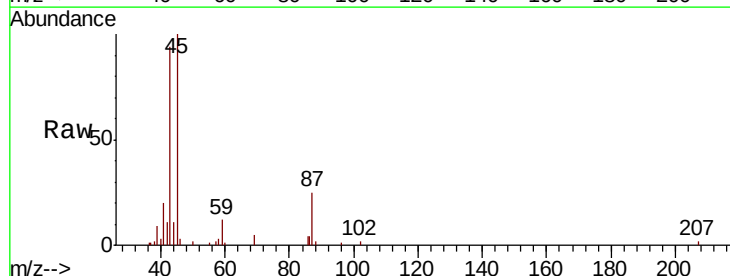
Ion Ratio Lower Upper

45 100

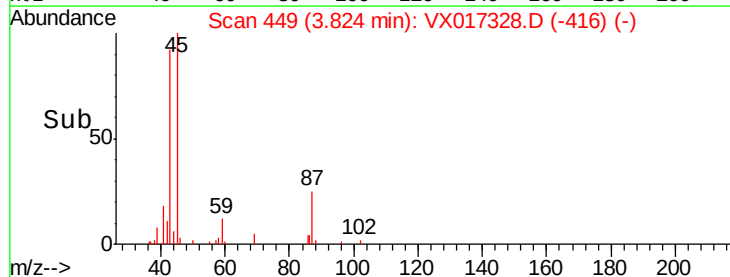
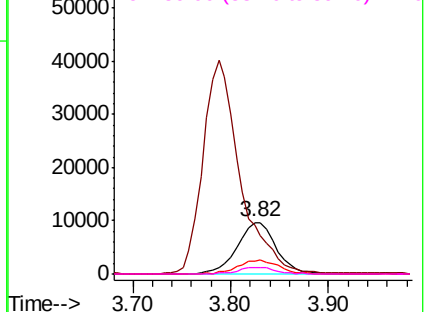
43 90.8 59.5 89.3#

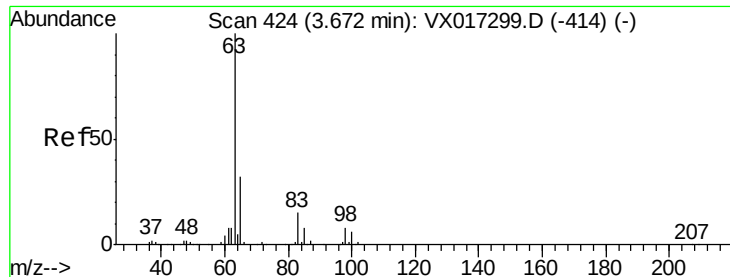
87 25.4 23.2 34.8

59 12.1 8.5 12.7



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





#21

1,1-Dichloroethane

Concen: 2.706 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

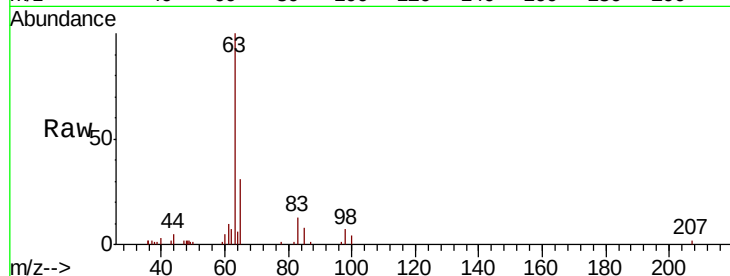
Tot Ion: 63 Resp: 16392

Ion Ratio Lower Upper

63 100

98 7.5 4.2 12.4

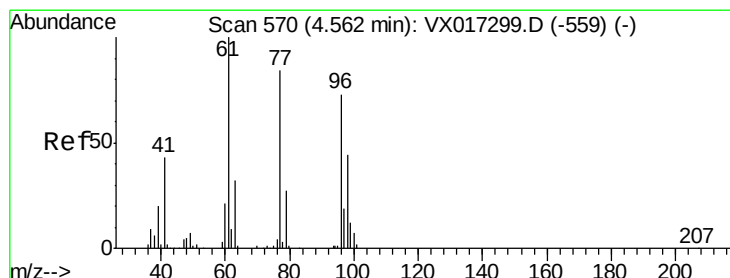
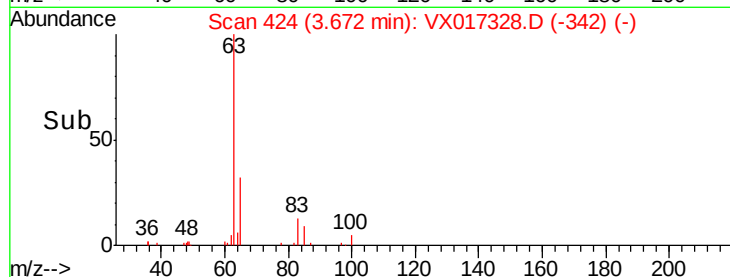
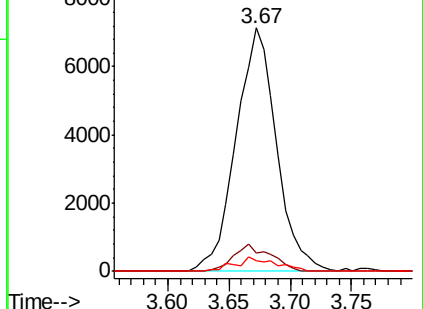
100 4.4 2.8 8.3



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 2.619 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

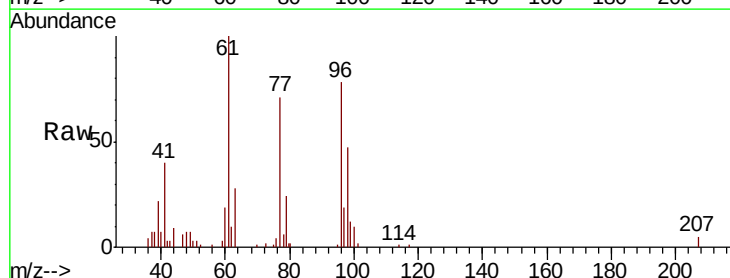
Tgt Ion: 96 Resp: 10152

Ion Ratio Lower Upper

96 100

61 141.9 111.7 167.5

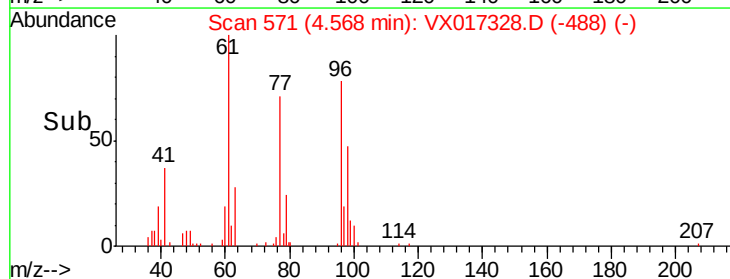
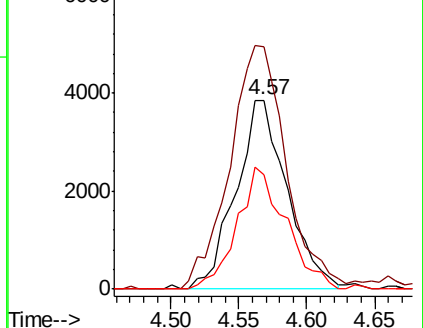
98 61.3 50.9 76.3

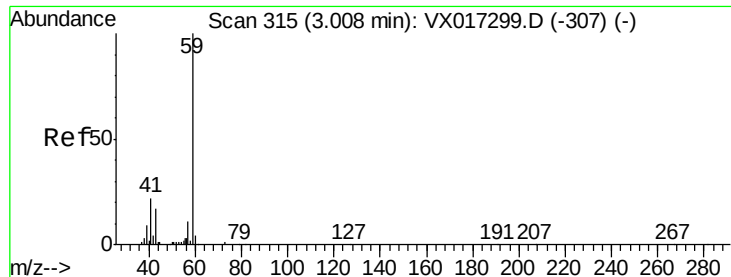


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



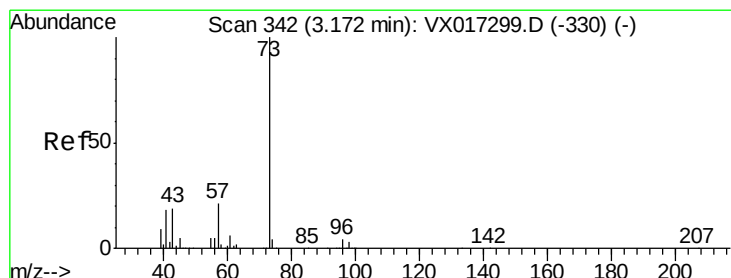
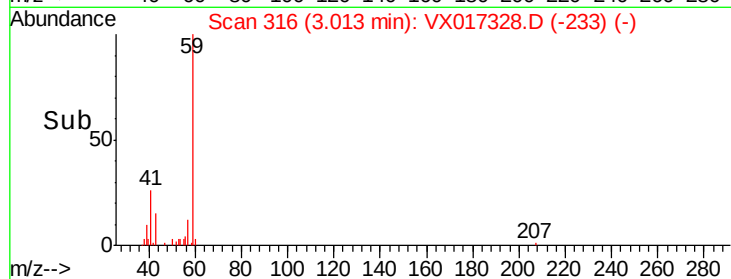
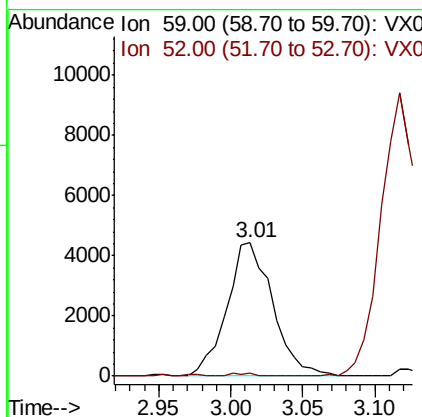
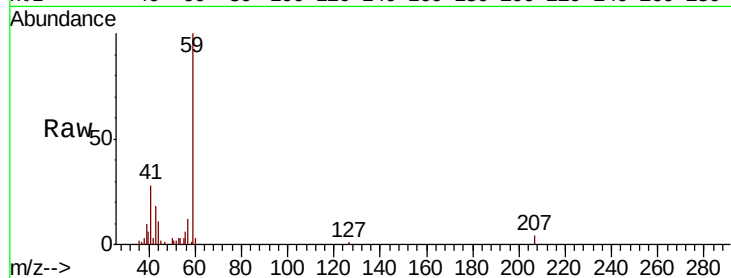


#23

tert-Butyl Alcohol
 Concen: 13.032 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX017328.D
 Acq: 10 Jul 2020 12:15

Instrument :
 MSVOA_X
 ClientSampleId :

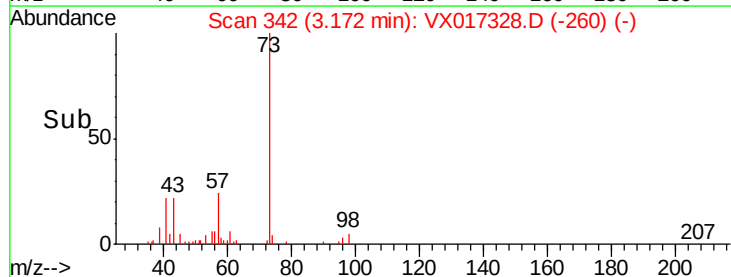
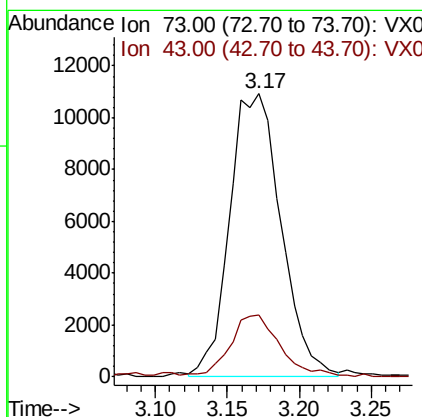
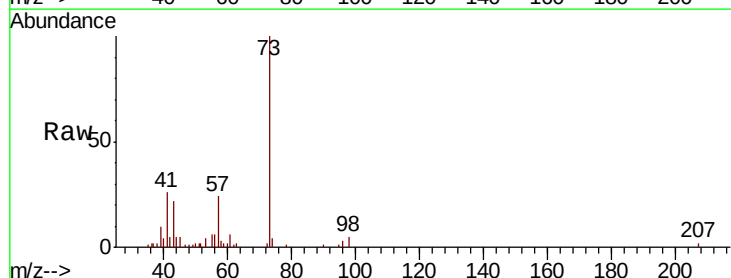
Tot Ion: 59 Resp: 9823
 Ion Ratio Lower Upper
 59 100
 52 1.0 0.4 0.6#

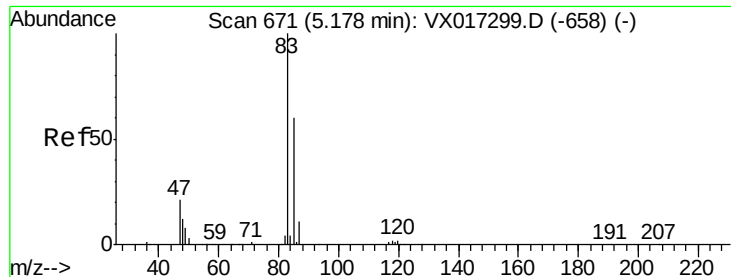


#24

Methyl tert-Butyl Ether
 Concen: 2.448 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VX017328.D
 Acq: 10 Jul 2020 12:15

Tgt Ion: 73 Resp: 27154
 Ion Ratio Lower Upper
 73 100
 43 21.1 16.3 24.5

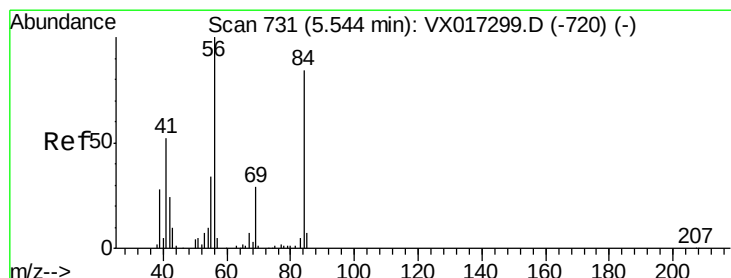
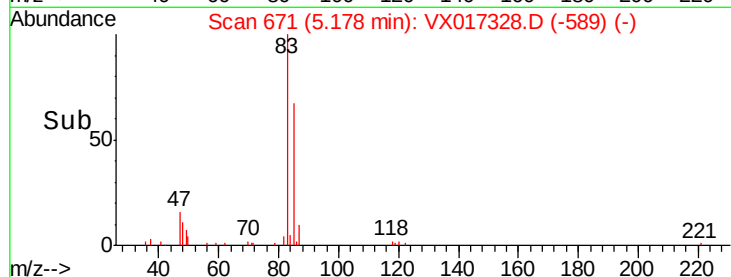
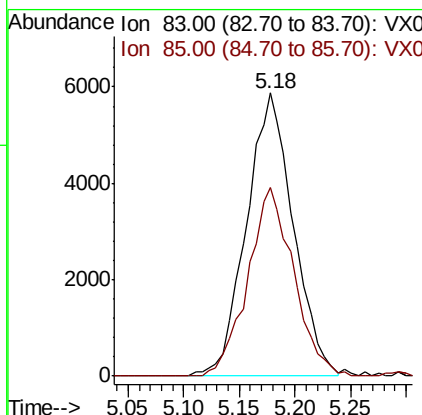
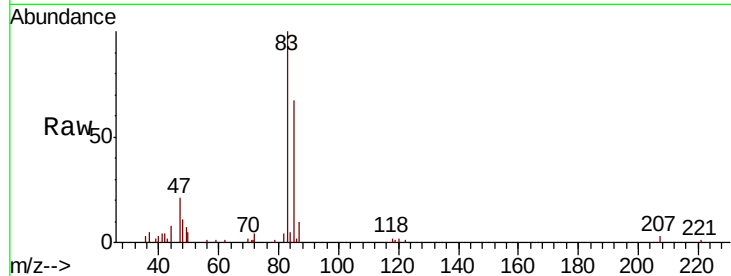




#25
Chloroform
Concen: 2.662 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017328.D
Acq: 10 Jul 2020 12:15

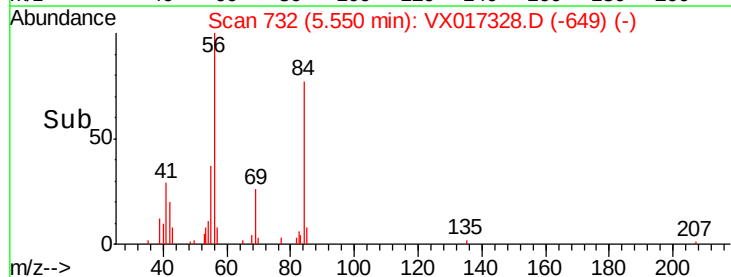
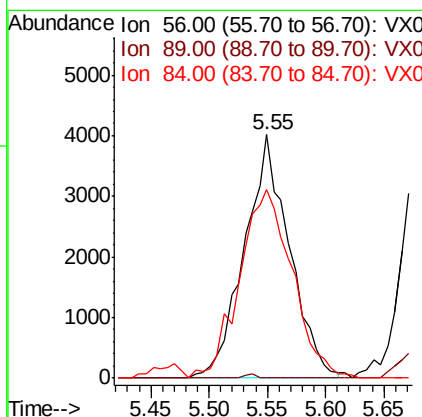
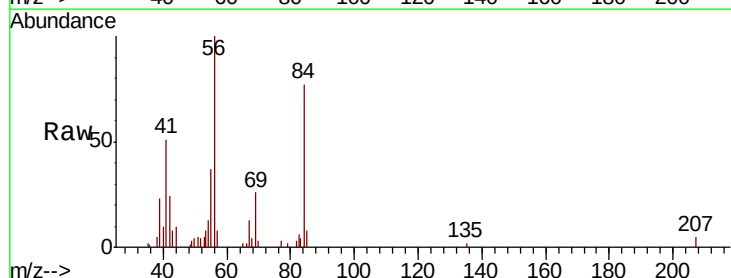
Instrument :
MSVOA_X
ClientSampleId :

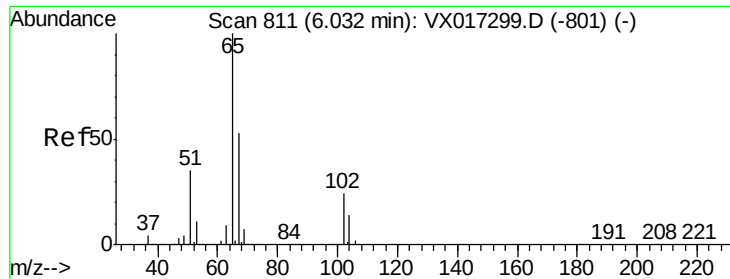
Tot Ion: 83 Resp: 17179
Ion Ratio Lower Upper
83 100
85 66.7 47.8 71.8



#26
Cyclohexane
Concen: 2.276 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX017328.D
Acq: 10 Jul 2020 12:15

Tgt Ion: 56 Resp: 10742
Ion Ratio Lower Upper
56 100
89 0.4 0.0 0.0#
84 86.6 71.5 107.3

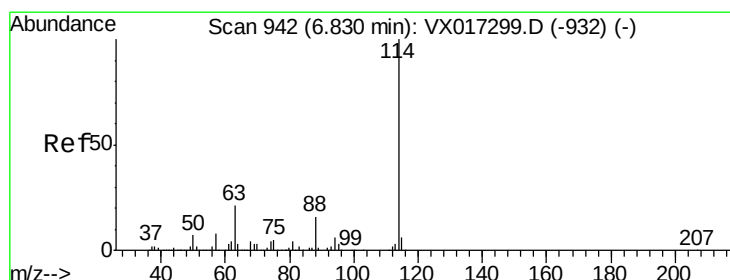
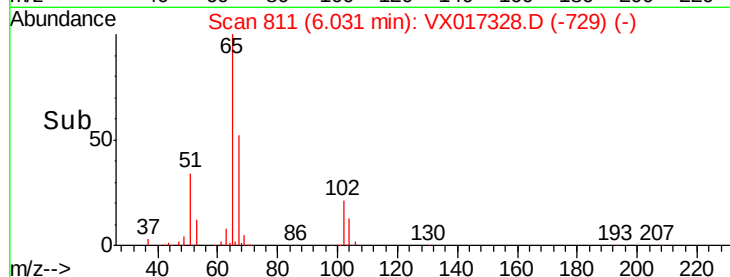
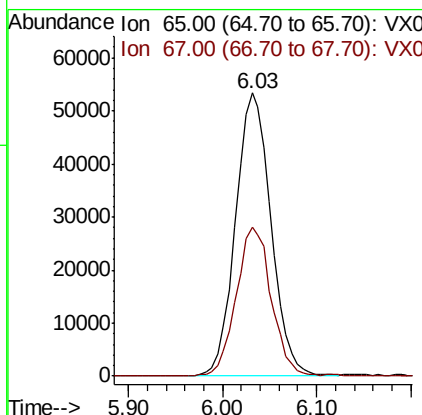
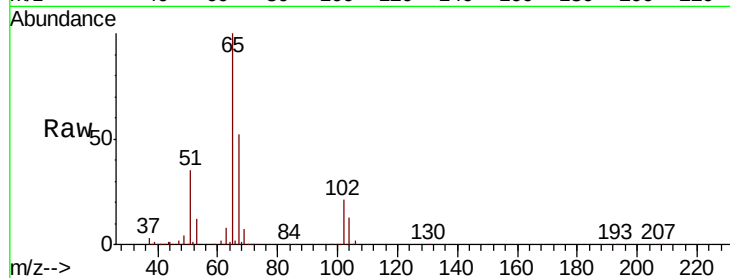




#27
 1,2-Dichloroethane-d4
 Concen: 30.885 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017328.D
 Acq: 10 Jul 2020 12:15

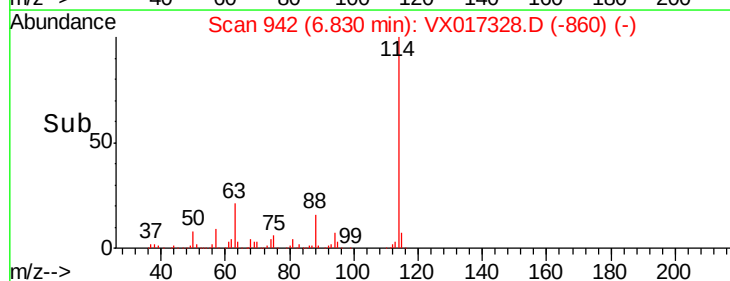
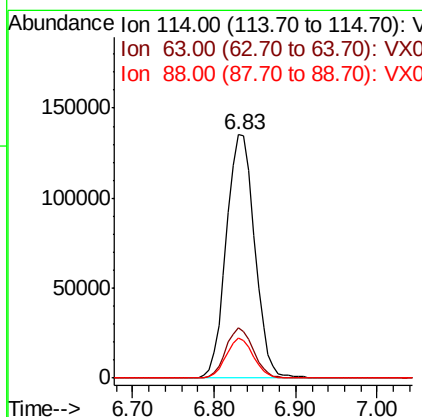
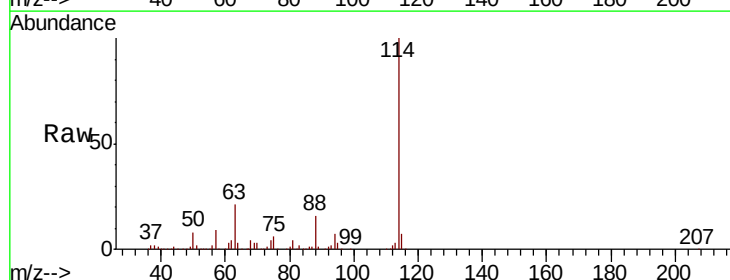
Instrument :
 MSVOA_X
 ClientSampleId :

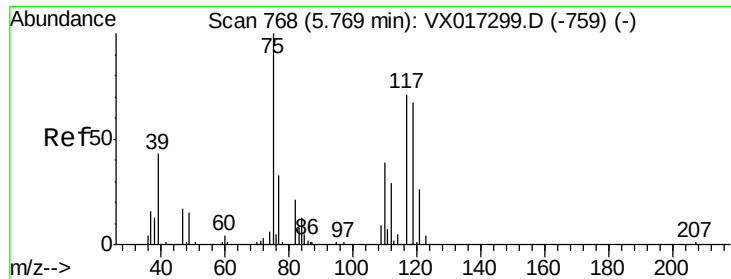
Tot Ion: 65 Resp: 140357
 Ion Ratio Lower Upper
 65 100
 67 52.0 41.0 61.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017328.D
 Acq: 10 Jul 2020 12:15

Tgt Ion: 114 Resp: 326463
 Ion Ratio Lower Upper
 114 100
 63 20.1 15.9 23.9
 88 15.8 12.4 18.6

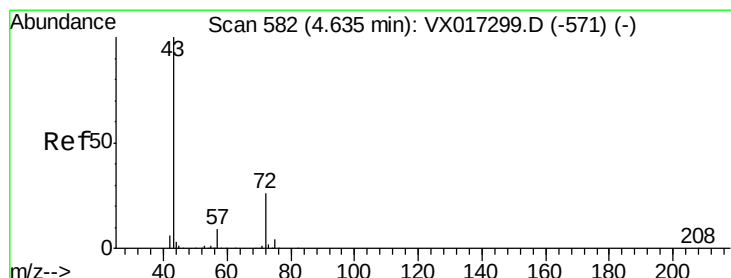
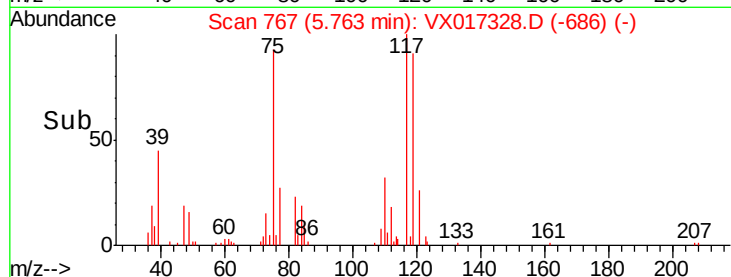
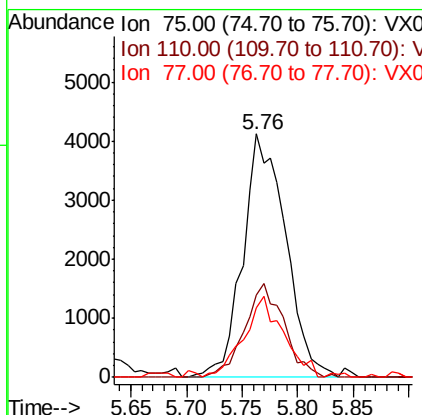
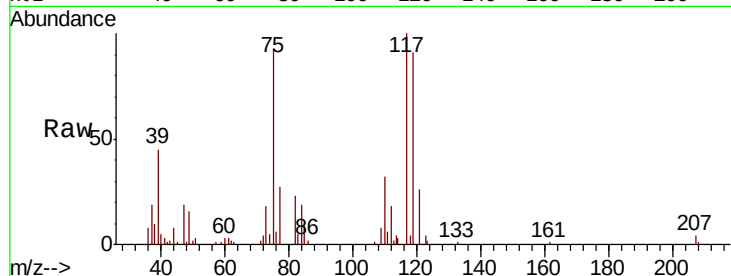




#29
 1,1-Dichloropropene
 Concen: 2.445 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX017328.D
 Acq: 10 Jul 2020 12:15

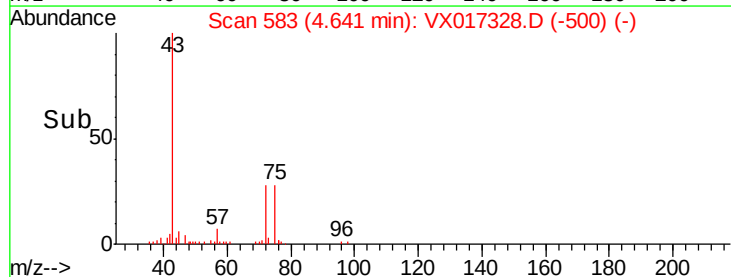
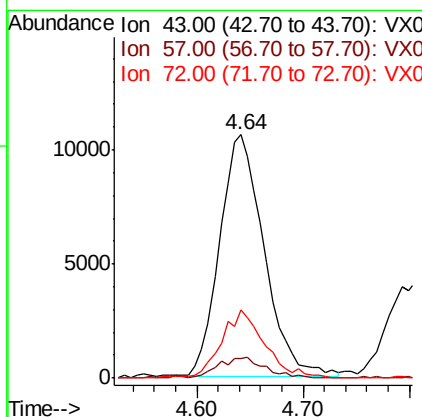
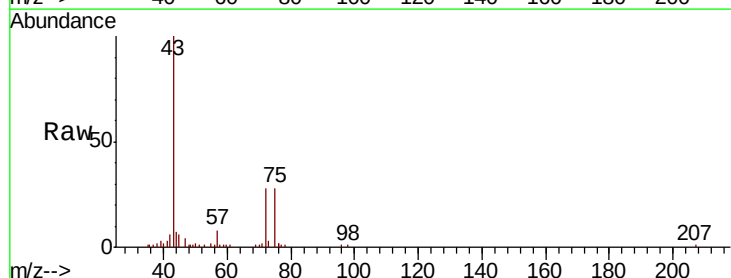
Instrument :
 MSVOA_X
 ClientSampled :

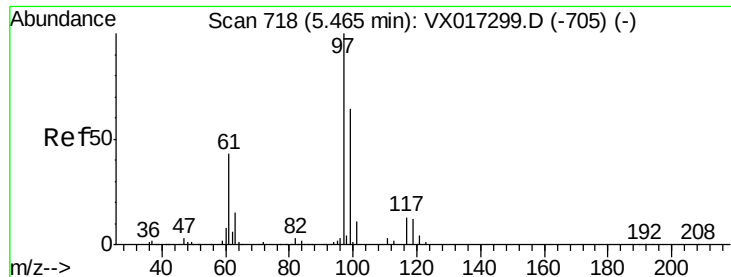
Tot Ion	Ratio	Lower	Upper
75	100		
110	35.3	0.0	75.8
77	29.8	0.0	63.4



#30
 2-Butanone
 Concen: 12.453 ug/l
 RT: 4.64 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: VX017328.D
 Acq: 10 Jul 2020 12:15

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.2	6.8	10.2
72	25.3	21.0	31.6





#32

1,1,1-Trichloroethane

Concen: 2.710 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

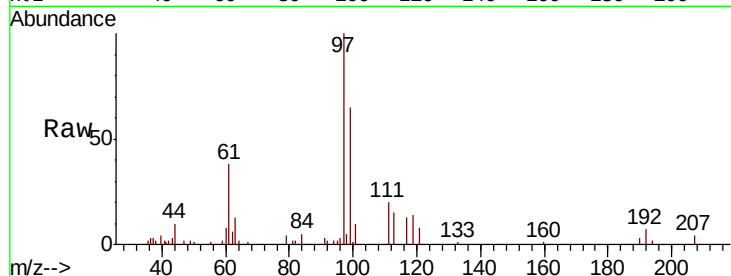
Tot Ion: 97 Resp: 15883

Ion Ratio Lower Upper

97 100

99 63.2 53.2 79.8

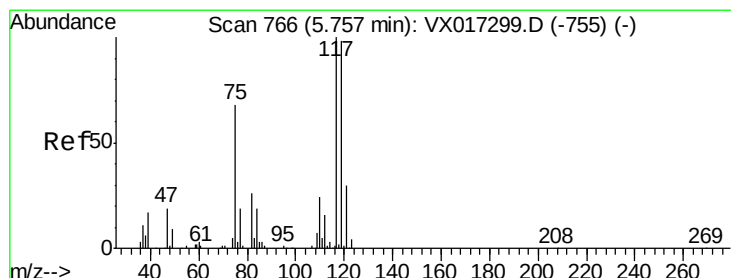
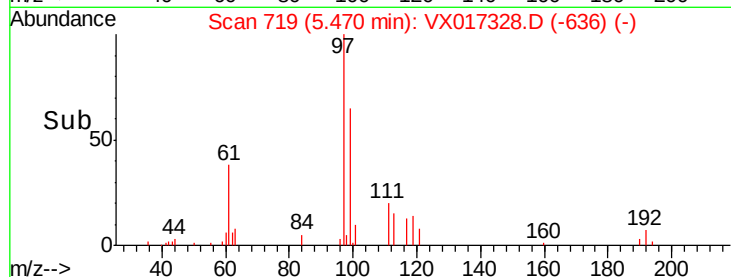
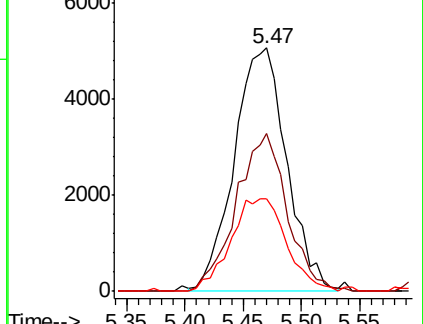
61 18.5 34.0 51.0#



Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#33

Carbon Tetrachloride

Concen: 2.520 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.00 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

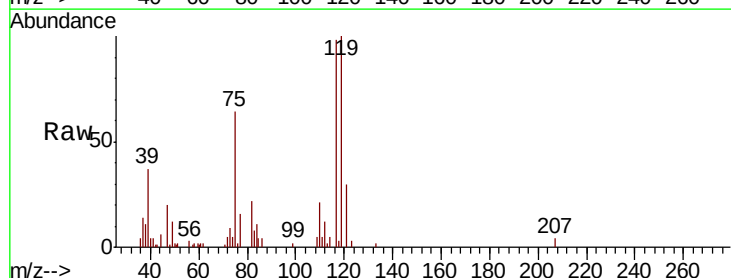
Tgt Ion: 117 Resp: 13623

Ion Ratio Lower Upper

117 100

119 100.0 78.8 118.2

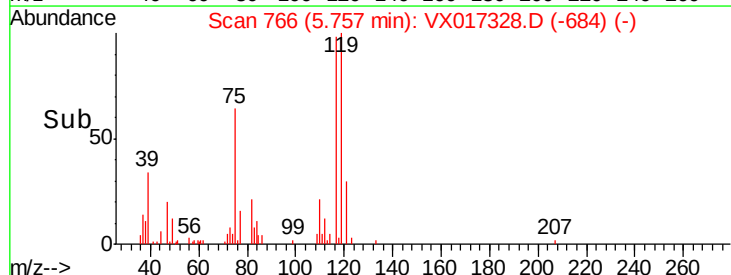
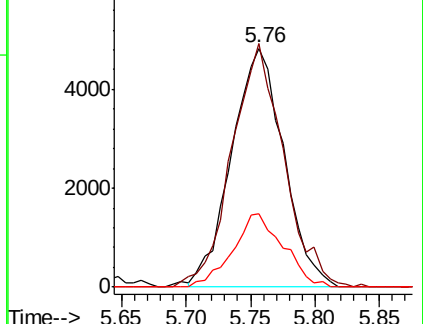
121 30.5 23.7 35.5

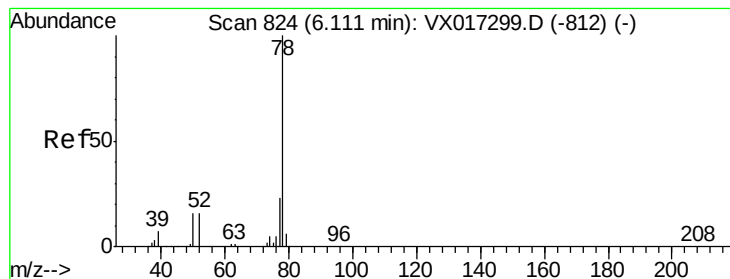


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V





#34

Benzene

Concen: 2.566 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

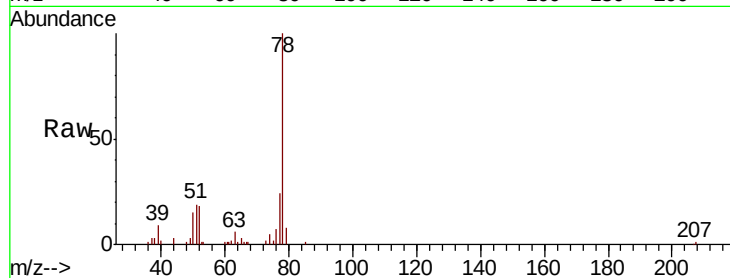
Tot Ion: 78 Resp: 34374

Ion Ratio Lower Upper

78 100

77 24.5 18.1 27.1

51 17.0 12.9 19.3

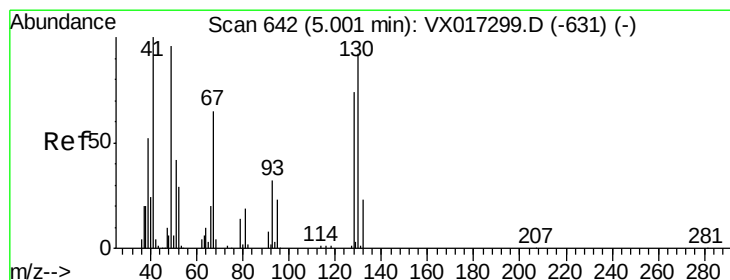
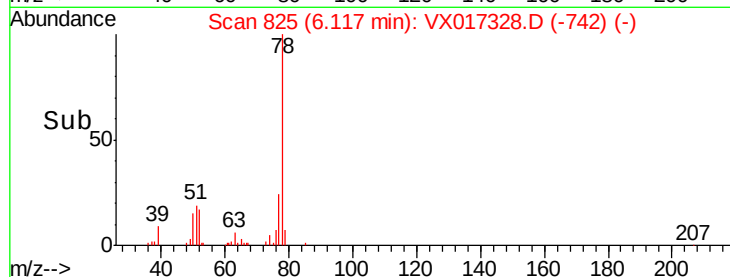
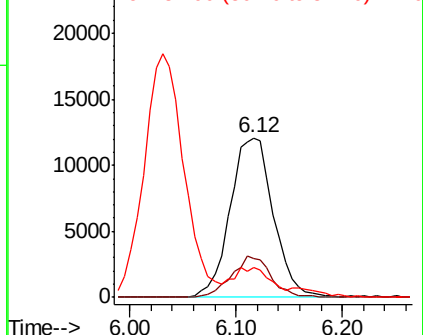


Abundance

Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#35

Methacrylonitrile

Concen: 2.524 ug/l

RT: 5.02 min Scan# 645

Delta R.T. 0.02 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

Tgt Ion: 41 Resp: 6958

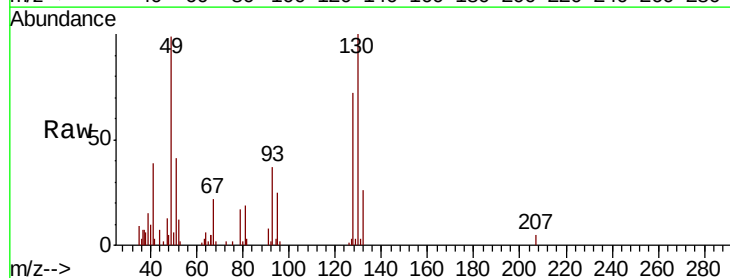
Ion Ratio Lower Upper

41 100

39 27.5 26.0 78.0

67 57.8 32.6 97.8

52 26.6 14.2 42.6



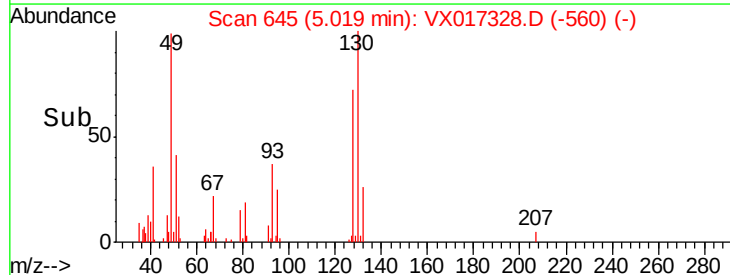
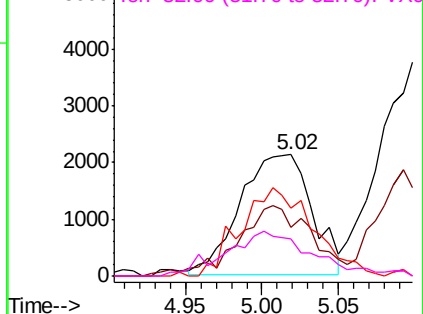
Abundance

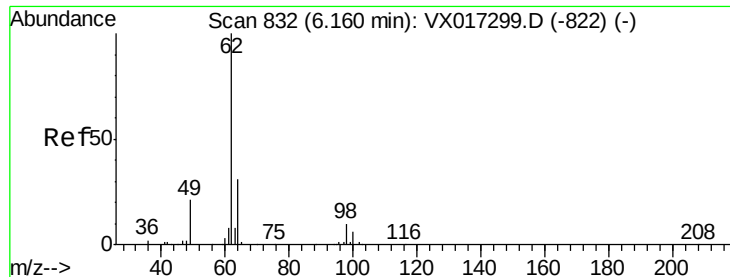
Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

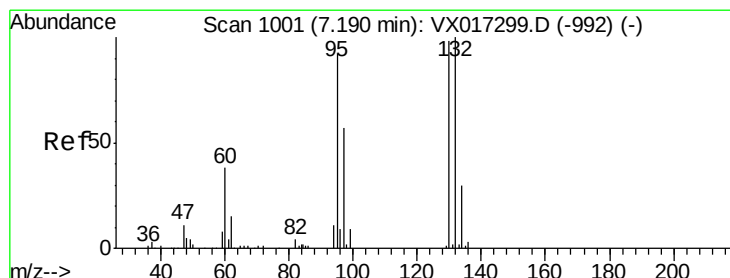
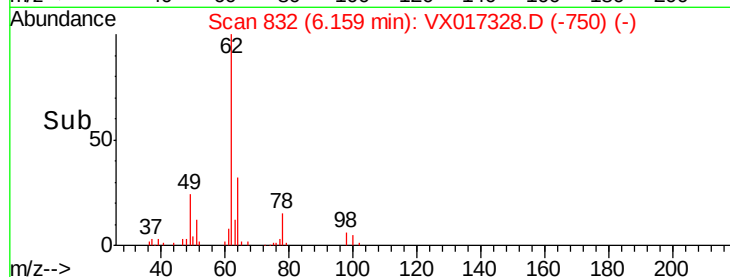
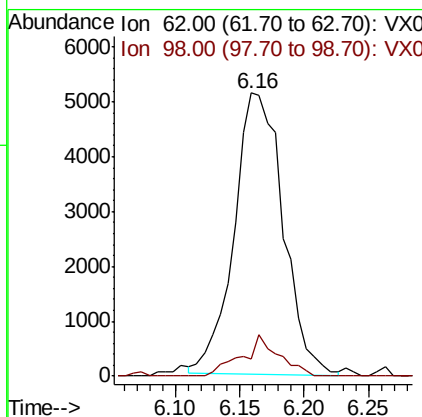
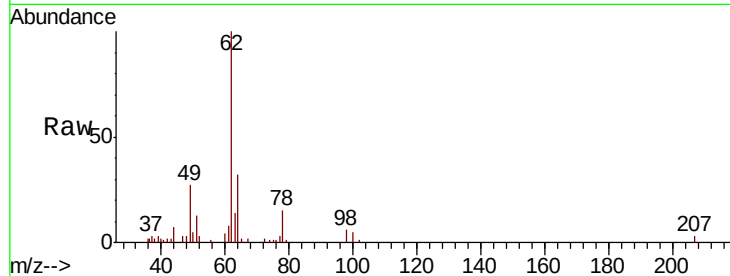




#36
 1,2-Dichloroethane
 Concen: 2.560 ug/l
 RT: 6.16 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: VX017328.D
 Acq: 10 Jul 2020 12:15

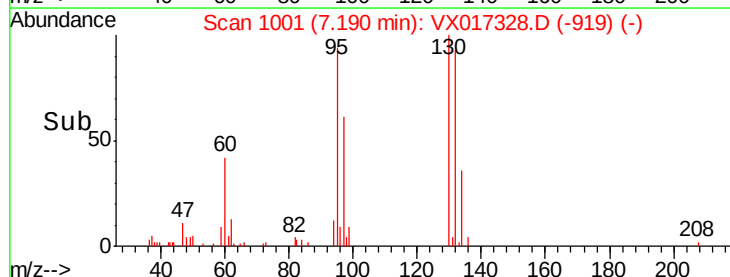
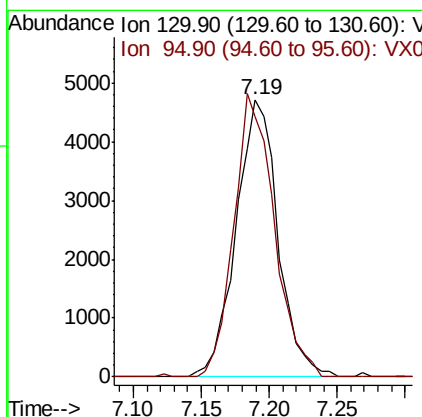
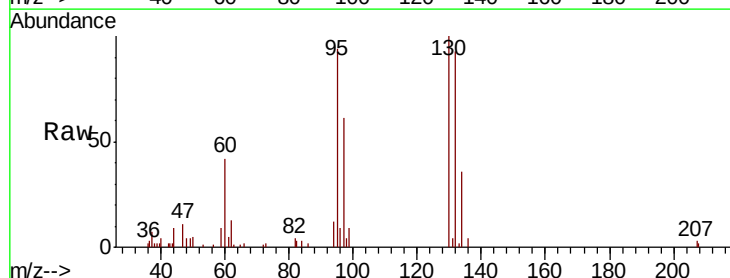
Instrument :
 MSVOA_X
 ClientSampleId :

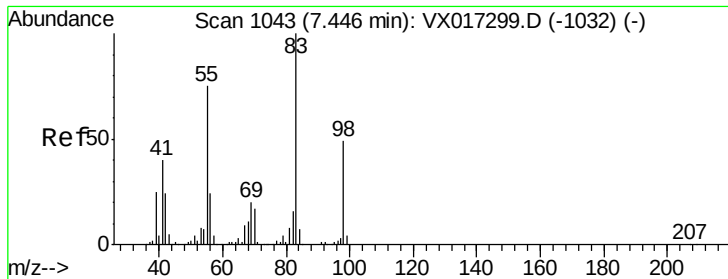
Tot Ion: 62 Resp: 13504
 Ion Ratio Lower Upper
 62 100
 98 6.8 7.8 11.8#



#37
 Trichloroethene
 Concen: 2.520 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017328.D
 Acq: 10 Jul 2020 12:15

Tgt Ion: 130 Resp: 10154
 Ion Ratio Lower Upper
 130 100
 95 93.8 74.4 111.6

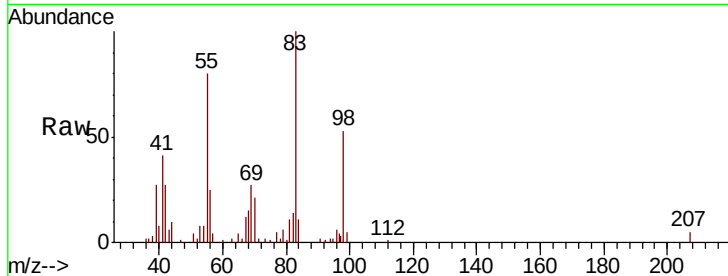




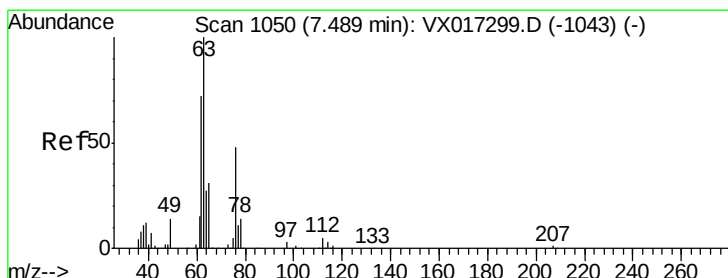
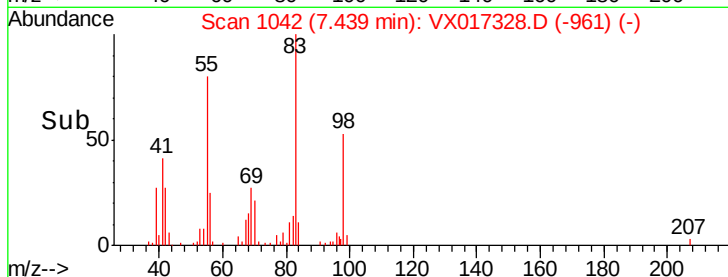
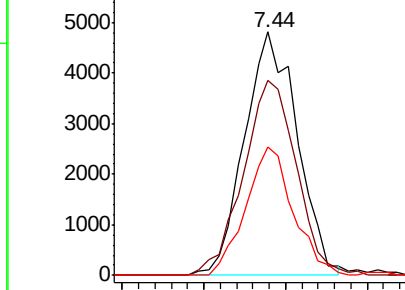
#38
Methylvlcyclohexane
Concen: 2.279 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX017328.D
Acq: 10 Jul 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 10813
Ion Ratio Lower Upper
83 100
55 80.5 39.0 117.0
98 47.4 25.3 75.9

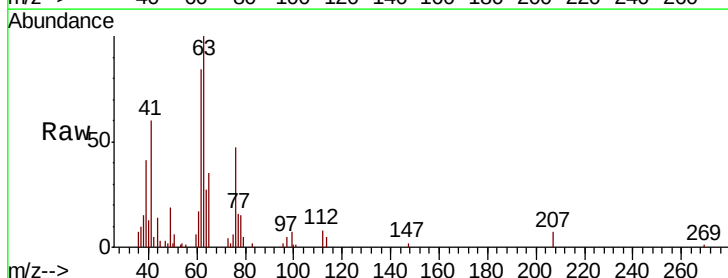


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

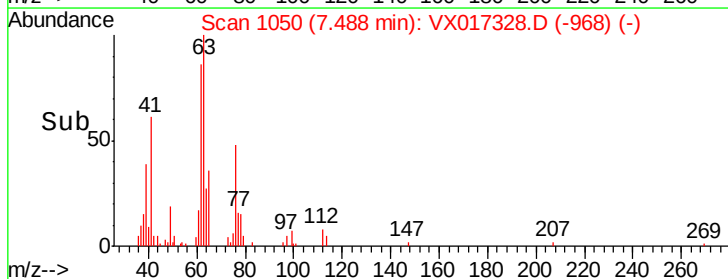
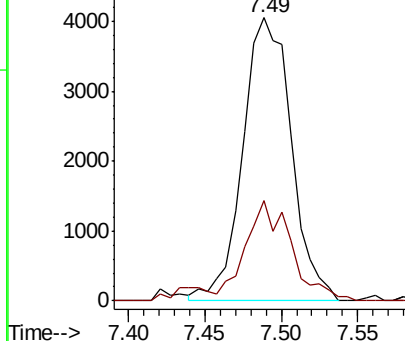


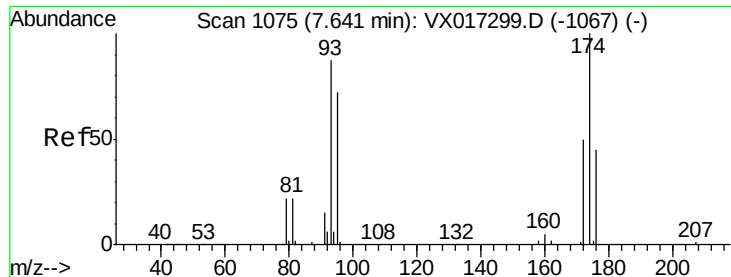
#39
1,2-Dichloropropane
Concen: 2.558 ug/l
RT: 7.49 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VX017328.D
Acq: 10 Jul 2020 12:15

Tgt Ion: 63 Resp: 8955
Ion Ratio Lower Upper
63 100
65 33.8 27.4 41.0



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 65.00 (64.70 to 65.70): VX0

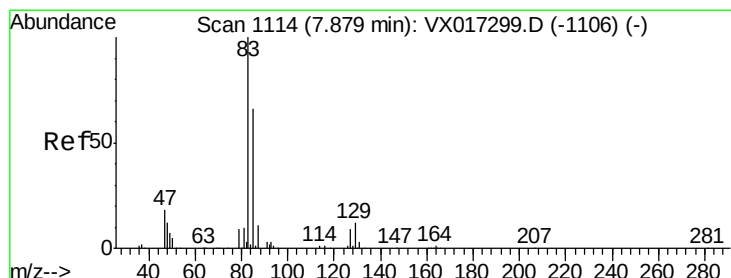
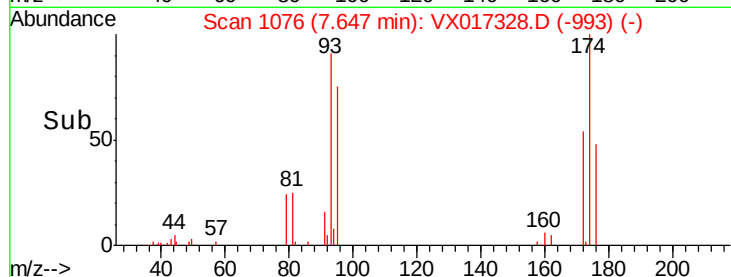
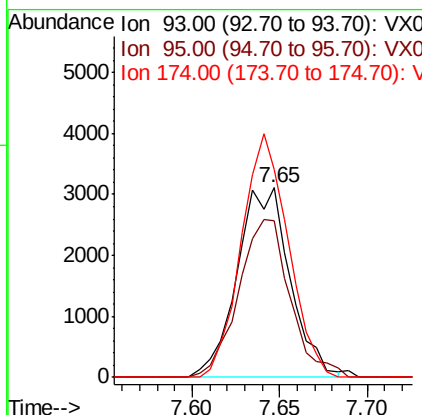
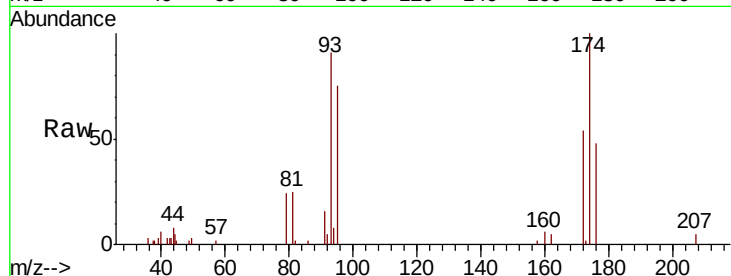




#40
Dibromomethane
Concen: 2.600 ug/l
RT: 7.65 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VX017328.D
Acq: 10 Jul 2020 12:15

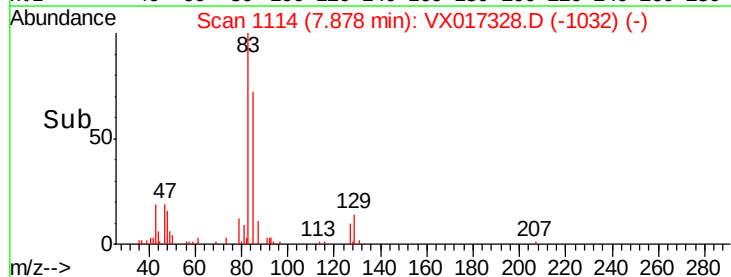
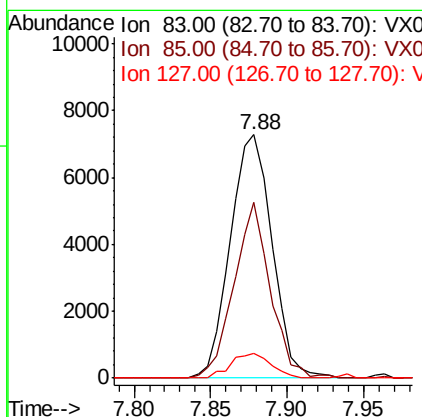
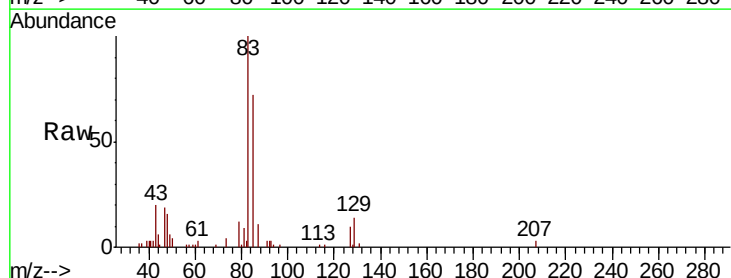
Instrument :
MSVOA_X
ClientSampled :

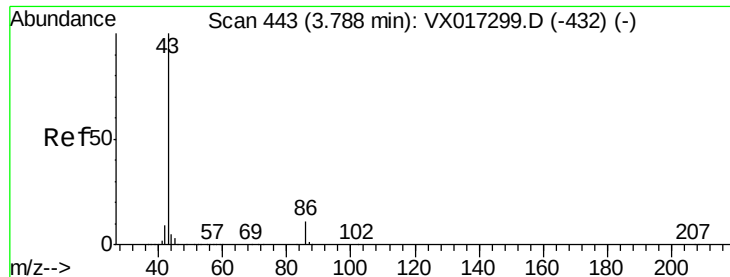
Tot Ion: 93 Resp: 6556
Ion Ratio Lower Upper
93 100
95 81.0 0.0 164.4
174 113.1 0.0 224.8



#41
Bromodichloromethane
Concen: 2.632 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VX017328.D
Acq: 10 Jul 2020 12:15

Tgt Ion: 83 Resp: 13850
Ion Ratio Lower Upper
83 100
85 72.3 53.1 79.7
127 10.4 7.3 10.9





#42

Vinyl Acetate

Concen: 11.236 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

Instrument :

MSVOA_X

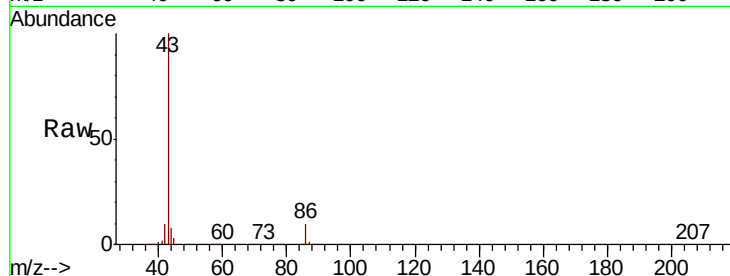
ClientSampleId :

Tot Ion: 43 Resp: 105737

Ion Ratio Lower Upper

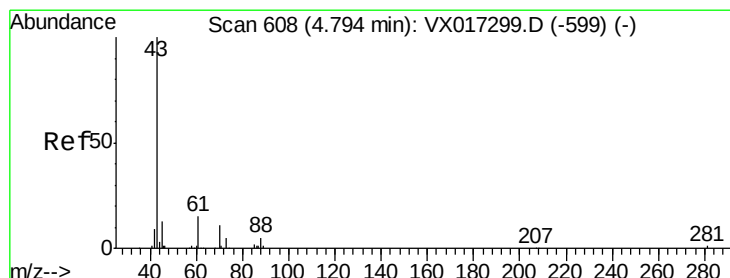
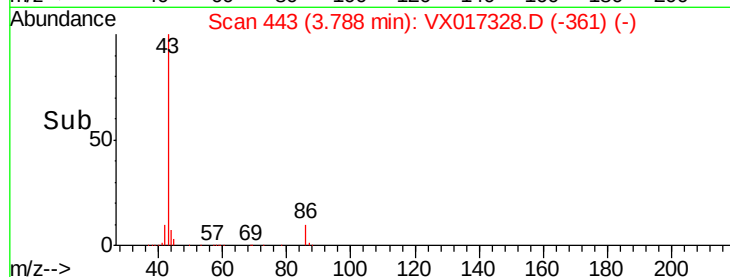
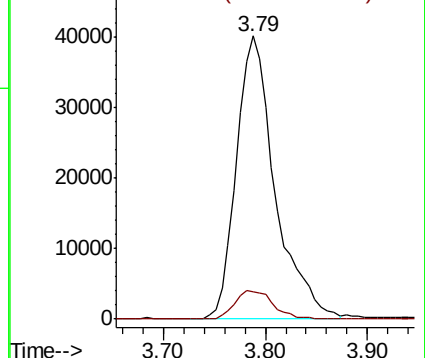
43 100

86 9.7 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#43

Ethyl Acetate

Concen: 2.512 ug/l

RT: 4.81 min Scan# 610

Delta R.T. 0.01 min

Lab File: VX017328.D

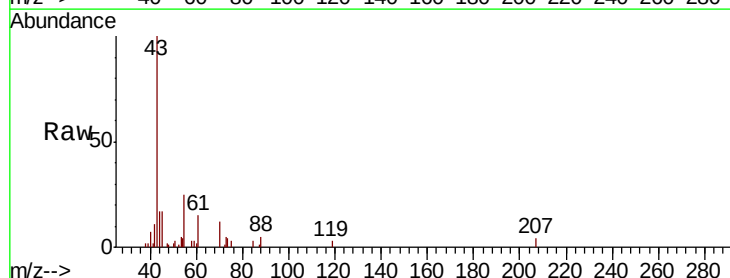
Acq: 10 Jul 2020 12:15

Tgt Ion: 43 Resp: 12165

Ion Ratio Lower Upper

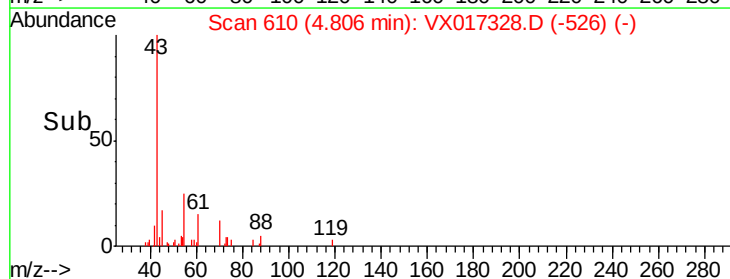
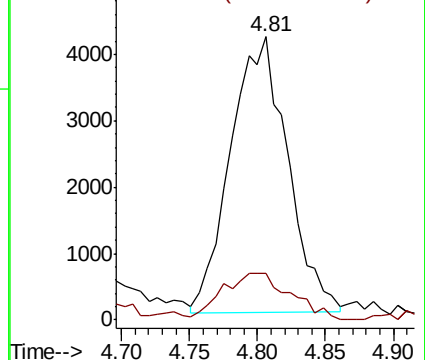
43 100

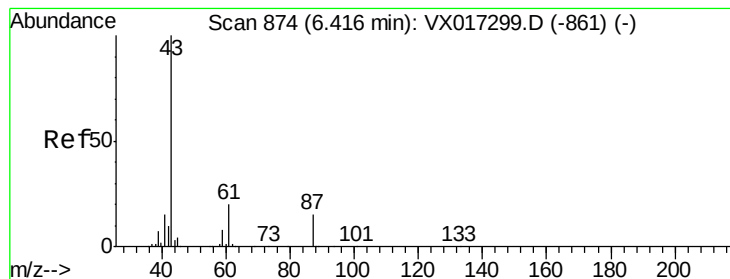
45 15.0 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#44

Isopropyl Acetate

Concen: 2.440 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

Instrument :

MSVOA_X

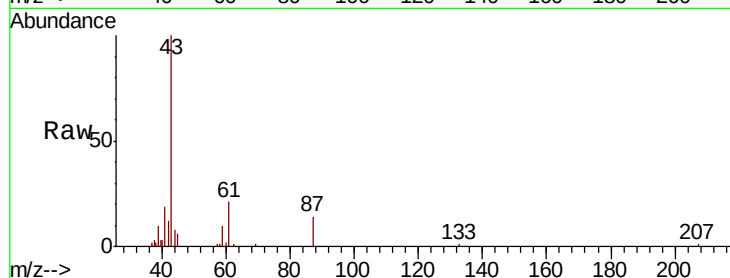
ClientSampleId :

Tot Ion: 43 Resp: 19661

Ion Ratio Lower Upper

43 100

61 18.6 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

6.42

8000

6000

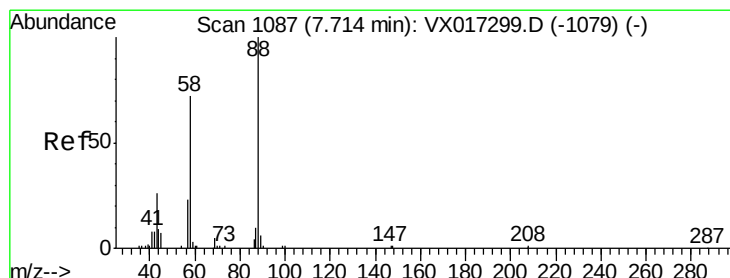
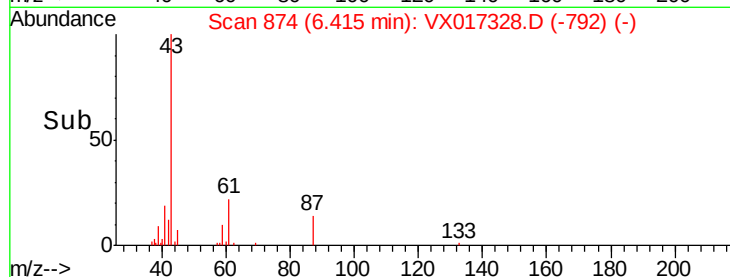
4000

2000

0

6.30 6.35 6.40 6.45 6.50

Time-->



#45

1,4-Dioxane

Concen: 42.868 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

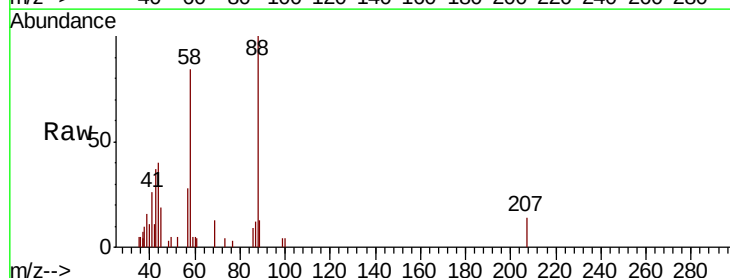
Tgt Ion: 88 Resp: 3293

Ion Ratio Lower Upper

88 100

43 27.5 29.0 43.4#

58 65.5 58.3 87.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2000

1500

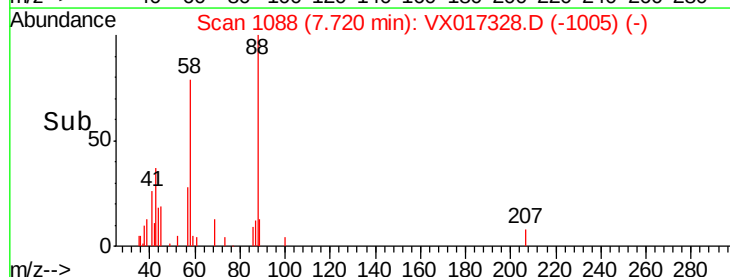
1000

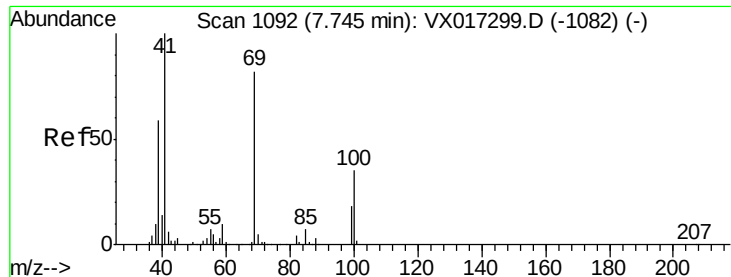
500

0

7.65 7.70 7.75

Time-->

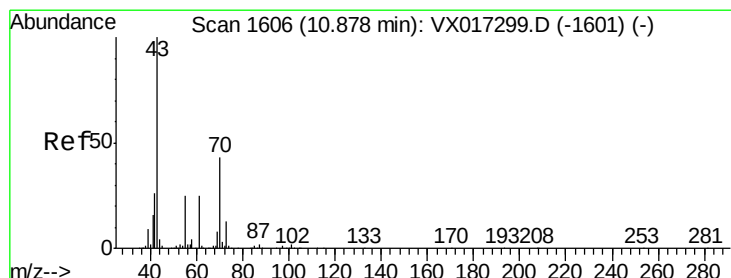
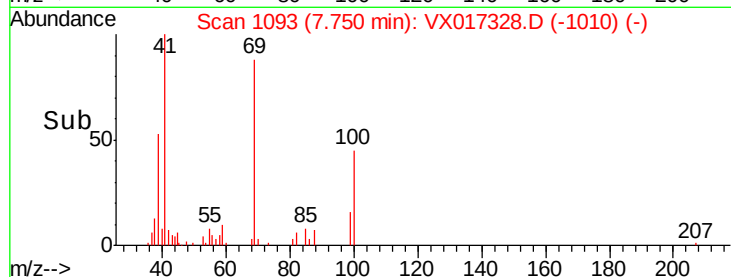
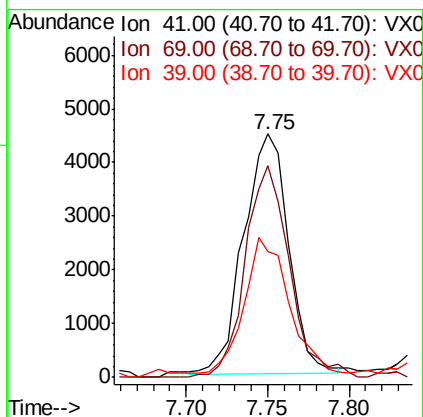
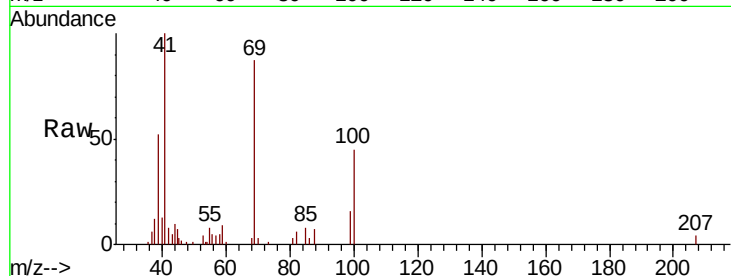




#46
Methyl methacrylate
Concen: 2.180 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VX017328.D
Acq: 10 Jul 2020 12:15

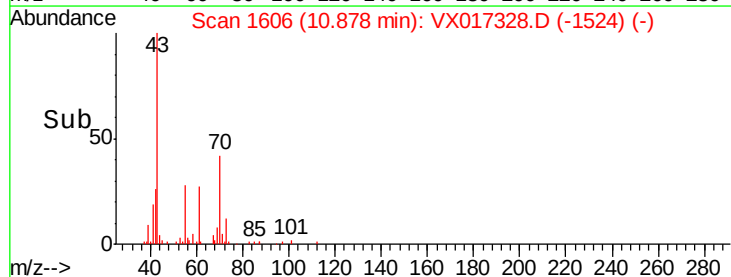
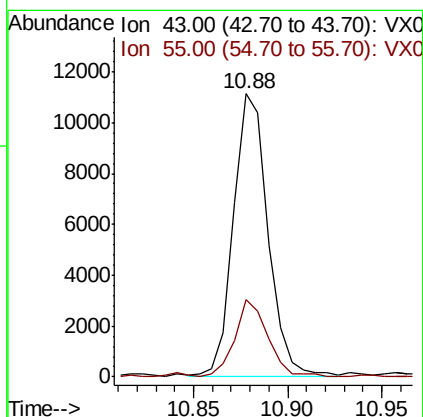
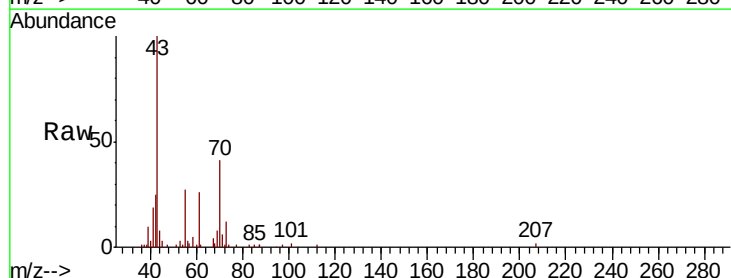
Instrument :
MSVOA_X
ClientSampled :

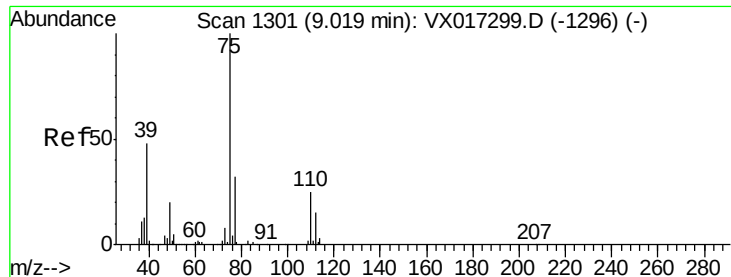
Tot Ion: 41 Resp: 8558
Ion Ratio Lower Upper
41 100
69 88.9 41.1 123.3
39 51.4 29.2 87.6



#47
n-ethyl Acetate
Concen: 1.993 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX017328.D
Acq: 10 Jul 2020 12:15

Tgt Ion: 43 Resp: 14224
Ion Ratio Lower Upper
43 100
55 25.3 20.4 30.6





#48

t-1,3-Dichloropropene

Concen: 2.289 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

Instrument :

MSVOA_X

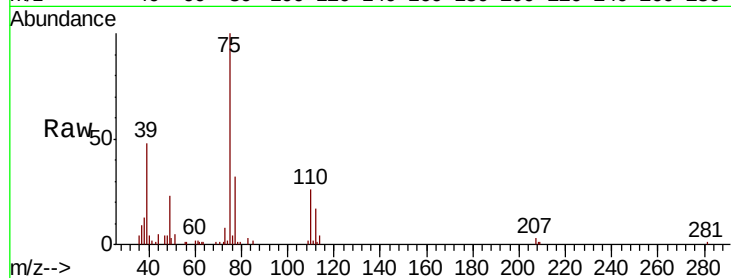
ClientSampleId :

Tot Ion: 75 Resp: 13297

Ion Ratio Lower Upper

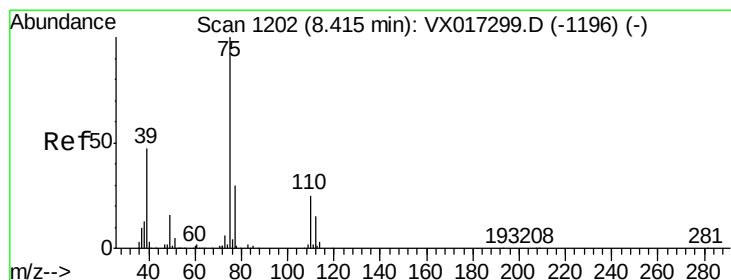
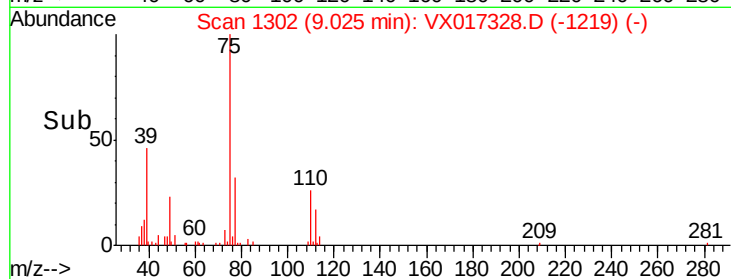
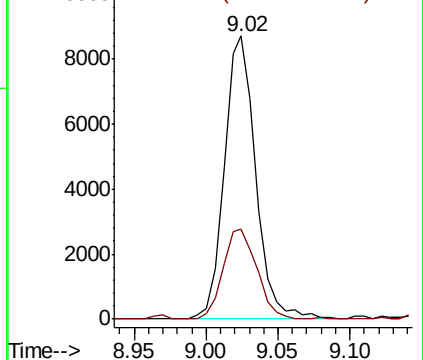
75 100

77 32.0 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#49

cis-1,3-Dichloropropene

Concen: 2.449 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

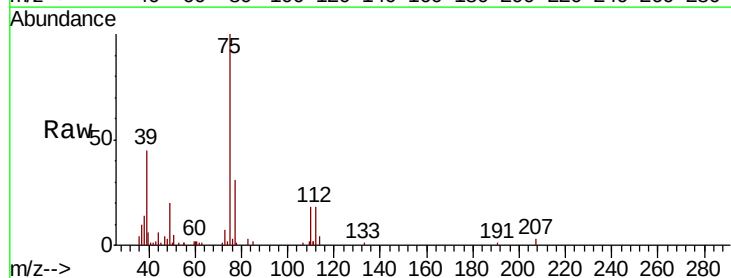
Tgt Ion: 75 Resp: 14891

Ion Ratio Lower Upper

75 100

77 31.2 23.6 35.4

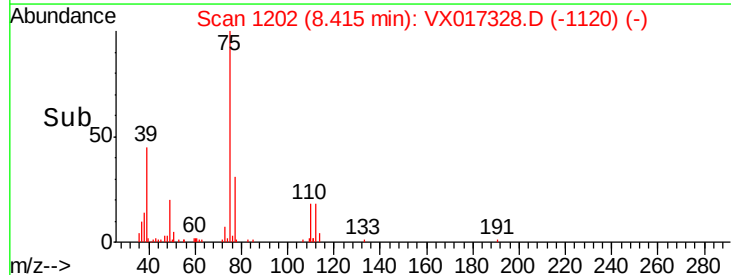
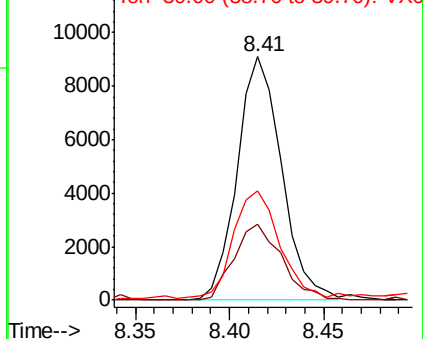
39 43.5 37.5 56.3

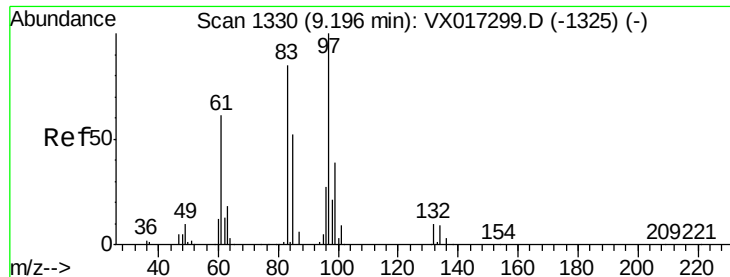


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

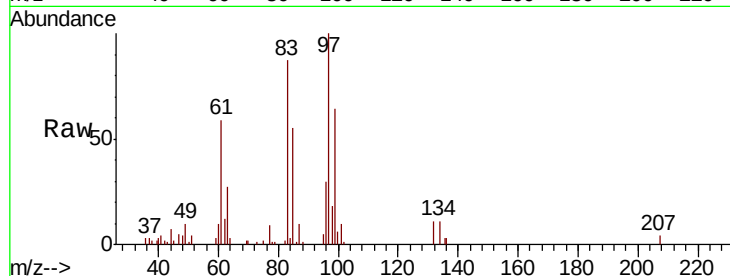




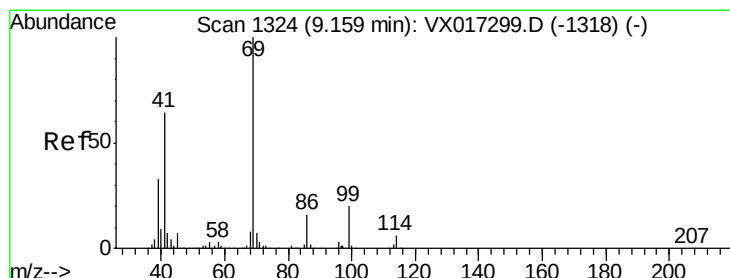
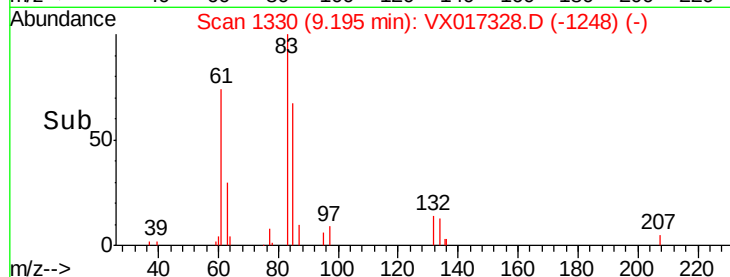
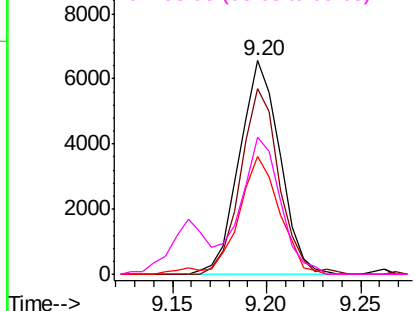
#50
 1,1,2-Trichloroethane
 Concen: 2.622 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017328.D
 Acq: 10 Jul 2020 12:15

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	9797
Ion	Ratio	Lower	Upper
97	100		
83	86.8	67.9	101.9
85	54.9	42.6	64.0
99	64.2	50.7	76.1

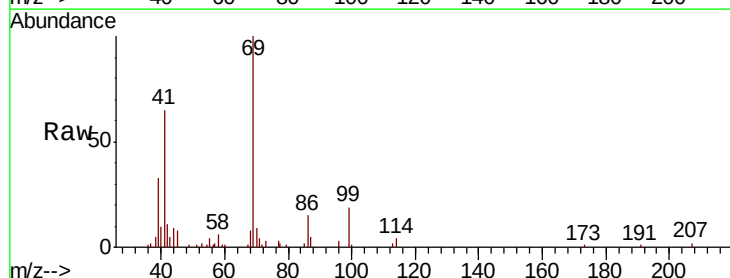


Abundance Ion 97.00 (96.70 to 97.70): VX0
 Ion 82.95 (82.65 to 83.65): VX0
 Ion 84.95 (84.65 to 85.65): VX0
 Ion 98.95 (98.65 to 99.65): VX0

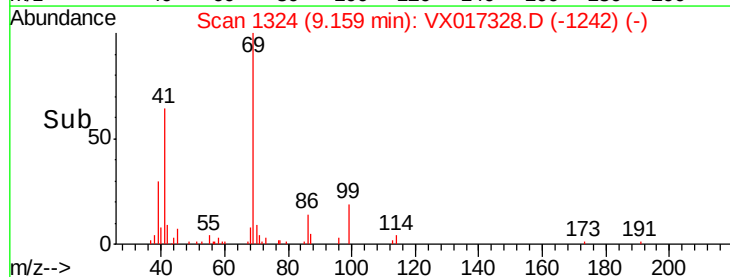
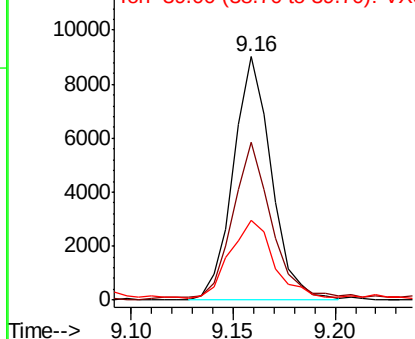


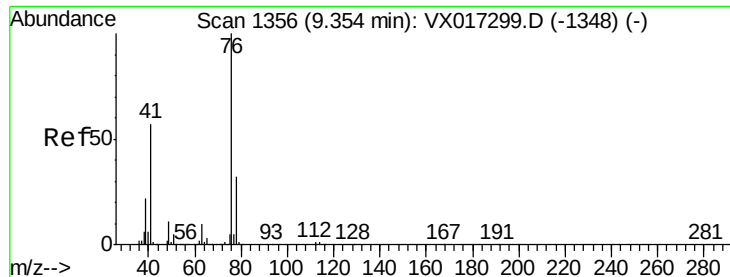
#51
 Ethyl methacrylate
 Concen: 2.146 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017328.D
 Acq: 10 Jul 2020 12:15

Tgt Ion:	69	Resp:	11681
Ion	Ratio	Lower	Upper
69	100		
41	63.4	32.1	96.5
39	31.8	16.3	48.9



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





#52

1,3-Dichloropropane

Concen: 2.452 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

Instrument :

MSVOA_X

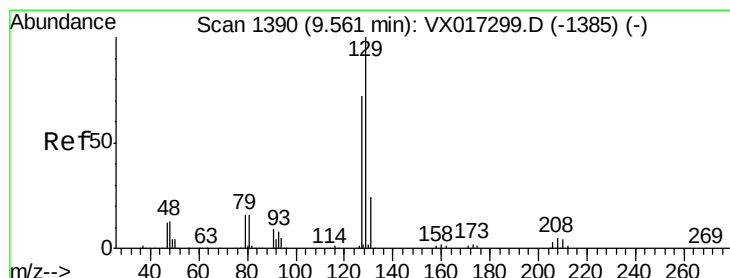
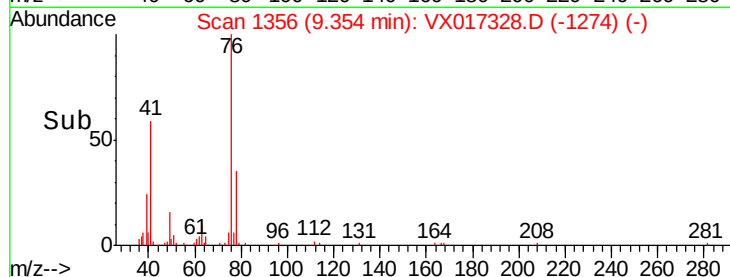
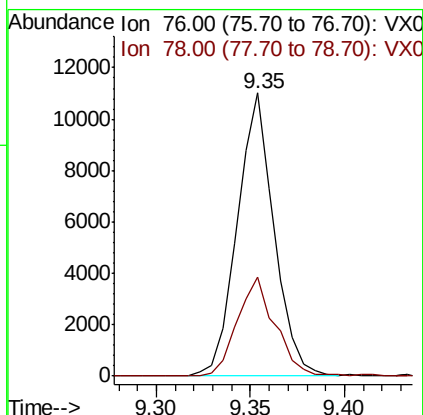
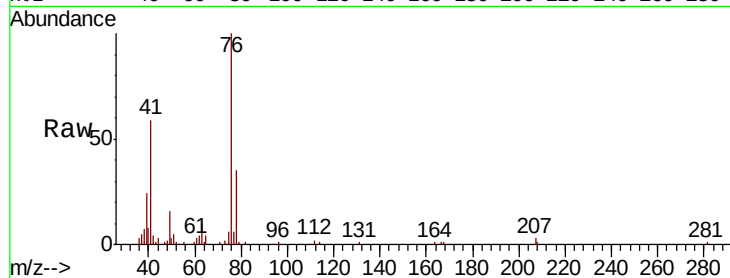
ClientSampleId :

Tot Ion: 76 Resp: 14919

Ion Ratio Lower Upper

76 100

78 35.6 0.0 65.6



#53

Dibromochloromethane

Concen: 2.377 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX017328.D

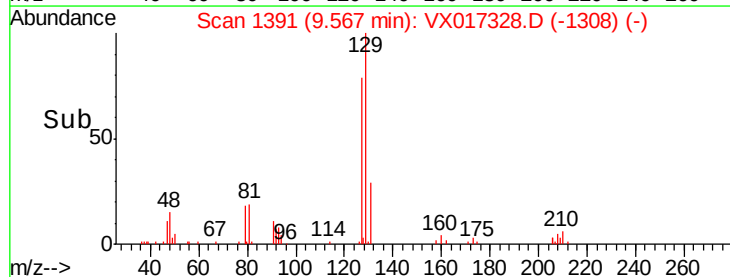
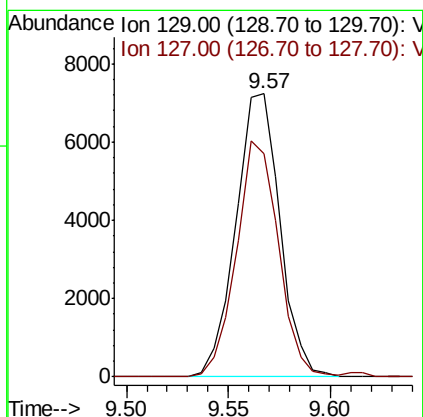
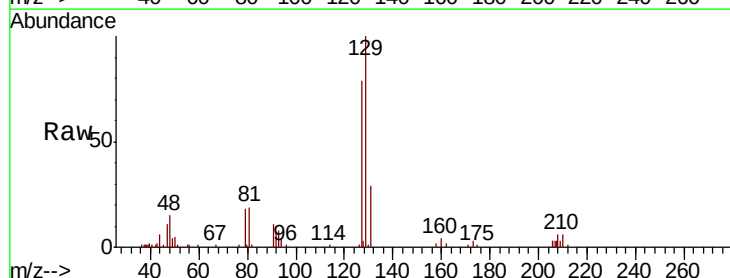
Acq: 10 Jul 2020 12:15

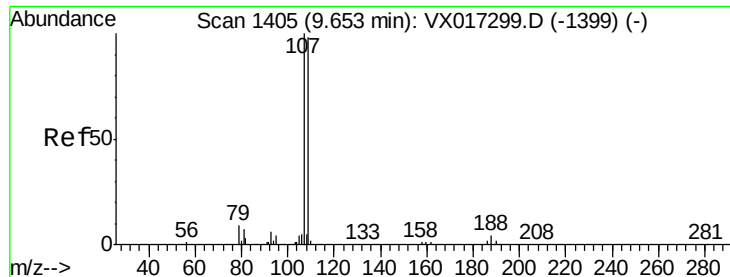
Tgt Ion: 129 Resp: 10839

Ion Ratio Lower Upper

129 100

127 79.7 37.5 112.5

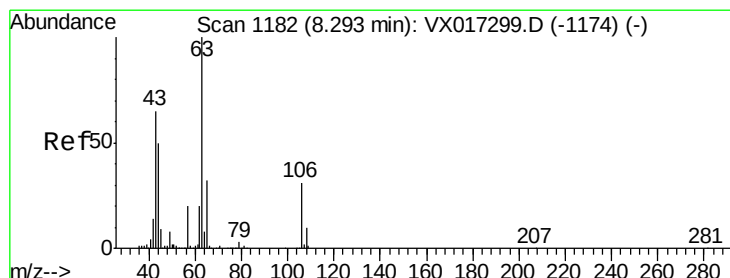
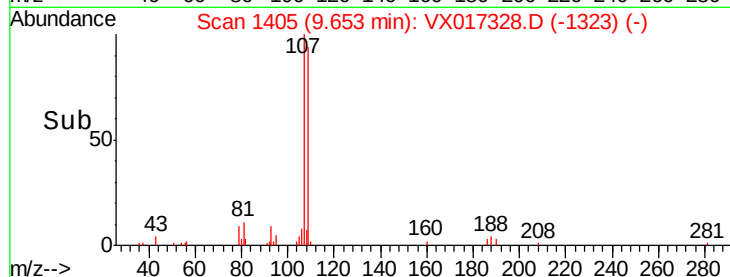
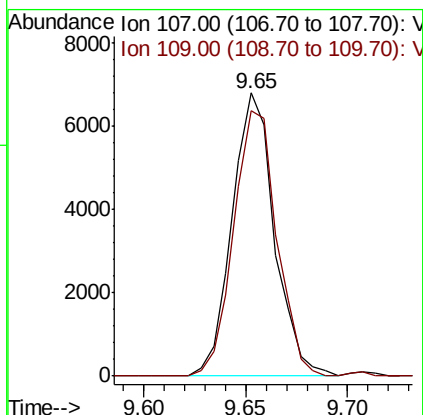
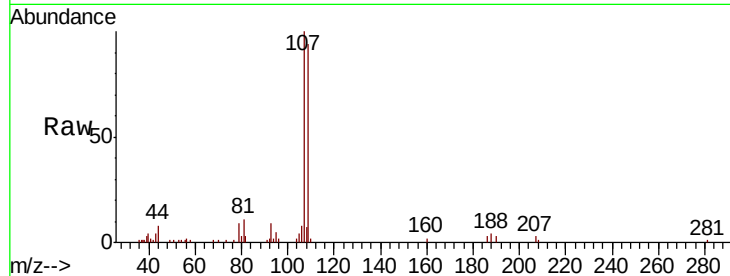




#54
 1,2-Dibromoethane
 Concen: 2.445 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017328.D
 Acq: 10 Jul 2020 12:15

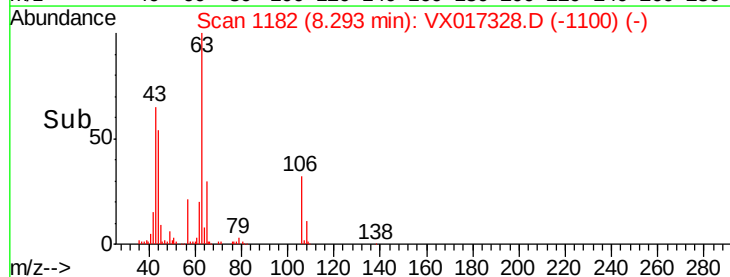
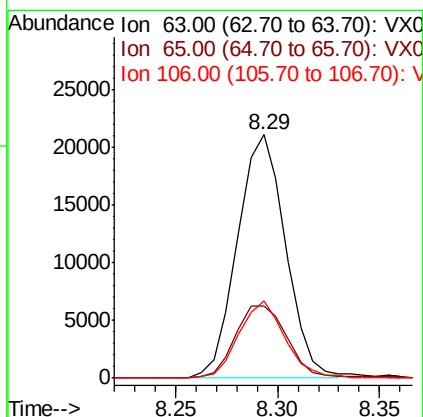
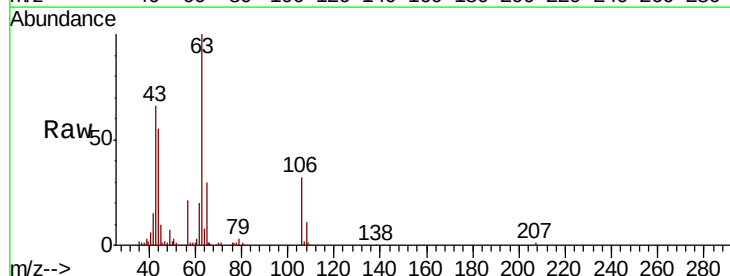
Instrument :
 MSVOA_X
 ClientSampleId :

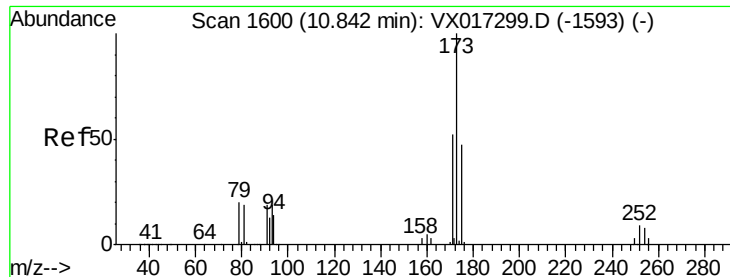
Tot Ion:107 Resp: 9768
 Ion Ratio Lower Upper
 107 100
 109 96.0 76.9 115.3



#55
 2-Chloroethyl vinyl ether
 Concen: 13.677 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX017328.D
 Acq: 10 Jul 2020 12:15

Tgt Ion: 63 Resp: 34633
 Ion Ratio Lower Upper
 63 100
 65 32.5 25.4 38.0
 106 30.4 24.5 36.7

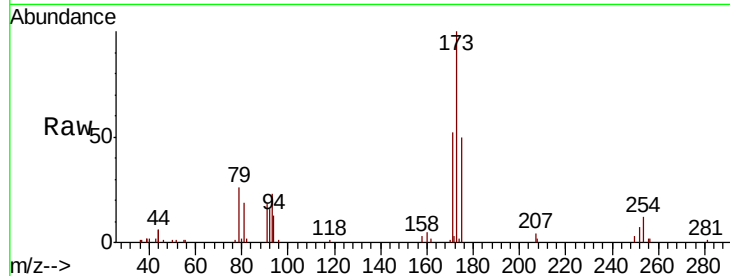




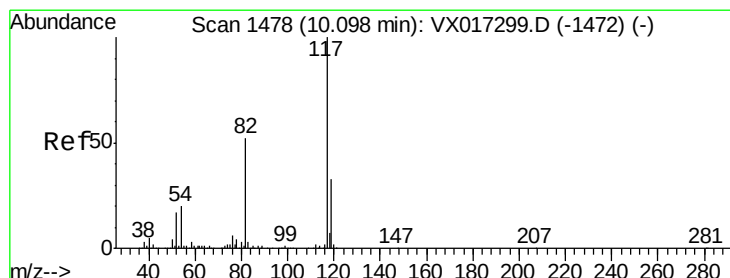
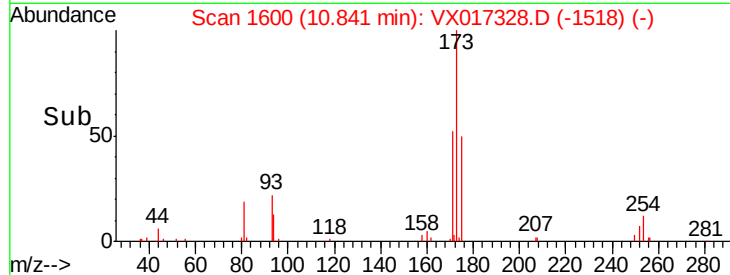
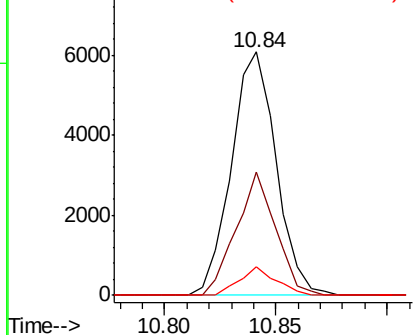
#56
Bromoform
Concen: 2.396 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX017328.D
Acq: 10 Jul 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 8525
Ion Ratio Lower Upper
173 100
175 44.6 38.4 57.6
254 9.3 7.0 10.4

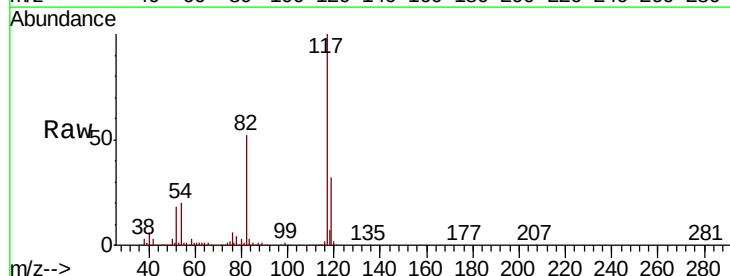


Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V

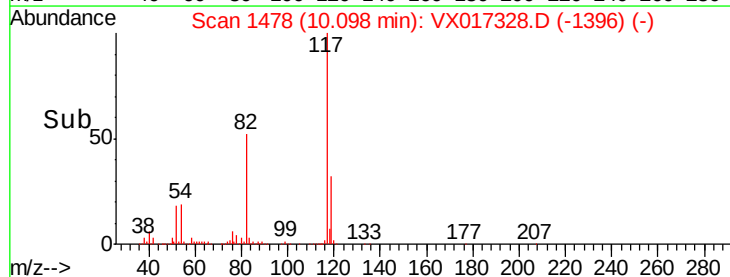
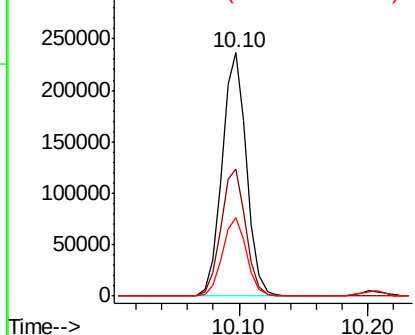


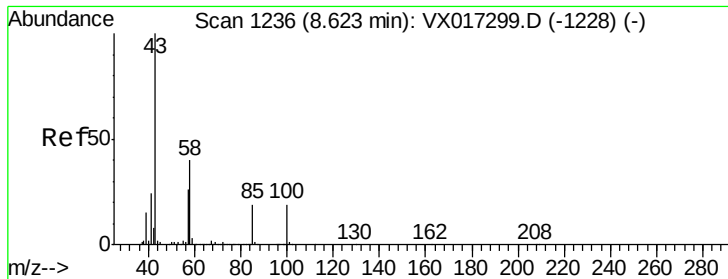
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017328.D
Acq: 10 Jul 2020 12:15

Tgt Ion:117 Resp: 315295
Ion Ratio Lower Upper
117 100
82 53.0 42.2 63.4
119 32.0 26.4 39.6



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

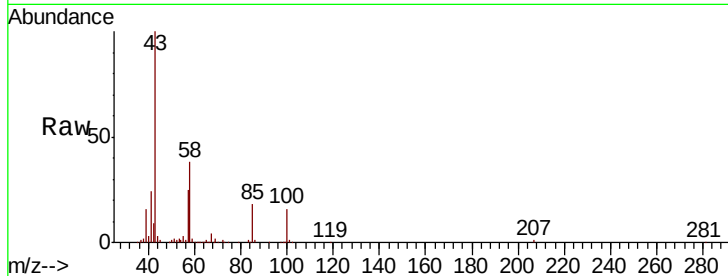




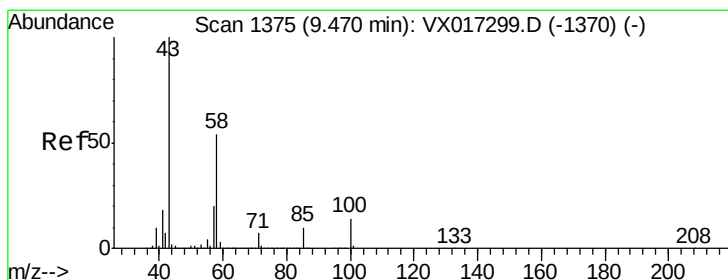
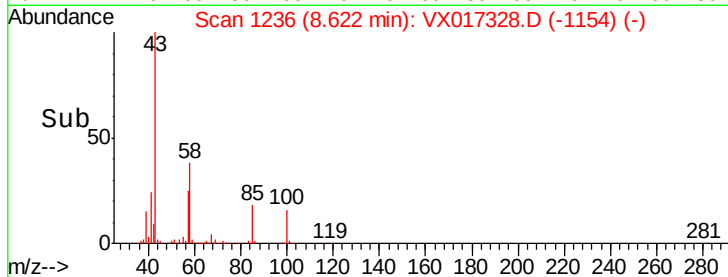
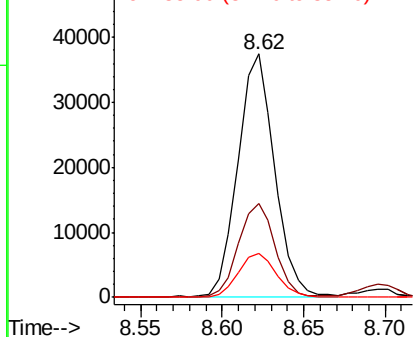
#58
4-Methyl-2-Pentanone
Concen: 11.729 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017328.D
Acq: 10 Jul 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 58595
Ion Ratio Lower Upper
43 100
58 38.4 32.2 48.2
85 18.8 14.8 22.2

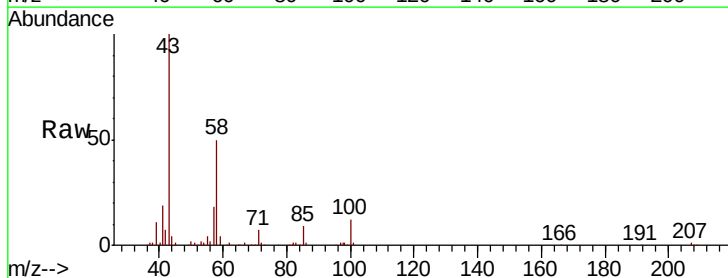


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

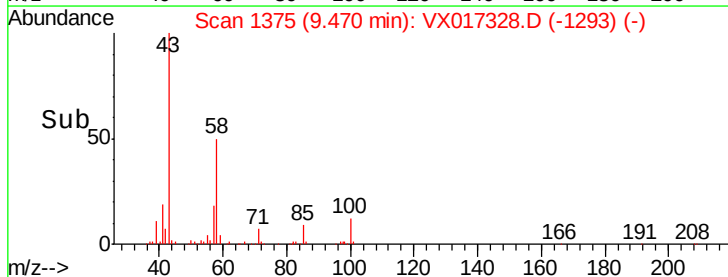
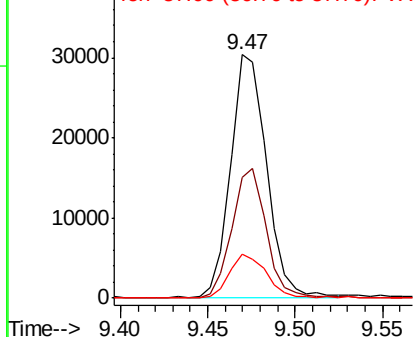


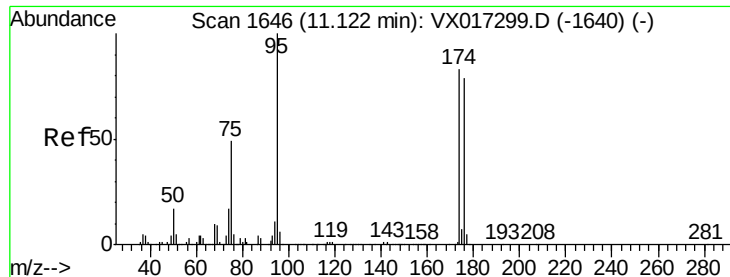
#59
2-Hexanone
Concen: 11.394 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017328.D
Acq: 10 Jul 2020 12:15

Tgt Ion: 43 Resp: 43394
Ion Ratio Lower Upper
43 100
58 50.9 43.4 65.0
57 18.6 15.1 22.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

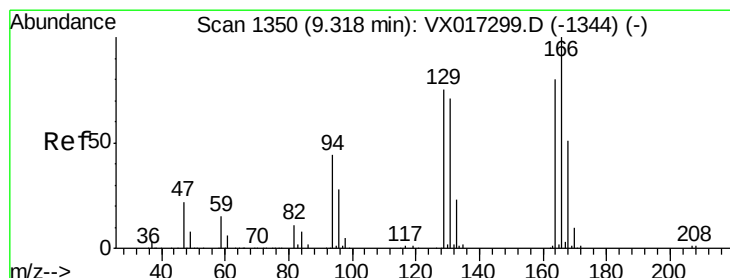
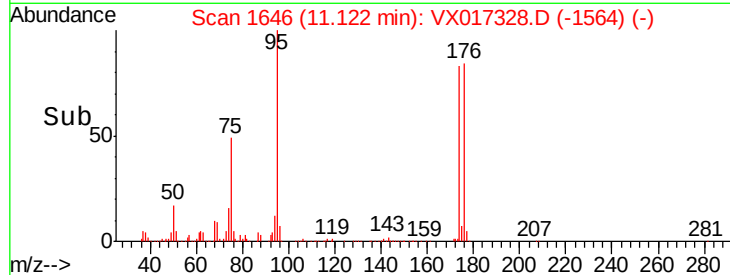
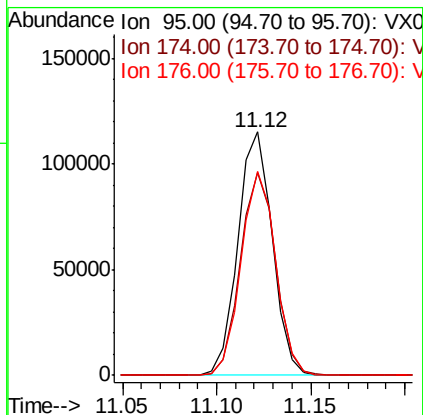
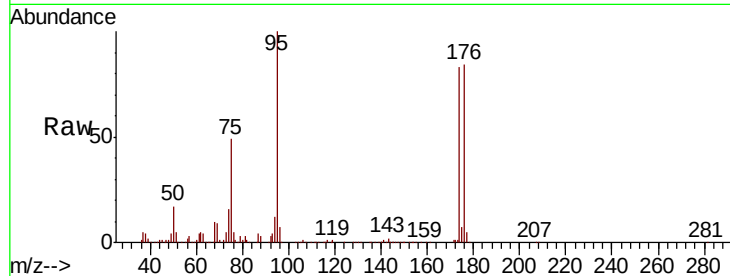




#60
4-Bromofluorobenzene
Concen: 27.168 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017328.D
Acq: 10 Jul 2020 12:15

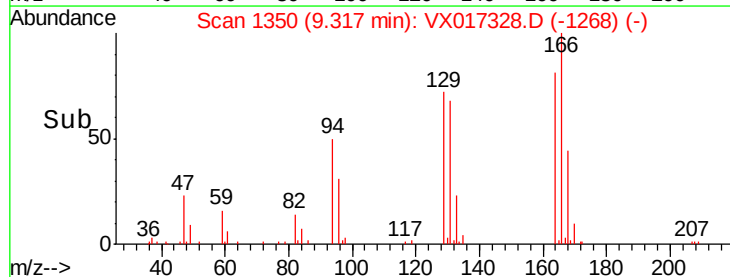
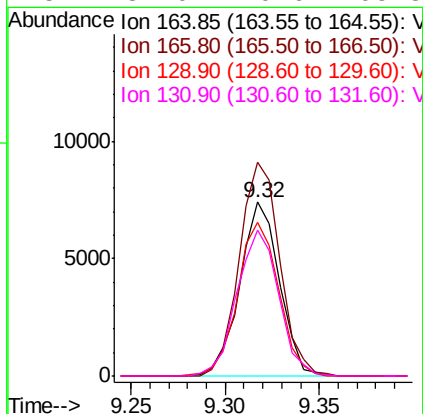
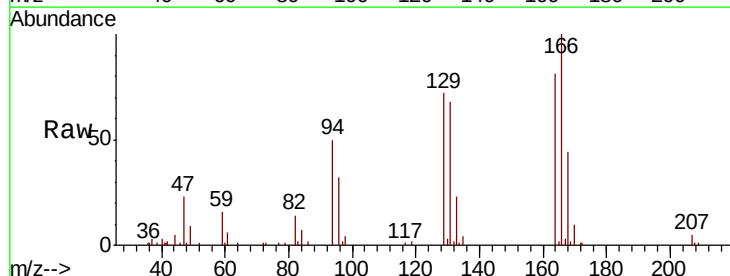
Instrument :
MSVOA_X
ClientSampleId :

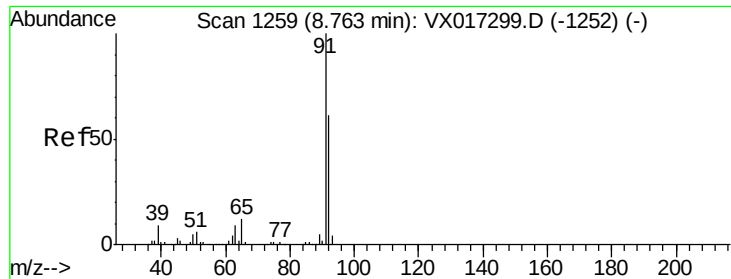
Tot Ion: 95 Resp: 146133
Ion Ratio Lower Upper
95 100
174 85.0 66.9 100.3
176 83.9 65.5 98.3



#61
Tetrachloroethene
Concen: 2.676 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017328.D
Acq: 10 Jul 2020 12:15

Tgt Ion: 164 Resp: 10747
Ion Ratio Lower Upper
164 100
166 122.8 99.8 149.6
129 88.5 74.4 111.6
131 84.0 70.6 105.8





#62

Toluene

Concen: 2.467 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

Instrument :

MSVOA_X

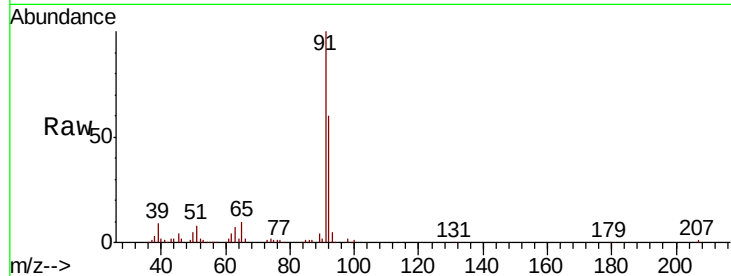
ClientSampled :

Tot Ion: 91 Resp: 36830

Ion Ratio Lower Upper

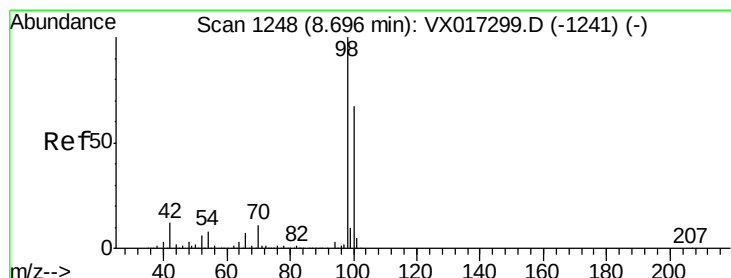
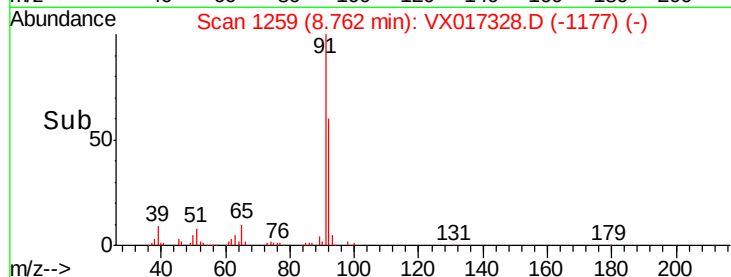
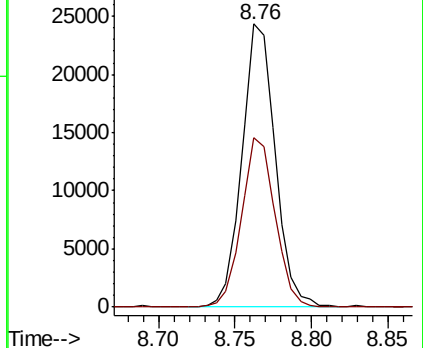
91 100

92 60.3 47.2 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0



#63

Toluene-d8

Concen: 30.360 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017328.D

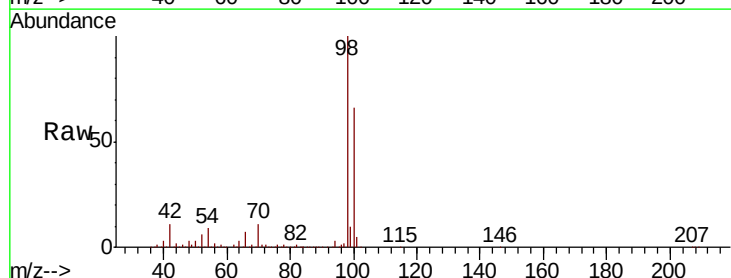
Acq: 10 Jul 2020 12:15

Tgt Ion: 98 Resp: 404903

Ion Ratio Lower Upper

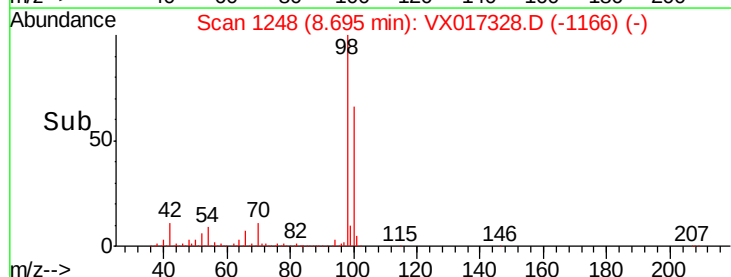
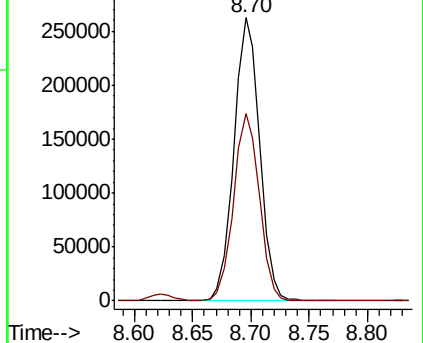
98 100

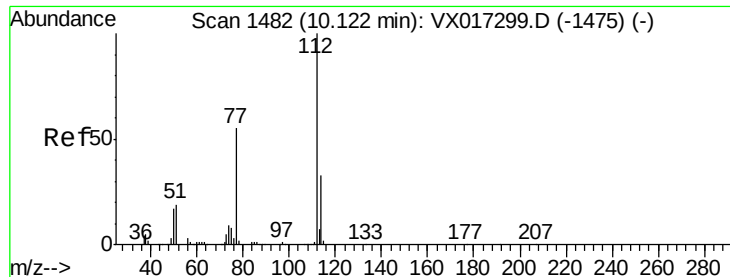
100 66.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#64

Chlorobenzene

Concen: 2.568 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

Instrument :

MSVOA_X

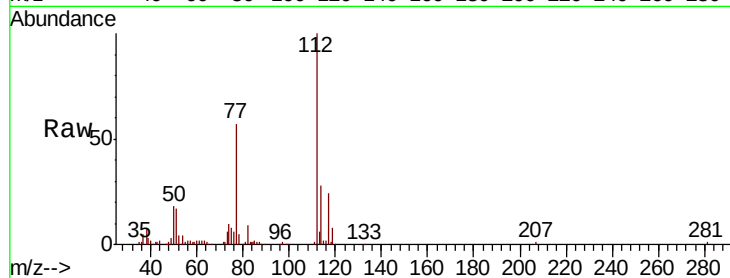
ClientSampleId :

Tot Ion:112 Resp: 25569

Ion Ratio Lower Upper

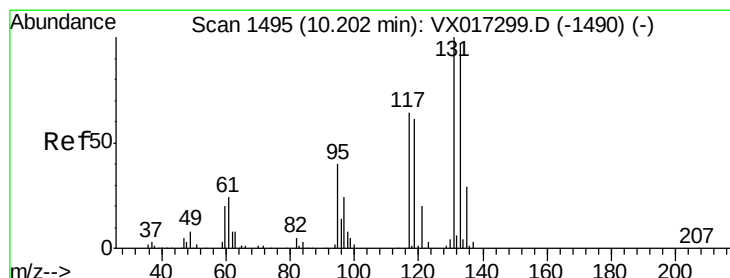
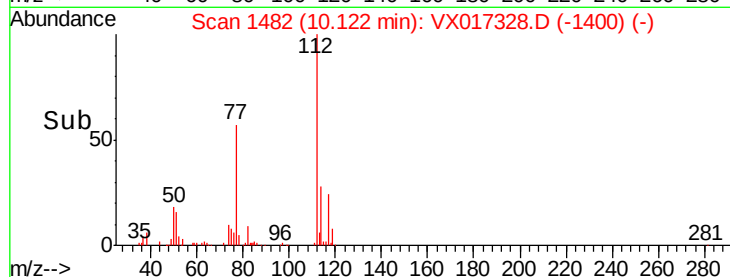
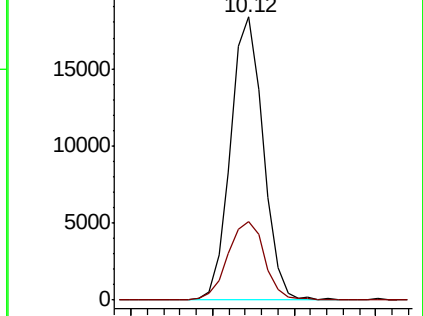
112 100

114 27.7 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#65

1,1,1,2-Tetrachloroethane

Concen: 2.500 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

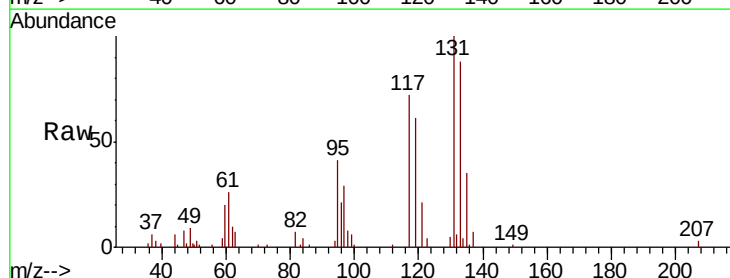
Tgt Ion:131 Resp: 10171

Ion Ratio Lower Upper

131 100

133 94.7 0.0 196.8

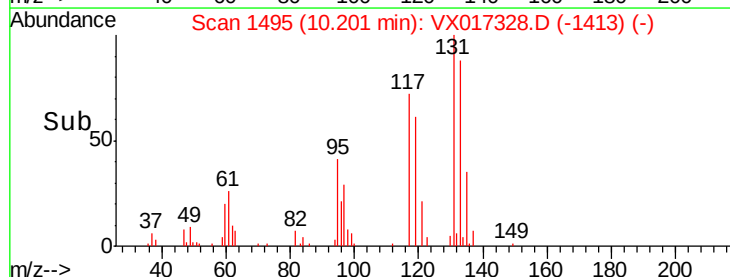
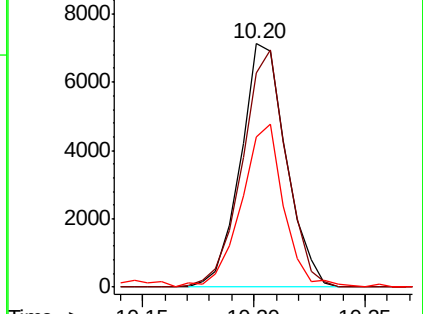
119 61.3 0.0 126.0

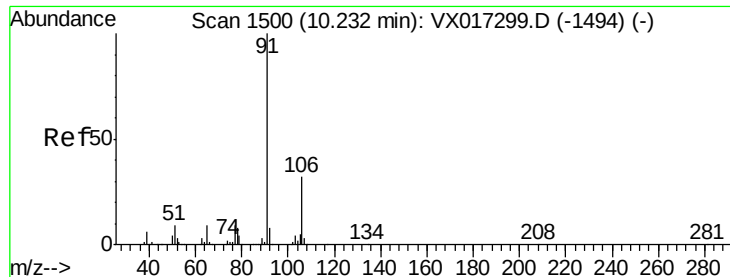


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#66

Ethyl Benzene

Concen: 2.260 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

Instrument :

MSVOA_X

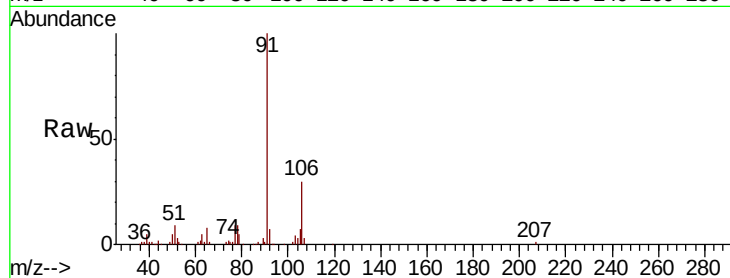
ClientSampleId :

Tot Ion: 91 Resp: 37958

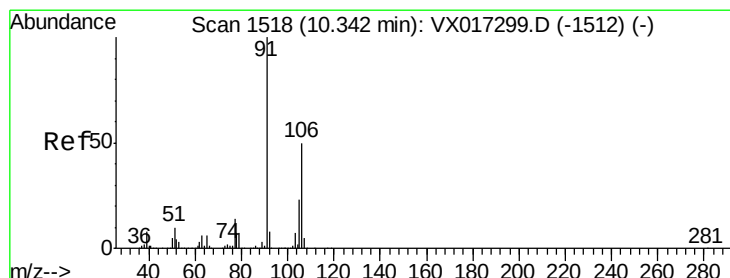
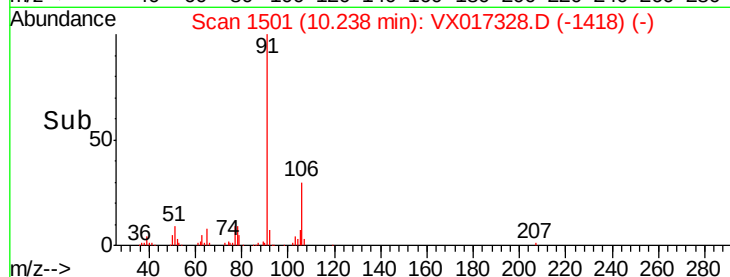
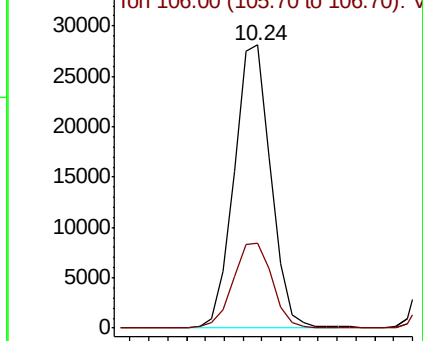
Ion Ratio Lower Upper

91 100

106 29.8 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX017299.D (-1494) (-)



#67

m/p-Xylenes

Concen: 4.440 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017328.D

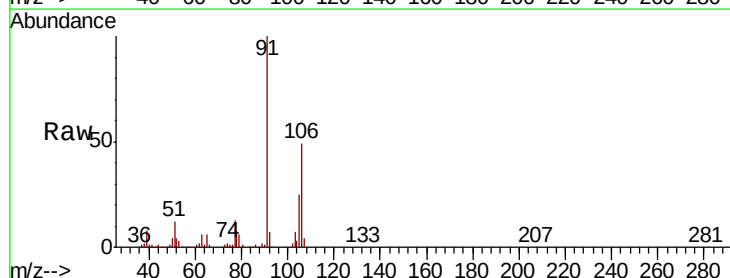
Acq: 10 Jul 2020 12:15

Tgt Ion: 106 Resp: 28814

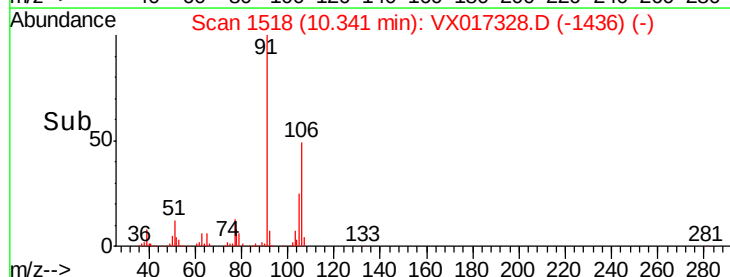
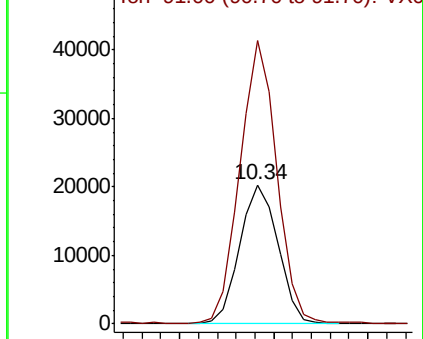
Ion Ratio Lower Upper

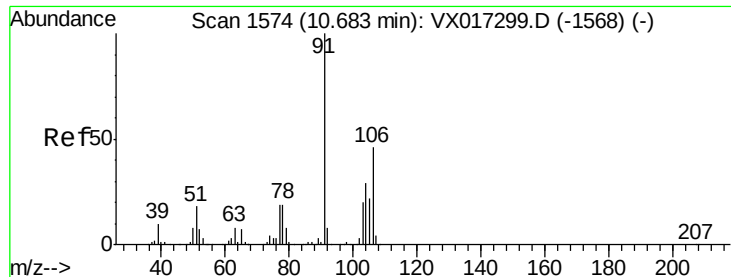
106 100

91 196.0 159.7 239.5



Abundance Ion 106.00 (105.70 to 106.70): VX017299.D (-1512) (-)





#68

o-Xylene

Concen: 2.116 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

Instrument :

MSVOA_X

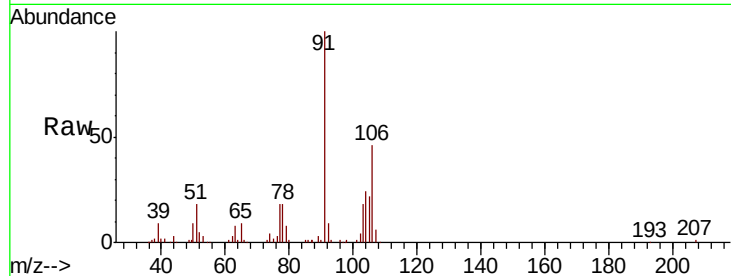
ClientSampleId :

Tot Ion:106 Resp: 13051

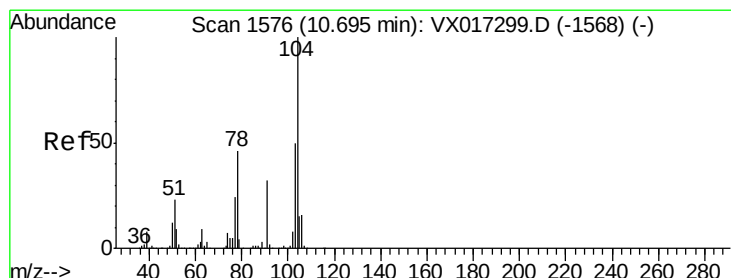
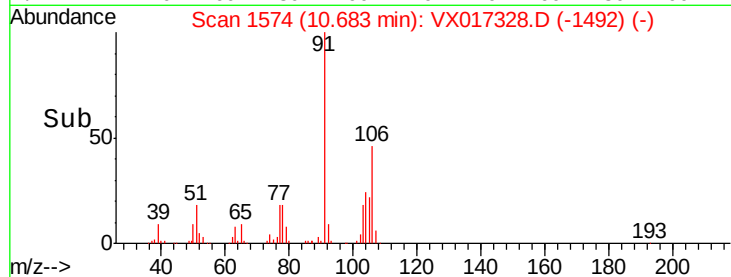
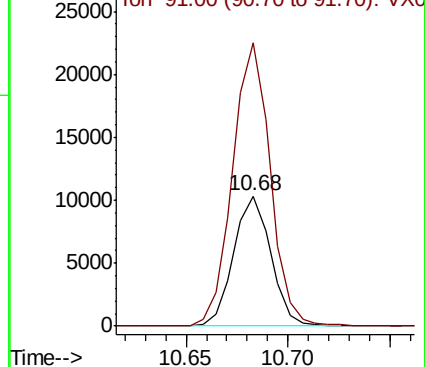
Ion Ratio Lower Upper

106 100

91 220.3 109.6 328.8



Abundance Ion 106.00 (105.70 to 106.70): V



#69

Styrene

Concen: 2.019 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

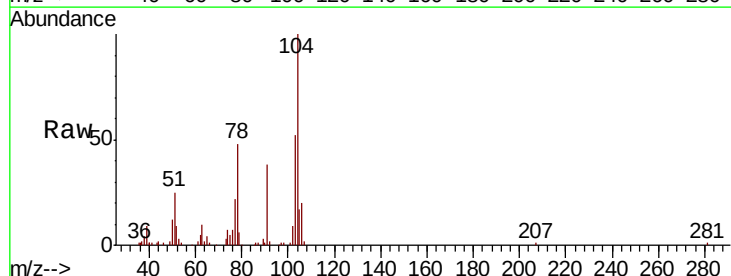
Tgt Ion:104 Resp: 22084

Ion Ratio Lower Upper

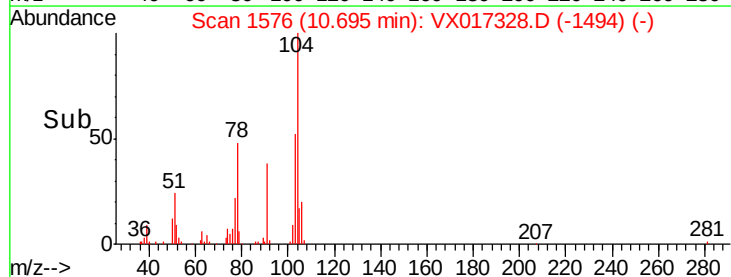
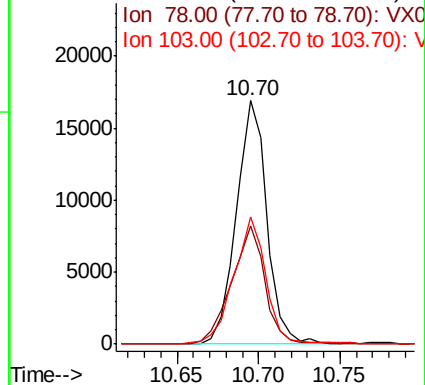
104 100

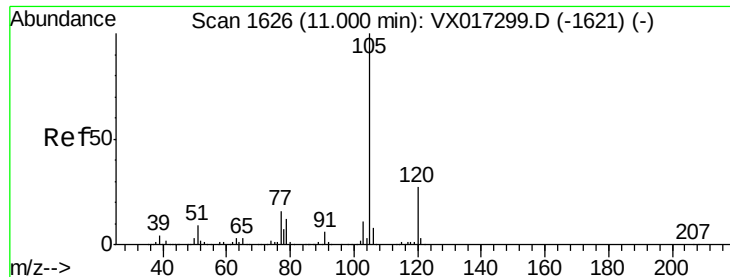
78 52.3 40.8 61.2

103 54.4 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V





#70

Isopropylbenzene

Concen: 2.167 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

Instrument :

MSVOA_X

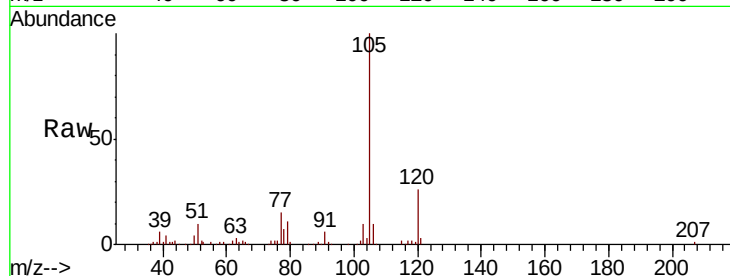
ClientSampleId :

Tot Ion:105 Resp: 36659

Ion Ratio Lower Upper

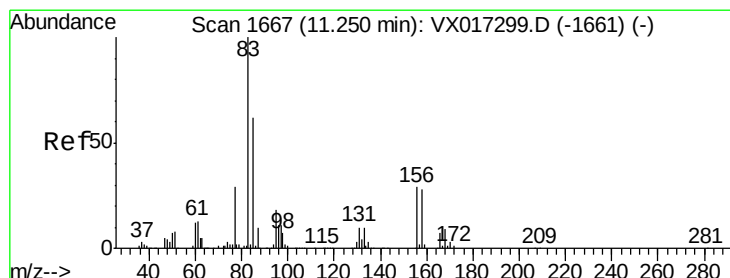
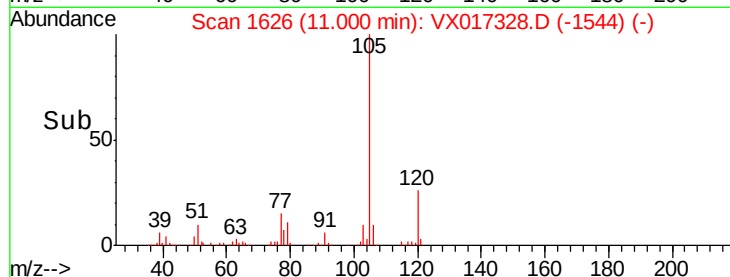
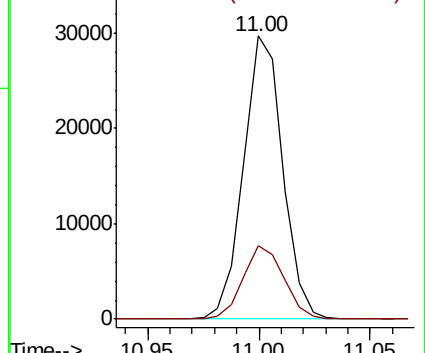
105 100

120 26.8 19.3 35.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#71

1,1,2,2-Tetrachloroethane

Concen: 2.487 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

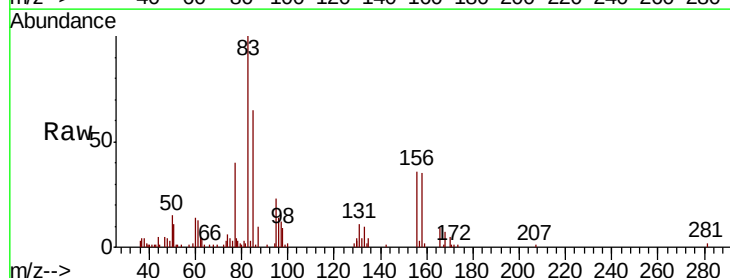
Tgt Ion: 83 Resp: 13191

Ion Ratio Lower Upper

83 100

131 12.1 5.5 16.5

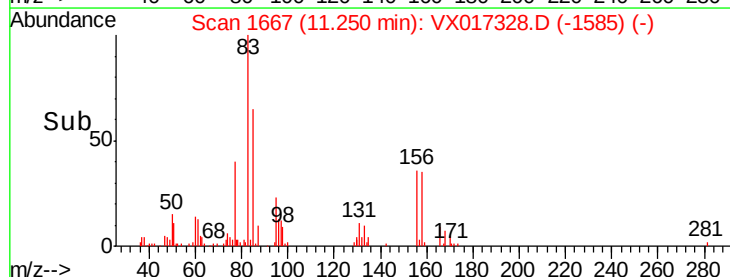
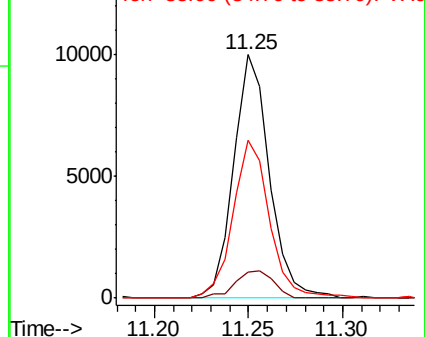
85 66.1 31.5 94.5

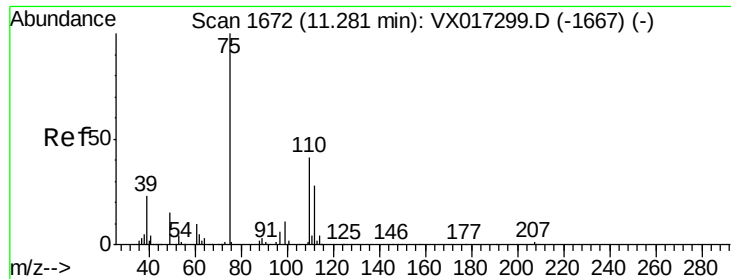


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0





#72

1,2,3-Trichloropropane

Concen: 3.228 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

Instrument :

MSVOA_X

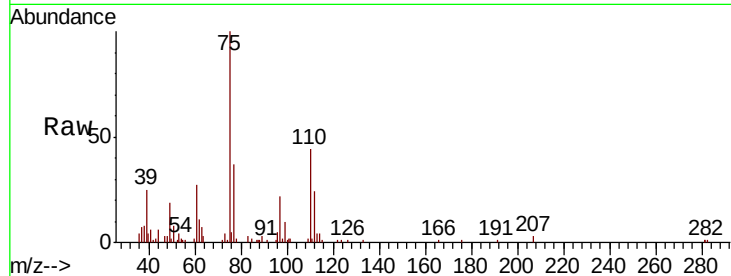
ClientSampleId :

Tot Ion: 75 Resp: 16823

Ion Ratio Lower Upper

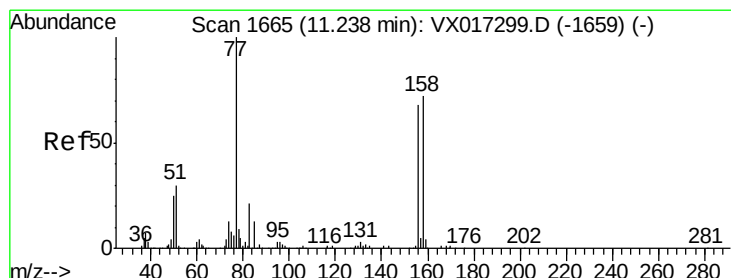
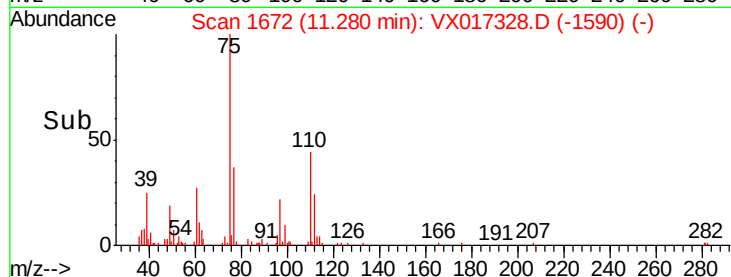
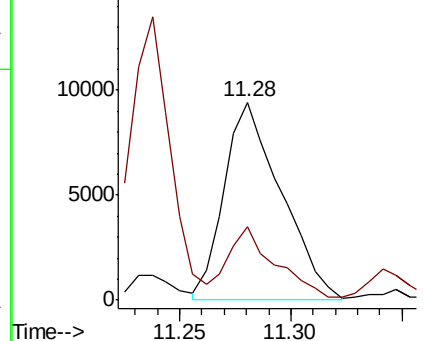
75 100

77 31.4 0.0 72.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#73

Bromobenzene

Concen: 2.460 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

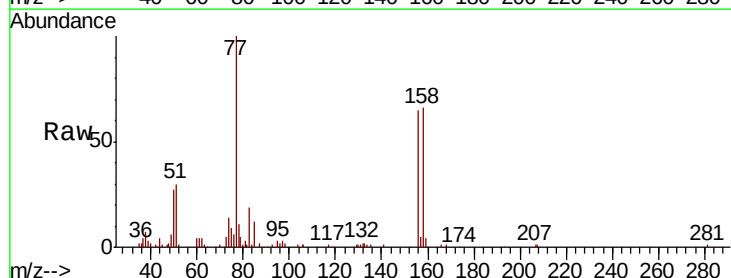
Tgt Ion: 156 Resp: 11690

Ion Ratio Lower Upper

156 100

77 146.3 0.0 299.2

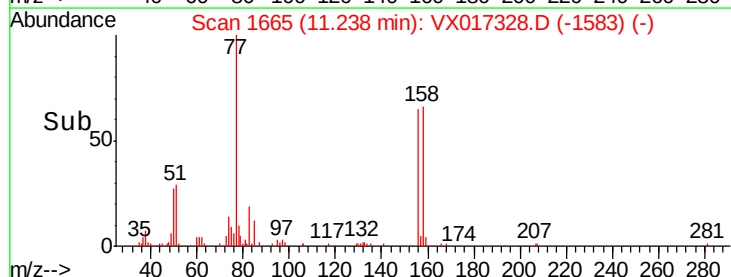
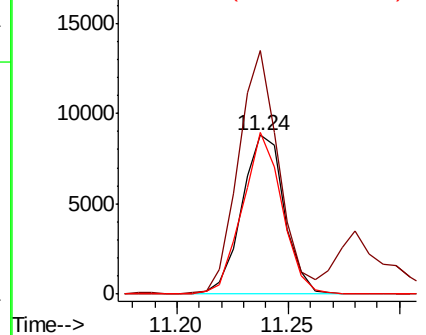
158 95.0 0.0 199.0

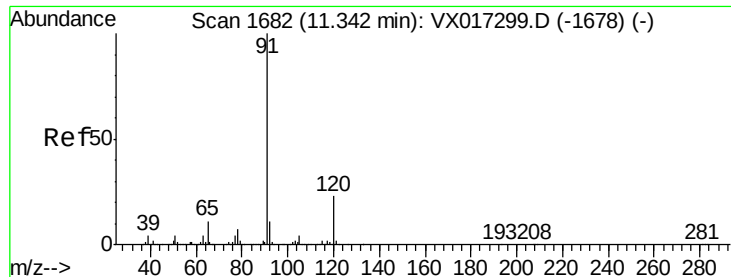


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V





#74

n-propylbenzene

Concen: 2.176 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

Instrument :

MSVOA_X

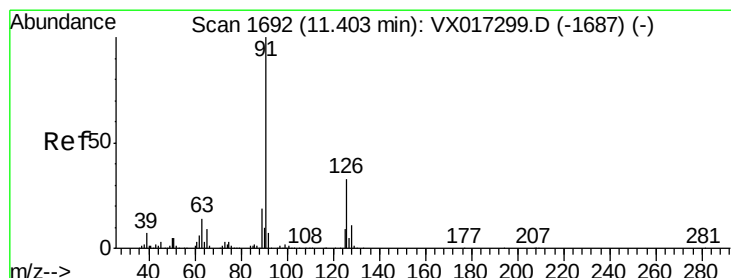
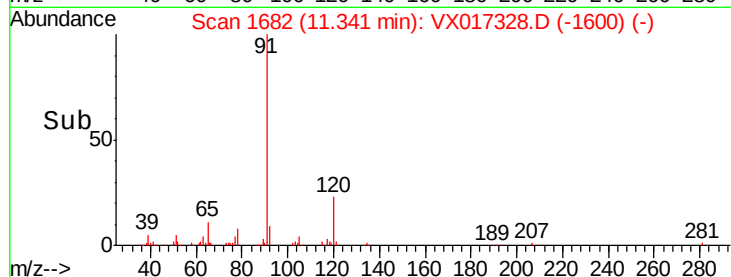
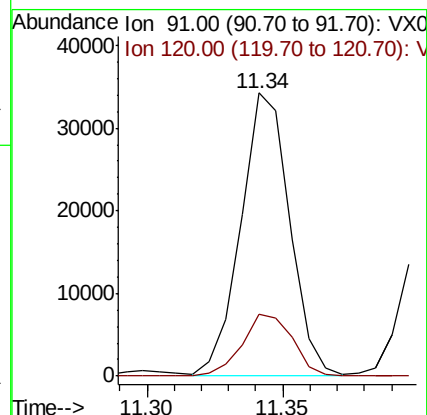
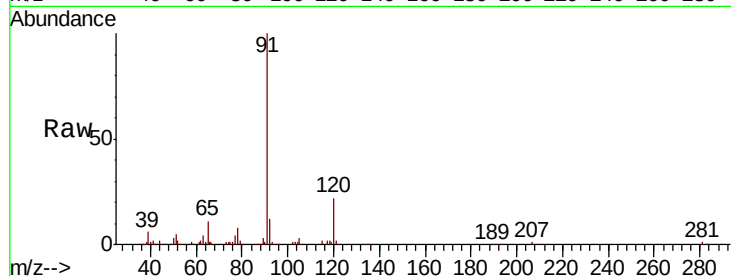
ClientSampleId :

Tot Ion: 91 Resp: 42633

Ion Ratio Lower Upper

91 100

120 22.5 0.0 48.4



#75

2-Chlorotoluene

Concen: 2.227 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017328.D

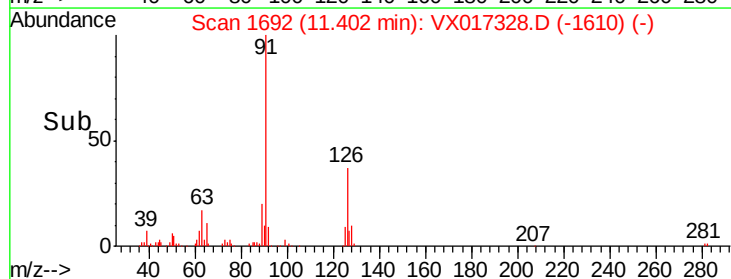
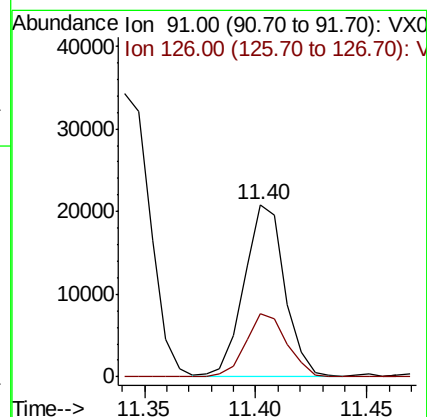
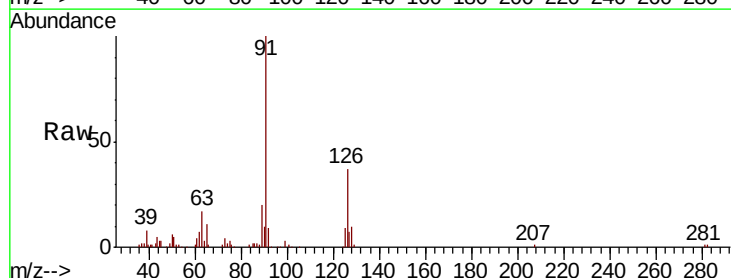
Acq: 10 Jul 2020 12:15

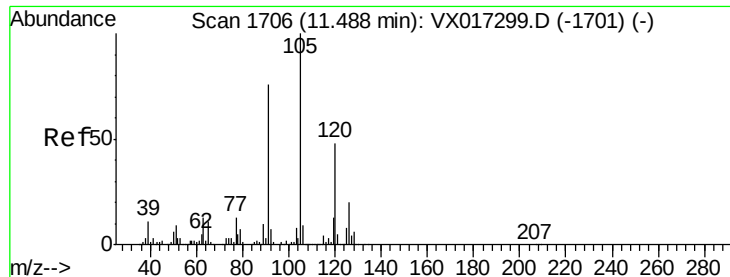
Tgt Ion: 91 Resp: 26599

Ion Ratio Lower Upper

91 100

126 37.3 0.0 68.4



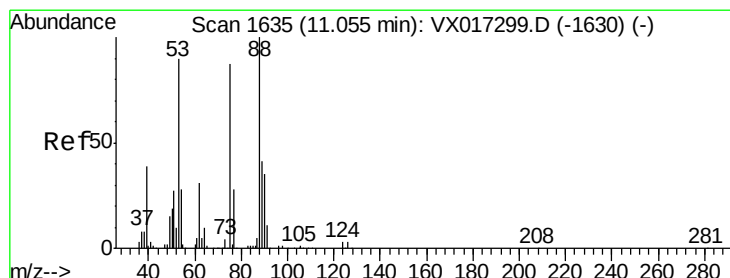
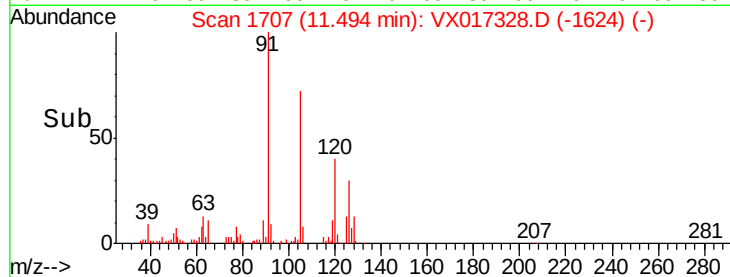
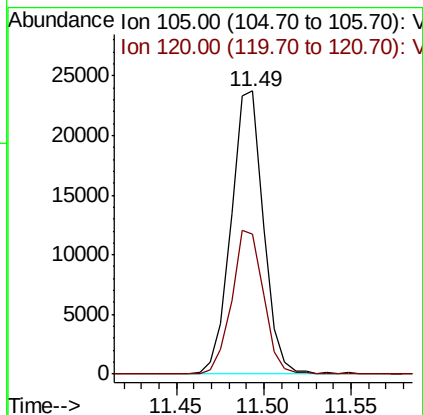
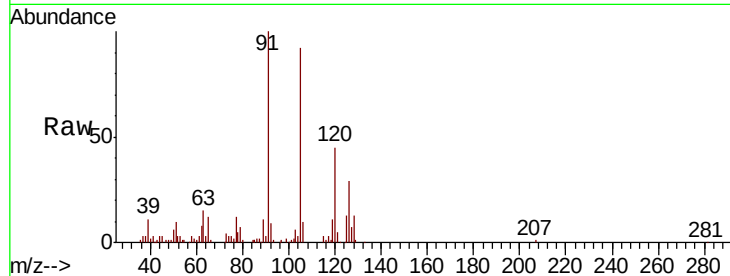


#76

1,3,5-Trimethylbenzene
Concen: 2.107 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX017328.D
Acq: 10 Jul 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :

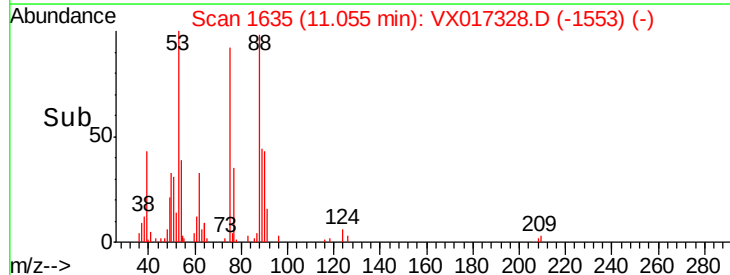
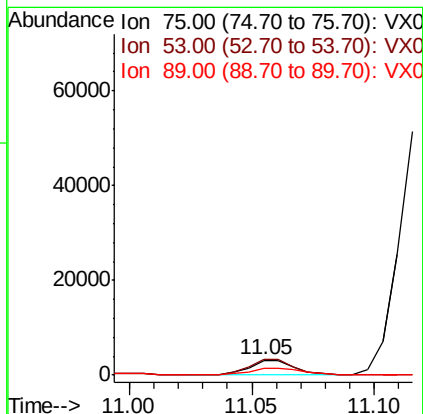
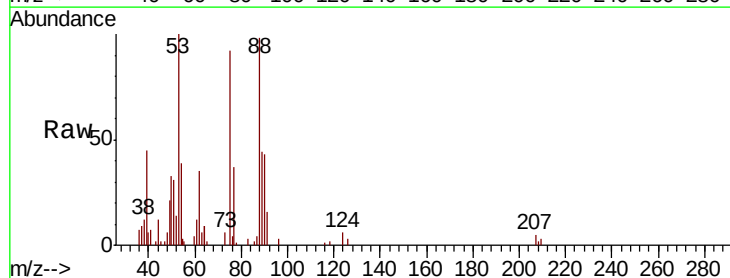
Tot Ion:105 Resp: 30572
Ion Ratio Lower Upper
105 100
120 49.3 0.0 98.8

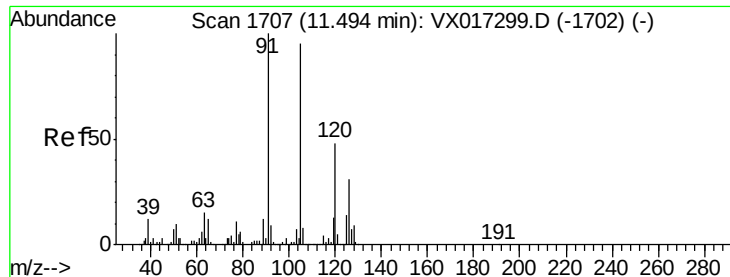


#77

t-1,4-Dichloro-2-butene
Concen: 2.074 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX017328.D
Acq: 10 Jul 2020 12:15

Tgt Ion: 75 Resp: 4121
Ion Ratio Lower Upper
75 100
53 108.6 52.1 156.3
89 46.2 23.7 71.1

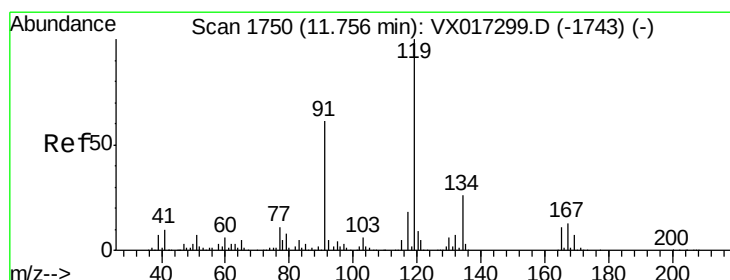
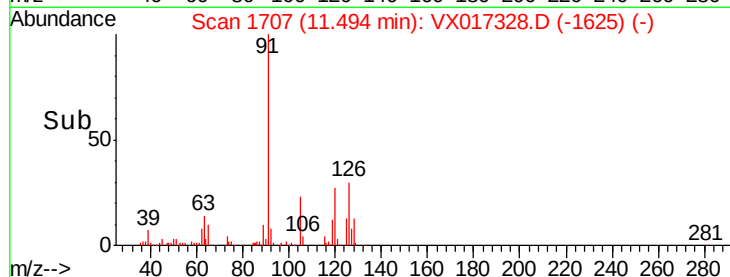
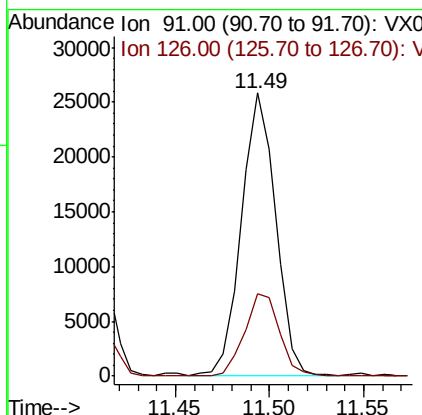
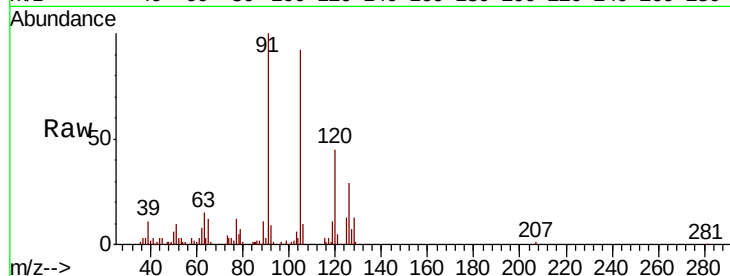




#78
4-Chlorotoluene
Concen: 2.315 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017328.D
Acq: 10 Jul 2020 12:15

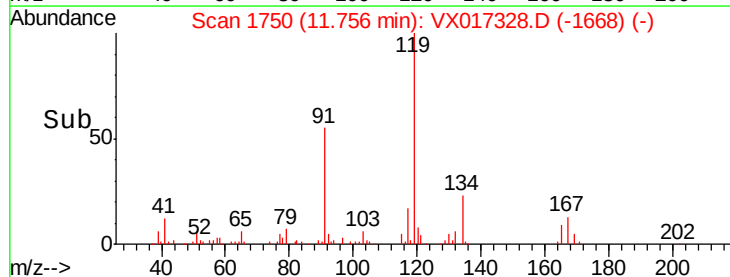
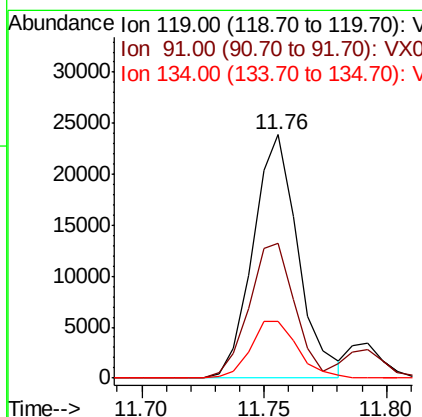
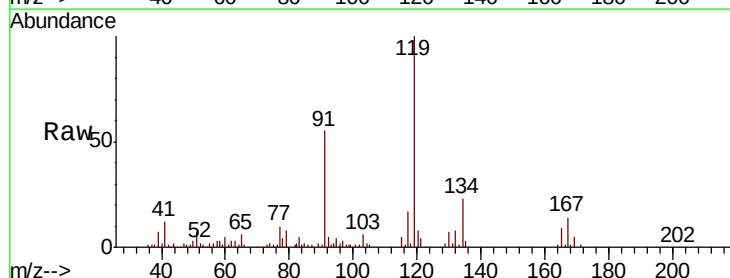
Instrument :
MSVOA_X
ClientSampled :

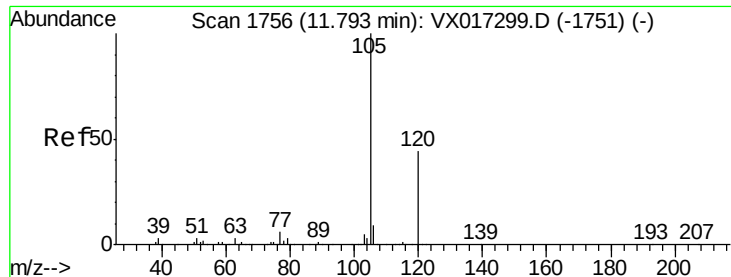
Tot Ion: 91 Resp: 32780
Ion Ratio Lower Upper
91 100
126 29.7 0.0 61.2



#79
tert-butylbenzene
Concen: 2.183 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017328.D
Acq: 10 Jul 2020 12:15

Tgt Ion: 119 Resp: 30735
Ion Ratio Lower Upper
119 100
91 56.2 0.0 113.6
134 24.6 0.0 48.0

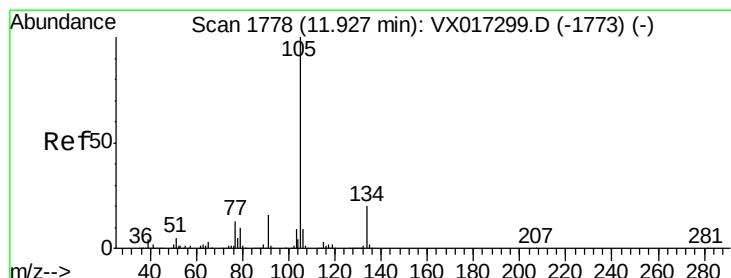
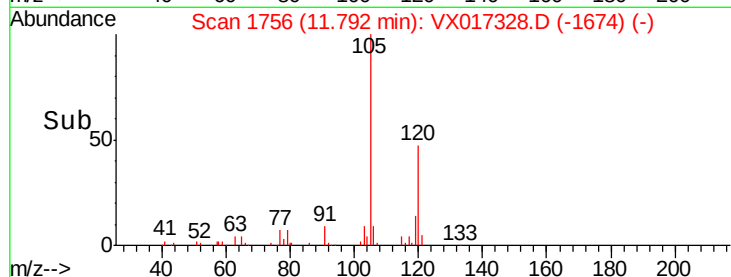
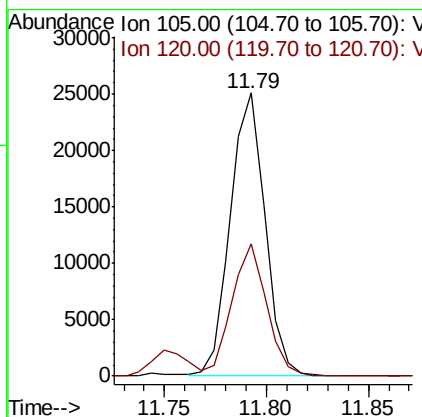
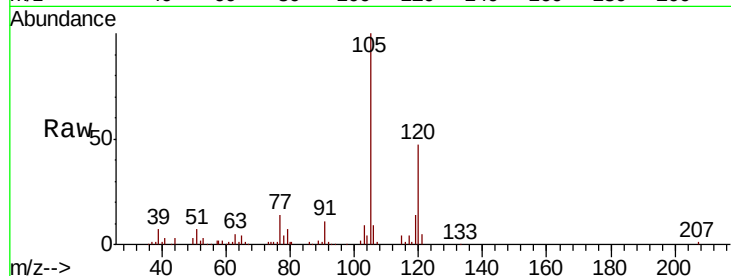




#80
 1,2,4-Trimethylbenzene
 Concen: 2.022 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017328.D
 Acq: 10 Jul 2020 12:15

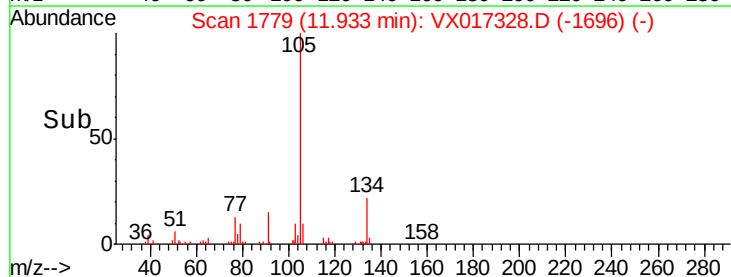
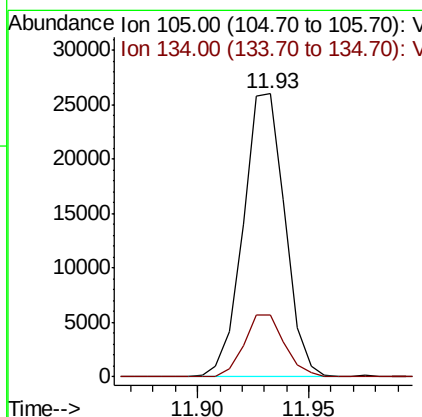
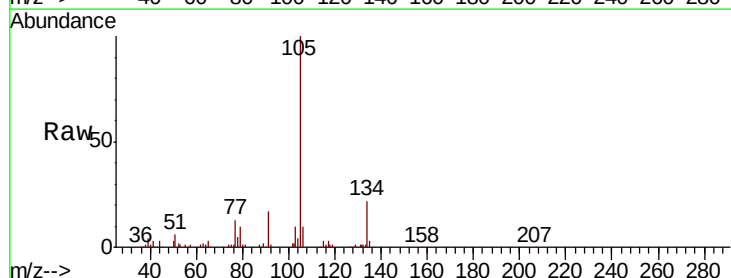
Instrument :
 MSVOA_X
 ClientSampleId :

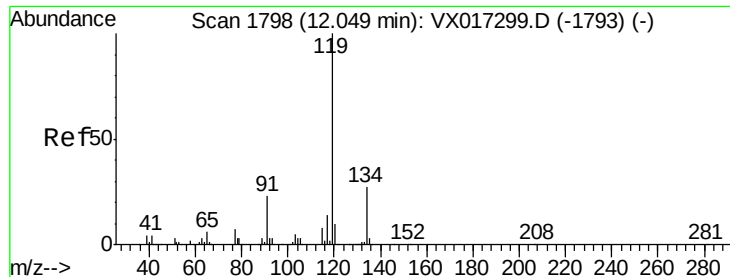
Tot Ion:105 Resp: 29609
 Ion Ratio Lower Upper
 105 100
 120 46.8 0.0 93.6



#81
 sec-Butylbenzene
 Concen: 2.096 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX017328.D
 Acq: 10 Jul 2020 12:15

Tgt Ion:105 Resp: 34014
 Ion Ratio Lower Upper
 105 100
 134 21.3 0.0 41.8





#82

p-Isopropyltoluene

Concen: 1.955 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017328.D

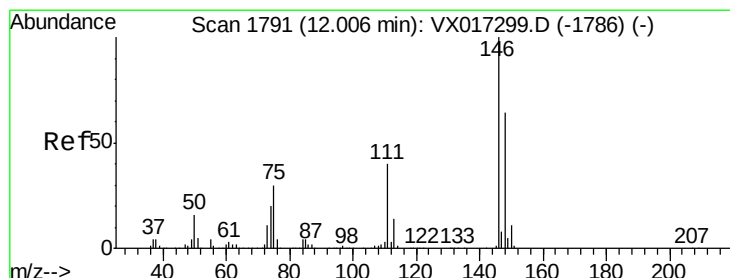
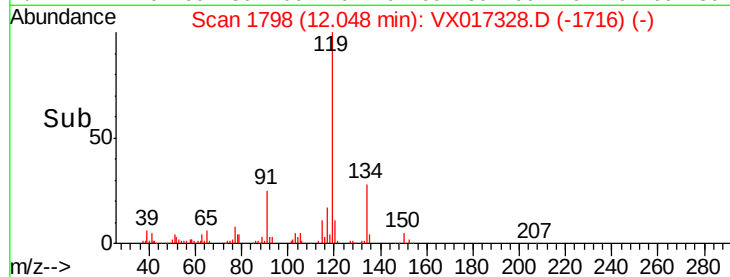
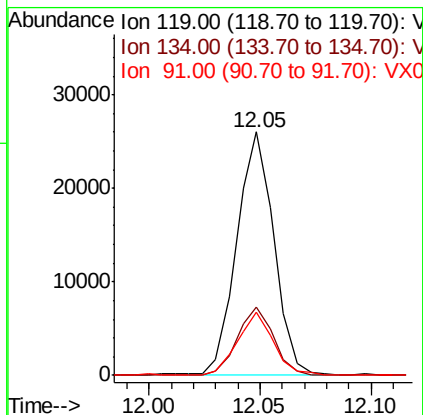
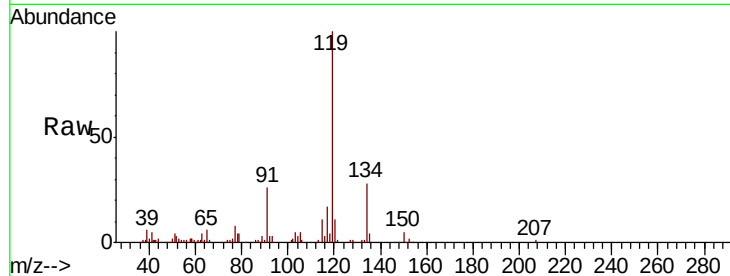
Acq: 10 Jul 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:119	Resp:	30011
Ion Ratio	Lower	Upper
119	100	
134	27.5	0.0 53.6
91	25.7	0.0 48.0



#83

1,3-Dichlorobenzene

Concen: 2.336 ug/l

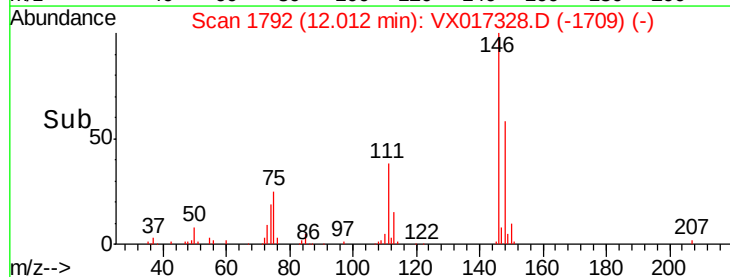
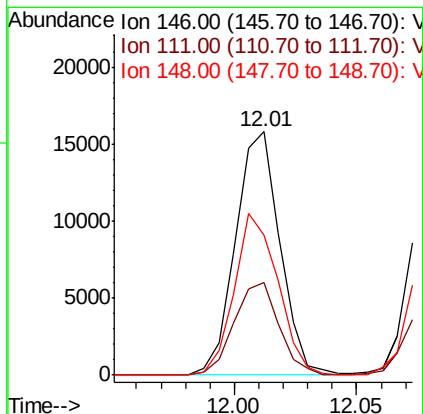
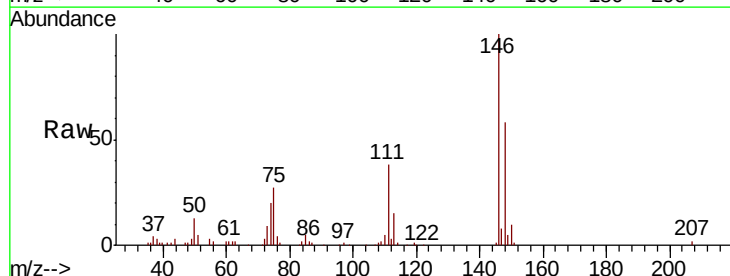
RT: 12.01 min Scan# 1792

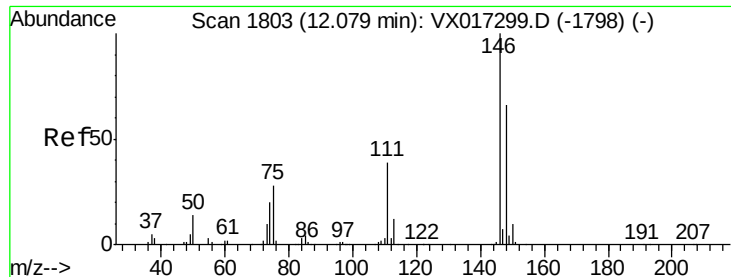
Delta R.T. 0.01 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

Tgt Ion:146	Resp:	19976
Ion Ratio	Lower	Upper
146	100	
111	38.4	19.5 58.5
148	65.2	31.8 95.3

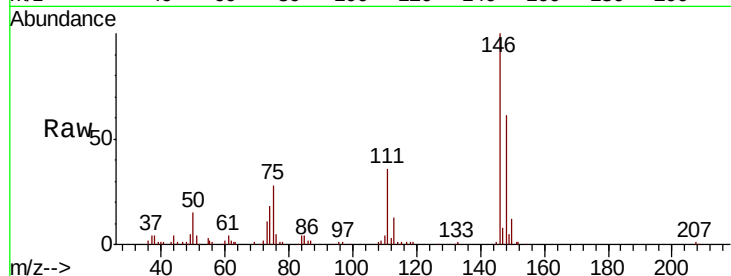




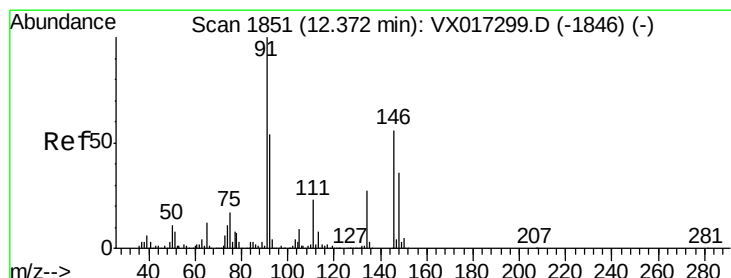
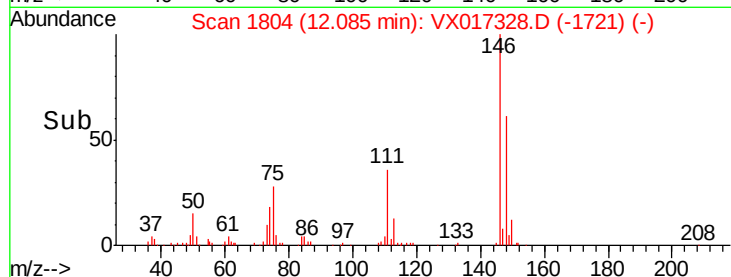
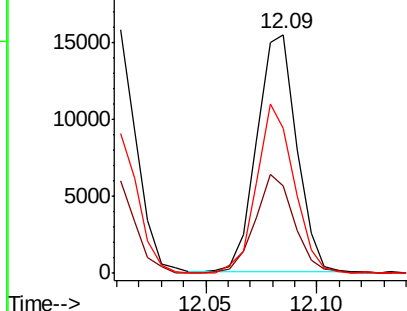
#84
 1,4-Dichlorobenzene
 Concen: 2.230 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX017328.D
 Acq: 10 Jul 2020 12:15

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:146 Resp: 19295
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.1 57.3
 148 66.7 32.6 97.8

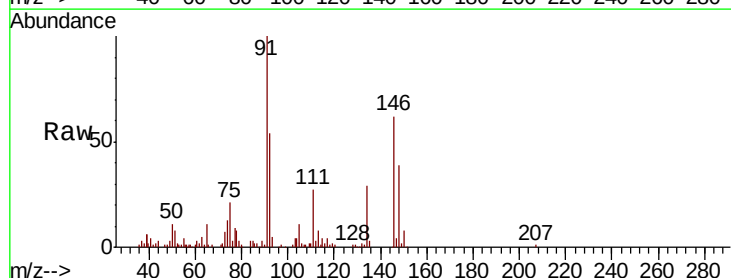


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

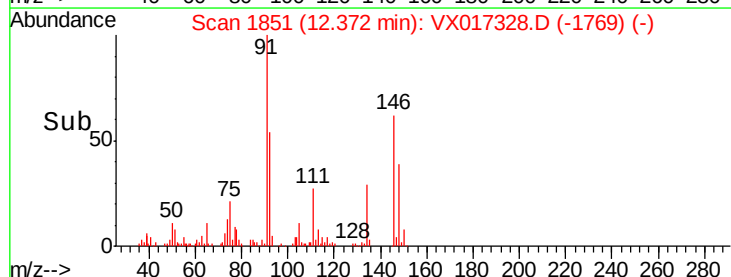
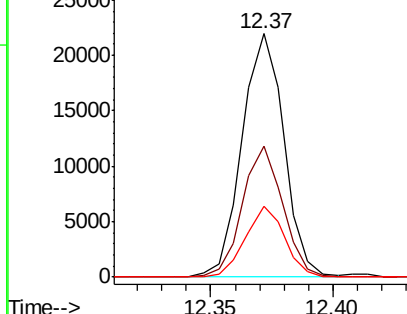


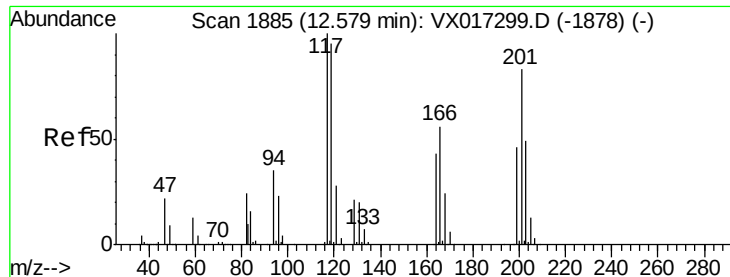
#85
 n-Butylbenzene
 Concen: 2.023 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX017328.D
 Acq: 10 Jul 2020 12:15

Tgt Ion: 91 Resp: 26233
 Ion Ratio Lower Upper
 91 100
 92 51.8 0.0 108.2
 134 27.1 0.0 54.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V





#86

Hexachloroethane

Concen: 2.172 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

Instrument :

MSVOA_X

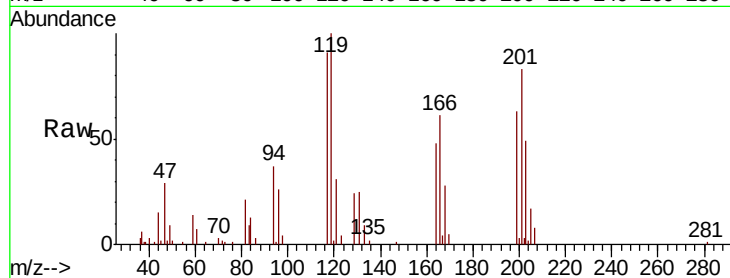
ClientSampled :

Tot Ion:117 Resp: 6450

Ion Ratio Lower Upper

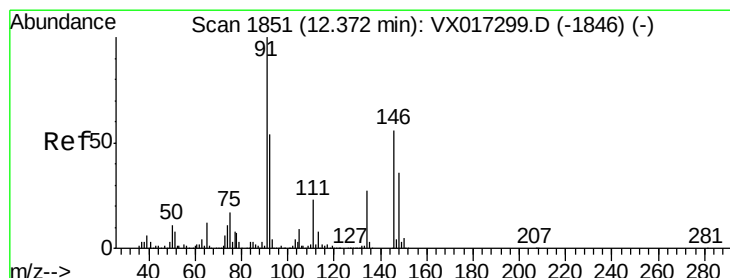
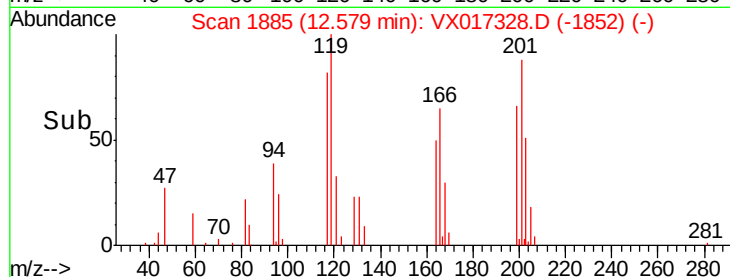
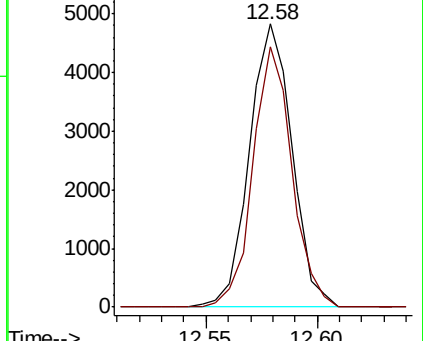
117 100

201 84.1 41.0 123.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V



#87

1,2-Dichlorobenzene

Concen: 2.292 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

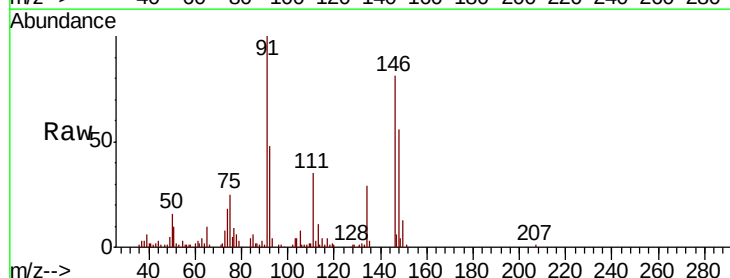
Tgt Ion:146 Resp: 18748

Ion Ratio Lower Upper

146 100

111 42.6 20.6 61.9

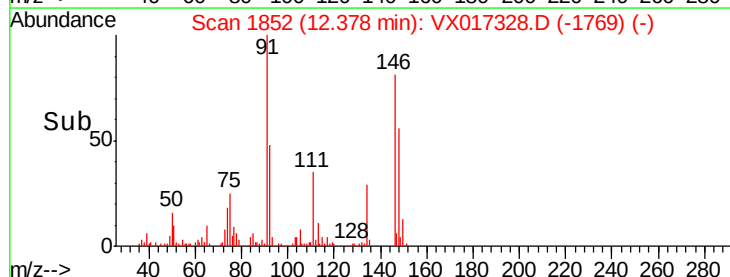
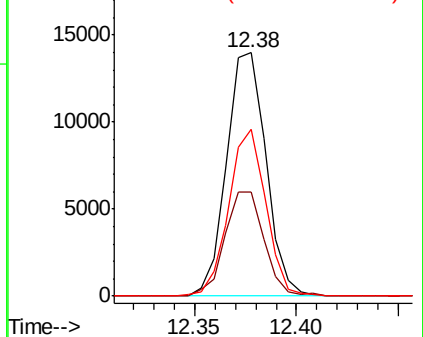
148 64.6 31.6 94.8

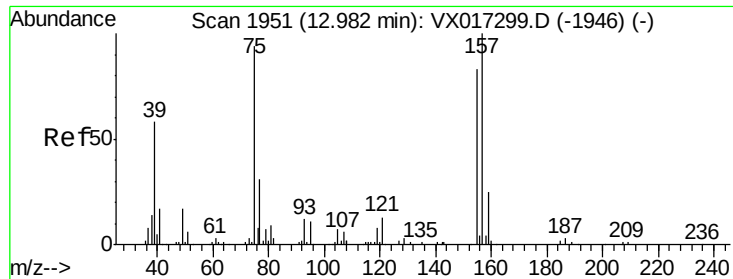


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#88

1,2-Dibromo-3-Chloropropane

Concen: 2.532 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

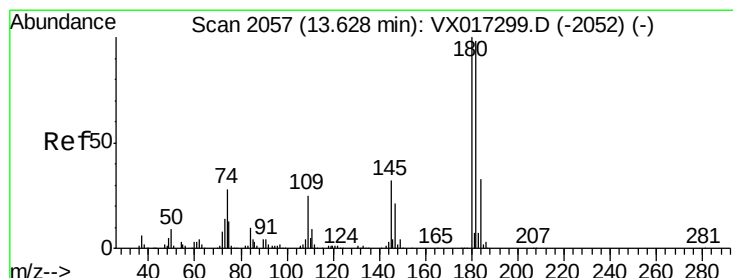
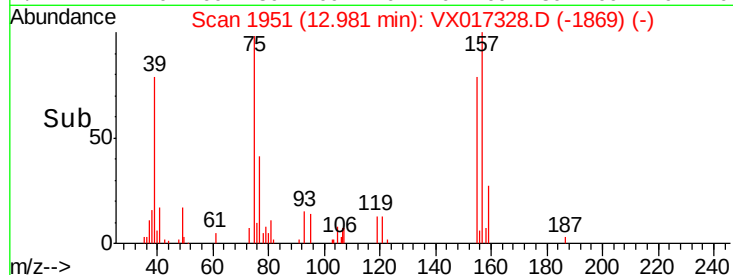
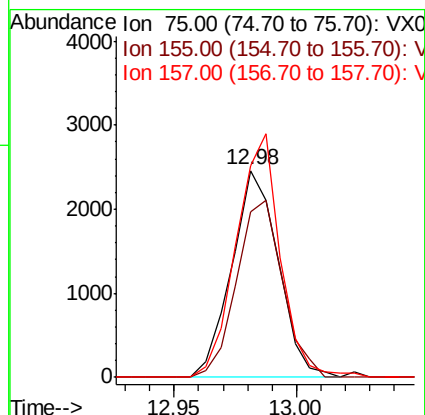
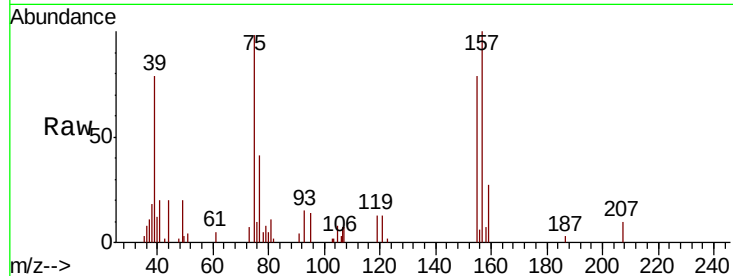
Tot Ion: 75 Resp: 3255

Ion Ratio Lower Upper

75 100

155 84.8 73.4 110.0

157 110.5 90.5 135.7



#89

1,2,4-Trichlorobenzene

Concen: 2.127 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

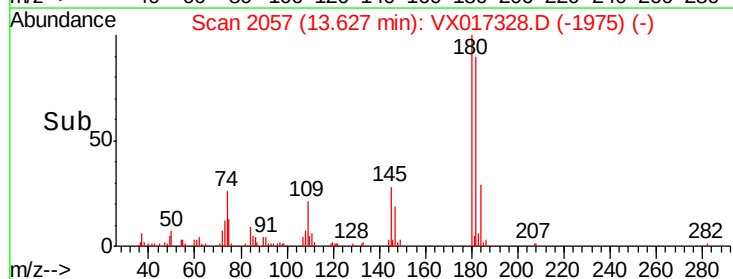
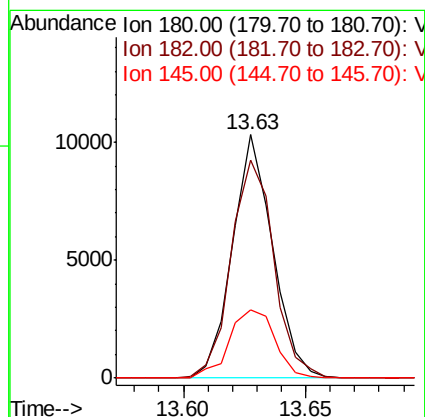
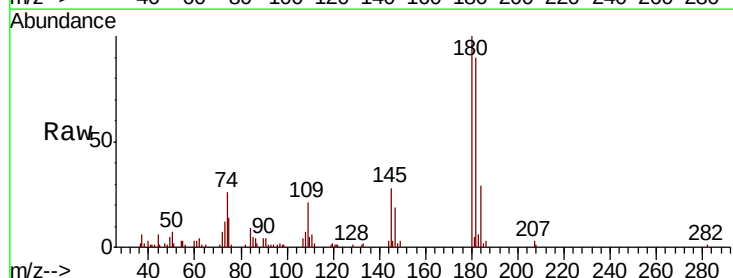
Tgt Ion:180 Resp: 11796

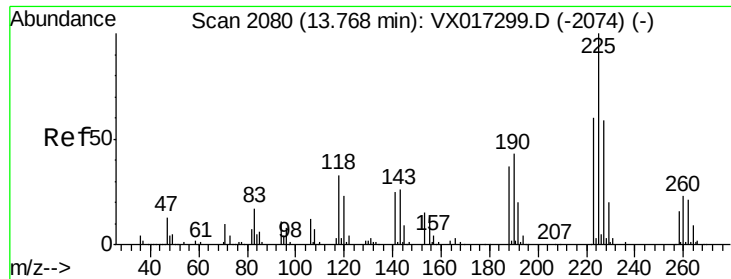
Ion Ratio Lower Upper

180 100

182 95.6 77.8 116.8

145 31.8 25.0 37.4





#90

Hexachlorobutadiene

Concen: 2.659 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

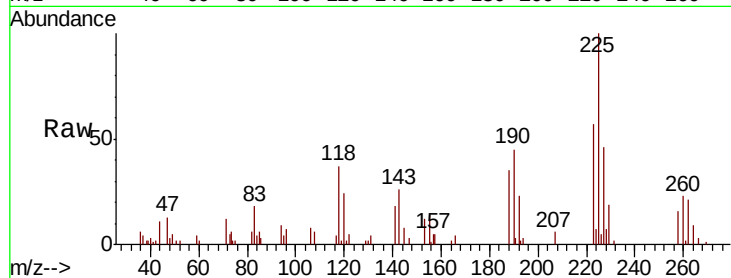
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:225 Resp: 5916

Ion	Ratio	Lower	Upper
225	100		
223	60.4	0.0	129.0
227	56.6	0.0	124.4

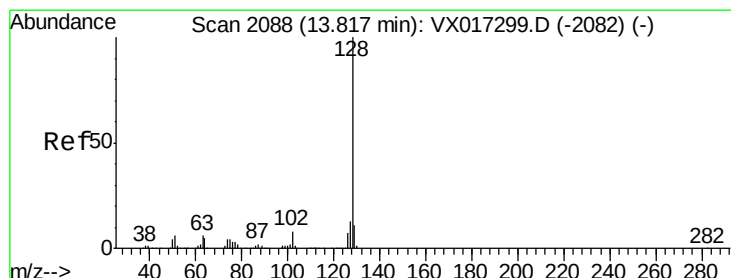
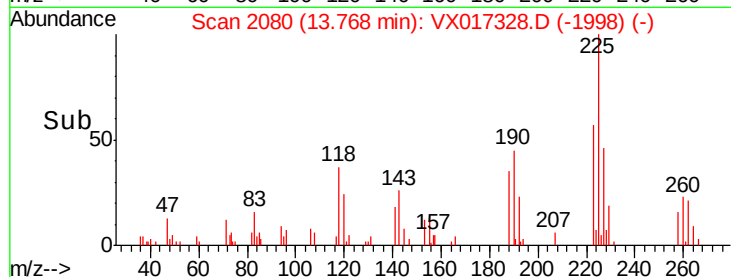
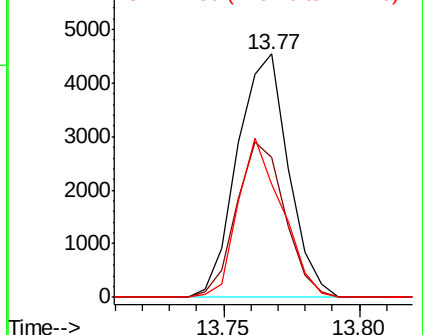


Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V



#91

Naphthalene

Concen: 1.851 ug/l

RT: 13.82 min Scan# 2088

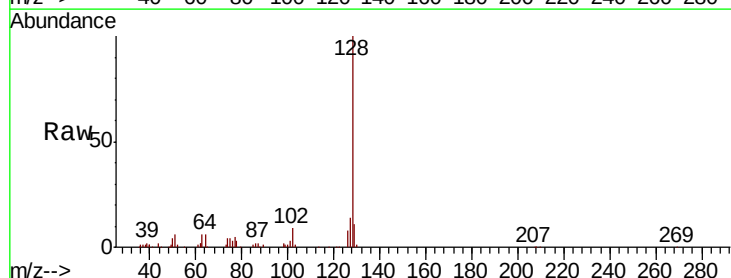
Delta R.T. -0.00 min

Lab File: VX017328.D

Acq: 10 Jul 2020 12:15

Tgt Ion:128 Resp: 31481

Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.3	15.5
129	11.5	9.0	13.4

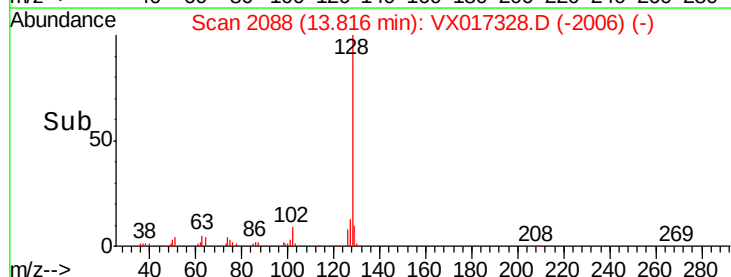
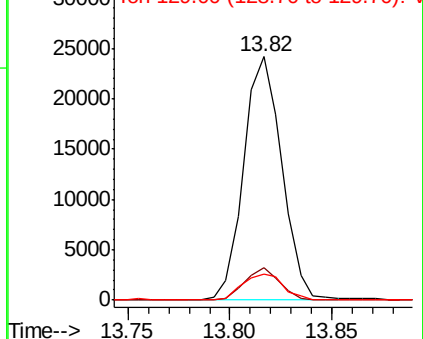


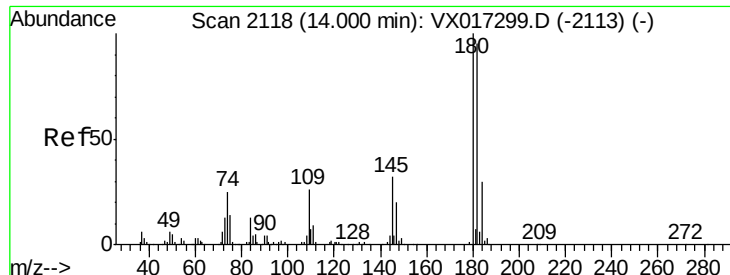
Abundance

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

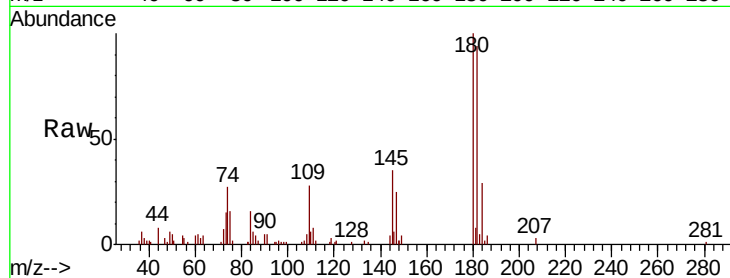




#92
 1,2,3-Trichlorobenzene
 Concen: 1.993 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VX017328.D
 Acq: 10 Jul 2020 12:15

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.1	0.0	185.6
145	34.3	0.0	63.0



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

