

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071020\
 Data File : VX017324.D
 Acq On : 10 Jul 2020 10:16
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 11 00:37:57 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	56416	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.82	114	295453	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	275524	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	123306	30.41	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.37%
60) 4-Bromofluorobenzene	11.12	95	141124	30.02	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.07%
63) Toluene-d8	8.70	98	363355	31.18	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.93%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	57408	23.278 ug/l	98
3) Chloromethane	1.32	50	59251	22.552 ug/l	100
4) Vinyl Chloride	1.39	62	59559	22.000 ug/l	100
5) Bromomethane	1.64	94	42640	23.631 ug/l	99
6) Chloroethane	1.71	64	37955	21.203 ug/l	99
7) Trichlorofluoromethane	1.92	101	109398	22.748 ug/l	95
8) Diethyl Ether	2.17	74	36814	21.578 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	59422	22.598 ug/l	97
10) 1,1-Dichloroethene	2.35	96	54744	21.116 ug/l	100
11) Methyl Iodide	2.49	142	66193	21.683 ug/l	99
12) Methyl Acetate	2.75	43	76360	21.139 ug/l	96
13) Acrolein	2.27	56	50450	107.999 ug/l	99
14) Acrylonitrile	3.11	53	168917	103.640 ug/l	99
15) Acetone	2.42	58	38502	93.669 ug/l	90
16) Carbon Disulfide	2.55	76	156664	22.279 ug/l	99
17) Allyl chloride	2.70	41	102253	21.201 ug/l	94
18) Methylene Chloride	2.83	84	68518	21.458 ug/l	98
19) trans-1,2-Dichloroethene	3.14	96	67399	22.235 ug/l	100
20) Diisopropyl ether	3.82	45	210630	21.844 ug/l	92
21) 1,1-Dichloroethane	3.67	63	118005	21.834 ug/l	99
22) cis-1,2-Dichloroethene	4.56	96	74949	21.673 ug/l	99
23) tert-Butyl Alcohol	3.01	59	65121	96.829 ug/l	# 100
24) Methyl tert-Butyl Ether	3.17	73	211965	21.416 ug/l	100
25) Chloroform	5.17	83	125469	21.788 ug/l	93
26) Cyclohexane	5.54	56	96149	22.835 ug/l	# 100
29) 1,1-Dichloropropene	5.77	75	91788	22.529 ug/l	98
30) 2-Butanone	4.63	43	222379	99.787 ug/l	99
31) 2,2-Dichloropropane	4.54	77	112082	21.958 ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	118252	22.293 ug/l	97
33) Carbon Tetrachloride	5.75	117	106394	21.751 ug/l	96
34) Benzene	6.11	78	261370	21.559 ug/l	97
35) Methacrylonitrile	4.99	41	48842	19.575 ug/l	92
36) 1,2-Dichloroethane	6.16	62	101303	21.218 ug/l	100
37) Trichloroethene	7.19	130	79773	21.878 ug/l	96
38) Methylcyclohexane	7.44	83	96910	22.572 ug/l	100
39) 1,2-Dichloropropane	7.49	63	68339	21.573 ug/l	98
40) Dibromomethane	7.63	93	47440	20.787 ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071020\
 Data File : VX017324.D
 Acq On : 10 Jul 2020 10:16
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 11 00:37:57 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)
41) Bromodichloromethane	7.87	83	100290	21.057	ug/l	99
42) Vinyl Acetate	3.78	43	898293	105.477	ug/l	100
43) Ethyl Acetate	4.79	43	86600	19.756	ug/l	100
44) Isopropyl Acetate	6.40	43	146415	20.075	ug/l	99
45) 1,4-Dioxane	7.71	88	26236	377.387	ug/l	96
46) Methyl methacrylate	7.74	41	70399	19.814	ug/l	97
47) n-amyl Acetate	10.88	43	124366	19.258	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	106999	20.350	ug/l	98
49) cis-1,3-Dichloropropene	8.41	75	116289	21.136	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	72100	21.325	ug/l	96
51) Ethyl methacrylate	9.16	69	97675	19.829	ug/l	96
52) 1,3-Dichloropropane	9.35	76	115880	21.041	ug/l	99
53) Dibromochloromethane	9.56	129	85011	20.598	ug/l	98
54) 1,2-Dibromoethane	9.65	107	74693	20.662	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	267630	111.828	ug/l	99
56) Bromoform	10.84	173	63810	19.820	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	451271	103.367	ug/l	99
59) 2-Hexanone	9.47	43	342415	102.888	ug/l	99
61) Tetrachloroethene	9.32	164	80757	23.008	ug/l	98
62) Toluene	8.76	91	286304	21.950	ug/l	99
64) Chlorobenzene	10.12	112	183327	21.066	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.20	131	76943	21.640	ug/l	97
66) Ethyl Benzene	10.23	91	313831	21.381	ug/l	98
67) m/p-Xylenes	10.34	106	247247	43.602	ug/l	97
68) o-Xylene	10.68	106	114855	21.314	ug/l	97
69) Styrene	10.69	104	203690	21.314	ug/l	99
70) Isopropylbenzene	11.00	105	317452	21.476	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	97451	21.022	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	122578	26.918	ug/l	92
73) Bromobenzene	11.24	156	89908	21.649	ug/l	95
74) n-propylbenzene	11.34	91	372968	21.781	ug/l	99
75) 2-Chlorotoluene	11.40	91	223941	21.452	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	274682	21.660	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	34823	20.055	ug/l	96
78) 4-Chlorotoluene	11.49	91	266007	21.495	ug/l	100
79) tert-butylbenzene	11.76	119	264718	21.512	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	281346	21.990	ug/l	99
81) sec-Butylbenzene	11.93	105	310181	21.868	ug/l	99
82) p-Isopropyltoluene	12.05	119	294292	21.942	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	160764	21.510	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	158381	20.943	ug/l	99
85) n-Butylbenzene	12.37	91	245976	21.704	ug/l	99
86) Hexachloroethane	12.58	117	56418	21.744	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	150875	21.110	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	22187	19.754	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	101249	20.888	ug/l	97
90) Hexachlorobutadiene	13.77	225	44105	22.683	ug/l	98
91) Naphthalene	13.82	128	302164	20.332	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	99938	20.730	ug/l	96

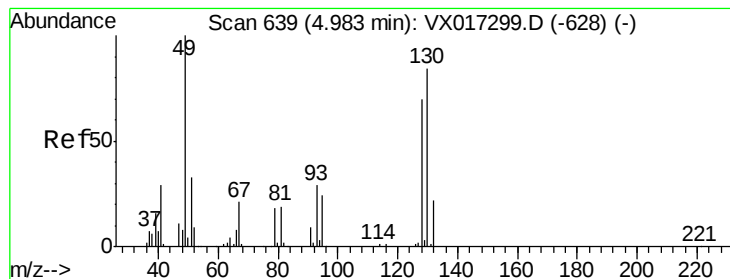
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071020\
Data File : VX017324.D
Acq On : 10 Jul 2020 10:16
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 11 00:37:57 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)
--------------------	------	------	----------	------	-------	----------

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

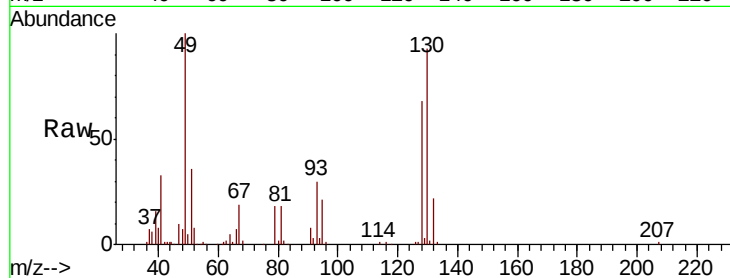
Tot Ion:128 Resp: 56416

Ion Ratio Lower Upper

128 100

49 149.1 0.0 358.8

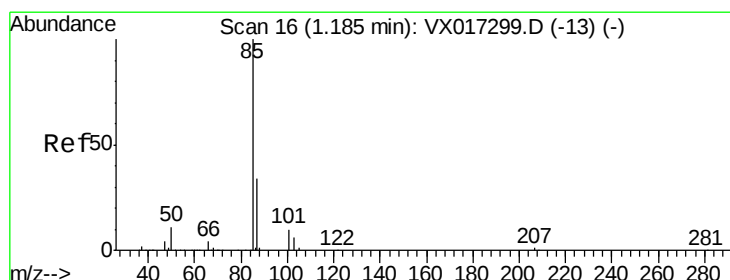
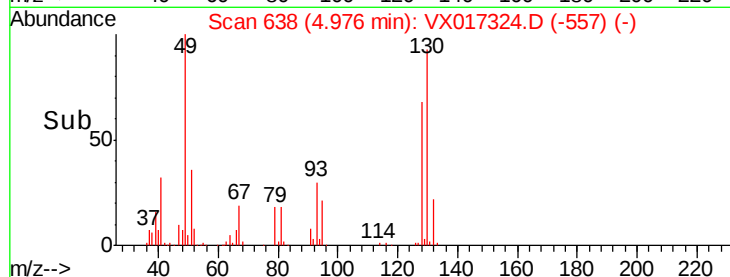
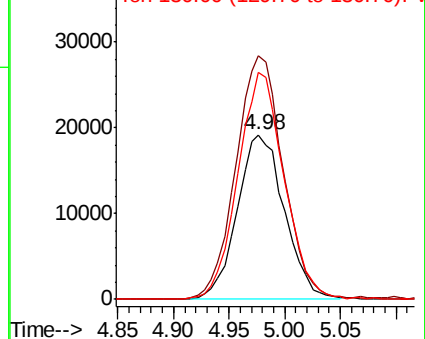
130 135.1 0.0 323.8



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



#2

Dichlorodifluoromethane

Concen: 23.278 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017324.D

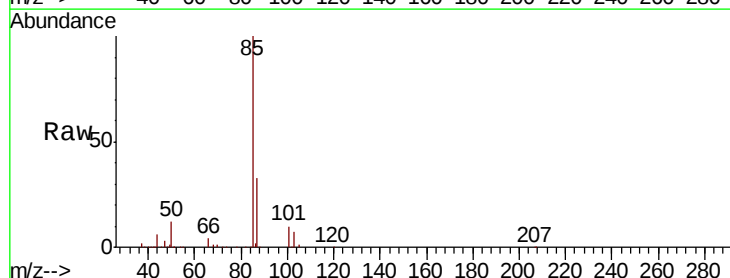
Acq: 10 Jul 2020 10:16

Tgt Ion: 85 Resp: 57408

Ion Ratio Lower Upper

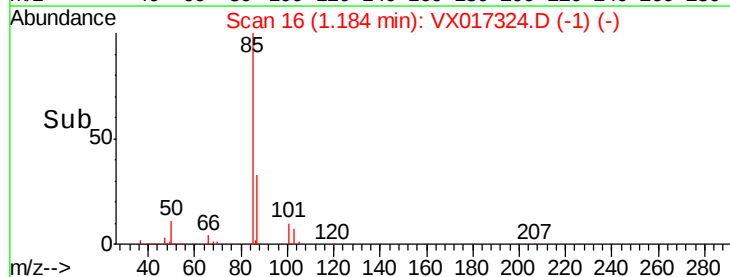
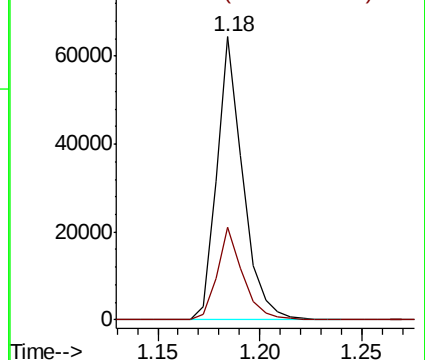
85 100

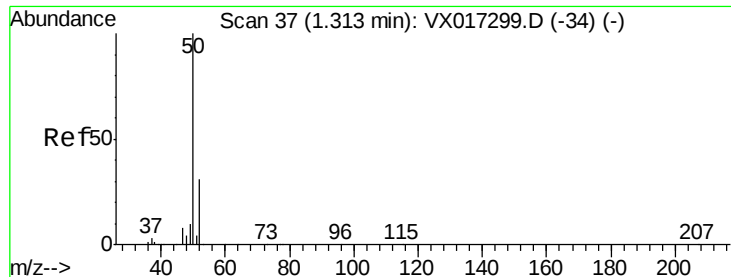
87 32.6 16.9 50.6



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 22.552 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

Instrument :

MSVOA_X

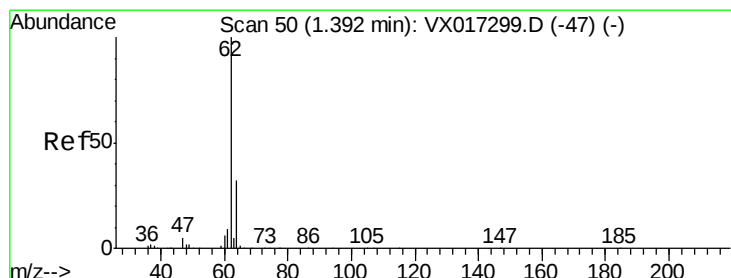
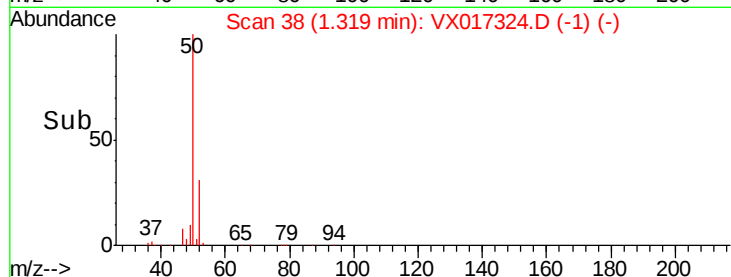
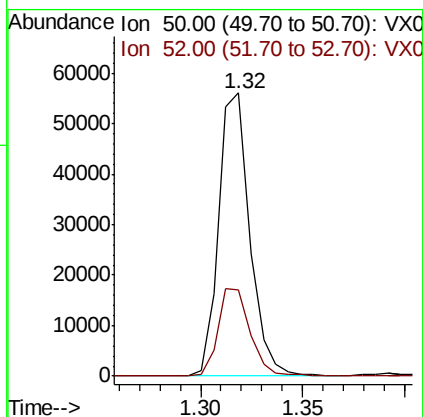
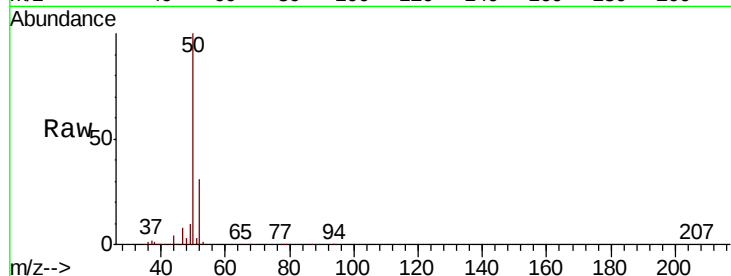
ClientSampleId :

Tot Ion: 50 Resp: 59251

Ion Ratio Lower Upper

50 100

52 30.8 24.8 37.2



#4

Vinyl Chloride

Concen: 22.000 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017324.D

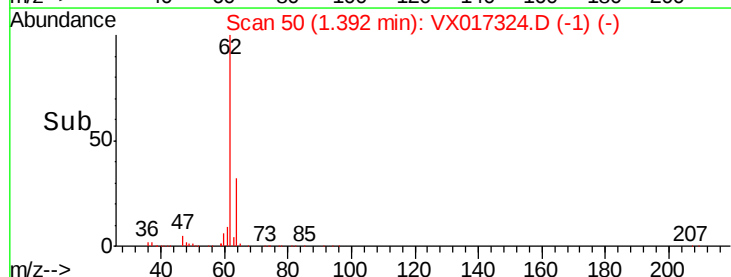
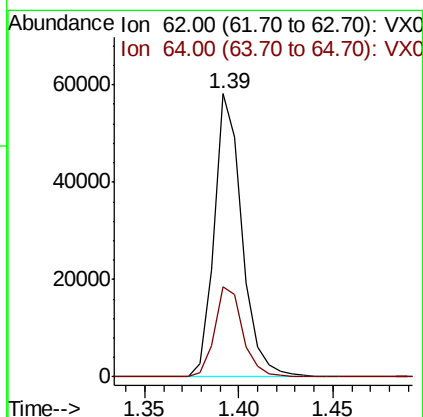
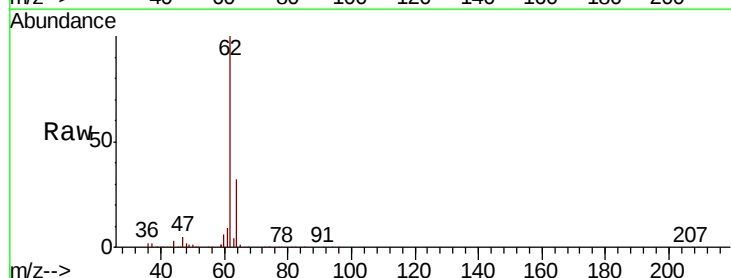
Acq: 10 Jul 2020 10:16

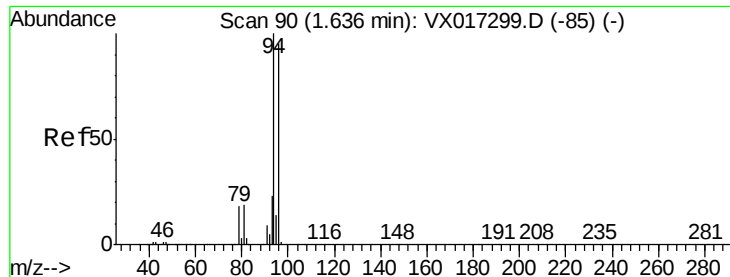
Tgt Ion: 62 Resp: 59559

Ion Ratio Lower Upper

62 100

64 31.7 25.3 37.9





#5

Bromomethane

Concen: 23.631 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

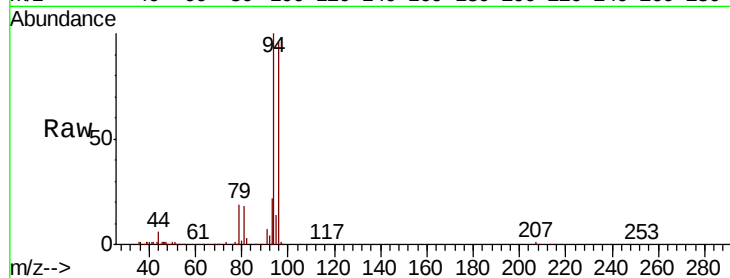
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 42640

Ion Ratio Lower Upper

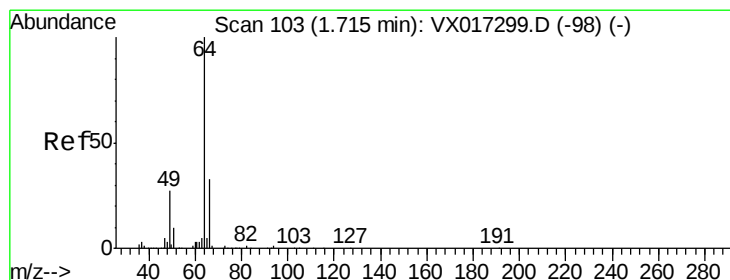
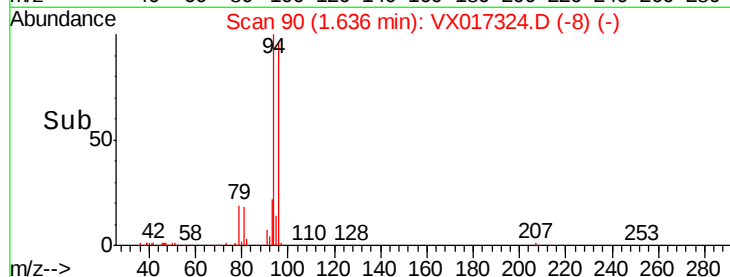
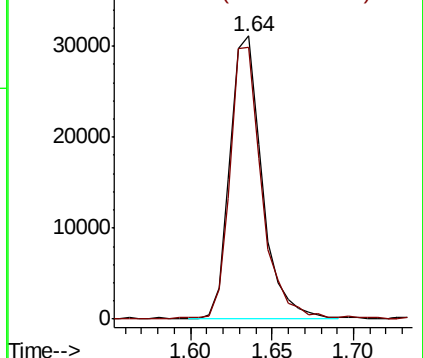
94 100

96 95.3 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: 21.203 ug/l

RT: 1.71 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX017324.D

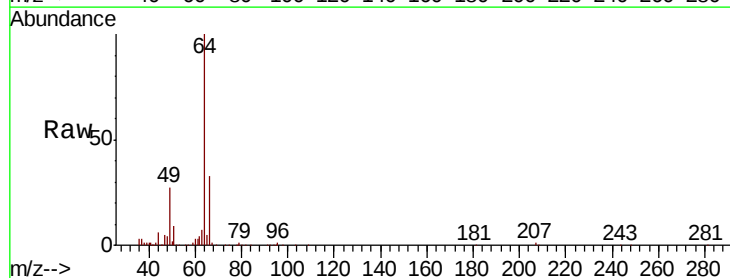
Acq: 10 Jul 2020 10:16

Tgt Ion: 64 Resp: 37955

Ion Ratio Lower Upper

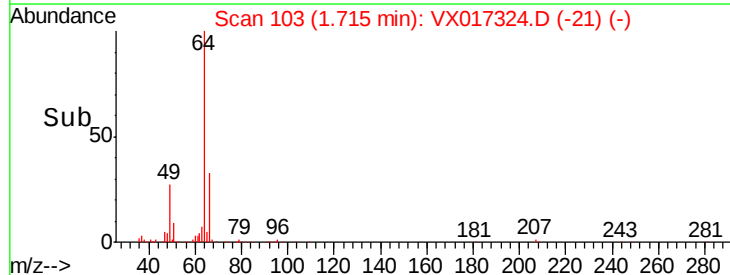
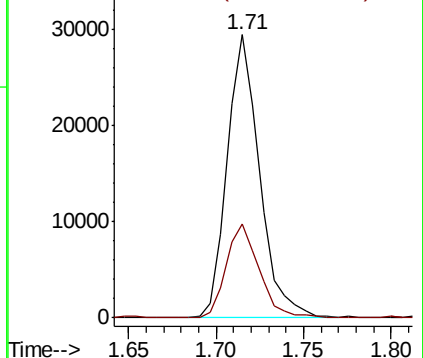
64 100

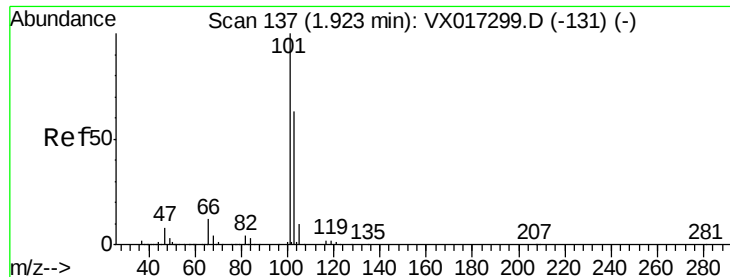
66 33.4 26.1 39.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



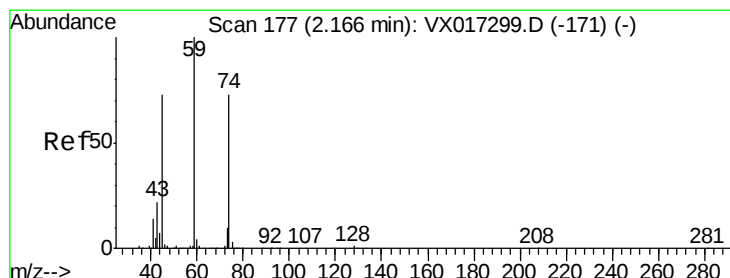
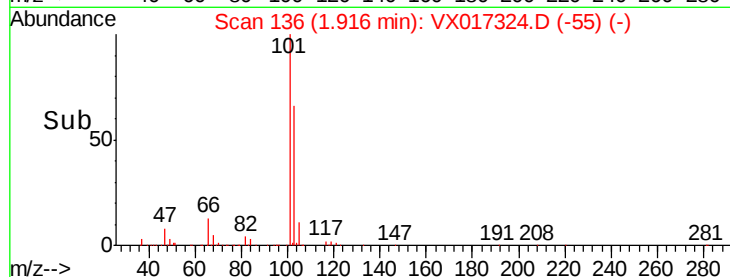
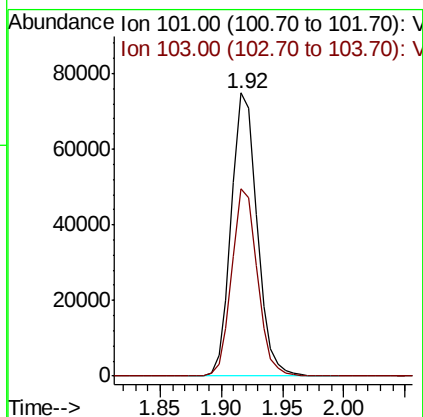
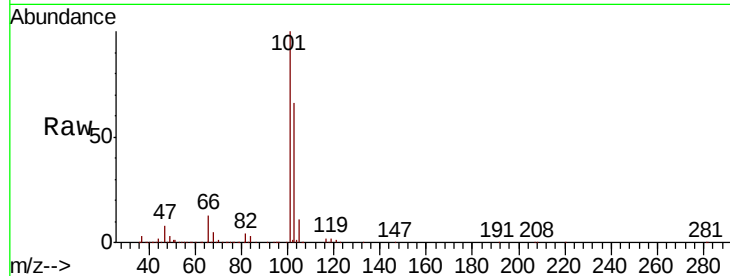


#7

Trichlorofluoromethane
Concen: 22.748 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :

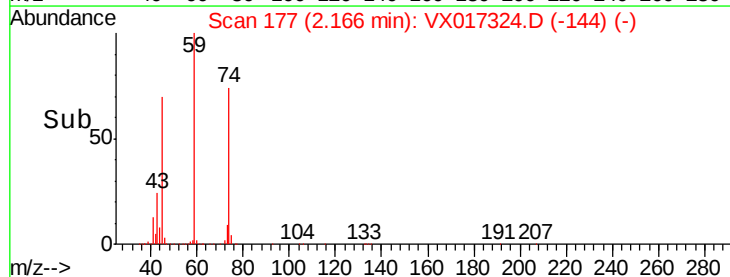
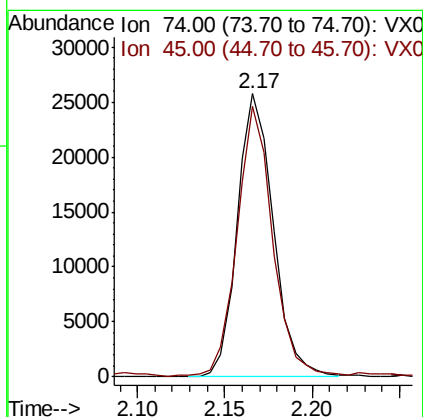
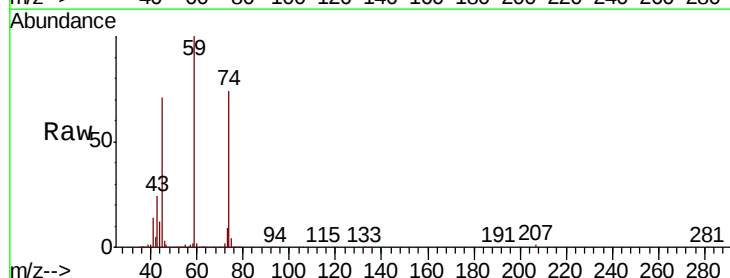
Tot Ion:101 Resp: 109398
Ion Ratio Lower Upper
101 100
103 66.2 50.1 75.1

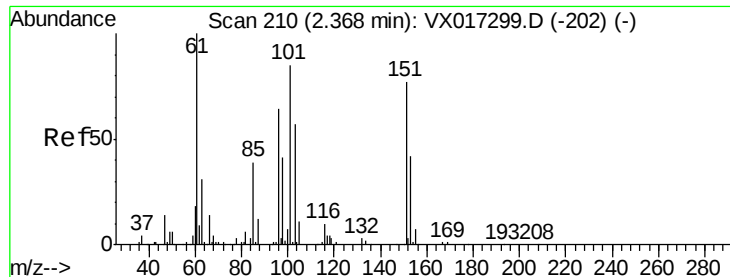


#8

Diethyl Ether
Concen: 21.578 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

Tgt Ion: 74 Resp: 36814
Ion Ratio Lower Upper
74 100
45 93.7 18.9 170.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.598 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

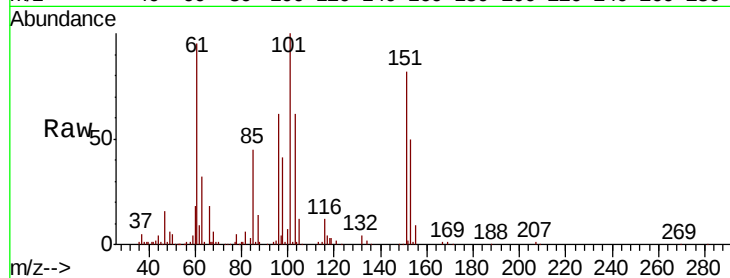
Tot Ion:101 Resp: 59422

Ion Ratio Lower Upper

101 100

85 44.6 0.0 87.8

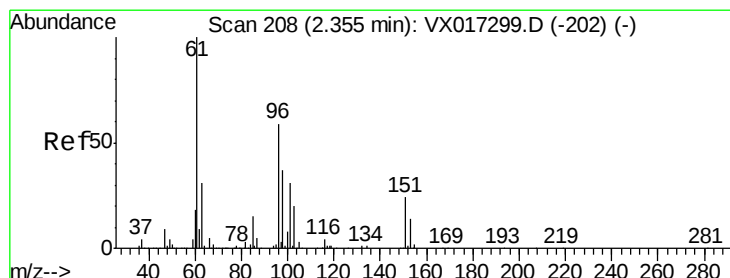
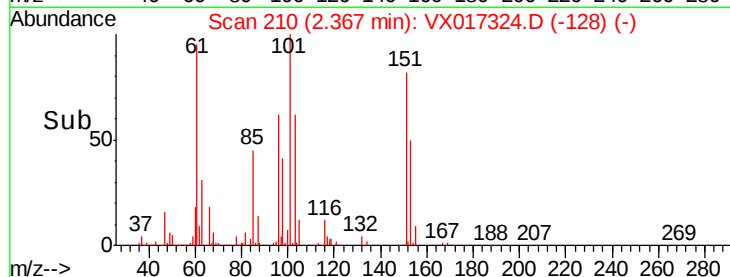
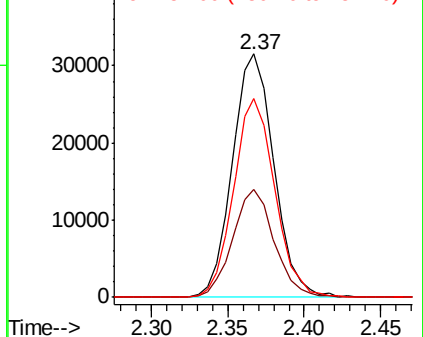
151 81.2 0.0 170.2



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: 21.116 ug/l

RT: 2.35 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

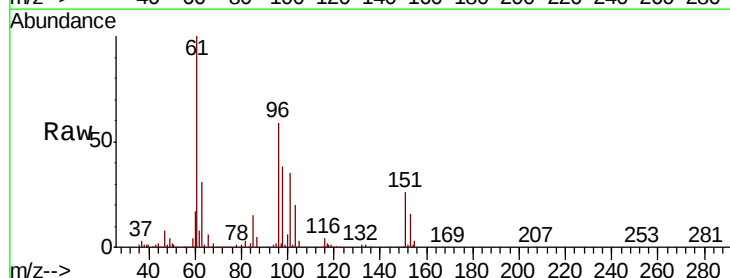
Tgt Ion: 96 Resp: 54744

Ion Ratio Lower Upper

96 100

61 170.7 137.0 205.4

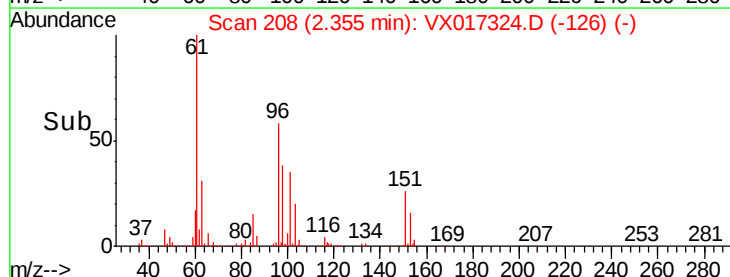
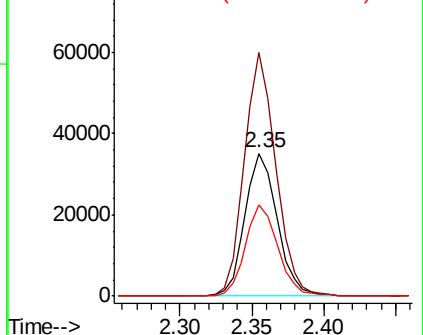
98 64.2 51.1 76.7

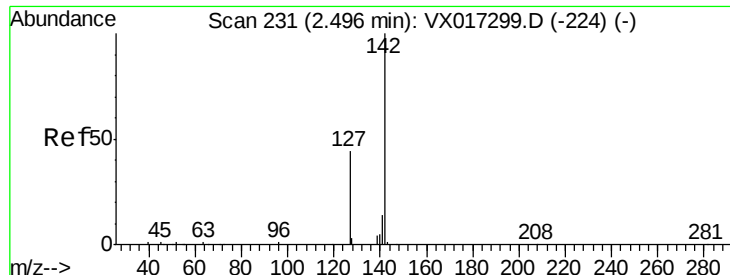


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

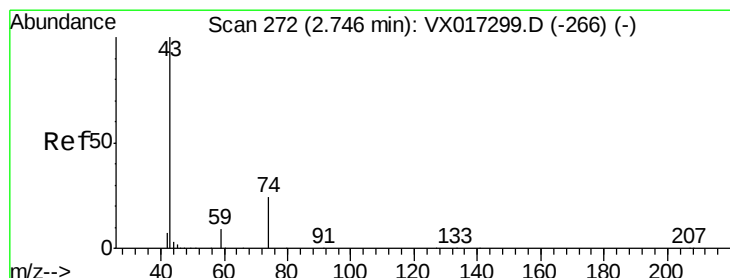
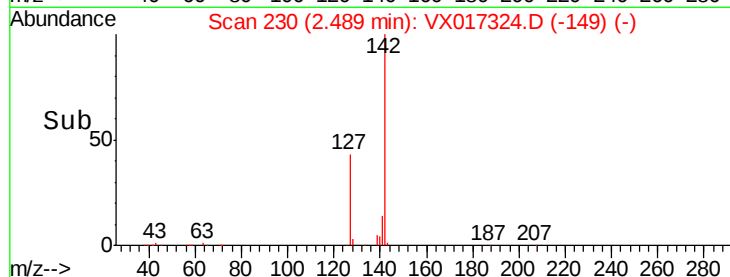
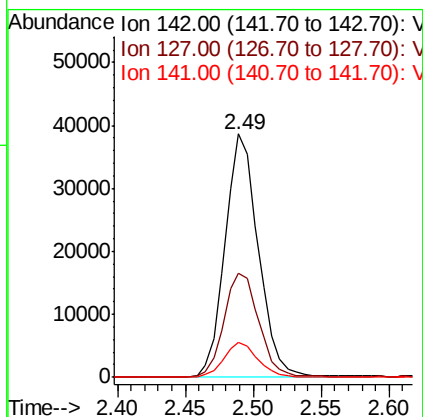
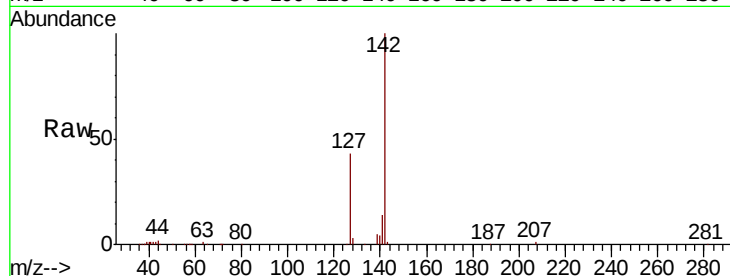




#11
Methvl Iodide
Concen: 21.683 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

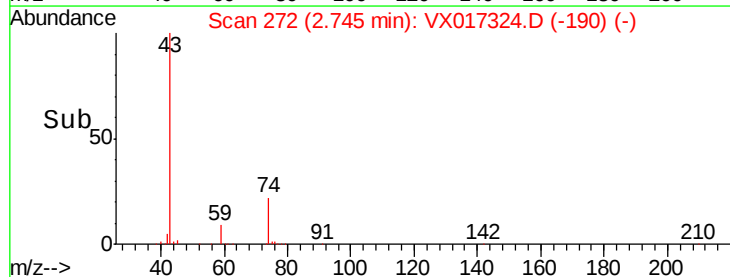
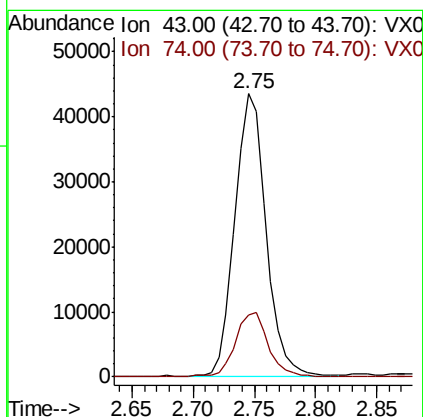
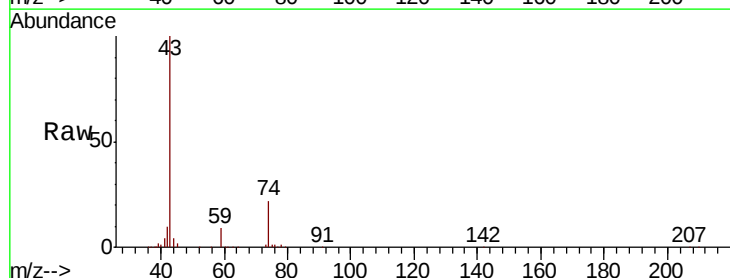
Instrument :
MSVOA_X
ClientSampleId :

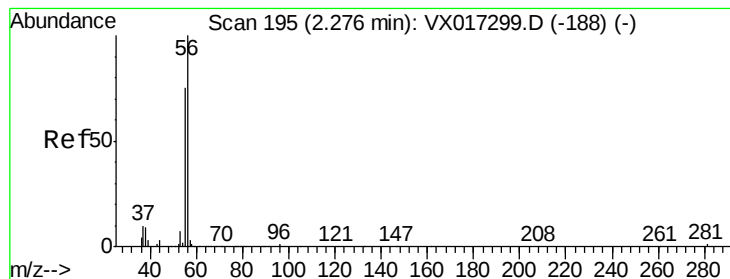
Tot Ion:142 Resp: 66193
Ion Ratio Lower Upper
142 100
127 42.8 21.9 65.7
141 14.2 7.0 21.1



#12
Methyl Acetate
Concen: 21.139 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

Tgt Ion: 43 Resp: 76360
Ion Ratio Lower Upper
43 100
74 21.8 18.8 28.2





#13

Acrolein

Concen: 107.999 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

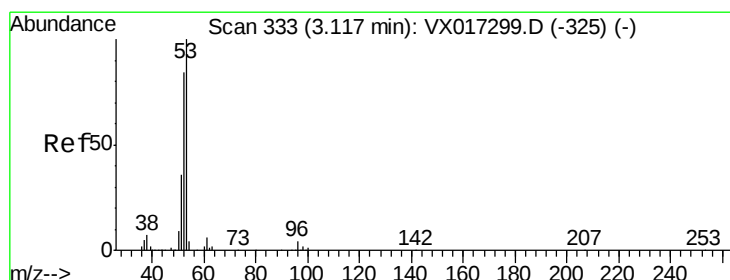
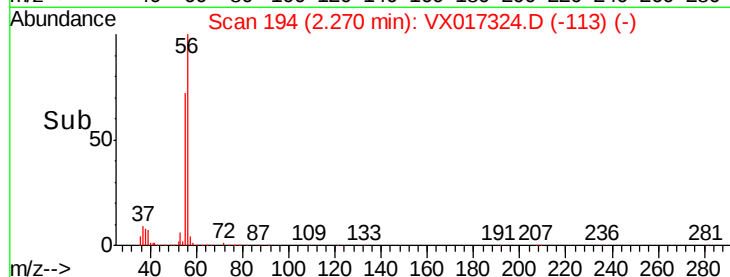
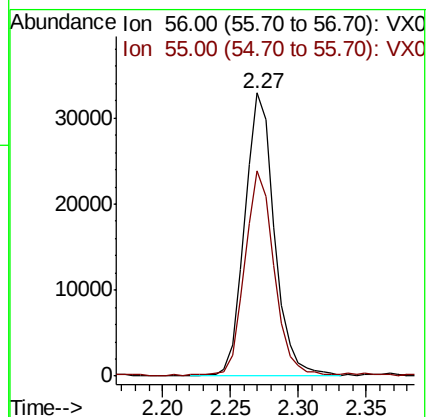
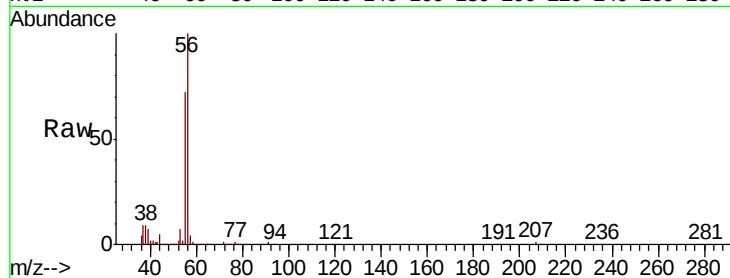
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 50450

Ion Ratio Lower Upper

56 100

55 71.9 58.5 87.7



#14

Acrylonitrile

Concen: 103.640 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

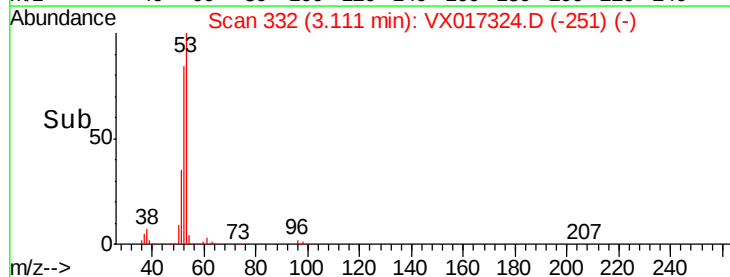
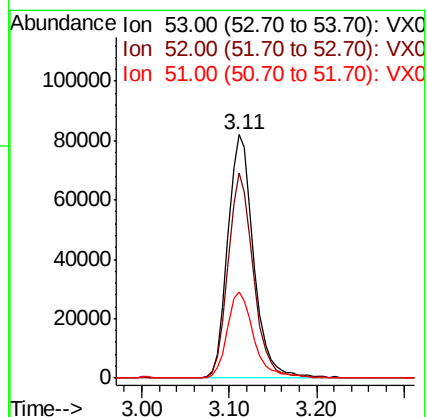
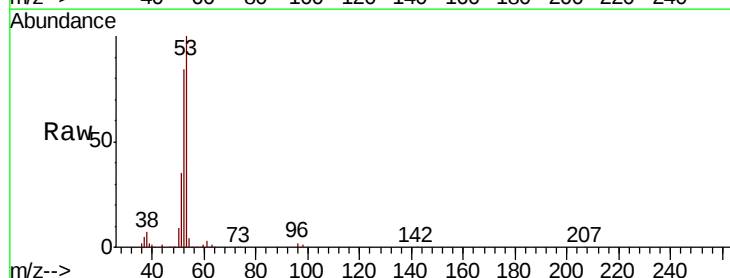
Tgt Ion: 53 Resp: 168917

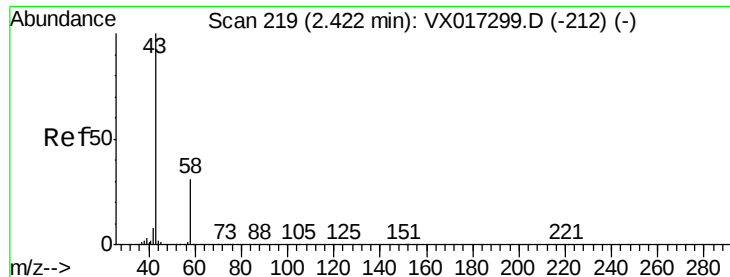
Ion Ratio Lower Upper

53 100

52 81.9 41.3 123.9

51 36.3 18.1 54.1





#15

Acetone

Concen: 93.669 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

Instrument :

MSVOA_X

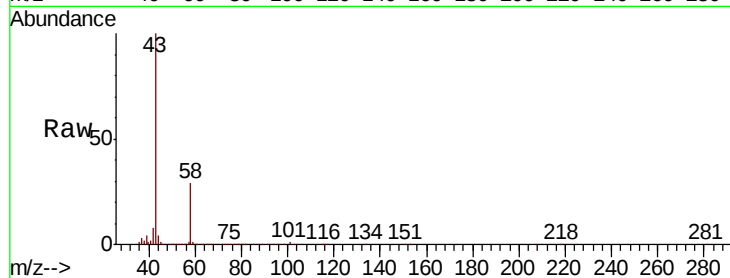
ClientSampled :

Tot Ion: 58 Resp: 38502

Ion Ratio Lower Upper

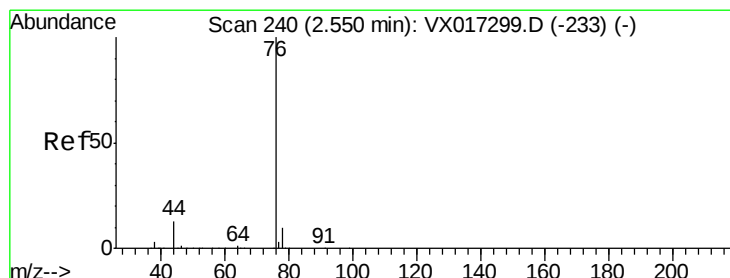
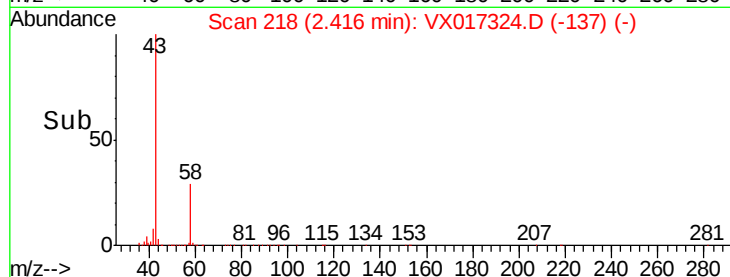
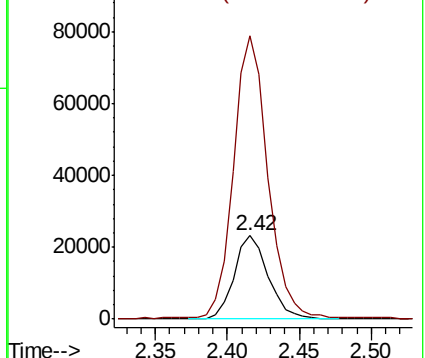
58 100

43 339.5 255.0 382.4



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 22.279 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017324.D

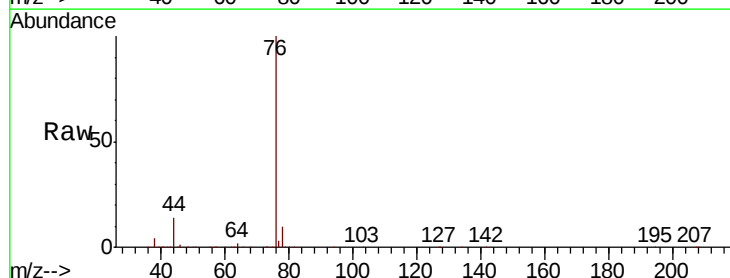
Acq: 10 Jul 2020 10:16

Tgt Ion: 76 Resp: 156664

Ion Ratio Lower Upper

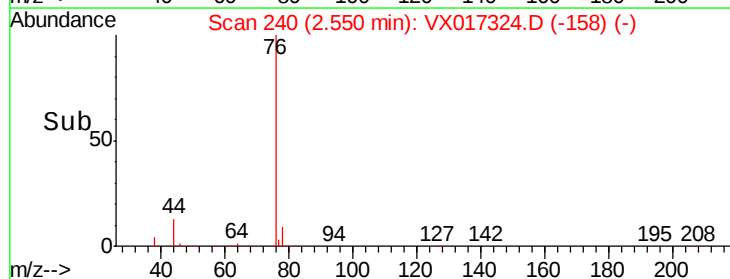
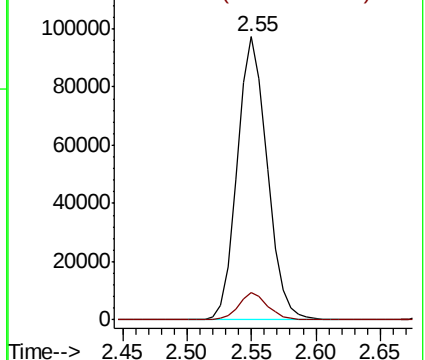
76 100

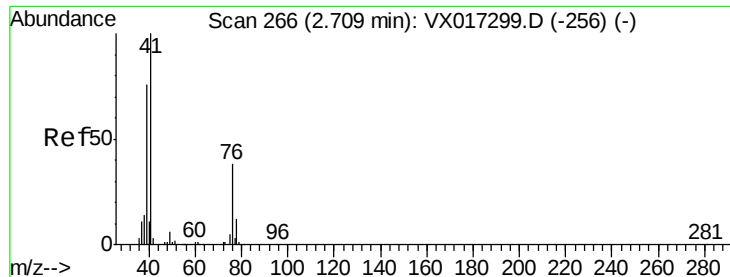
78 9.6 7.9 11.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

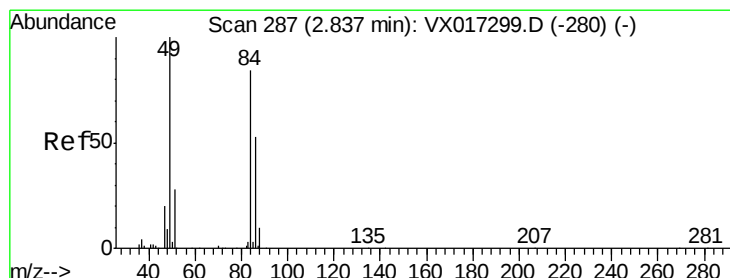
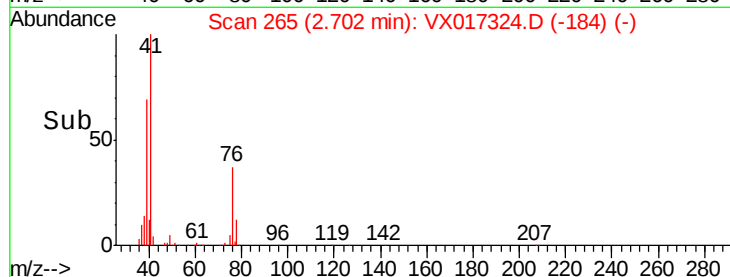
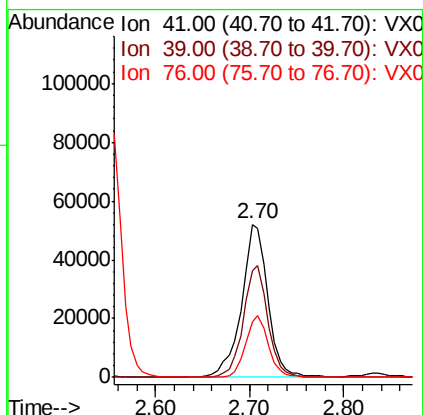
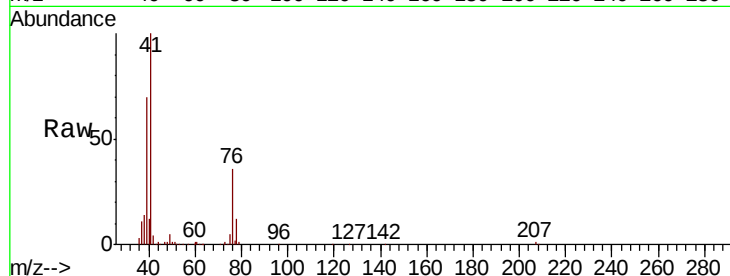




#17
Allvl chloride
Concen: 21.201 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

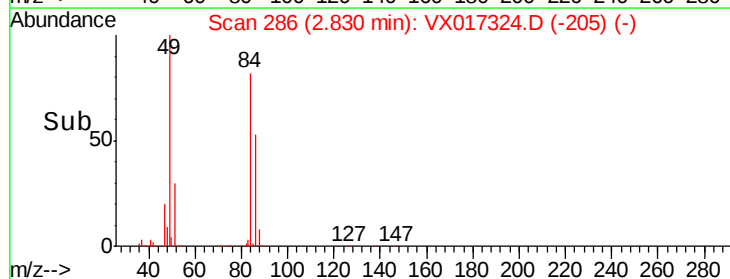
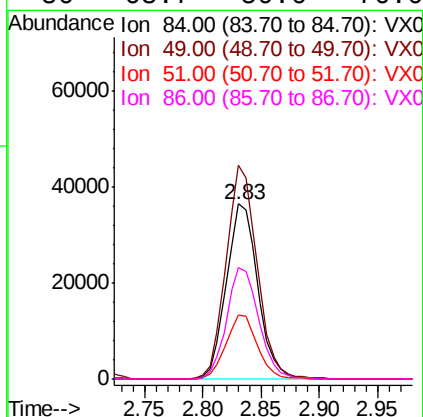
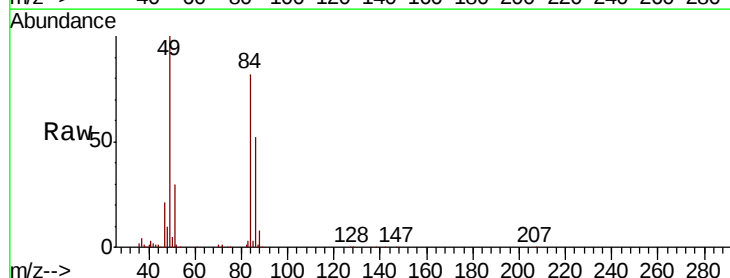
Instrument :
MSVOA_X
ClientSampleId :

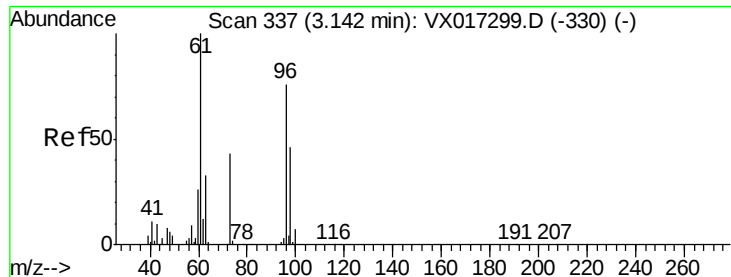
Tot Ion: 41 Resp: 102253
Ion Ratio Lower Upper
41 100
39 69.3 38.1 114.5
76 36.3 18.8 56.4



#18
Methylene Chloride
Concen: 21.458 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

Tgt Ion: 84 Resp: 68518
Ion Ratio Lower Upper
84 100
49 121.8 95.7 143.5
51 36.7 27.2 40.8
86 63.7 50.6 76.0

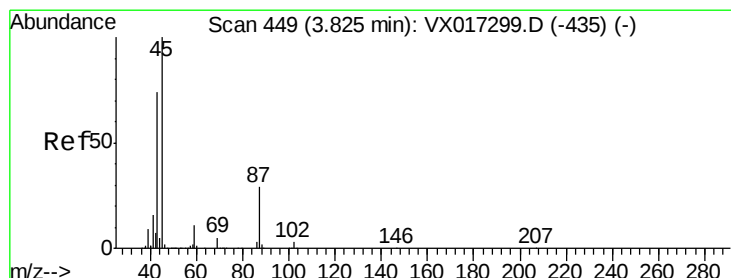
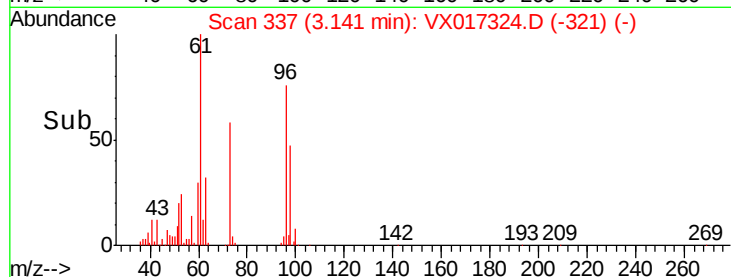
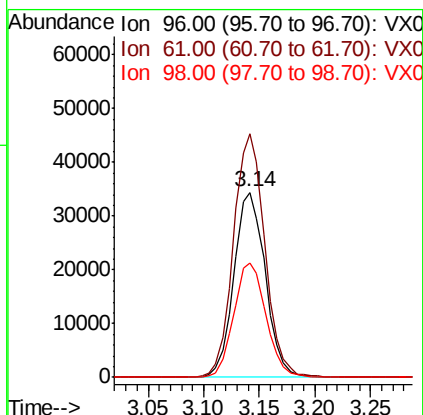
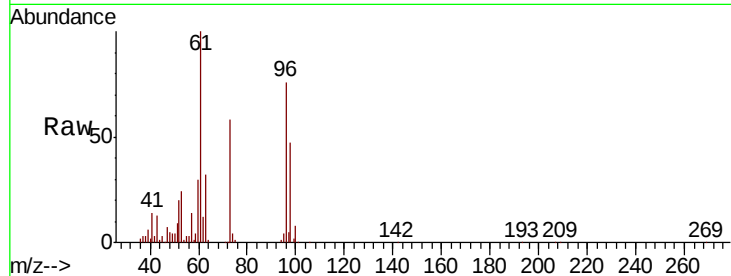




#19
trans-1,2-Dichloroethene
Concen: 22.235 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

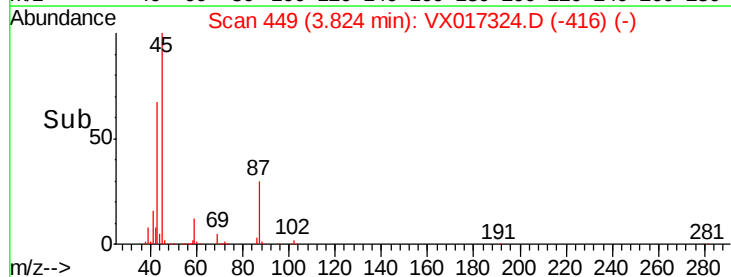
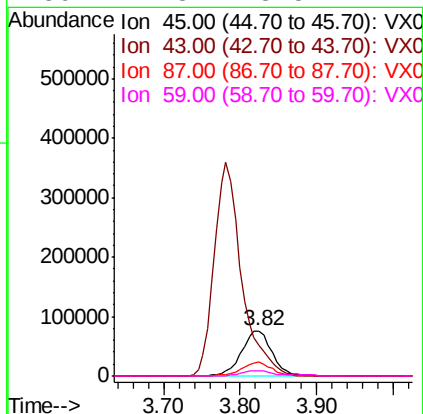
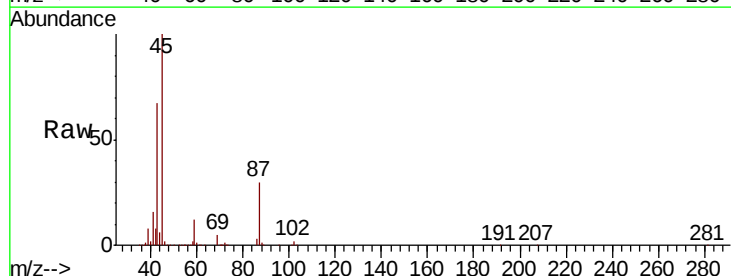
Instrument :
MSVOA_X
ClientSampleId :

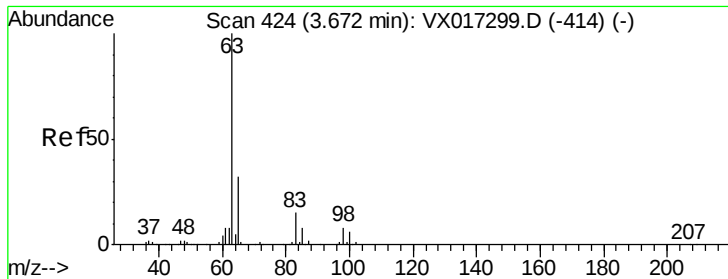
Tot Ion: 96 Resp: 67399
Ion Ratio Lower Upper
96 100
61 131.3 105.0 157.6
98 61.6 48.6 73.0



#20
Diisopropyl ether
Concen: 21.844 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

Tgt Ion: 45 Resp: 210630
Ion Ratio Lower Upper
45 100
43 65.7 59.5 89.3
87 30.1 23.2 34.8
59 11.8 8.5 12.7





#21

1,1-Dichloroethane

Concen: 21.834 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

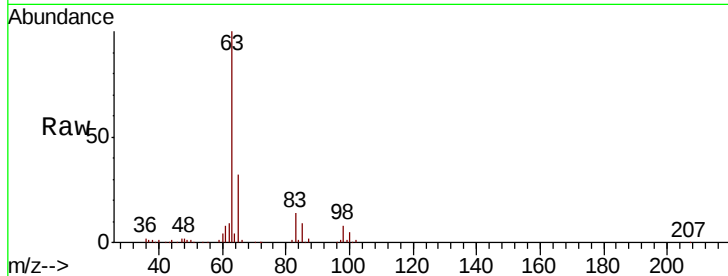
Tot Ion: 63 Resp: 118005

Ion Ratio Lower Upper

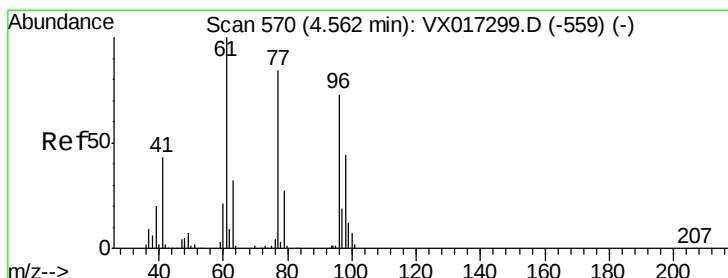
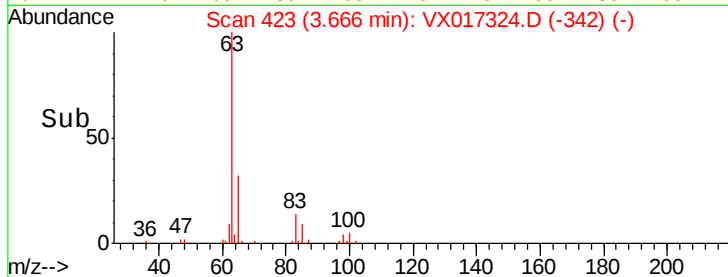
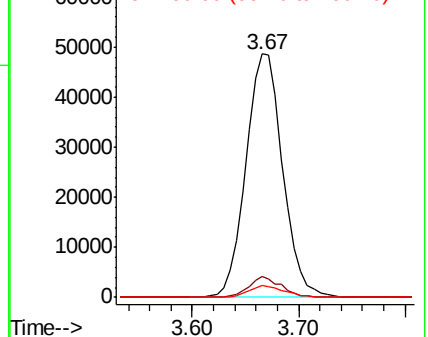
63 100

98 8.4 4.2 12.4

100 5.0 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: 21.673 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

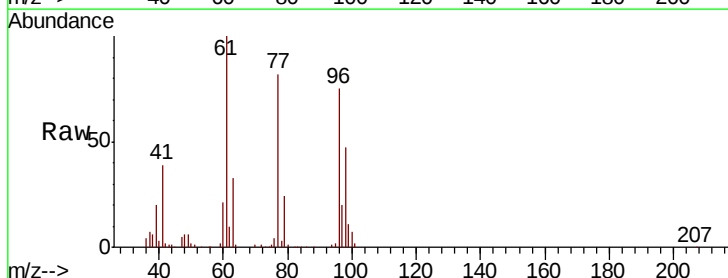
Tgt Ion: 96 Resp: 74949

Ion Ratio Lower Upper

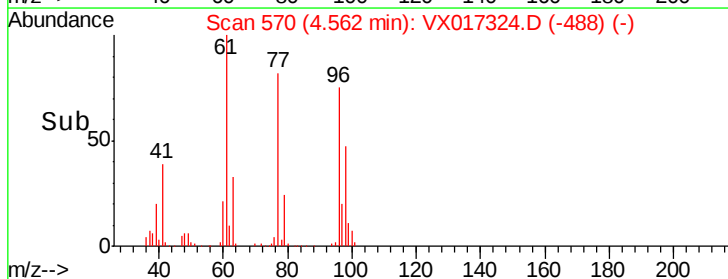
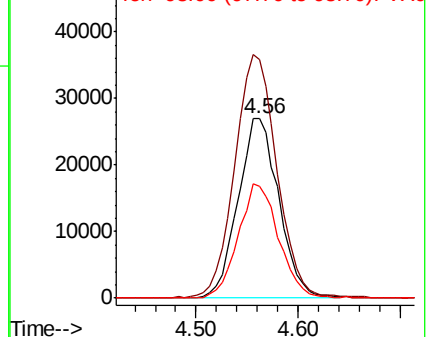
96 100

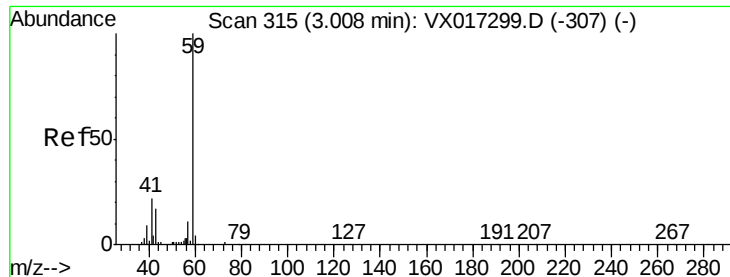
61 138.5 111.7 167.5

98 62.6 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



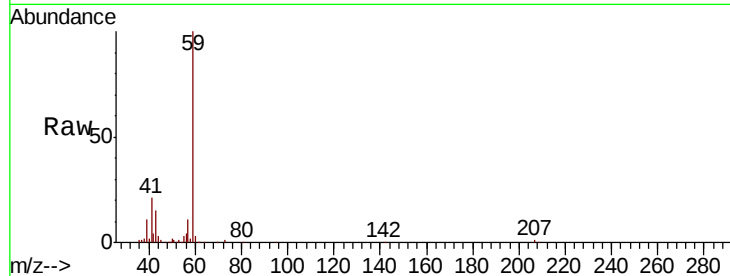


#23

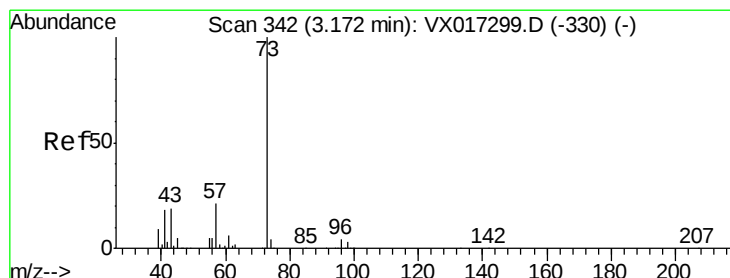
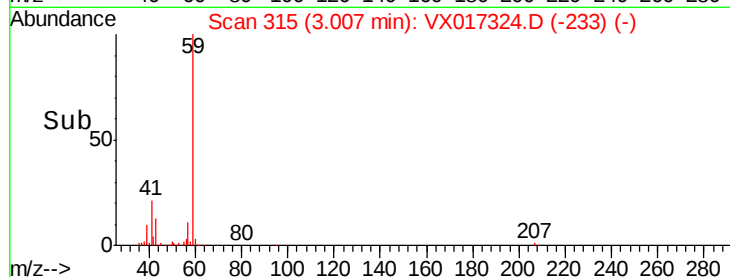
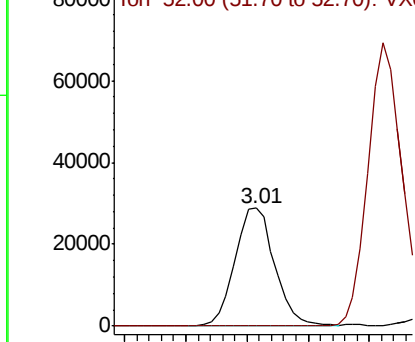
tert-Butyl Alcohol
 Concen: 96.829 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX017324.D
 Acq: 10 Jul 2020 10:16

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 59 Resp: 65121
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.4 0.6#



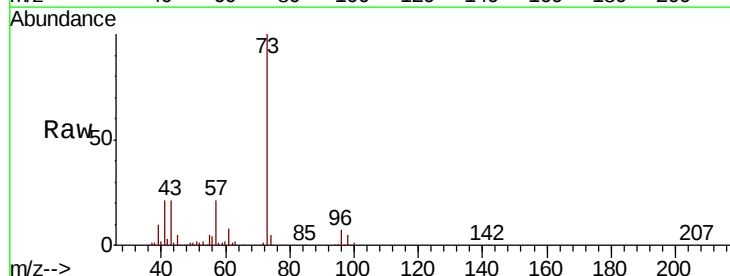
Abundance Ion 59.00 (58.70 to 59.70): VX0
 Ion 52.00 (51.70 to 52.70): VX0



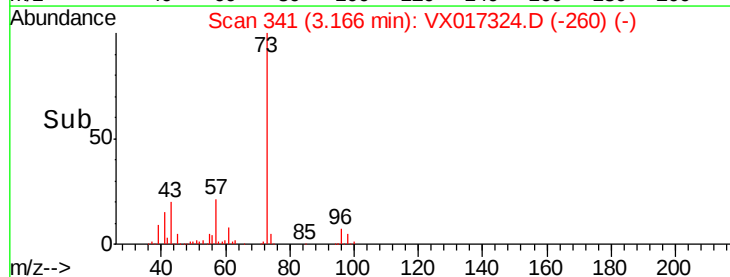
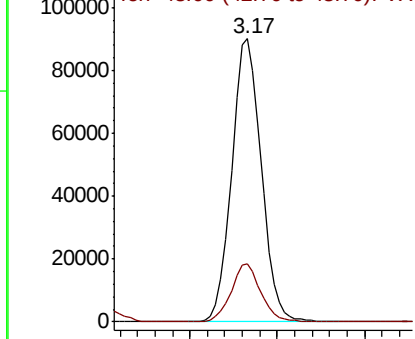
#24

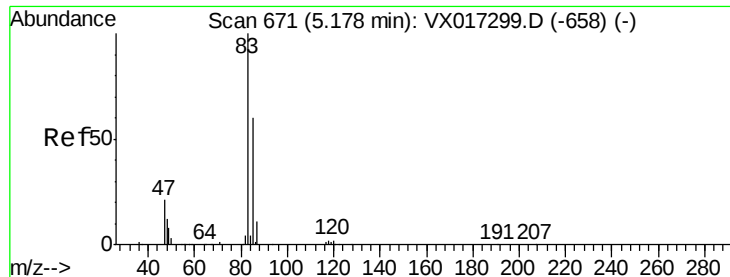
Methyl tert-Butyl Ether
 Concen: 21.416 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX017324.D
 Acq: 10 Jul 2020 10:16

Tgt Ion: 73 Resp: 211965
 Ion Ratio Lower Upper
 73 100
 43 20.4 16.3 24.5



Abundance Ion 73.00 (72.70 to 73.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 21.788 ug/l

RT: 5.17 min Scan# 669

Delta R.T. -0.01 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

Instrument :

MSVOA_X

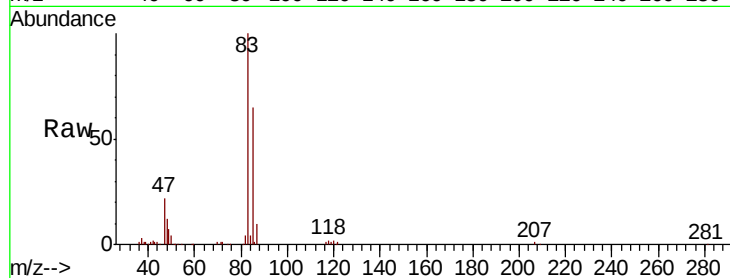
ClientSampleId :

Tot Ion: 83 Resp: 125469

Ion Ratio Lower Upper

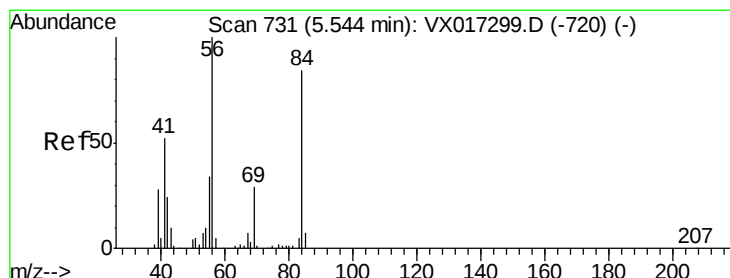
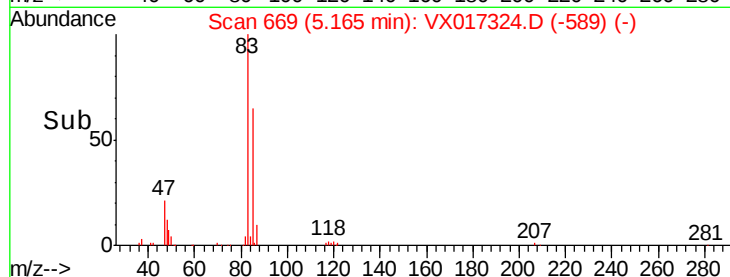
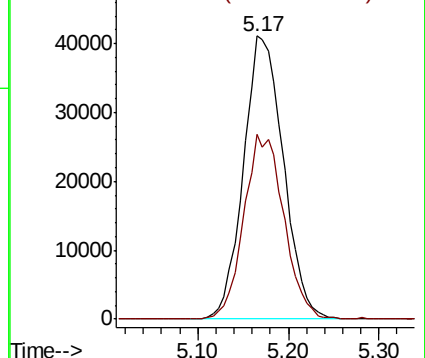
83 100

85 65.3 47.8 71.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 22.835 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

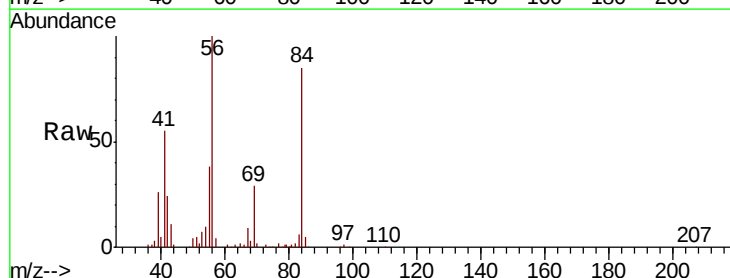
Tgt Ion: 56 Resp: 96149

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

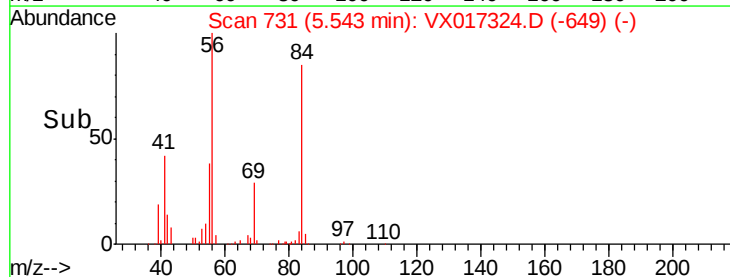
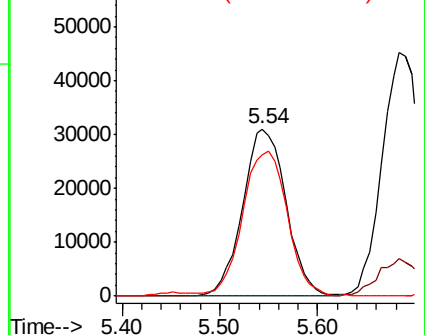
84 89.3 71.5 107.3

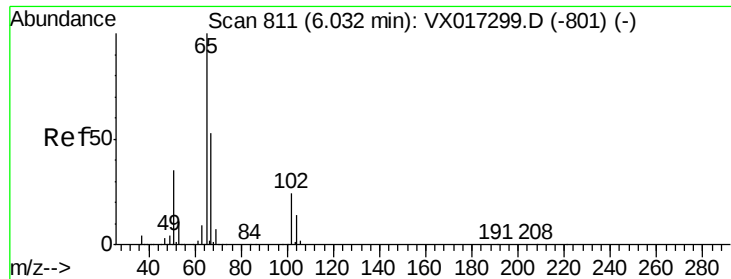


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 30.410 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

Instrument :

MSVOA_X

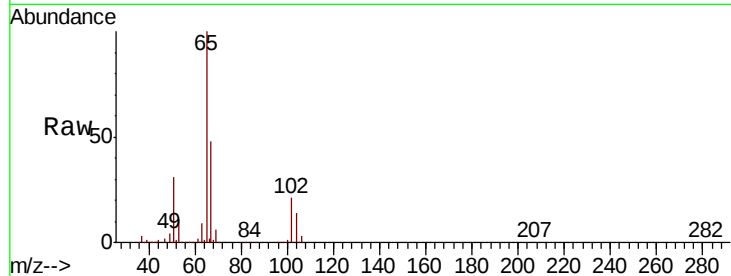
ClientSampled :

Tot Ion: 65 Resp: 123306

Ion Ratio Lower Upper

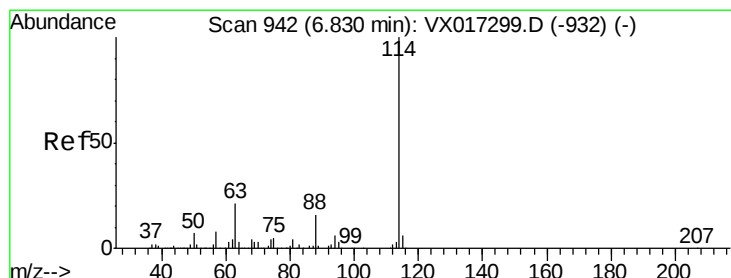
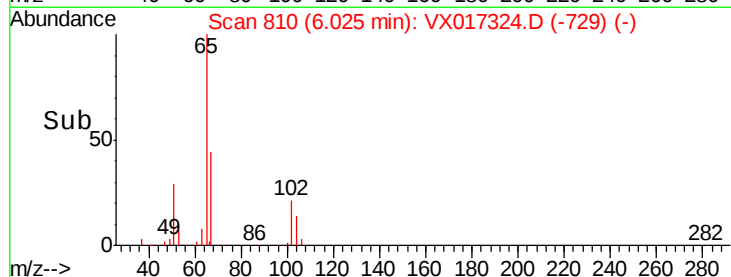
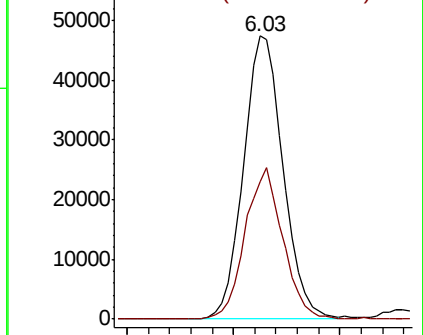
65 100

67 51.1 41.0 61.6



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

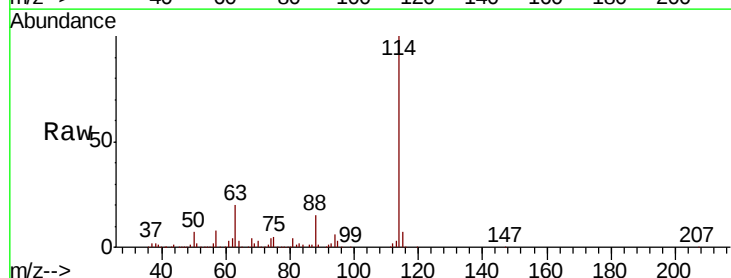
Tgt Ion: 114 Resp: 295453

Ion Ratio Lower Upper

114 100

63 20.1 15.9 23.9

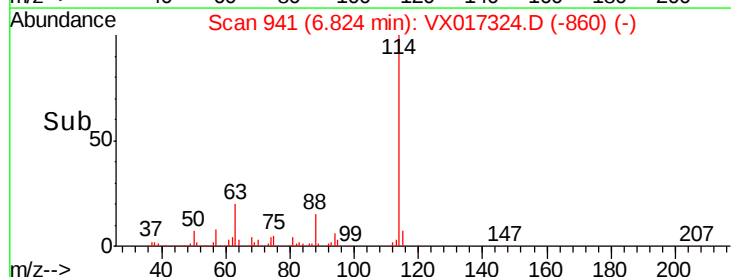
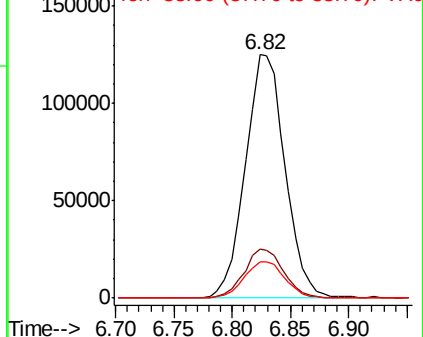
88 15.5 12.4 18.6

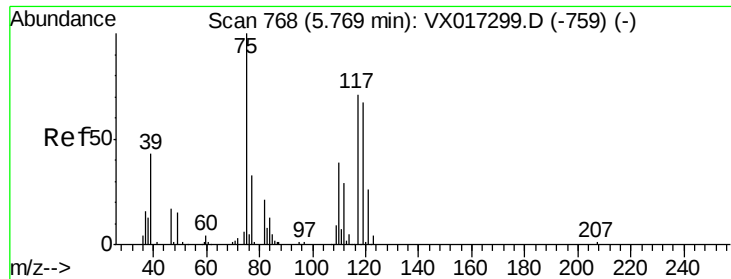


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 22.529 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :

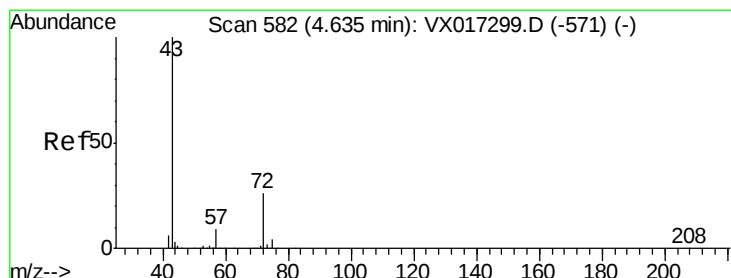
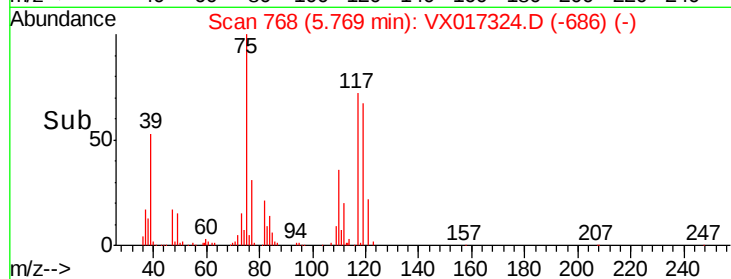
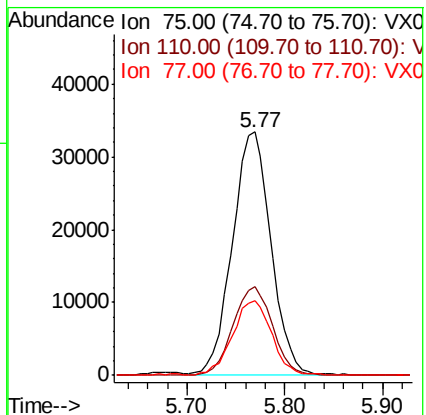
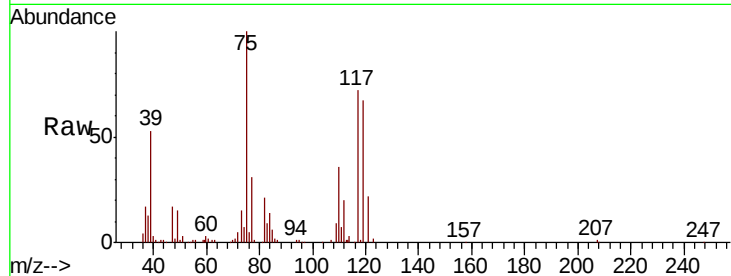
Tot Ion: 75 Resp: 91788

Ion Ratio Lower Upper

75 100

110 36.9 0.0 75.8

77 30.7 0.0 63.4



#30

2-Butanone

Concen: 99.787 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

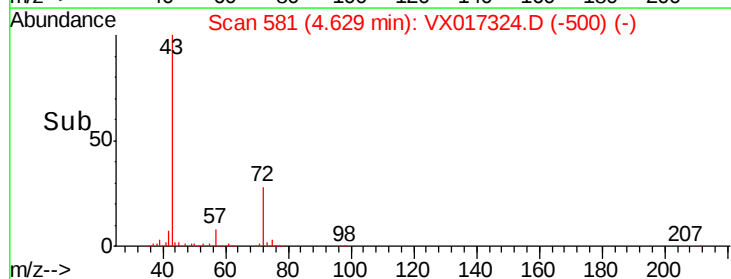
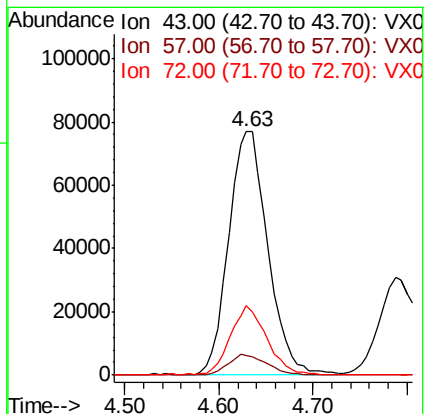
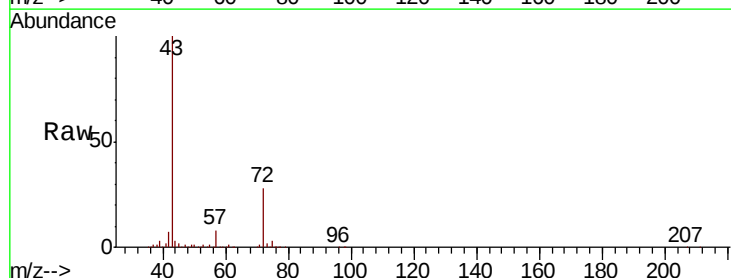
Tgt Ion: 43 Resp: 222379

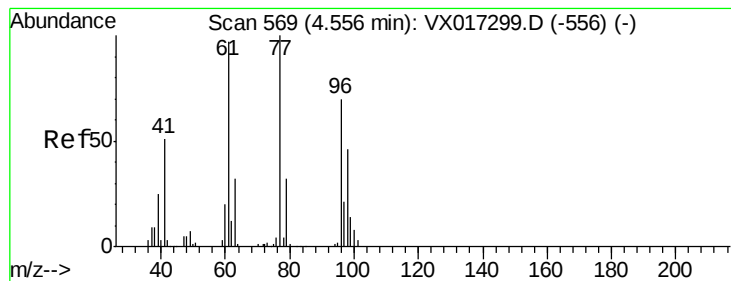
Ion Ratio Lower Upper

43 100

57 8.4 6.8 10.2

72 26.7 21.0 31.6





#31

2,2-Dichloropropane

Concen: 21.958 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

Instrument :

MSVOA_X

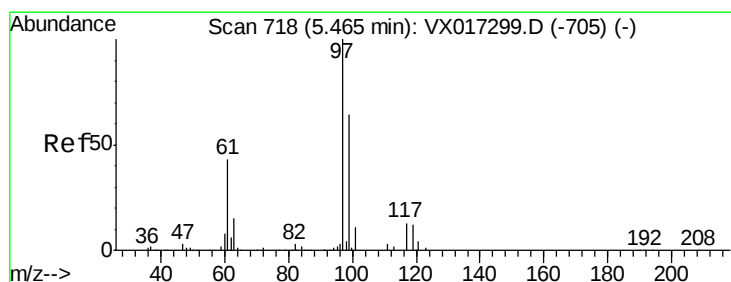
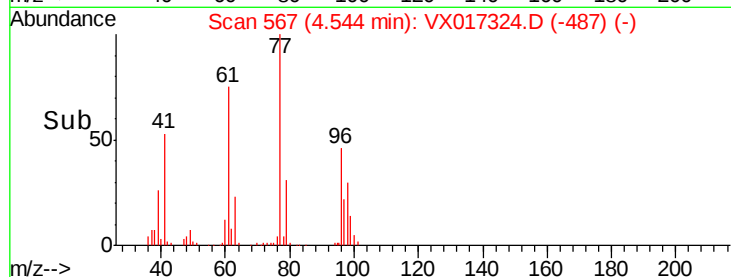
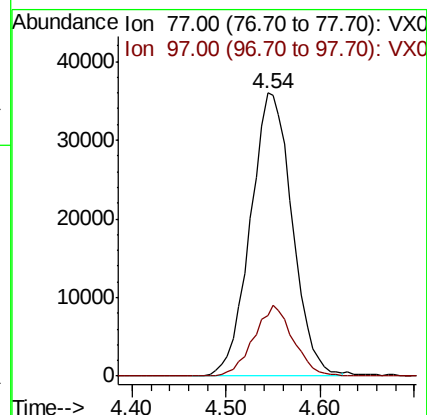
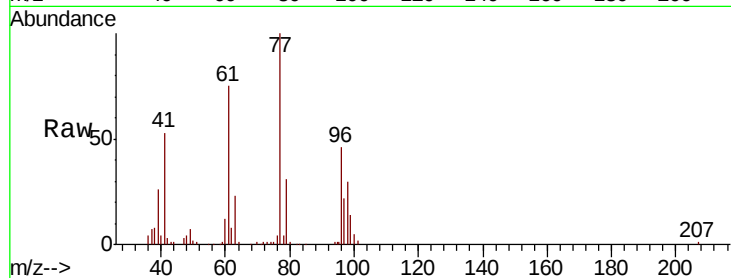
ClientSampleId :

Tot Ion: 77 Resp: 112082

Ion Ratio Lower Upper

77 100

97 23.5 18.2 27.2



#32

1,1,1-Trichloroethane

Concen: 22.293 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

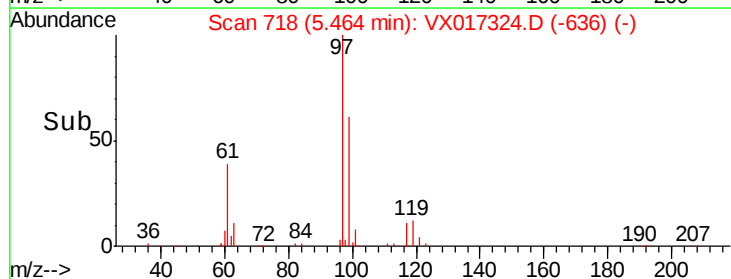
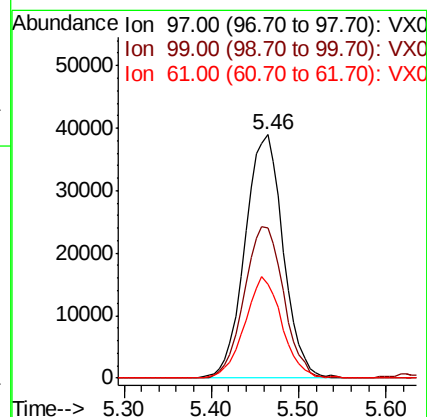
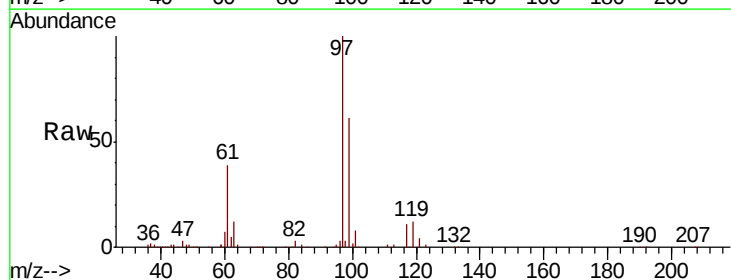
Tgt Ion: 97 Resp: 118252

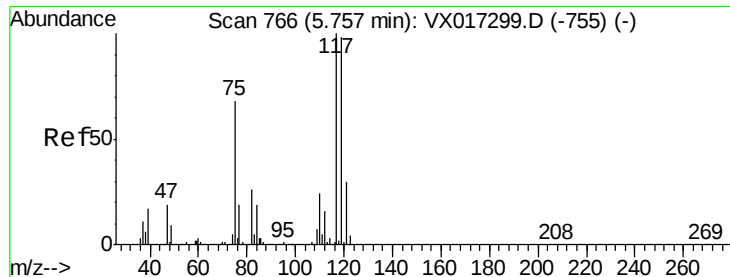
Ion Ratio Lower Upper

97 100

99 64.0 53.2 79.8

61 40.6 34.0 51.0

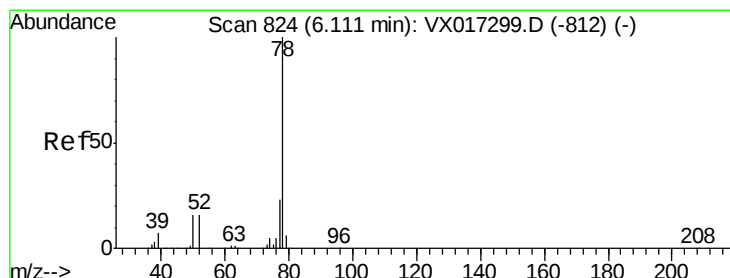
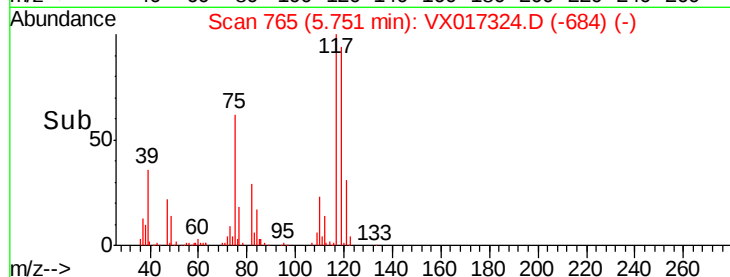
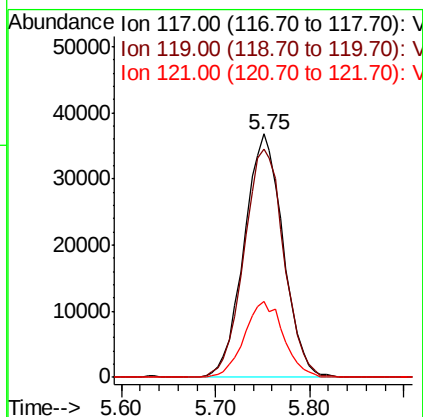
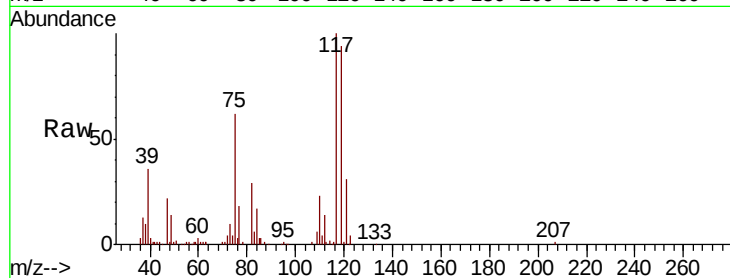




#33
Carbon Tetrachloride
Concen: 21.751 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

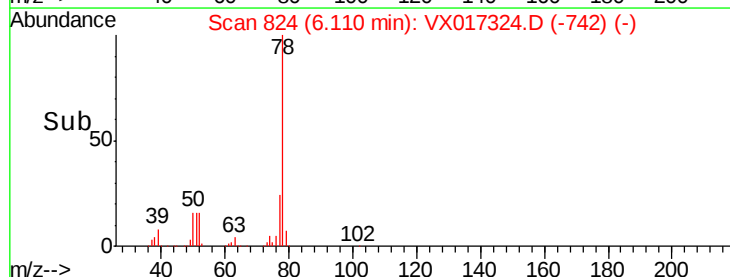
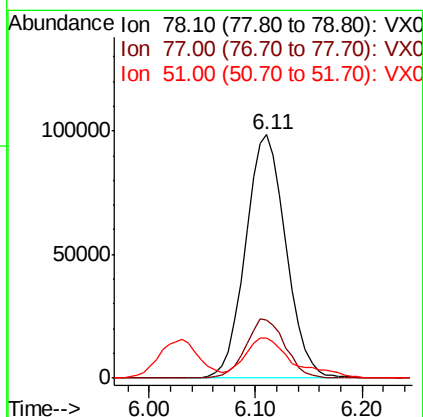
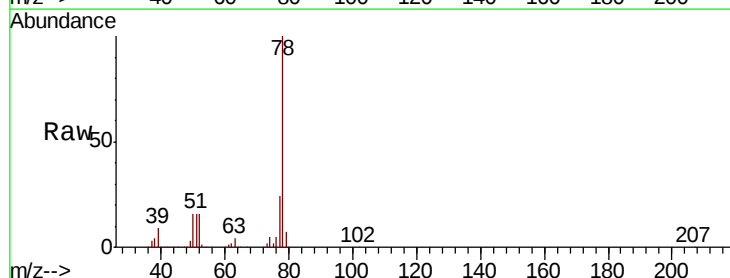
Instrument :
MSVOA_X
ClientSampleId :

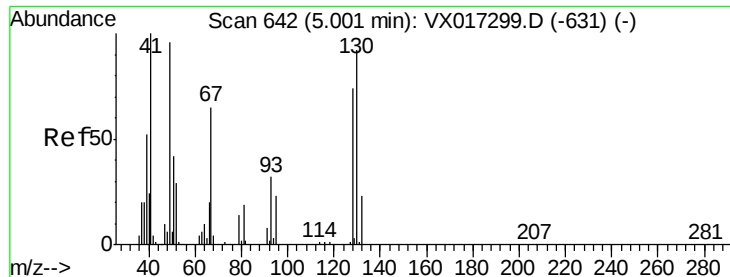
Tot Ion:117 Resp: 106394
Ion Ratio Lower Upper
117 100
119 94.0 78.8 118.2
121 31.1 23.7 35.5



#34
Benzene
Concen: 21.559 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

Tgt Ion: 78 Resp: 261370
Ion Ratio Lower Upper
78 100
77 23.6 18.1 27.1
51 14.4 12.9 19.3

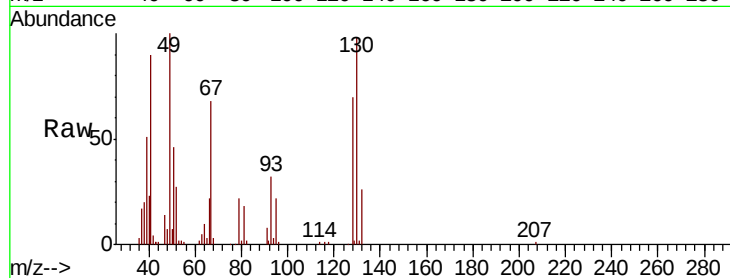




#35
Methacrylonitrile
Concen: 19.575 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	48842
Ion	Ratio	Lower	Upper
41	100		
39	55.6	26.0	78.0
67	75.3	32.6	97.8
52	29.1	14.2	42.6



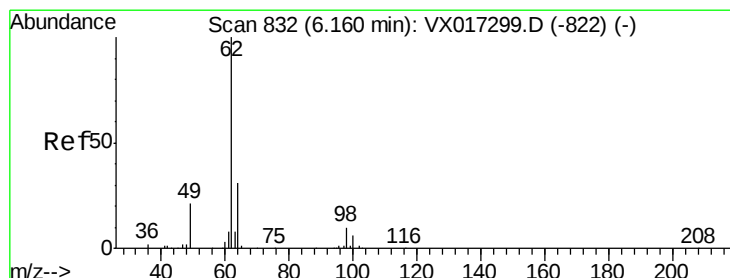
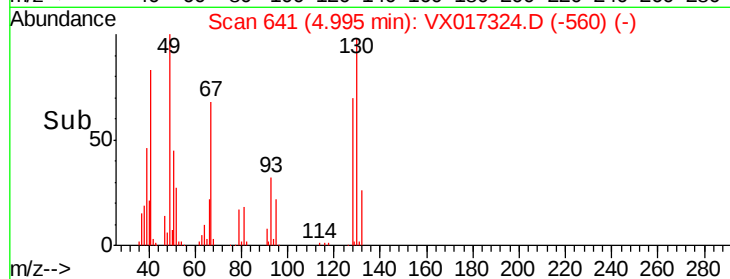
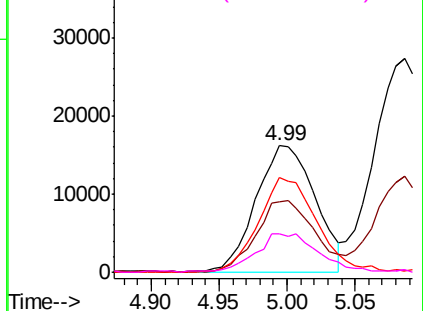
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

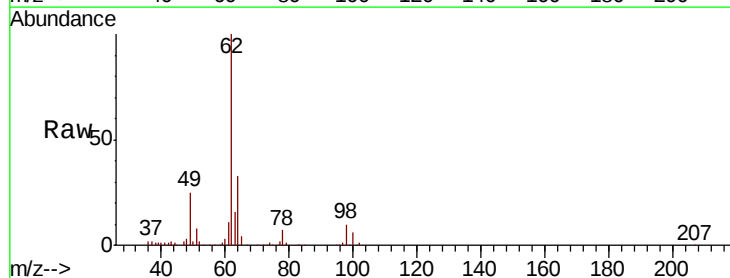
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#36
1,2-Dichloroethane
Concen: 21.218 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

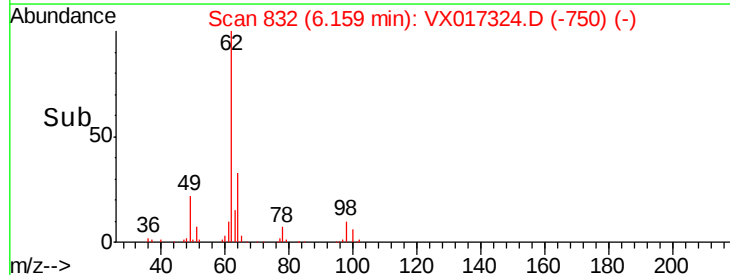
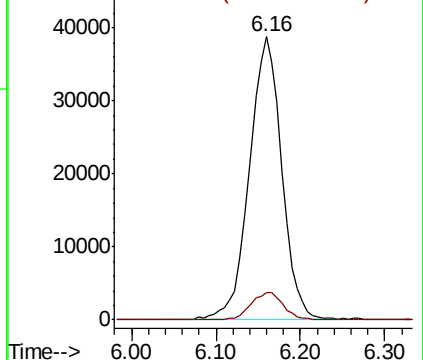
Tgt Ion:	62	Resp:	101303
Ion	Ratio	Lower	Upper
62	100		
98	9.7	7.8	11.8

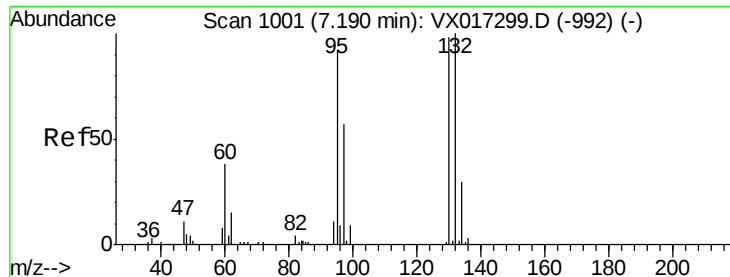


Abundance

Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

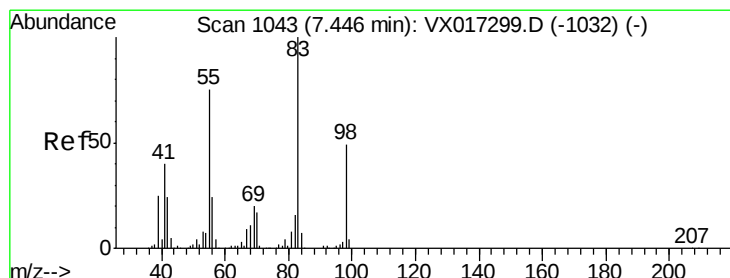
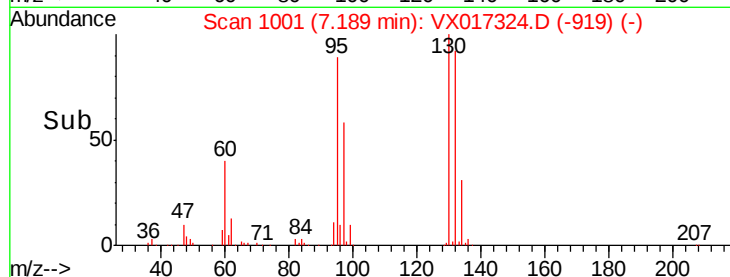
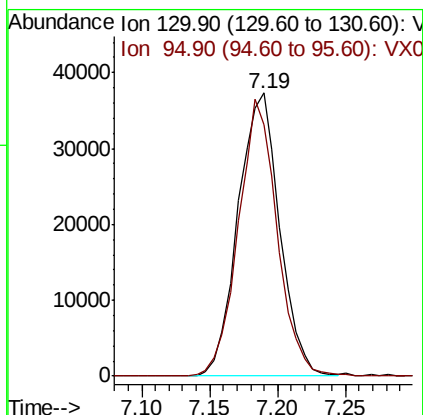
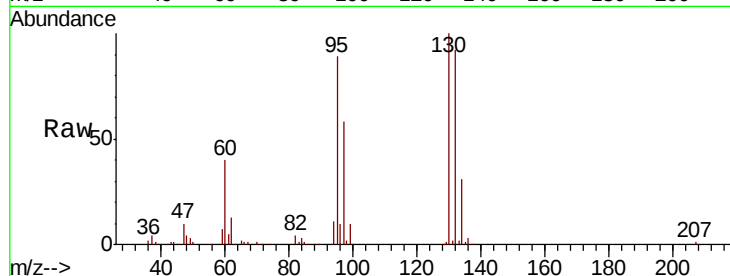




#37
 Trichloroethene
 Concen: 21.878 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017324.D
 Acq: 10 Jul 2020 10:16

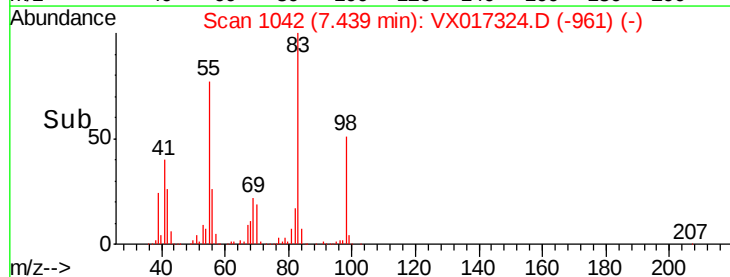
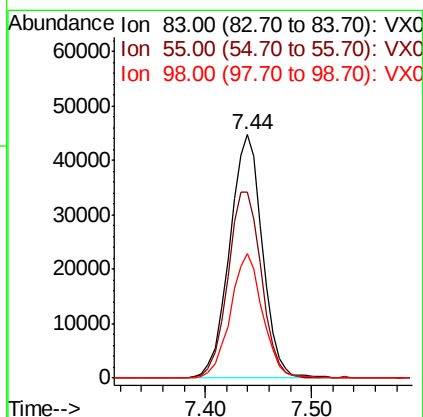
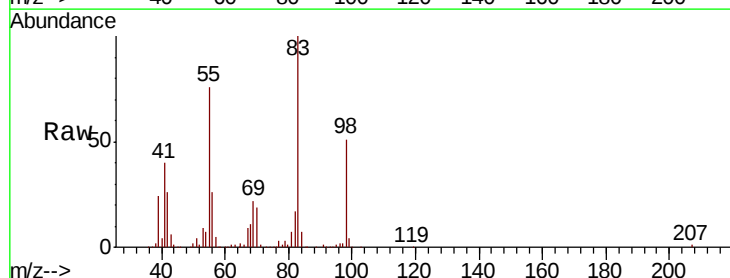
Instrument :
 MSVOA_X
 ClientSampleId :

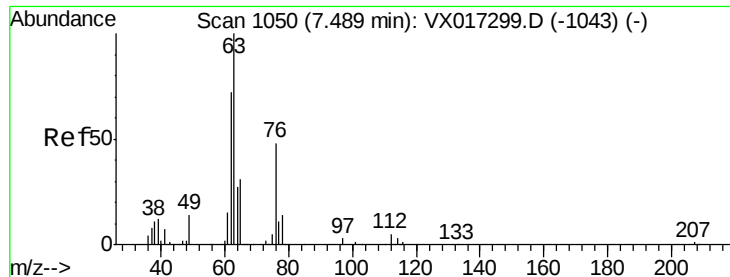
Tot Ion:130 Resp: 79773
 Ion Ratio Lower Upper
 130 100
 95 88.8 74.4 111.6



#38
 Methylcyclohexane
 Concen: 22.572 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX017324.D
 Acq: 10 Jul 2020 10:16

Tgt Ion: 83 Resp: 96910
 Ion Ratio Lower Upper
 83 100
 55 77.8 39.0 117.0
 98 50.1 25.3 75.9

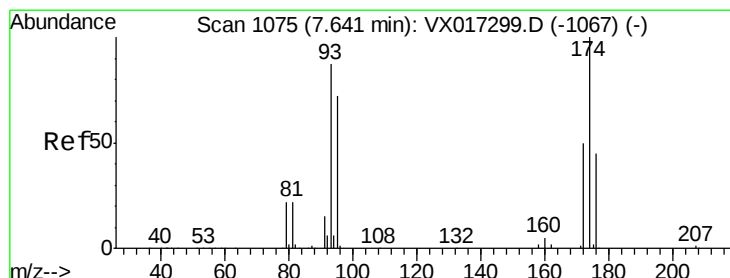
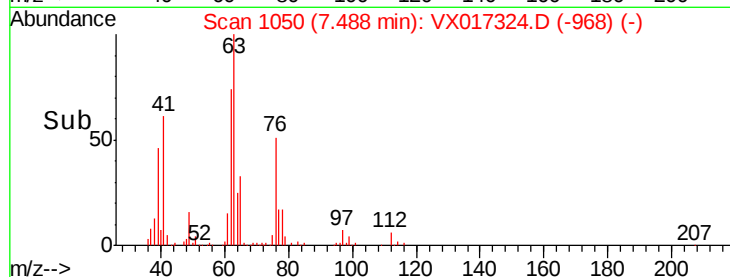
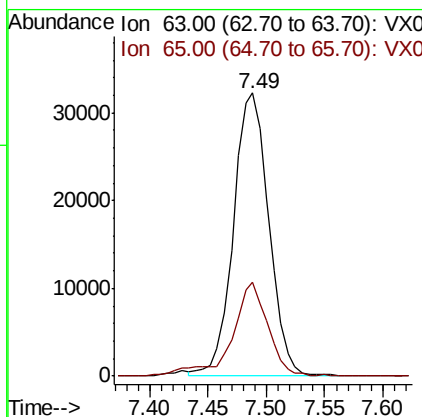
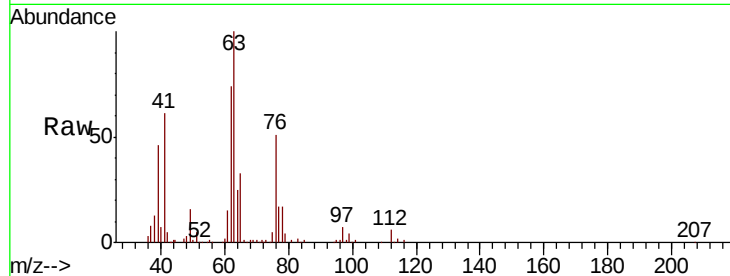




#39
 1,2-Dichloropropane
 Concen: 21.573 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017324.D
 Acq: 10 Jul 2020 10:16

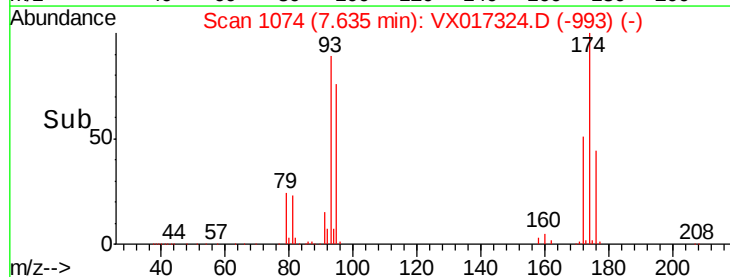
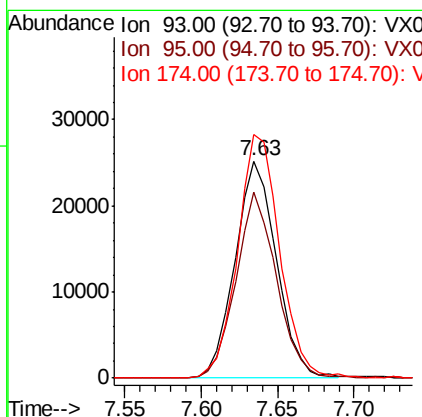
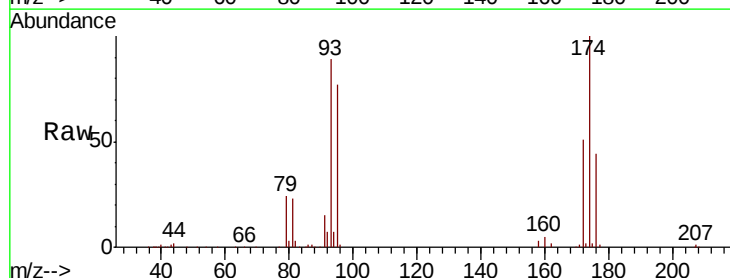
Instrument :
 MSVOA_X
 ClientSampled :

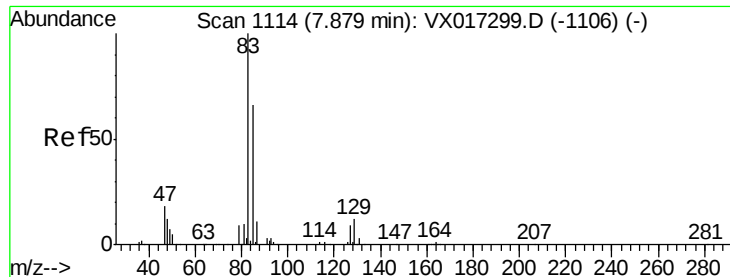
Tot Ion: 63 Resp: 68339
 Ion Ratio Lower Upper
 63 100
 65 33.1 27.4 41.0



#40
 Dibromomethane
 Concen: 20.787 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017324.D
 Acq: 10 Jul 2020 10:16

Tgt Ion: 93 Resp: 47440
 Ion Ratio Lower Upper
 93 100
 95 83.7 0.0 164.4
 174 114.0 0.0 224.8





#41

Bromodichloromethane

Concen: 21.057 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

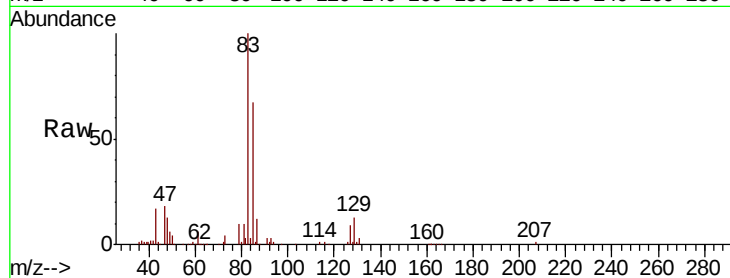
Tot Ion: 83 Resp: 100290

Ion Ratio Lower Upper

83 100

85 67.1 53.1 79.7

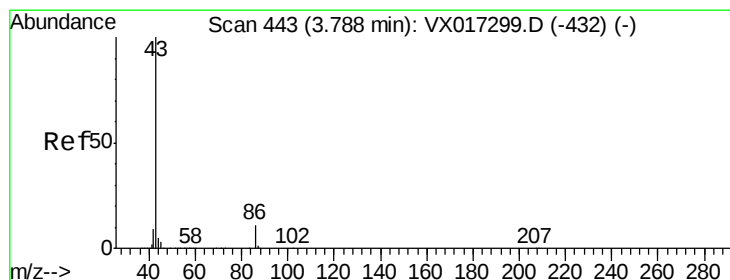
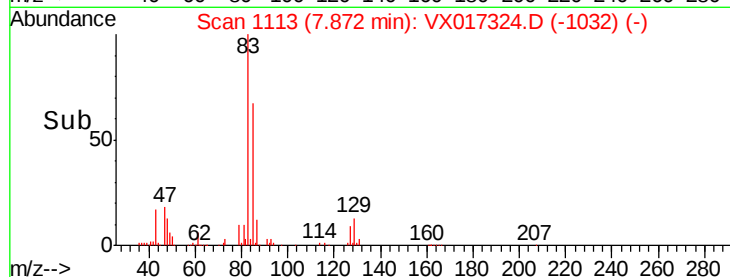
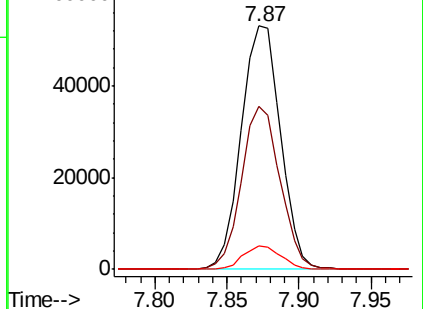
127 9.4 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 105.477 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017324.D

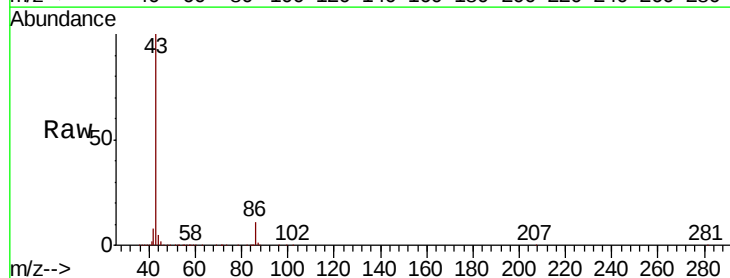
Acq: 10 Jul 2020 10:16

Tgt Ion: 43 Resp: 898293

Ion Ratio Lower Upper

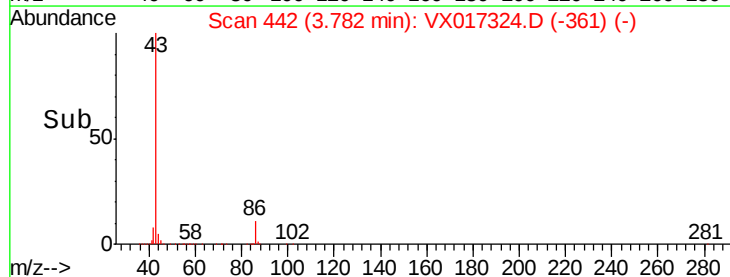
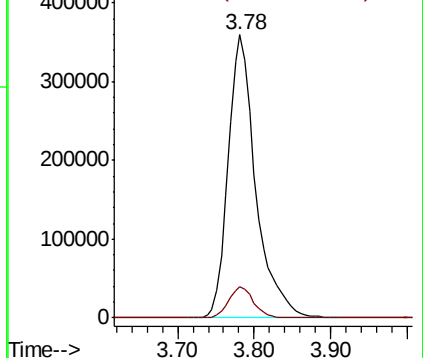
43 100

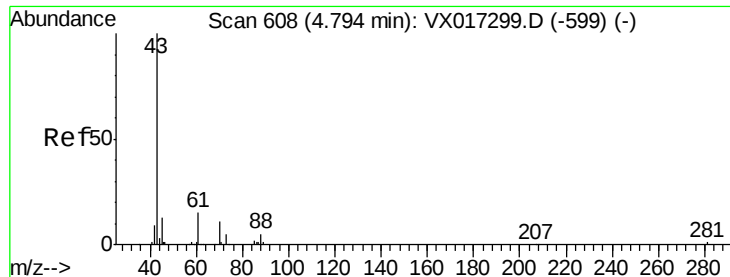
86 9.9 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

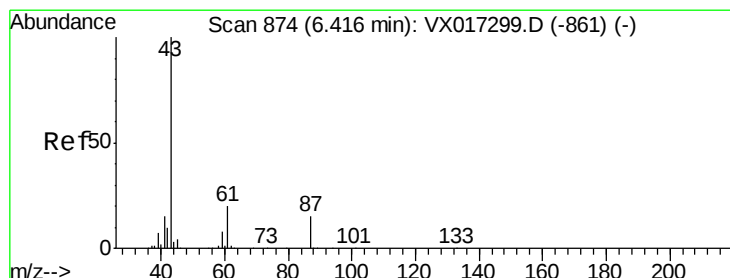
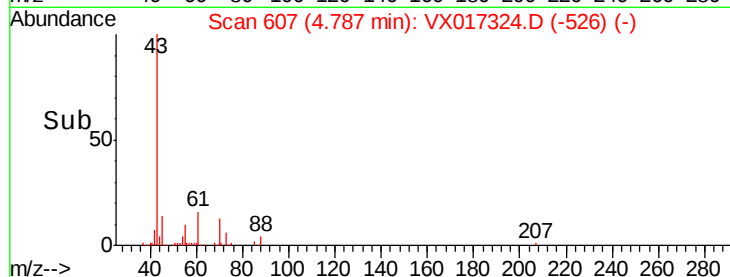
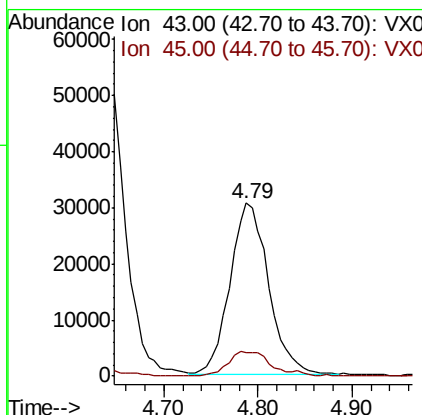
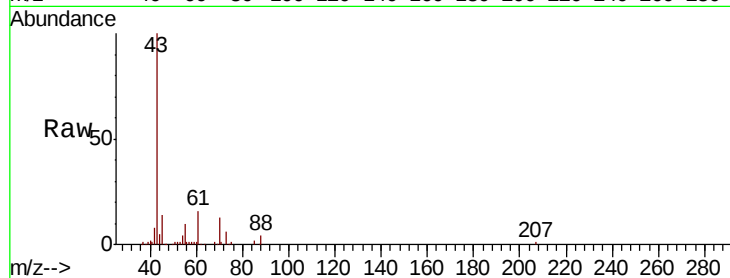




#43
Ethyl Acetate
Concen: 19.756 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

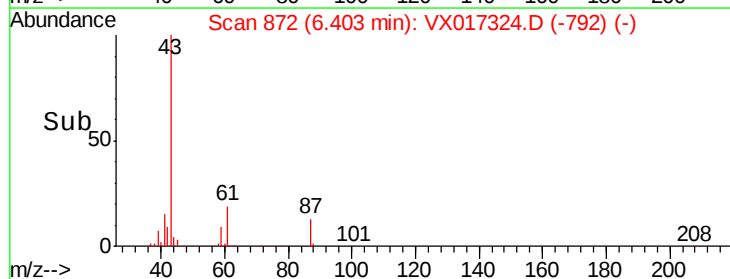
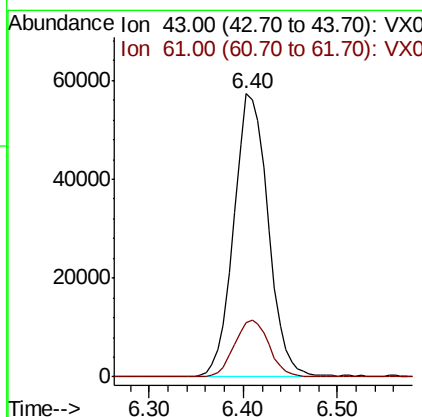
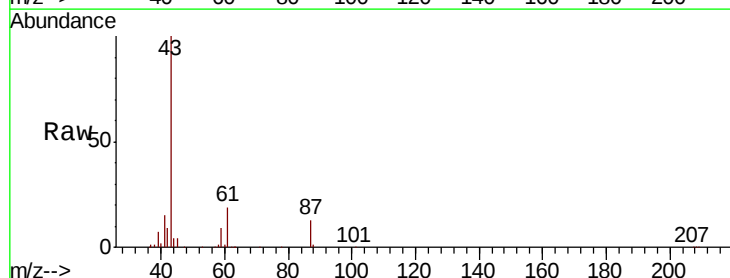
Instrument :
MSVOA_X
ClientSampled :

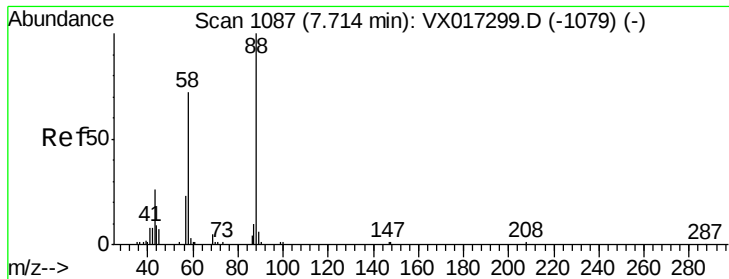
Tot Ion: 43 Resp: 86600
Ion Ratio Lower Upper
43 100
45 15.2 12.1 18.1



#44
Isopropyl Acetate
Concen: 20.075 ug/l
RT: 6.40 min Scan# 872
Delta R.T. -0.01 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

Tgt Ion: 43 Resp: 146415
Ion Ratio Lower Upper
43 100
61 20.2 15.7 23.5

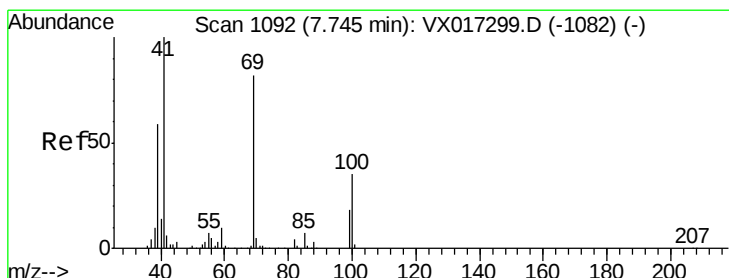
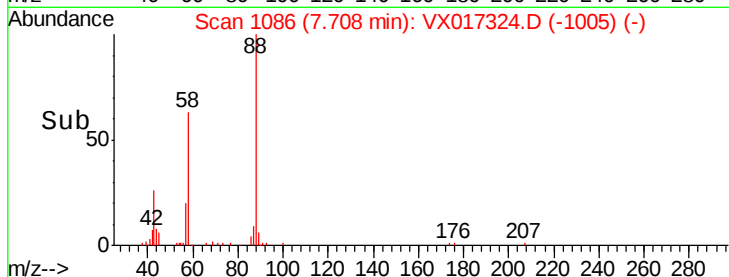
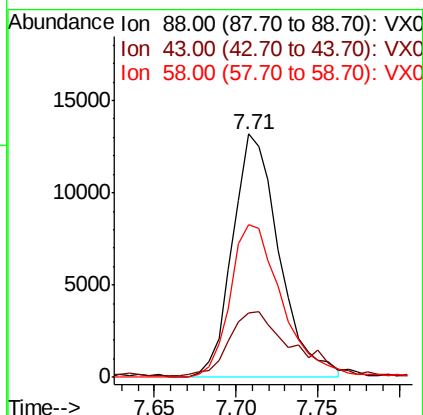
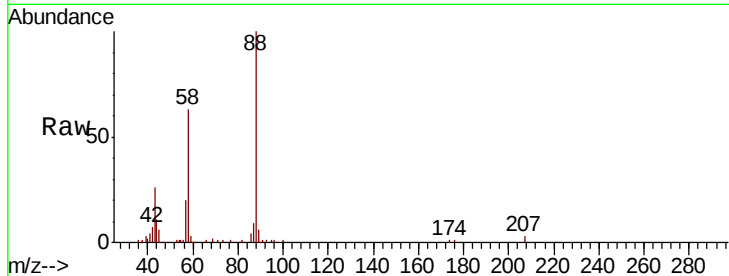




#45
 1,4-Dioxane
 Concen: 377.387 ug/l
 RT: 7.71 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: VX017324.D
 Acq: 10 Jul 2020 10:16

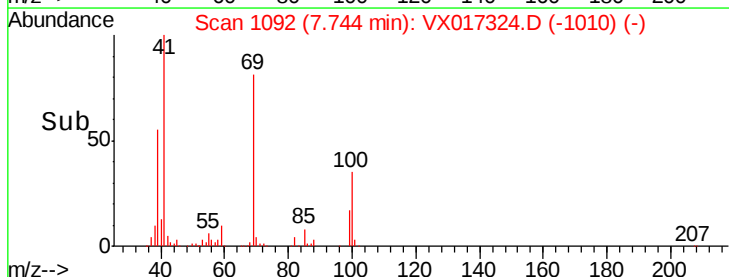
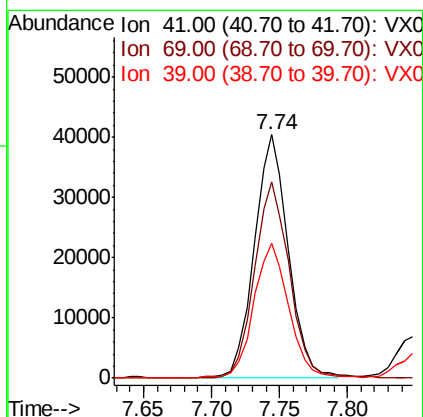
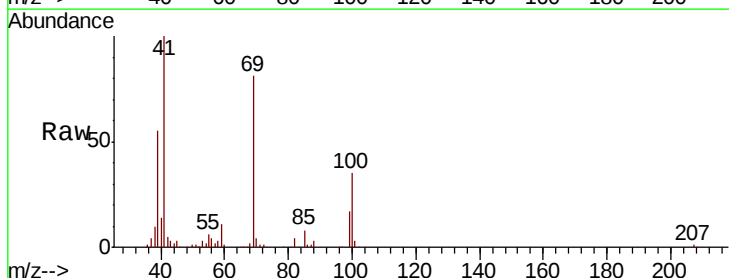
Instrument :
 MSVOA_X
 ClientSampleId :

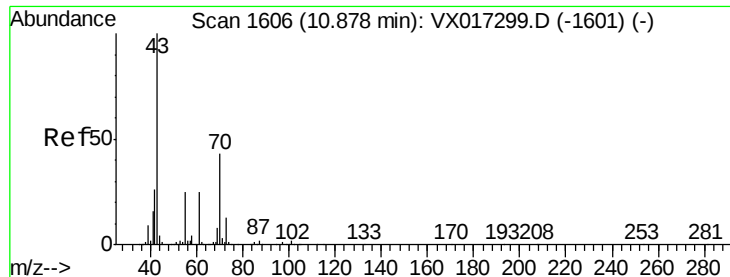
Tot Ion	Ratio	Lower	Upper
88	100		
43	34.6	29.0	43.4
58	69.4	58.3	87.5



#46
 Methyl methacrylate
 Concen: 19.814 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: VX017324.D
 Acq: 10 Jul 2020 10:16

Tgt Ion	Ratio	Lower	Upper
41	100		
69	80.9	41.1	123.3
39	55.2	29.2	87.6

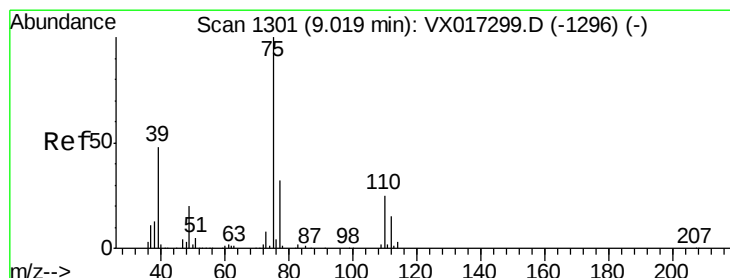
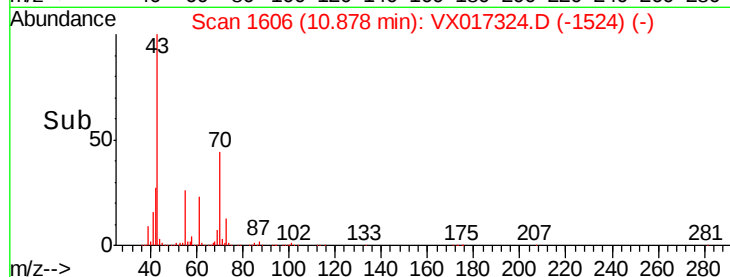
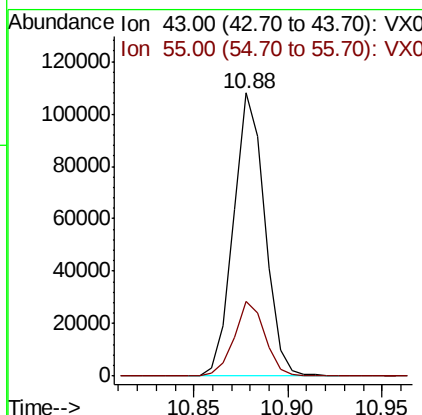
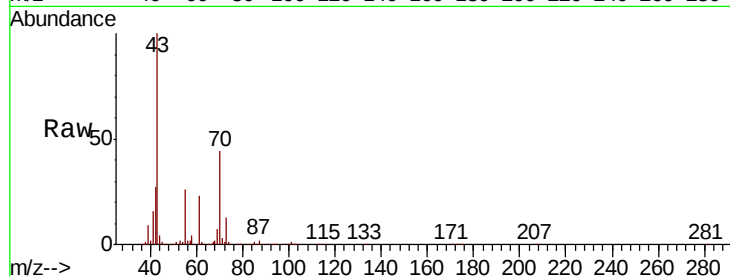




#47
n-amvl Acetate
Concen: 19.258 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

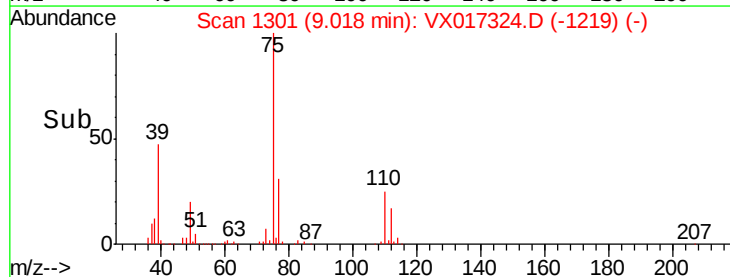
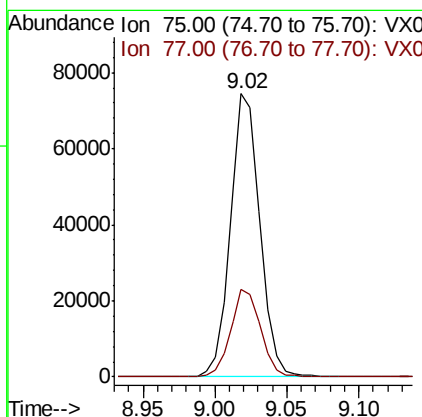
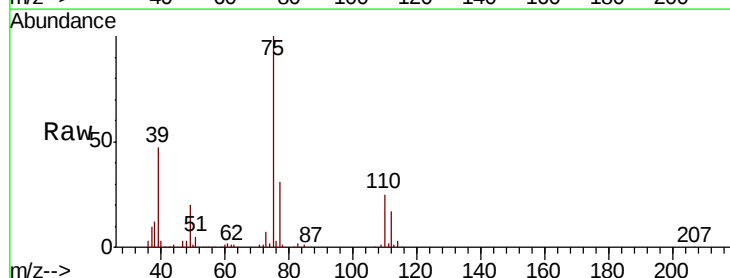
Instrument :
MSVOA_X
ClientSampleId :

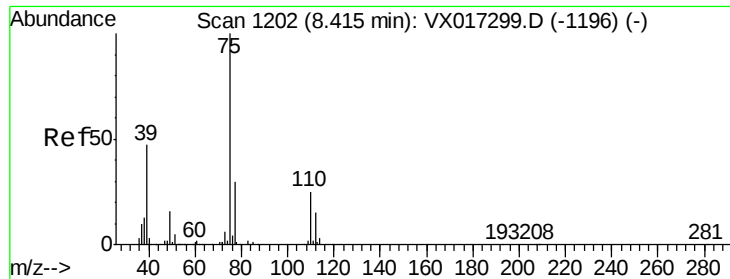
Tot Ion: 43 Resp: 124366
Ion Ratio Lower Upper
43 100
55 26.3 20.4 30.6



#48
t-1,3-Dichloropropene
Concen: 20.350 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

Tgt Ion: 75 Resp: 106999
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4



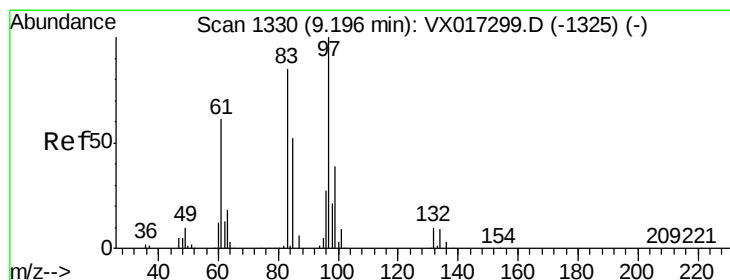
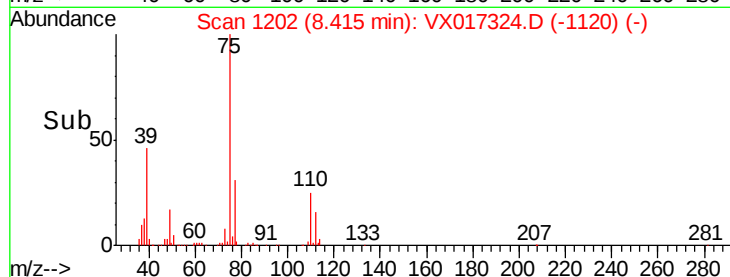
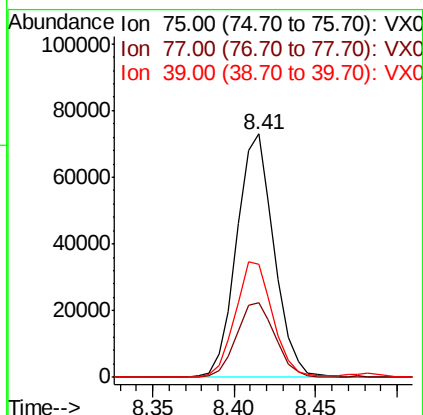
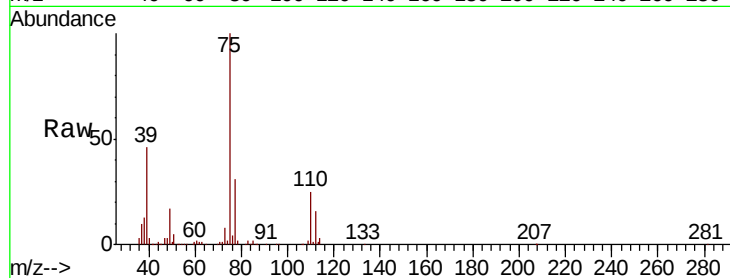


#49

cis-1,3-Dichloropropene
 Concen: 21.136 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017324.D
 Acq: 10 Jul 2020 10:16

Instrument :
 MSVOA_X
 ClientSampleId :

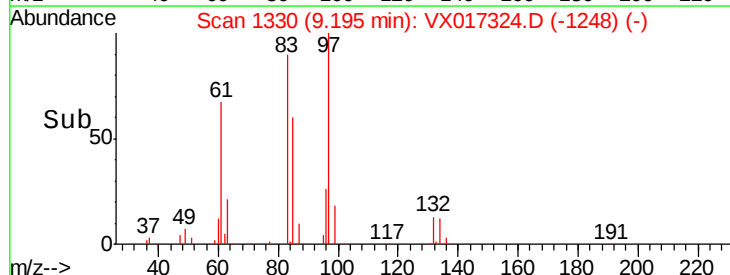
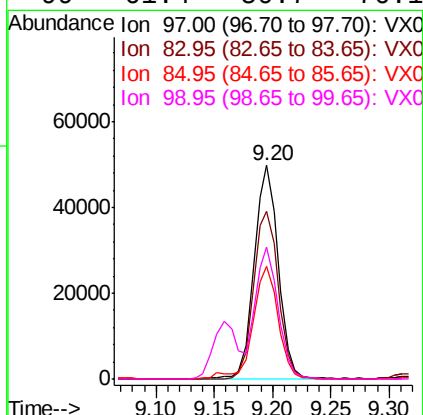
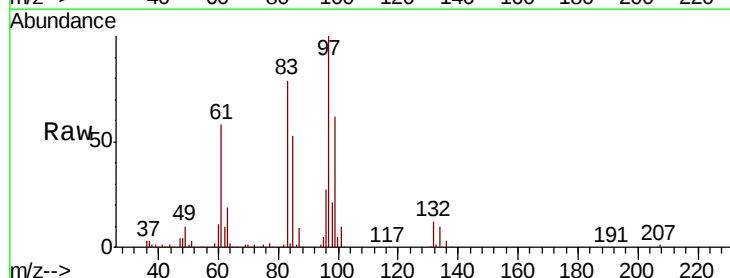
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.5	23.6	35.4
39	45.8	37.5	56.3

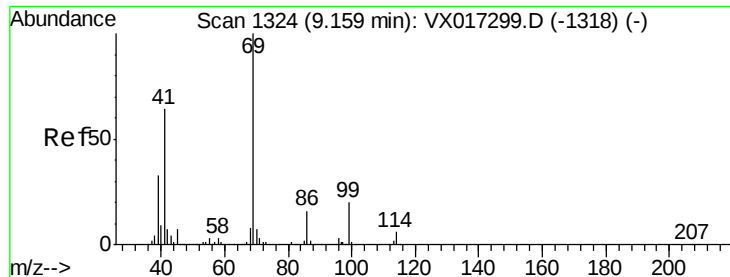


#50

1,1,2-Trichloroethane
 Concen: 21.325 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017324.D
 Acq: 10 Jul 2020 10:16

Tgt Ion	Ratio	Lower	Upper
97	100		
83	78.8	67.9	101.9
85	52.7	42.6	64.0
99	61.4	50.7	76.1





#51

Ethyl methacrylate

Concen: 19.829 ug/l

RT: 9.16 min Scan# 1324

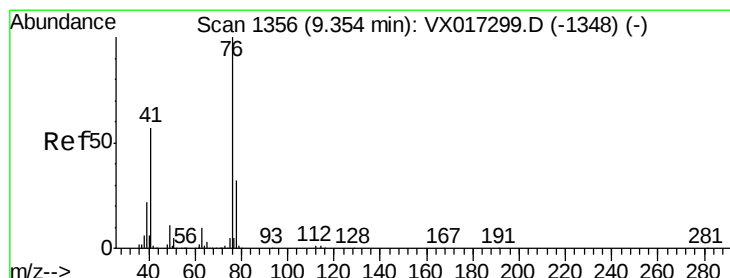
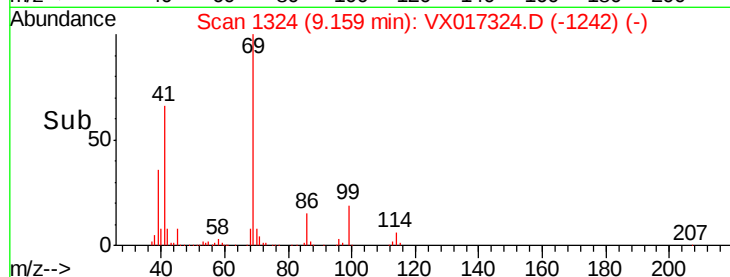
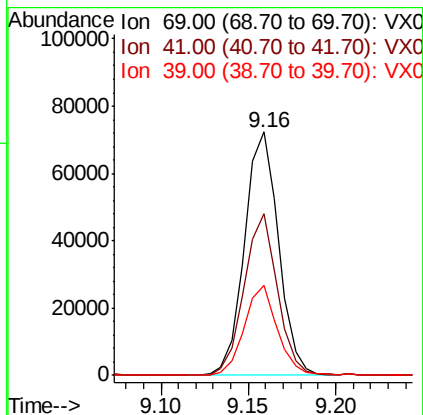
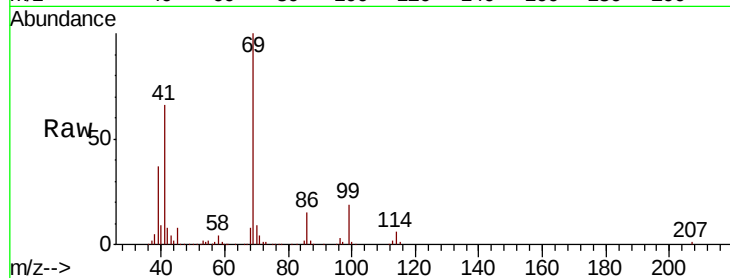
Delta R.T. -0.00 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	69	Resp:	97675
Ion	Ratio	Lower	Upper
69	100		
41	66.0	32.1	96.5
39	36.7	16.3	48.9



#52

1,3-Dichloropropane

Concen: 21.041 ug/l

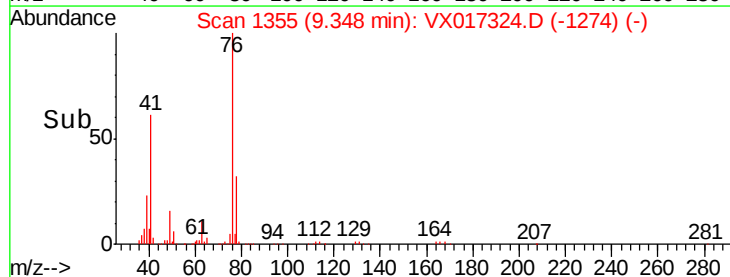
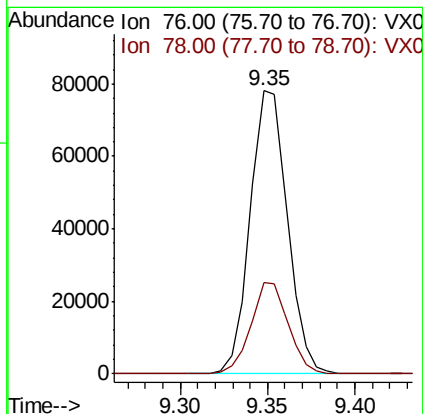
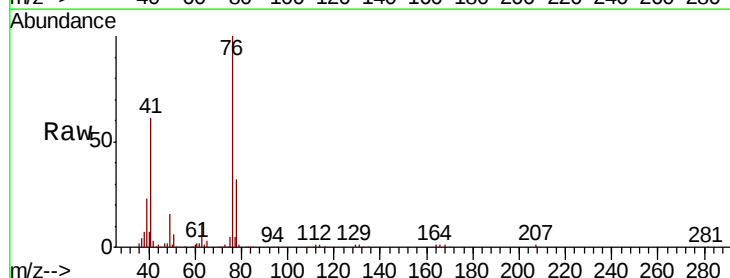
RT: 9.35 min Scan# 1355

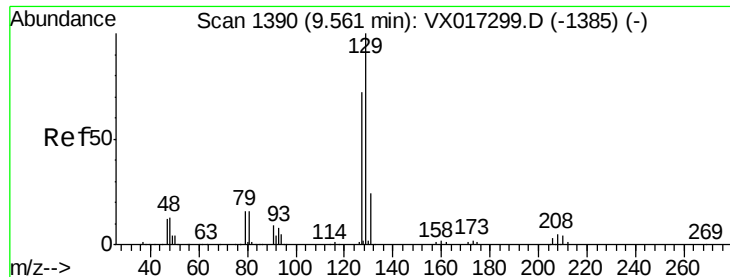
Delta R.T. -0.01 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

Tgt Ion:	76	Resp:	115880
Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	65.6





#53

Dibromochloromethane

Concen: 20.598 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

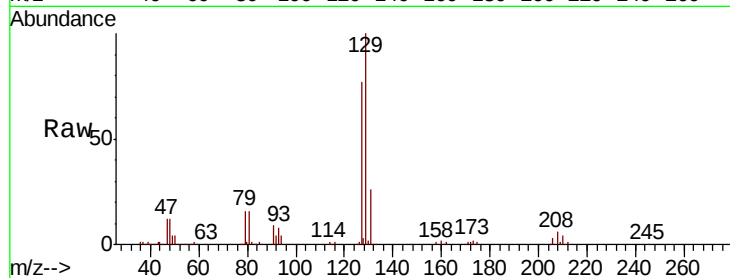
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 85011

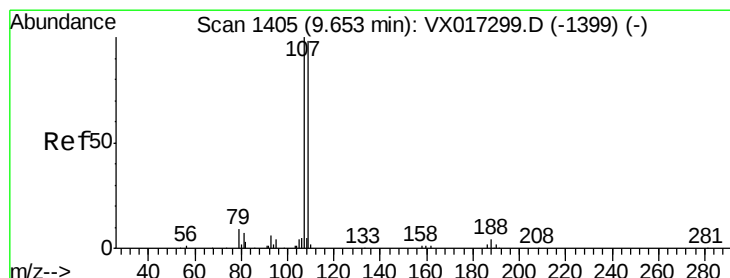
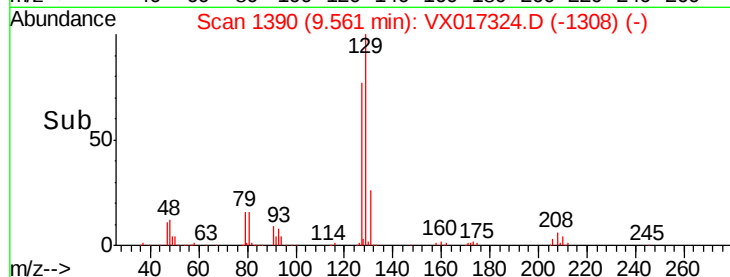
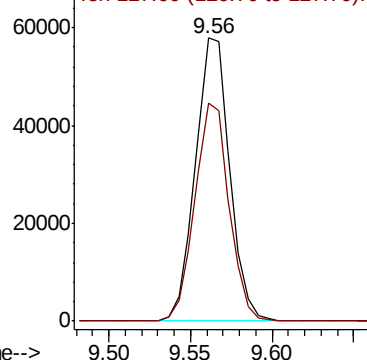
Ion Ratio Lower Upper

129 100

127 76.8 37.5 112.5



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.662 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017324.D

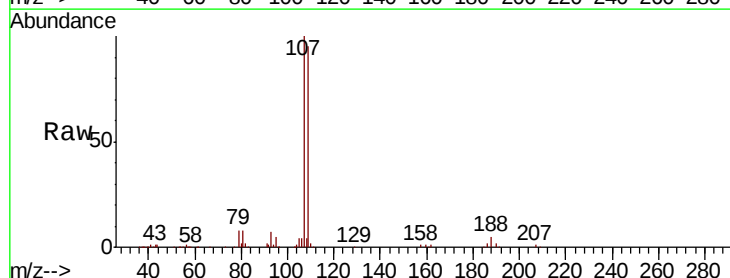
Acq: 10 Jul 2020 10:16

Tgt Ion:107 Resp: 74693

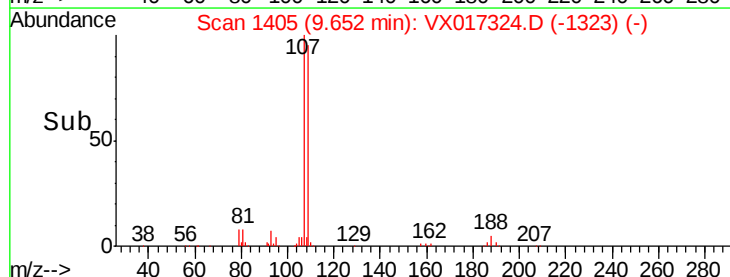
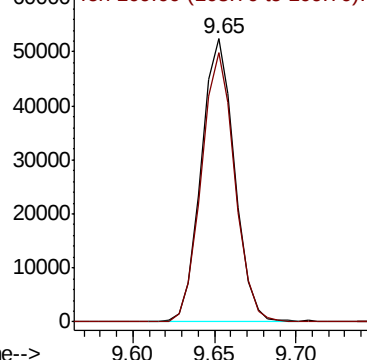
Ion Ratio Lower Upper

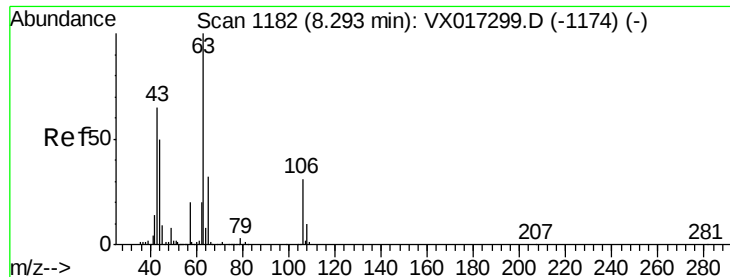
107 100

109 94.8 76.9 115.3



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

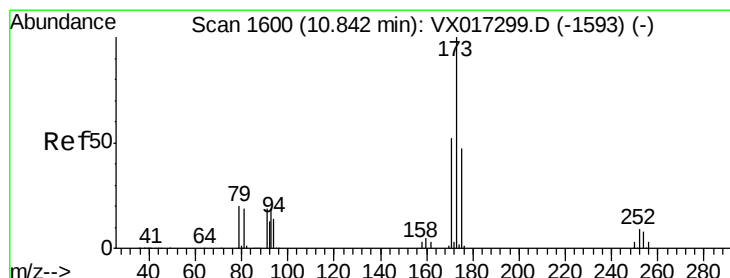
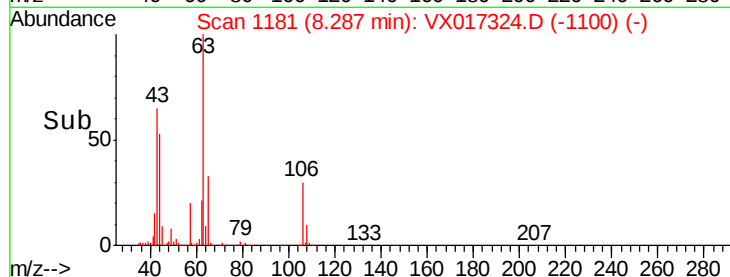
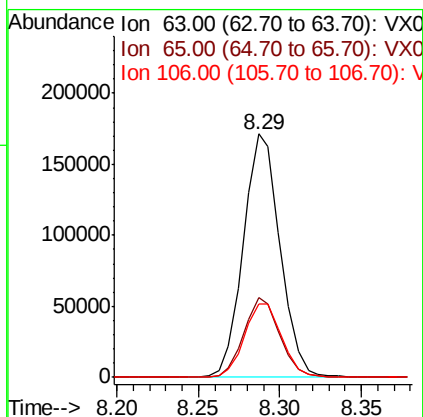
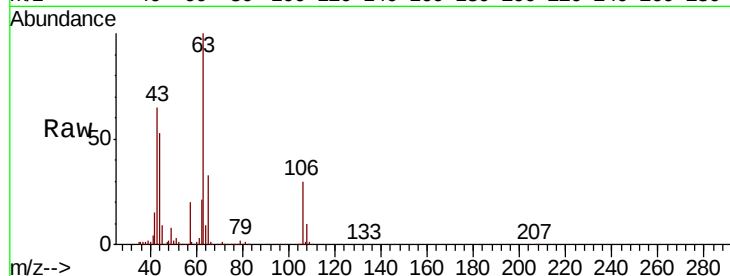




#55
2-Chloroethyl vinyl ether
Concen: 111.828 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

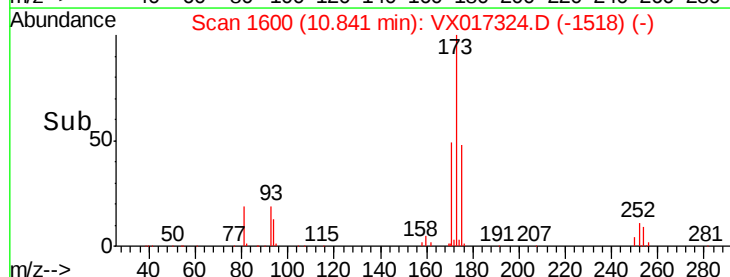
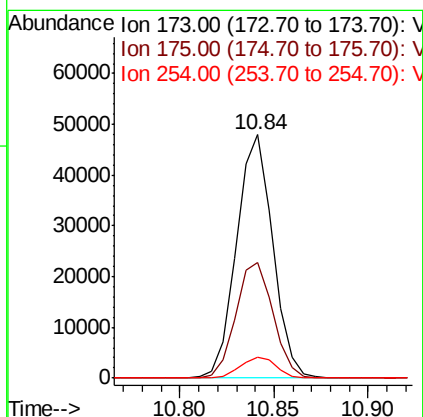
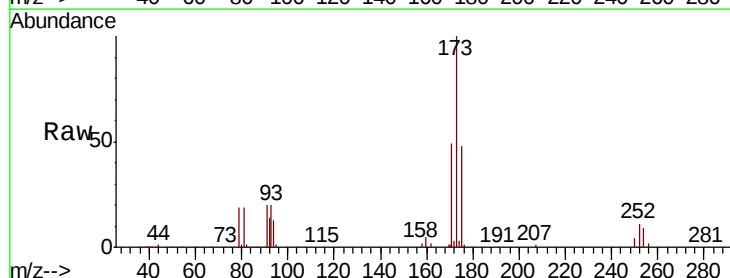
Instrument :
MSVOA_X
ClientSampleId :

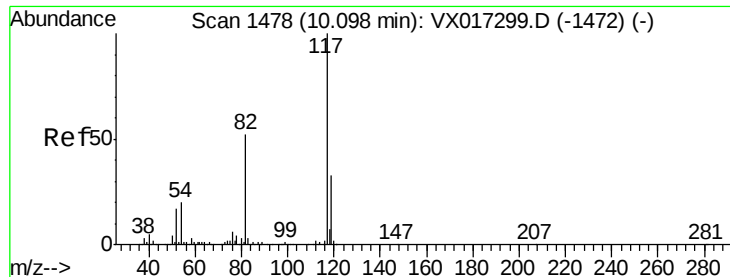
Tot Ion: 63 Resp: 267630
Ion Ratio Lower Upper
63 100
65 32.2 25.4 38.0
106 31.0 24.5 36.7



#56
Bromoform
Concen: 19.820 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

Tgt Ion: 173 Resp: 63810
Ion Ratio Lower Upper
173 100
175 48.9 38.4 57.6
254 8.7 7.0 10.4

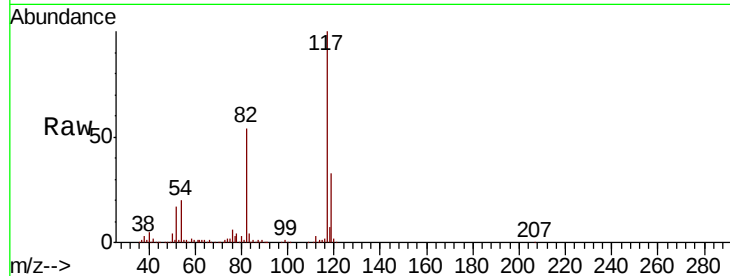




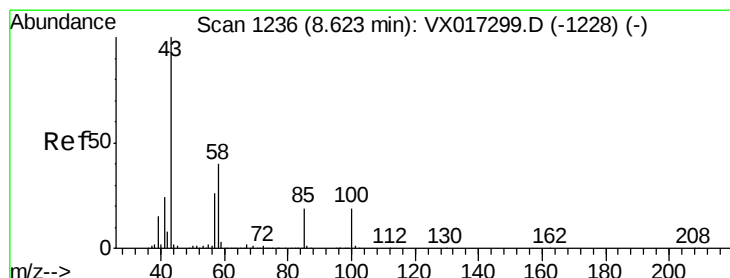
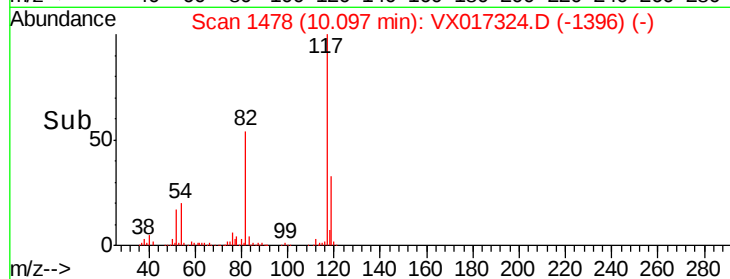
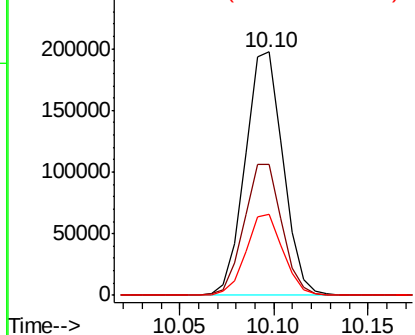
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 275524
Ion Ratio Lower Upper
117 100
82 53.9 42.2 63.4
119 32.6 26.4 39.6

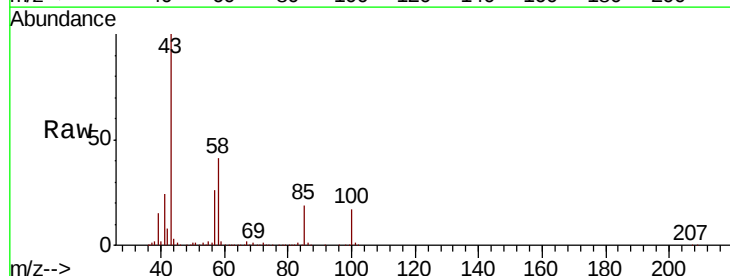


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

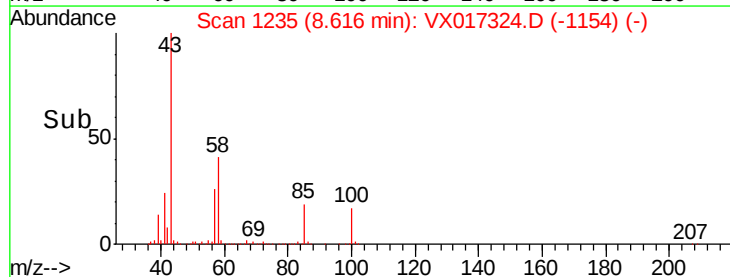
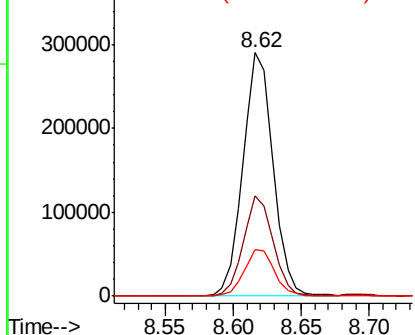


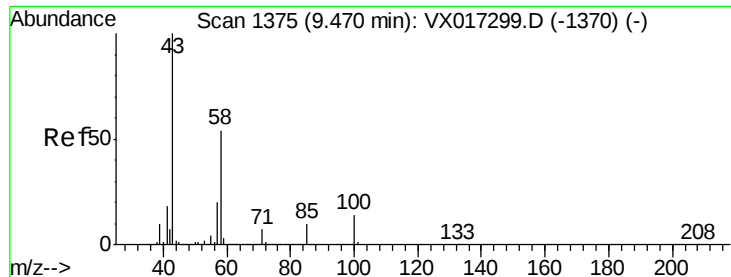
#58
4-Methyl-2-Pentanone
Concen: 103.367 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

Tgt Ion: 43 Resp: 451271
Ion Ratio Lower Upper
43 100
58 40.4 32.2 48.2
85 19.3 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

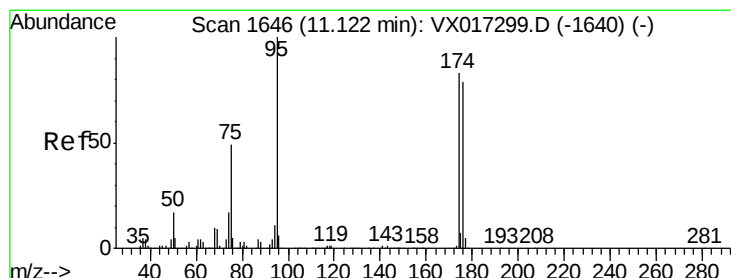
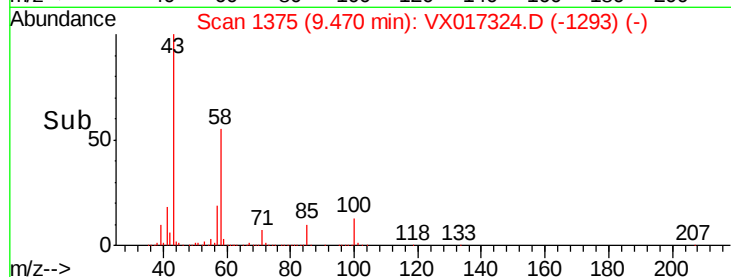
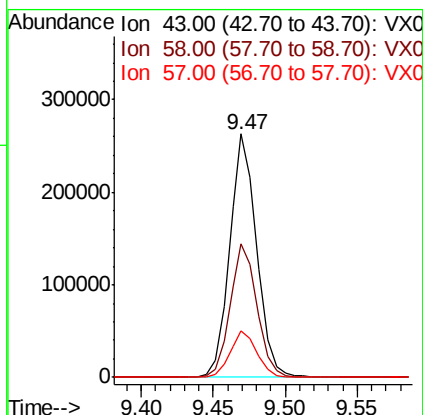
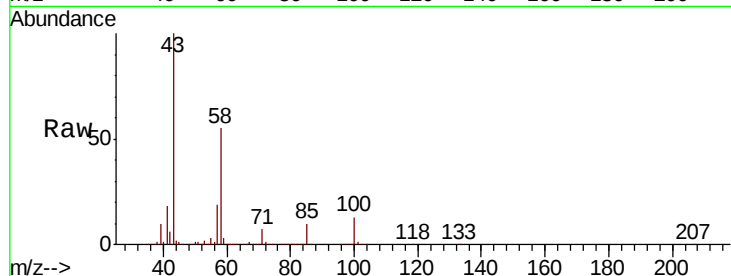




#59
2-Hexanone
Concen: 102.888 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

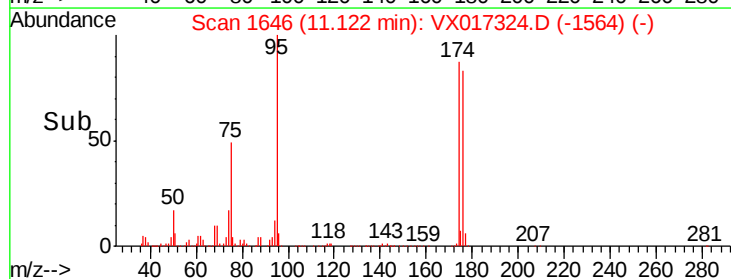
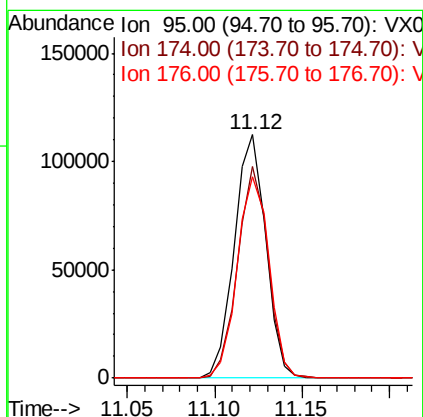
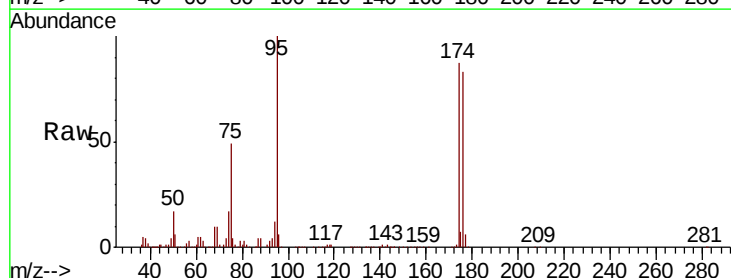
Instrument :
MSVOA_X
ClientSampleId :

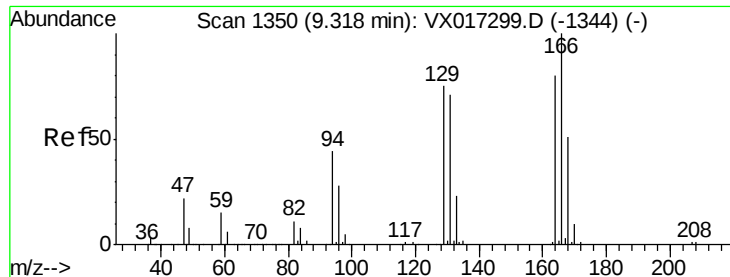
Tot Ion	Ratio	Lower	Upper
43	100		
58	55.1	43.4	65.0
57	19.1	15.1	22.7



#60
4-Bromofluorobenzene
Concen: 30.024 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.4	66.9	100.3
176	83.9	65.5	98.3





#61

Tetrachloroethene

Concen: 23.008 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 80757

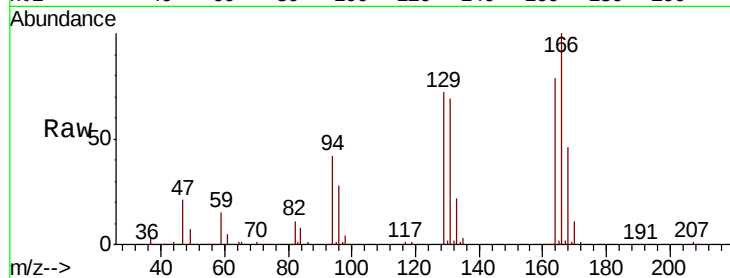
Ion Ratio Lower Upper

164 100

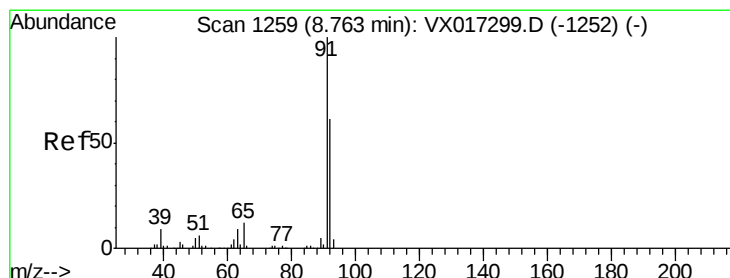
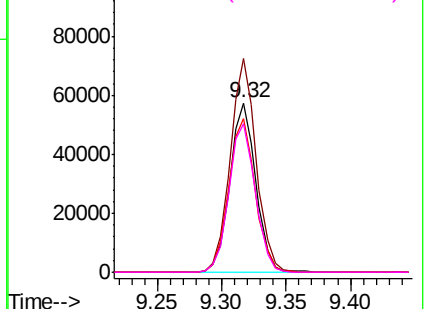
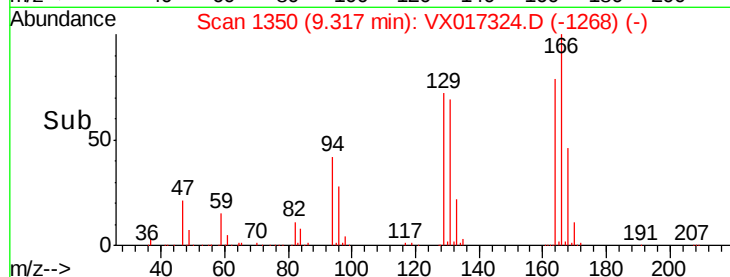
166 126.2 99.8 149.6

129 90.4 74.4 111.6

131 87.6 70.6 105.8



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 21.950 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017324.D

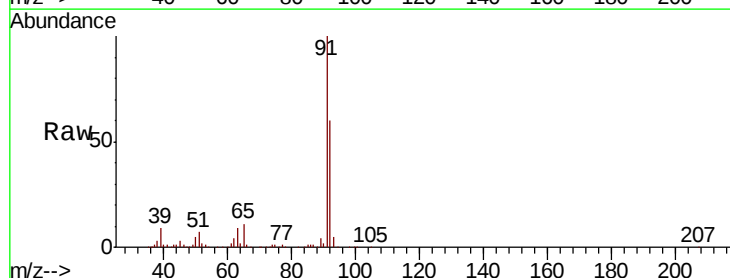
Acq: 10 Jul 2020 10:16

Tgt Ion: 91 Resp: 286304

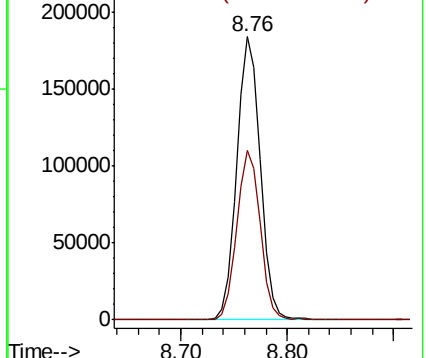
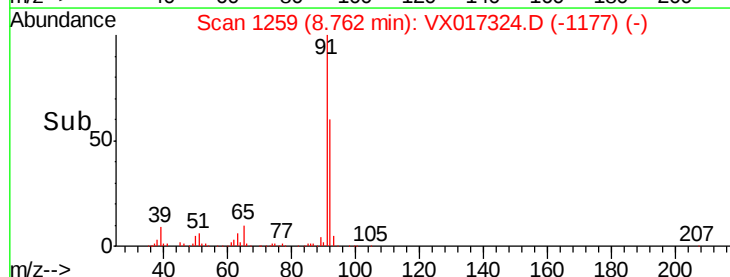
Ion Ratio Lower Upper

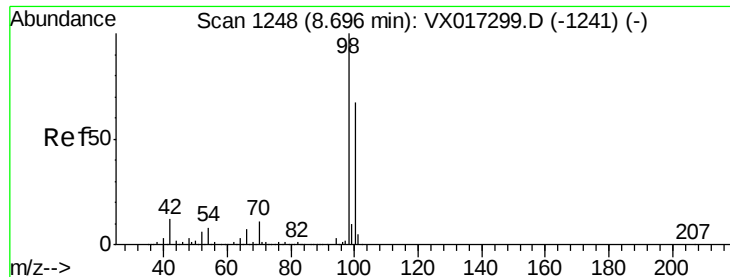
91 100

92 59.4 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: 31.177 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

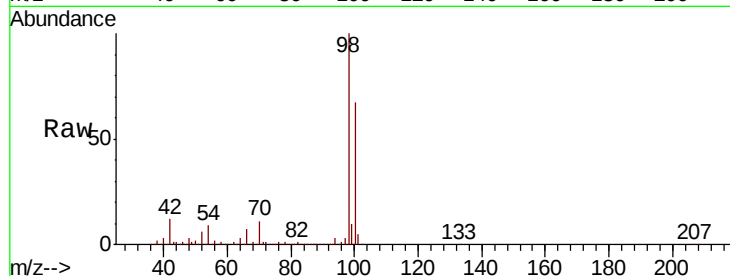
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 98 Resp: 363355

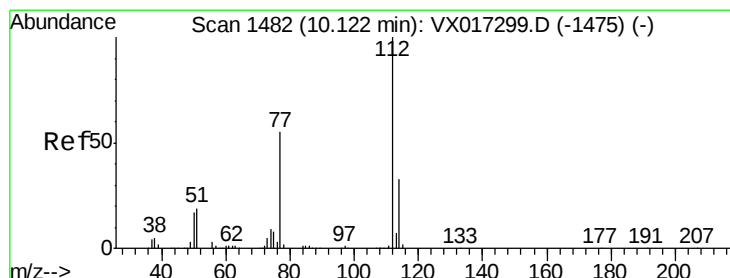
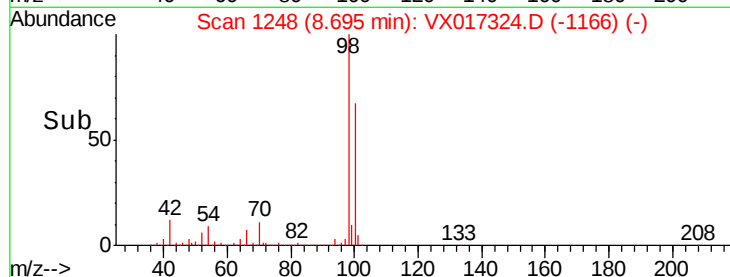
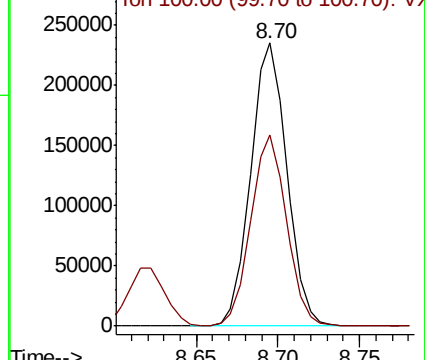
Ion Ratio Lower Upper

98 100

100 66.4 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VX017299.D (-1241) (-)



#64

Chlorobenzene

Concen: 21.066 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017324.D

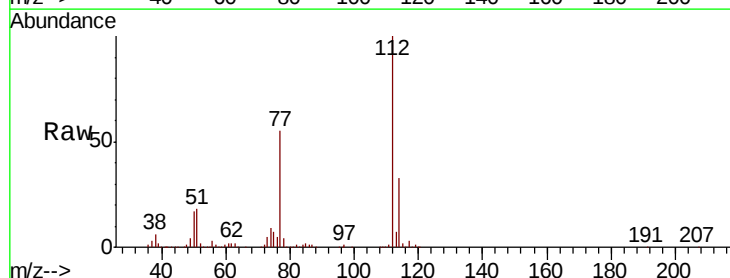
Acq: 10 Jul 2020 10:16

Tgt Ion: 112 Resp: 183327

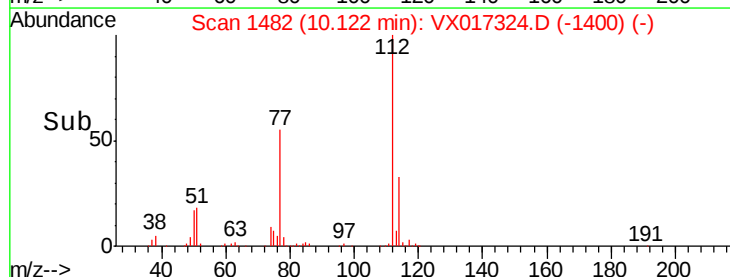
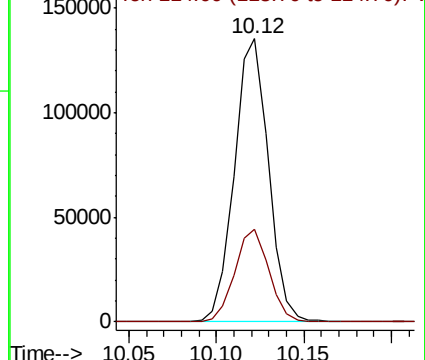
Ion Ratio Lower Upper

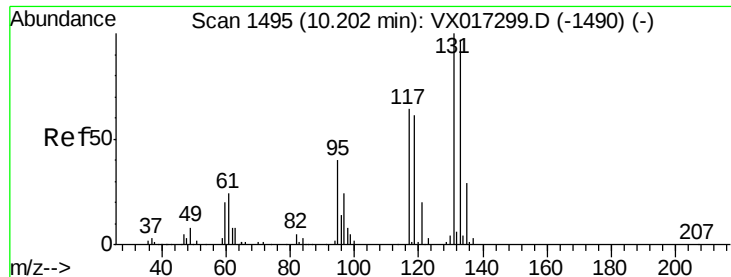
112 100

114 32.5 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): VX017299.D (-1475) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 21.640 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

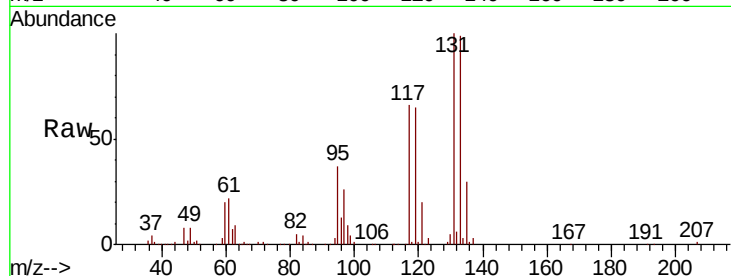
Tot Ion:131 Resp: 76943

Ion Ratio Lower Upper

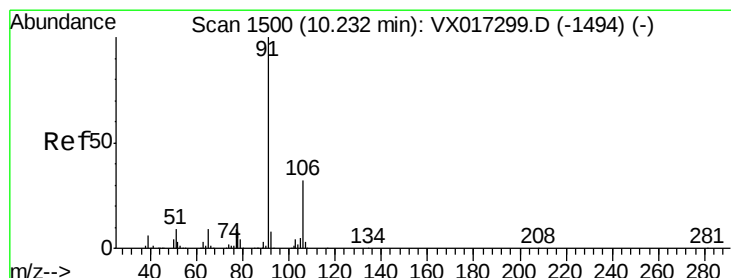
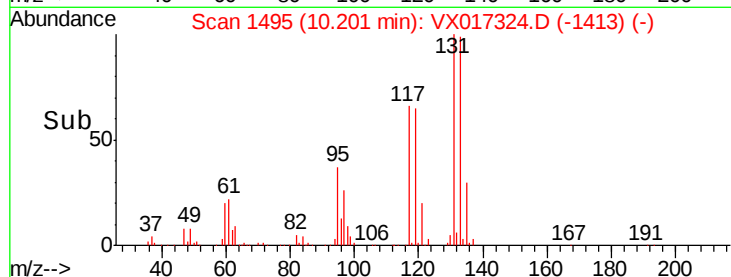
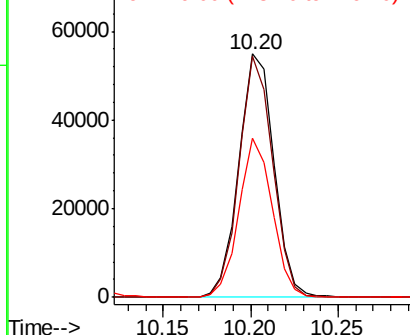
131 100

133 94.7 0.0 196.8

119 62.4 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: 21.381 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017324.D

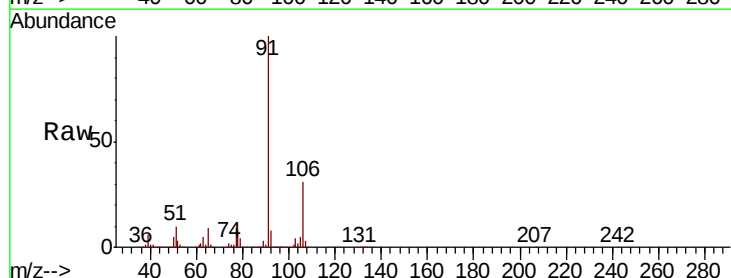
Acq: 10 Jul 2020 10:16

Tgt Ion: 91 Resp: 313831

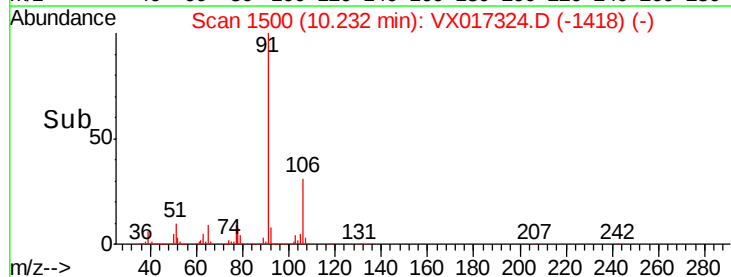
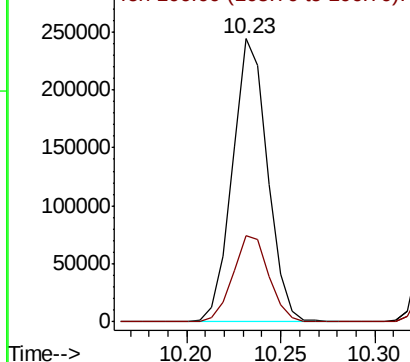
Ion Ratio Lower Upper

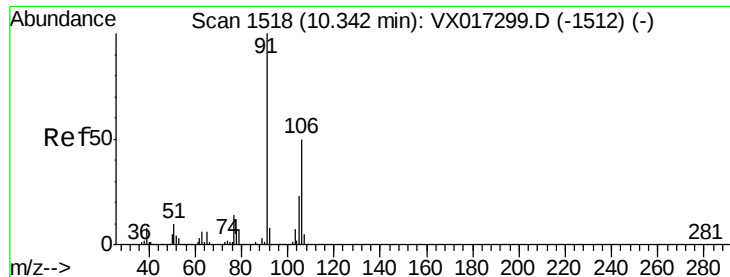
91 100

106 30.6 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 43.602 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

Instrument :

MSVOA_X

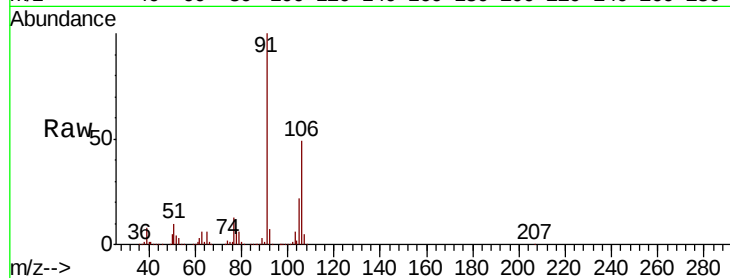
ClientSampleId :

Tot Ion:106 Resp: 247247

Ion Ratio Lower Upper

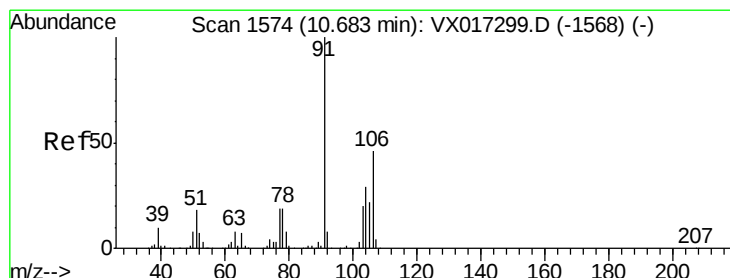
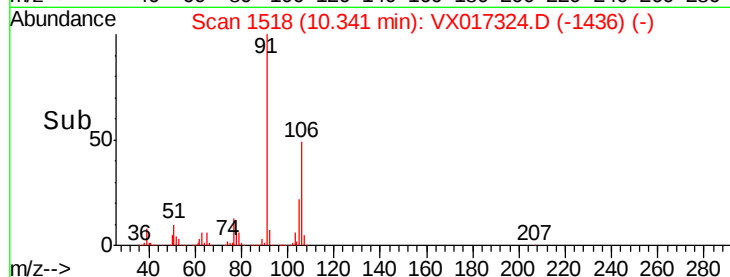
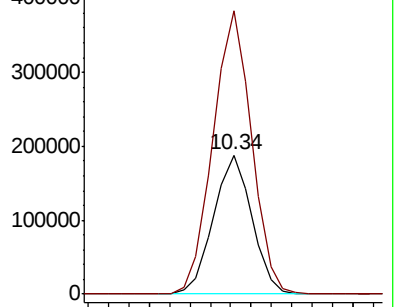
106 100

91 204.0 159.7 239.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 21.314 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017324.D

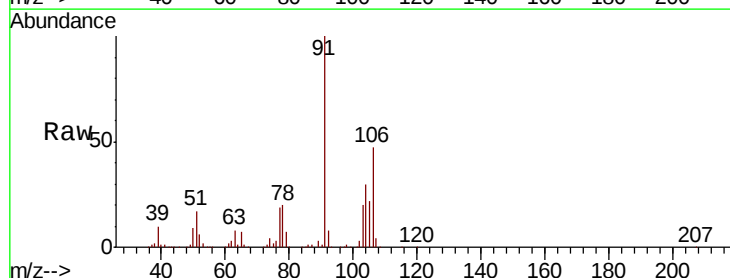
Acq: 10 Jul 2020 10:16

Tgt Ion:106 Resp: 114855

Ion Ratio Lower Upper

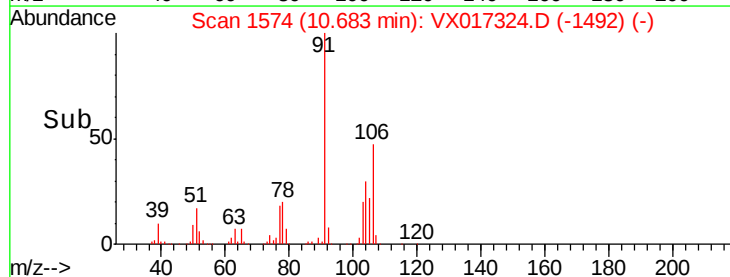
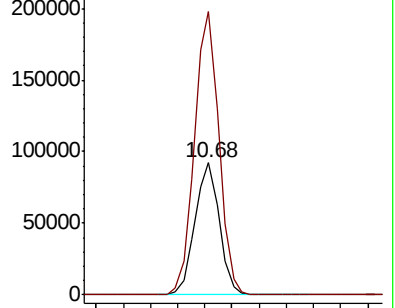
106 100

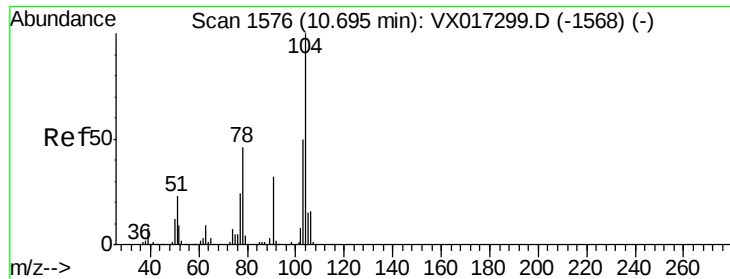
91 213.7 109.6 328.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

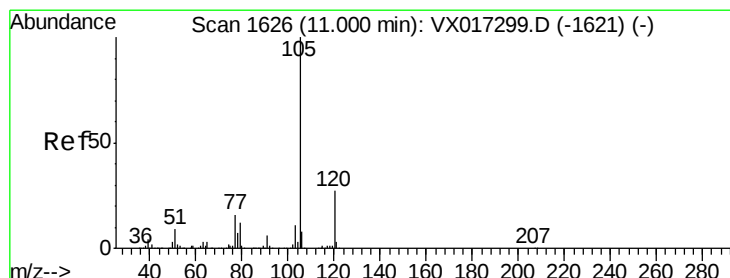
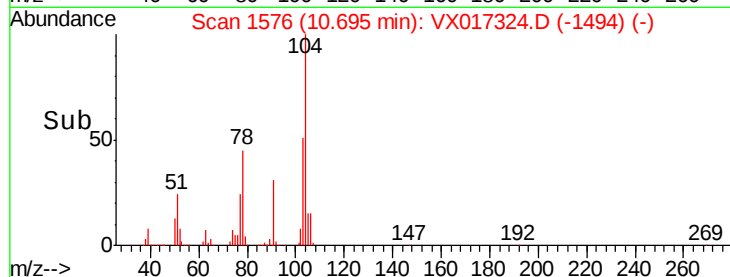
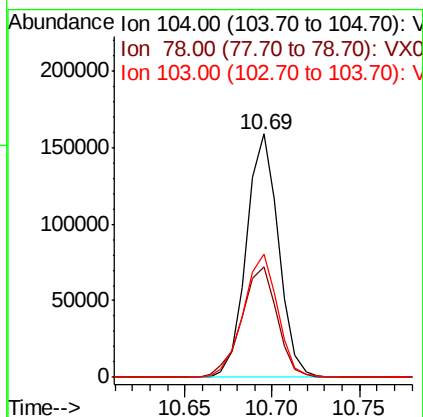
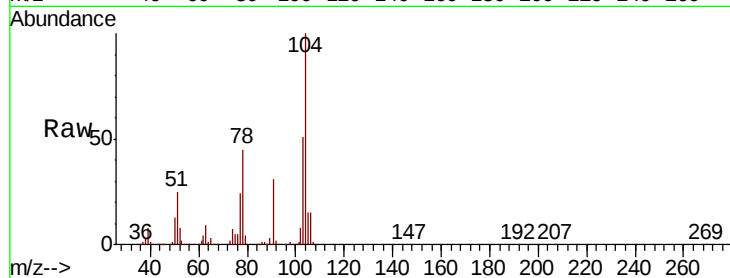




#69
Stvrene
Concen: 21.314 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

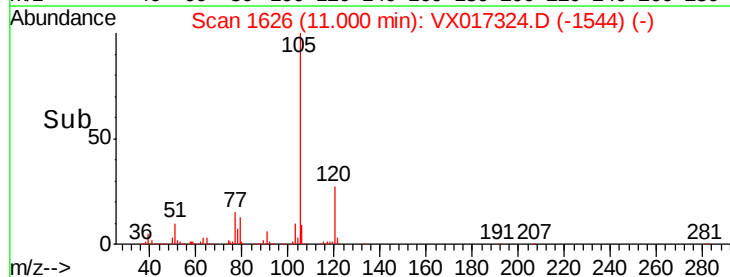
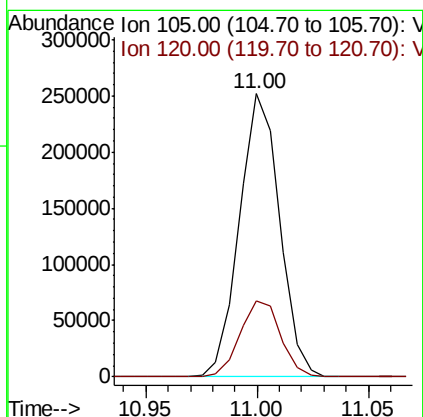
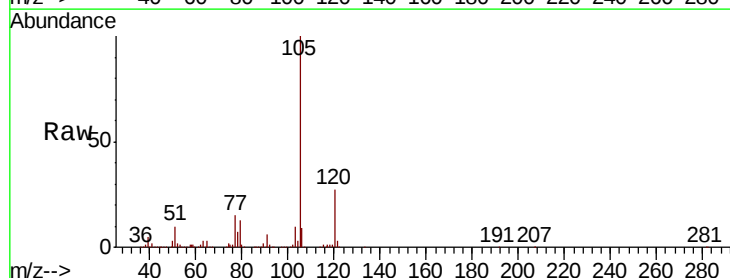
Instrument :
MSVOA_X
ClientSampleId :

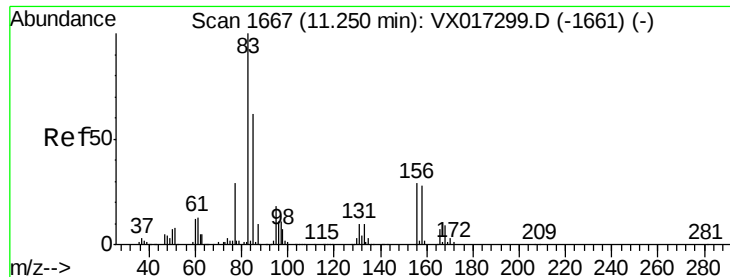
Tot Ion	Ratio	Lower	Upper
104	100		
78	50.3	40.8	61.2
103	54.6	44.3	66.5



#70
Isopropylbenzene
Concen: 21.476 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	19.3	35.8

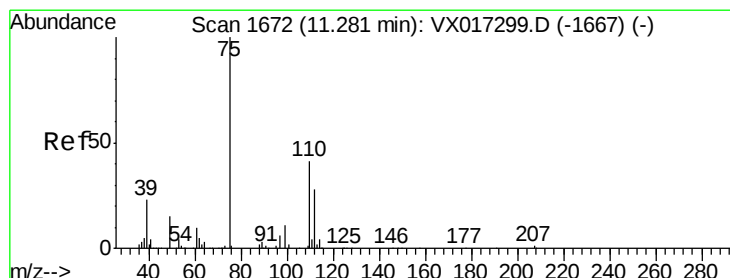
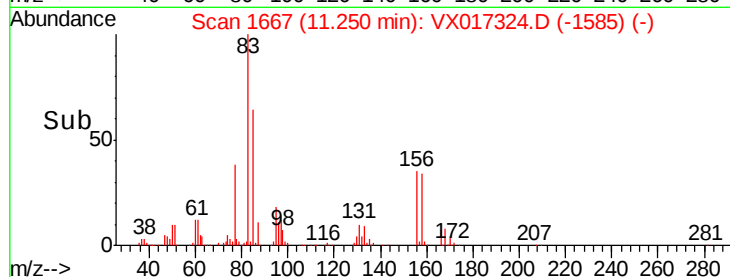
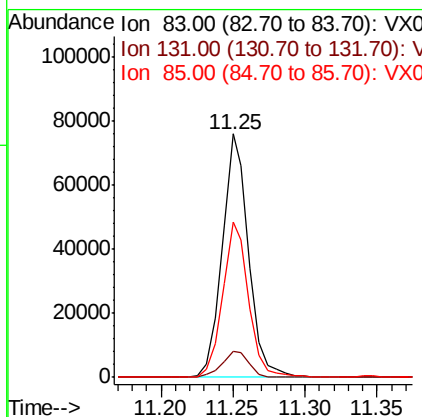
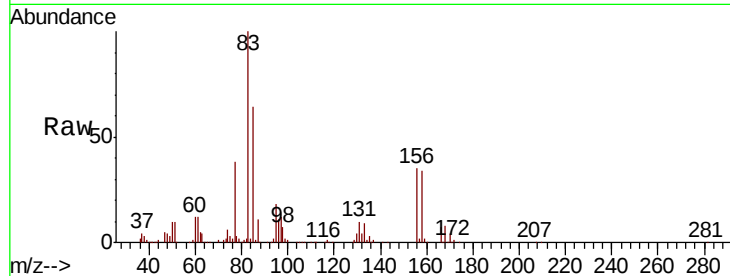




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.022 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: VX017324.D
 Acq: 10 Jul 2020 10:16

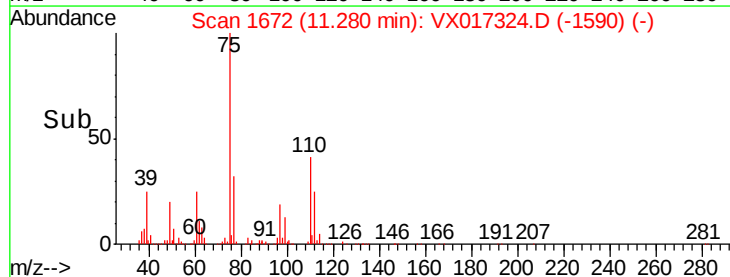
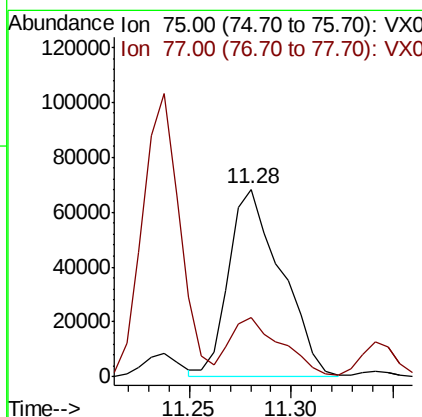
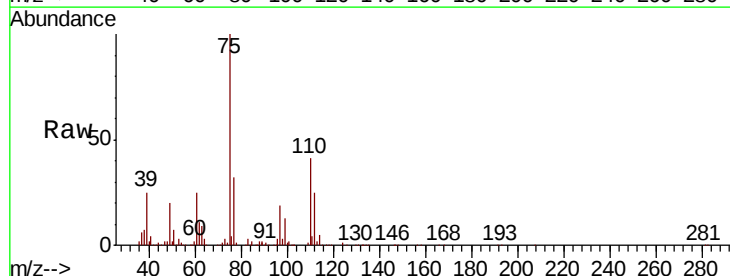
Instrument :
 MSVOA_X
 ClientSampleId :

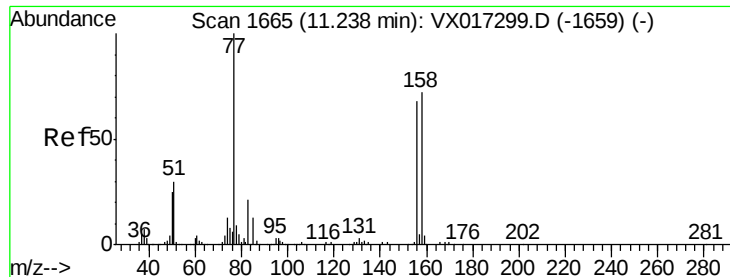
Tot Ion	83	Resp	97451
Ion Ratio	100		
Lower	5.5		
Upper	16.5		
85	63.0		94.5



#72
 1,2,3-Trichloropropane
 Concen: 26.918 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX017324.D
 Acq: 10 Jul 2020 10:16

Tgt Ion	75	Resp	122578
Ion Ratio	100		
Lower	0.0		
Upper	72.2		
77	31.3		





#73

Bromobenzene

Concen: 21.649 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

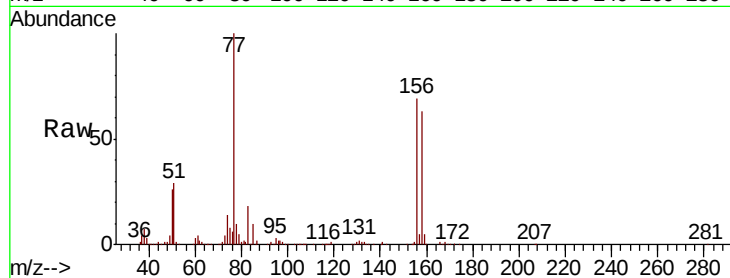
Tot Ion:156 Resp: 89908

Ion Ratio Lower Upper

156 100

77 145.6 0.0 299.2

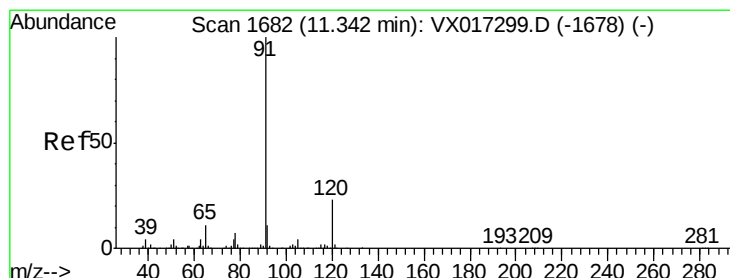
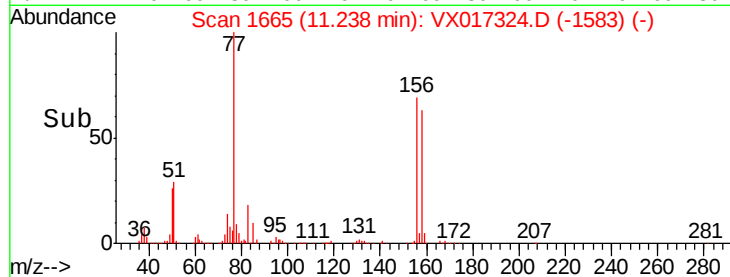
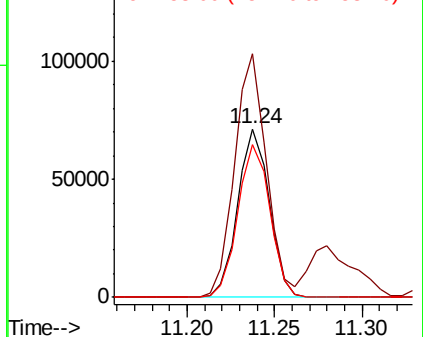
158 92.5 0.0 199.0



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: 21.781 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017324.D

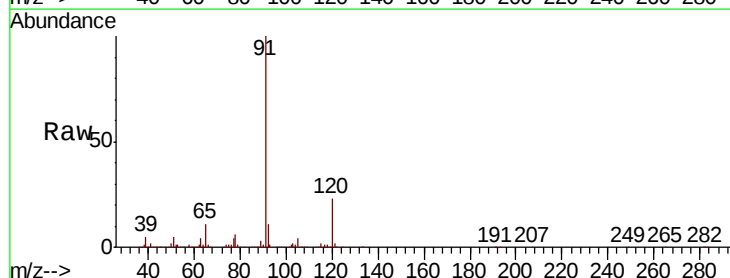
Acq: 10 Jul 2020 10:16

Tgt Ion: 91 Resp: 372968

Ion Ratio Lower Upper

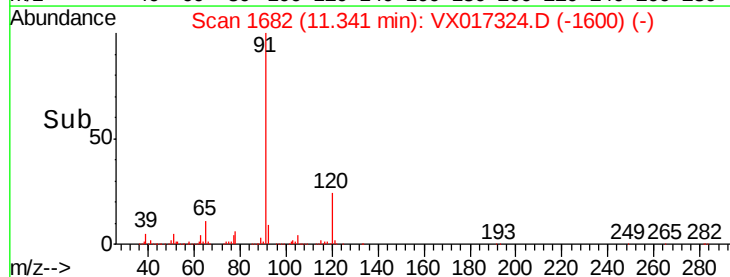
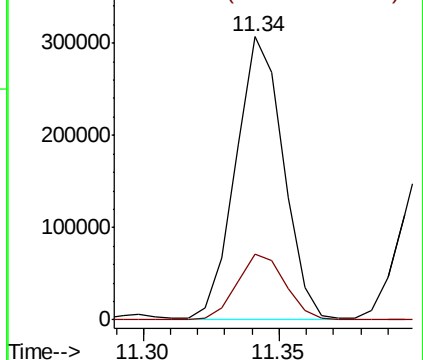
91 100

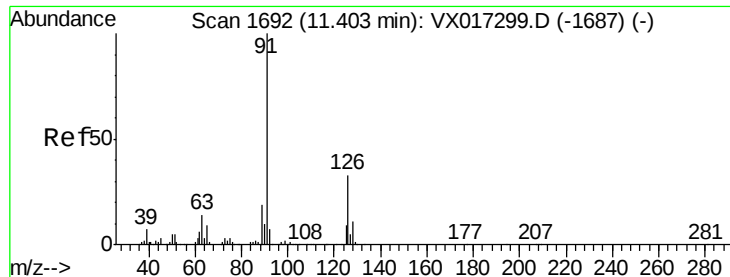
120 23.5 0.0 48.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 21.452 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

Instrument :

MSVOA_X

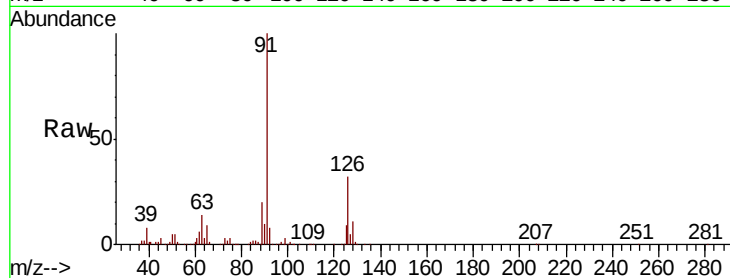
ClientSampleId :

Tot Ion: 91 Resp: 223941

Ion Ratio Lower Upper

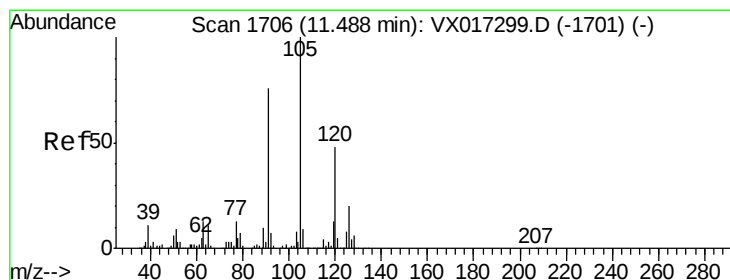
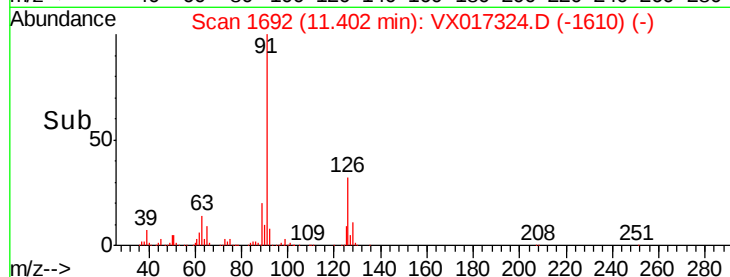
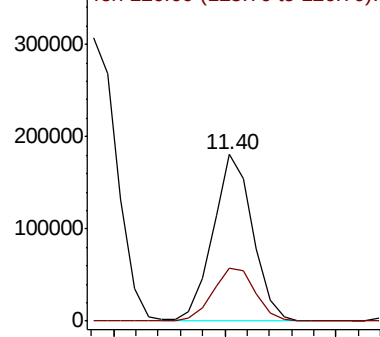
91 100

126 34.2 0.0 68.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 21.660 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX017324.D

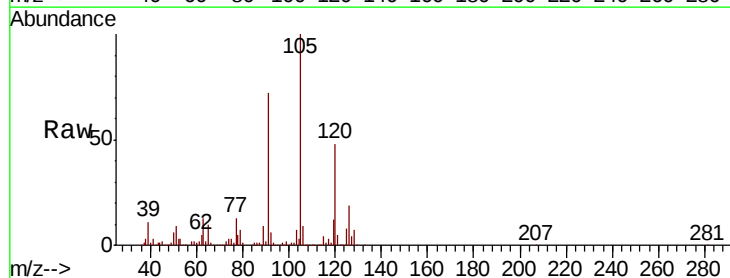
Acq: 10 Jul 2020 10:16

Tgt Ion:105 Resp: 274682

Ion Ratio Lower Upper

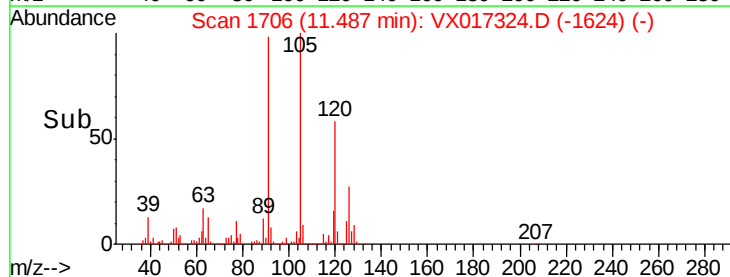
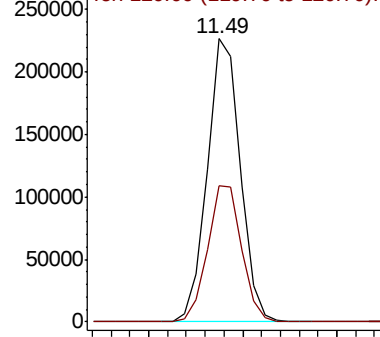
105 100

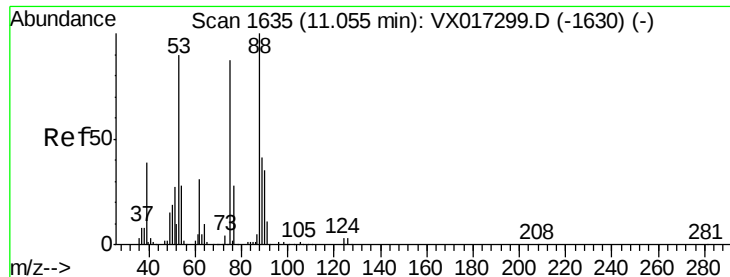
120 49.8 0.0 98.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

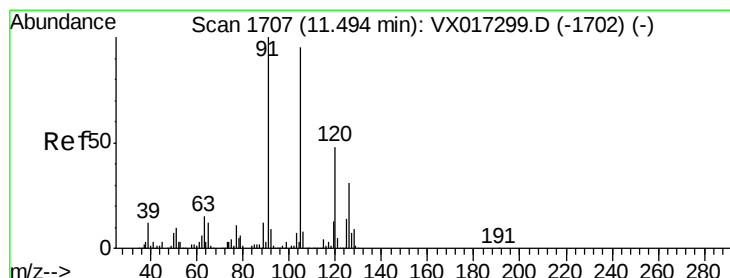
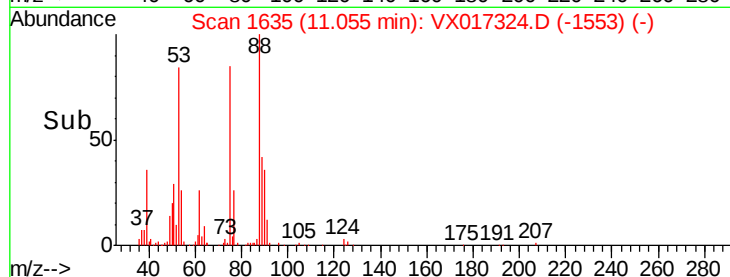
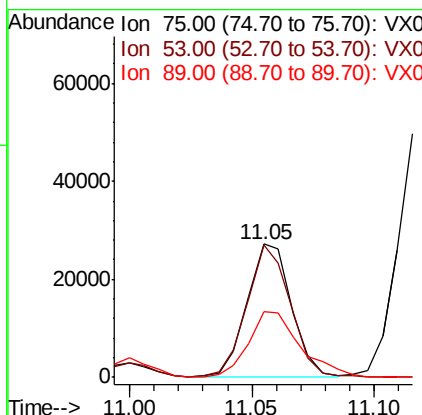
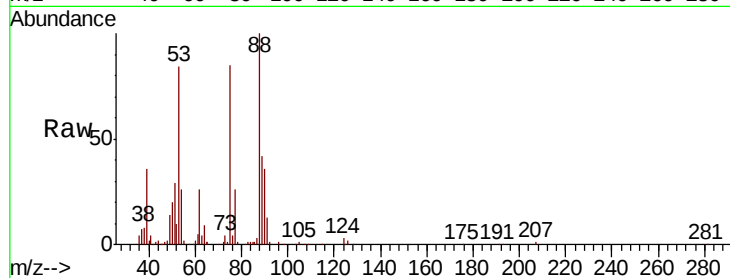




#77
t-1,4-Dichloro-2-butene
Concen: 20.055 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

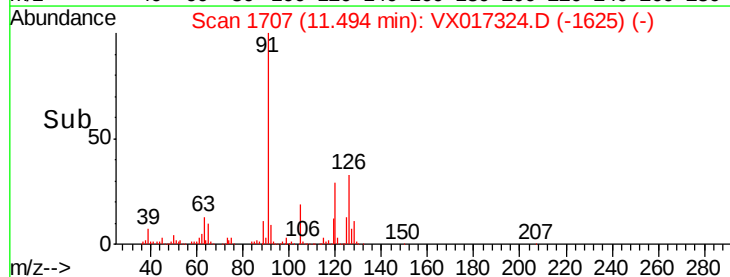
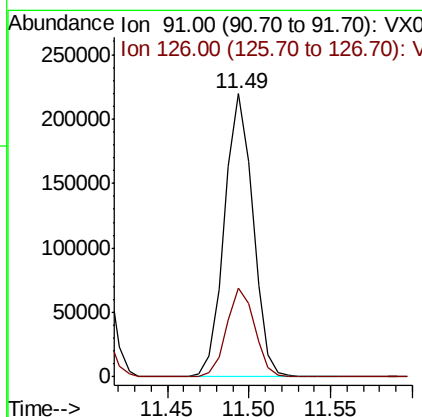
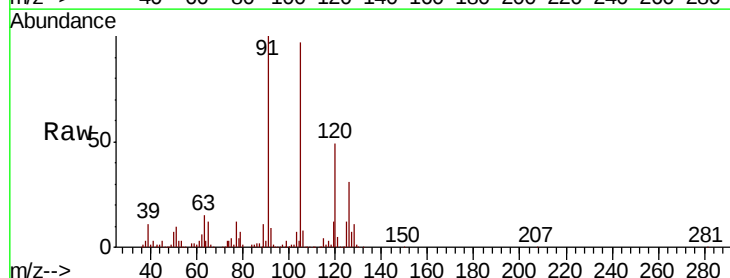
Instrument :
MSVOA_X
ClientSampleId :

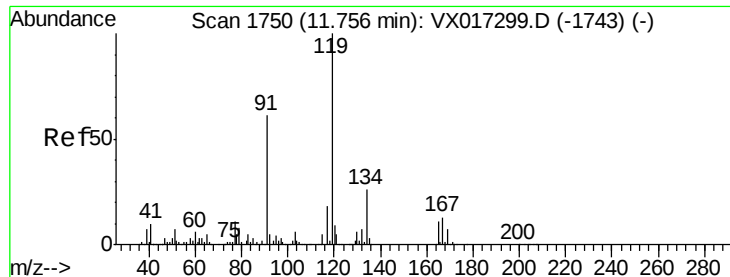
Tot Ion: 75 Resp: 34823
Ion Ratio Lower Upper
75 100
53 98.9 52.1 156.3
89 48.7 23.7 71.1



#78
4-Chlorotoluene
Concen: 21.495 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

Tgt Ion: 91 Resp: 266007
Ion Ratio Lower Upper
91 100
126 30.7 0.0 61.2





#79

tert-butylbenzene

Concen: 21.512 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017324.D

Acq: 10 Jul 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

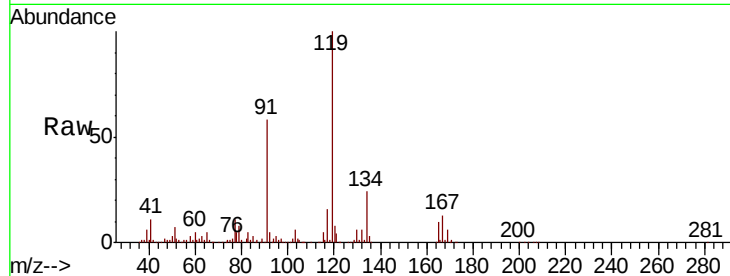
Tot Ion:119 Resp: 264718

Ion Ratio Lower Upper

119 100

91 57.1 0.0 113.6

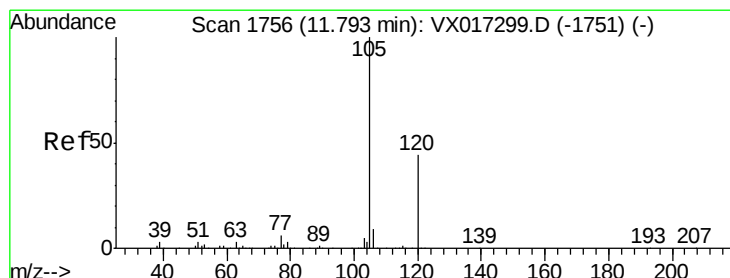
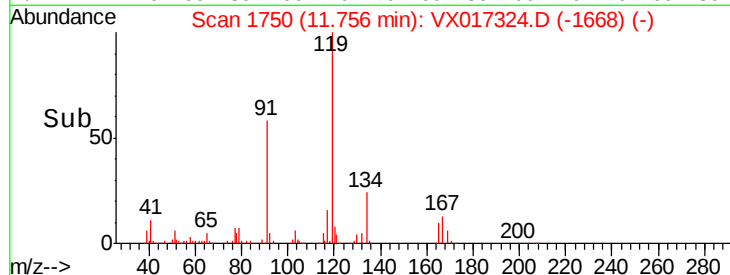
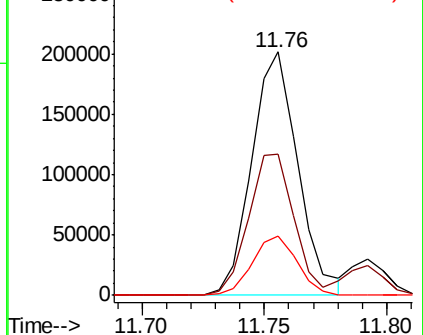
134 23.6 0.0 48.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 21.990 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017324.D

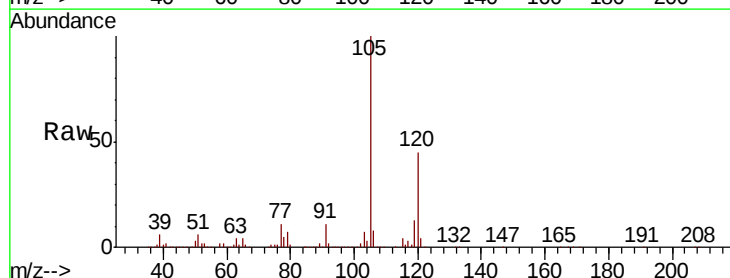
Acq: 10 Jul 2020 10:16

Tgt Ion:105 Resp: 281346

Ion Ratio Lower Upper

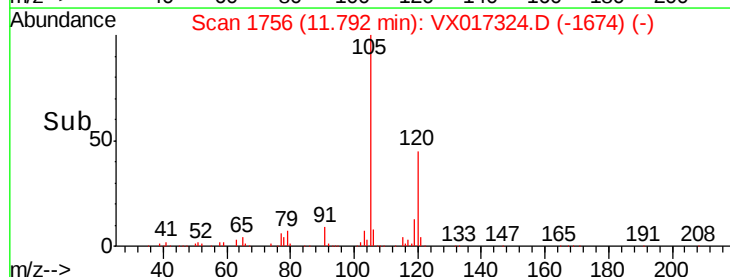
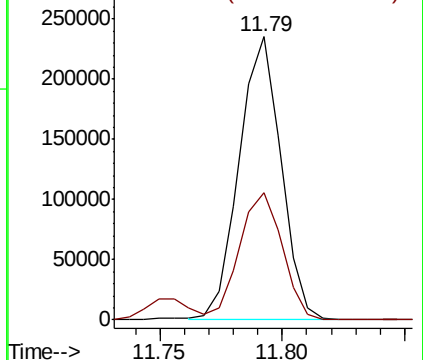
105 100

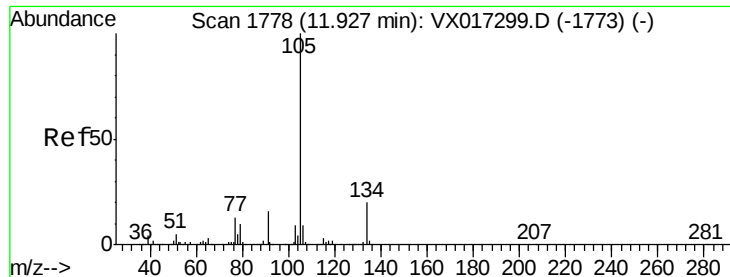
120 46.2 0.0 93.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

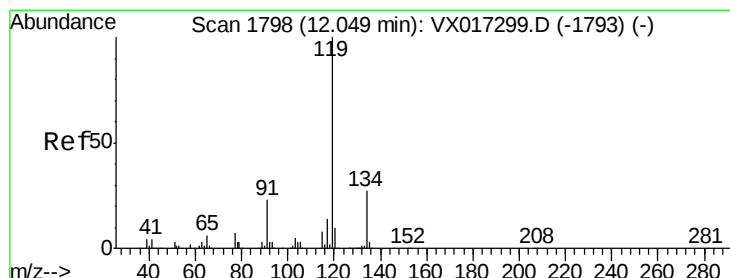
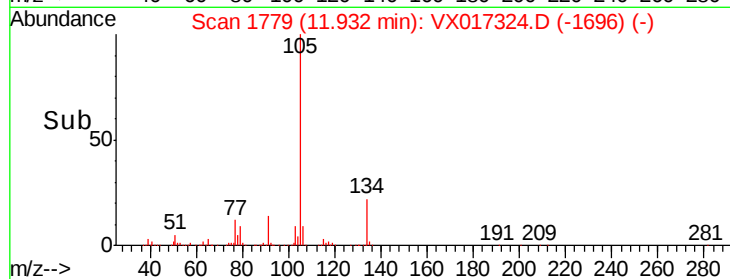
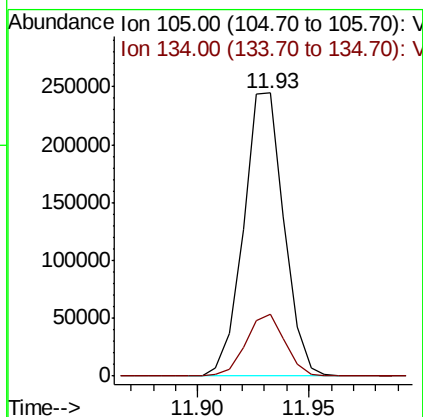
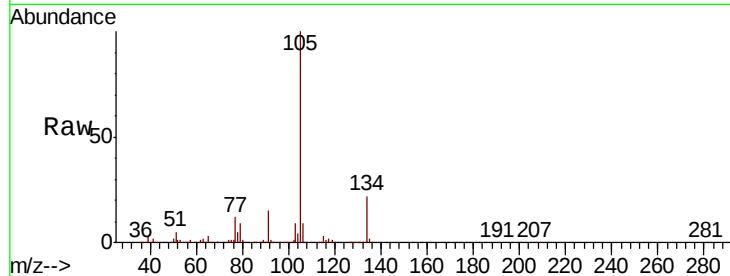




#81
 sec-Butylbenzene
 Concen: 21.868 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX017324.D
 Acq: 10 Jul 2020 10:16

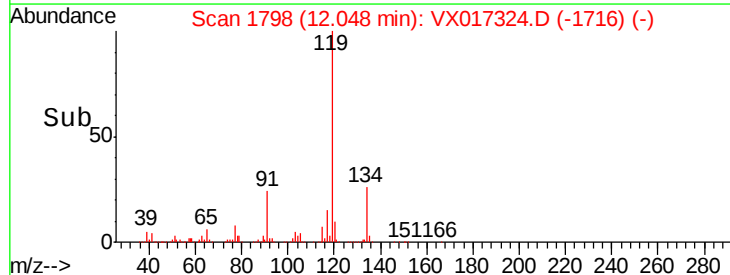
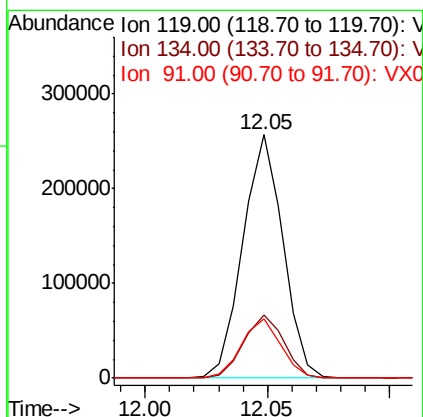
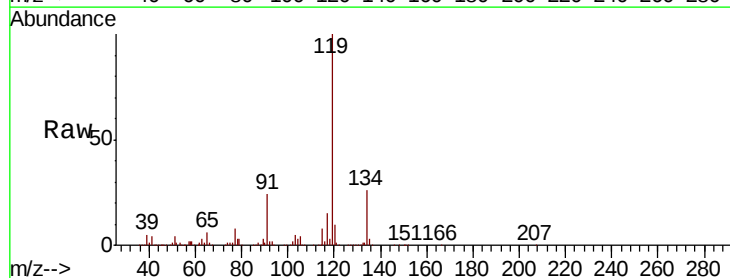
Instrument :
 MSVOA_X
 ClientSampled :

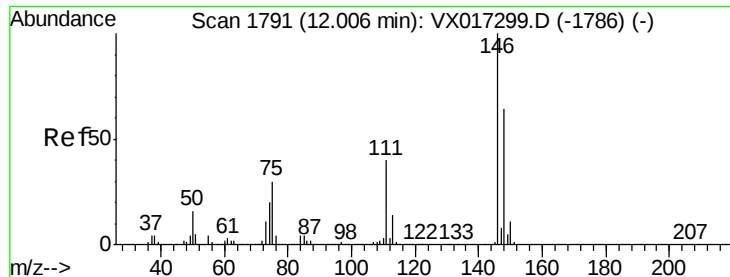
Tot Ion:105 Resp: 310181
 Ion Ratio Lower Upper
 105 100
 134 21.2 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 21.942 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017324.D
 Acq: 10 Jul 2020 10:16

Tgt Ion:119 Resp: 294292
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 53.6
 91 24.2 0.0 48.0

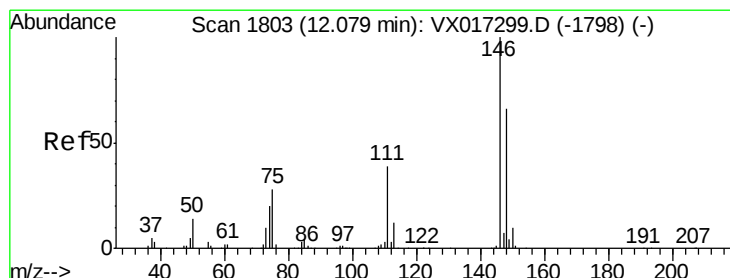
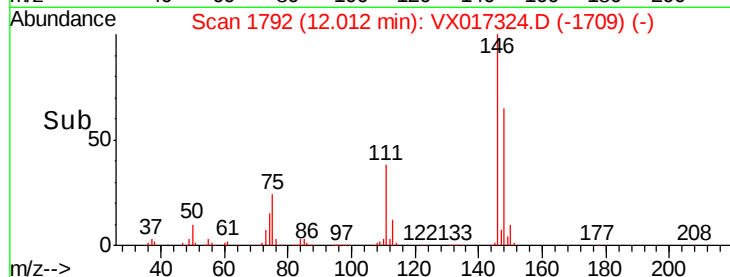
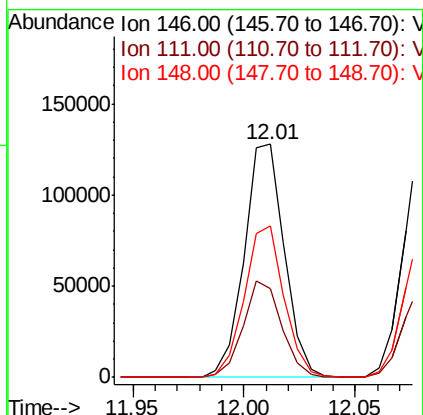
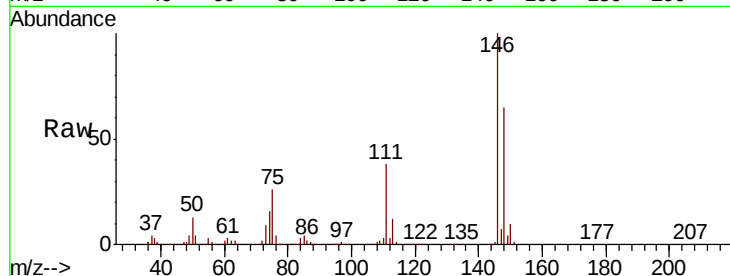




#83
 1,3-Dichlorobenzene
 Concen: 21.510 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX017324.D
 Acq: 10 Jul 2020 10:16

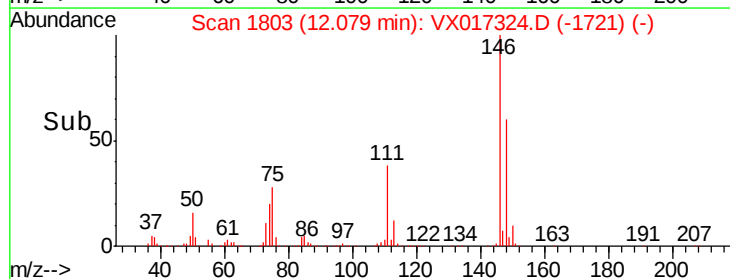
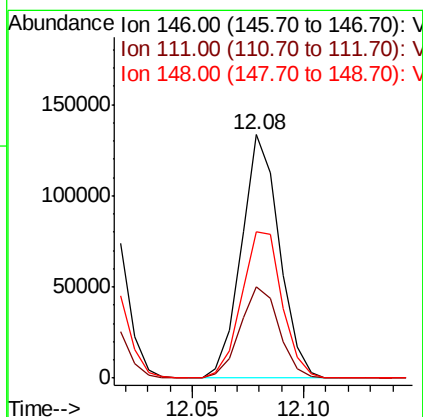
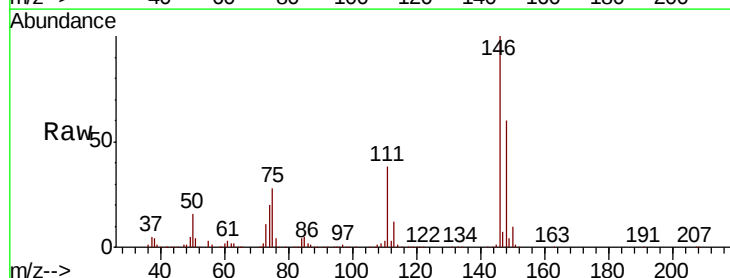
Instrument :
 MSVOA_X
 ClientSampleId :

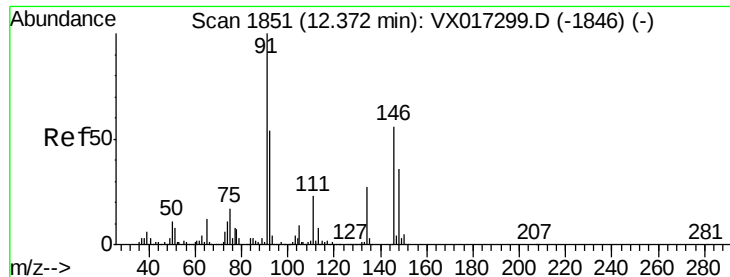
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.5	58.5
148	63.7	31.8	95.3



#84
 1,4-Dichlorobenzene
 Concen: 20.943 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017324.D
 Acq: 10 Jul 2020 10:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.3
148	64.4	32.6	97.8

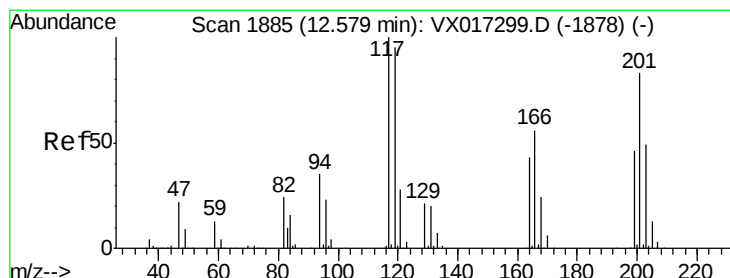
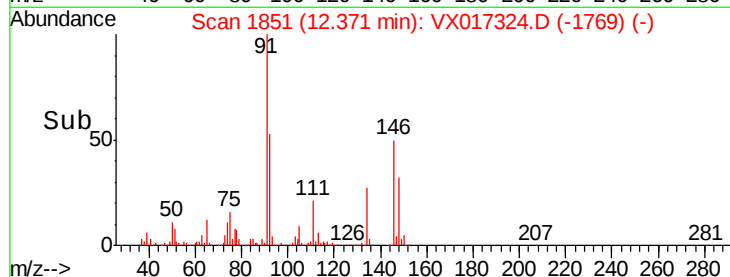
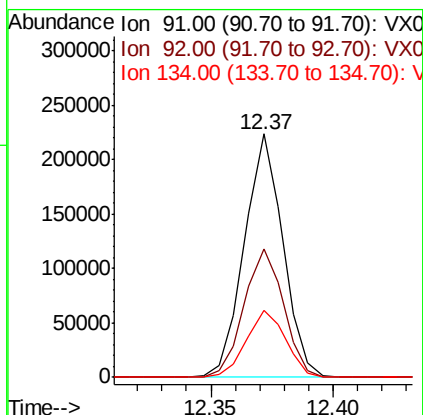
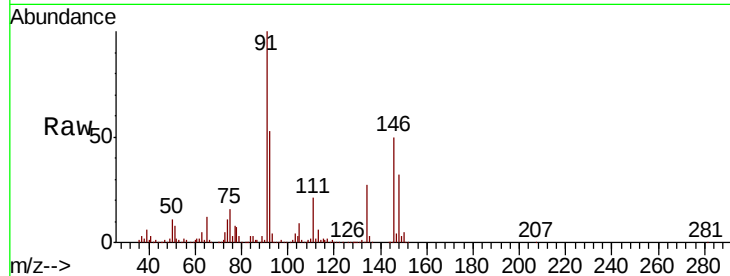




#85
n-Butylbenzene
Concen: 21.704 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

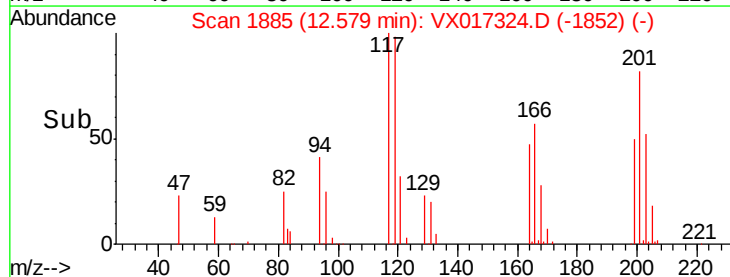
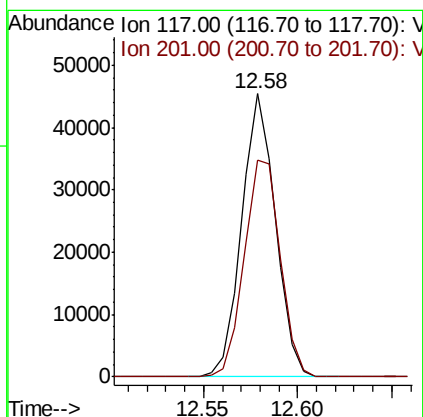
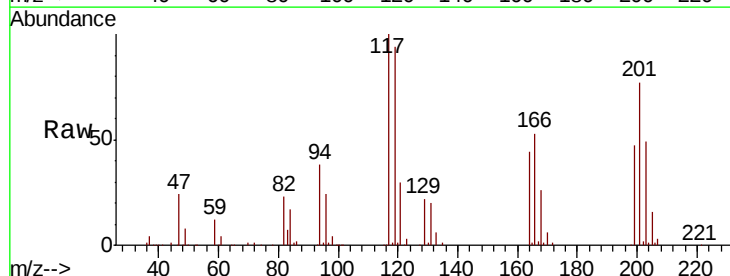
Instrument :
MSVOA_X
ClientSampled :

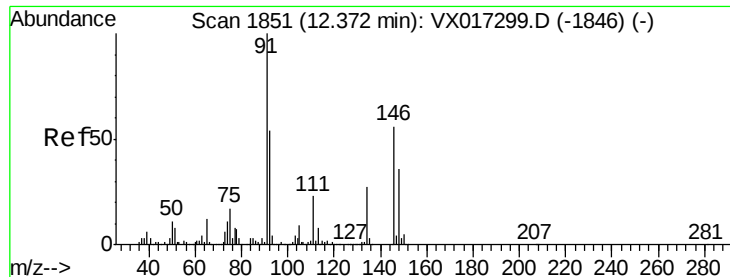
Tot Ion: 91 Resp: 245976
Ion Ratio Lower Upper
91 100
92 54.1 0.0 108.2
134 28.2 0.0 54.2



#86
Hexachloroethane
Concen: 21.744 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

Tgt Ion: 117 Resp: 56418
Ion Ratio Lower Upper
117 100
201 81.8 41.0 123.0

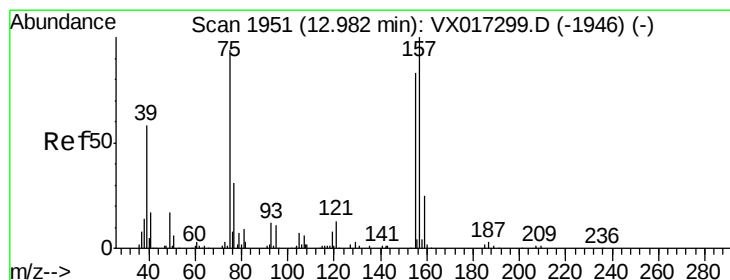
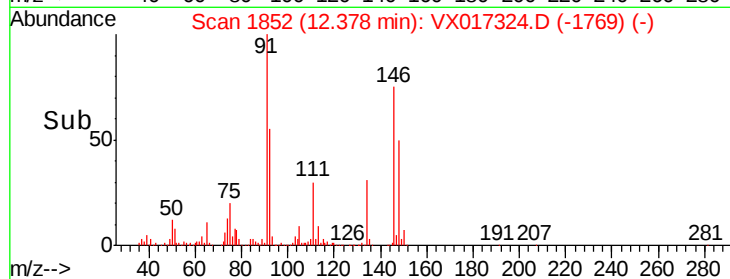
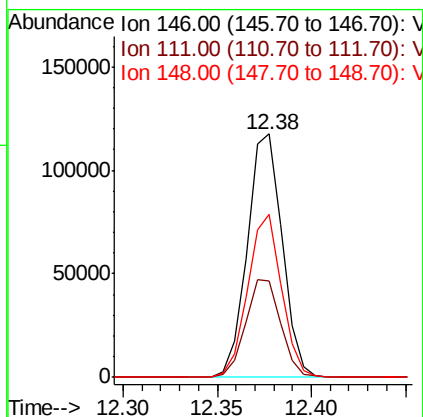
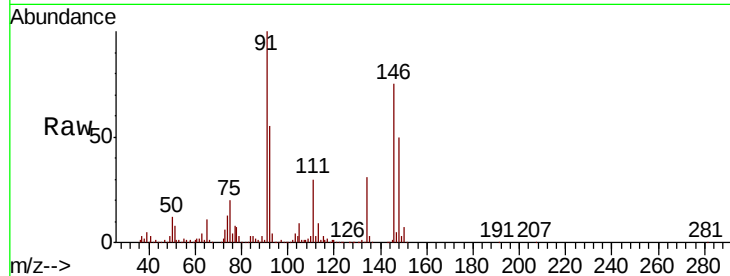




#87
 1,2-Dichlorobenzene
 Concen: 21.110 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX017324.D
 Acq: 10 Jul 2020 10:16

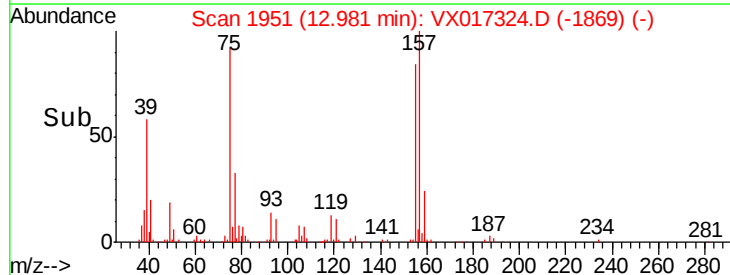
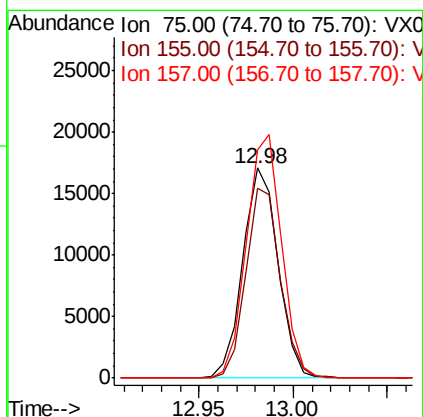
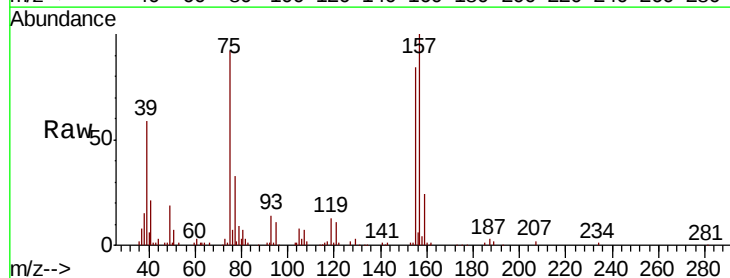
Instrument :
 MSVOA_X
 ClientSampled :

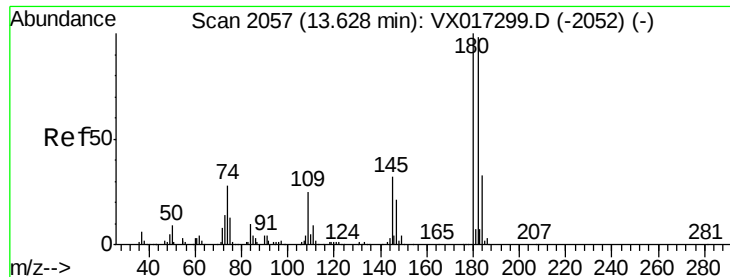
Tot Ion:146 Resp: 150875
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.6 61.9
 148 64.9 31.6 94.8



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.754 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017324.D
 Acq: 10 Jul 2020 10:16

Tgt Ion: 75 Resp: 22187
 Ion Ratio Lower Upper
 75 100
 155 88.5 73.4 110.0
 157 115.0 90.5 135.7

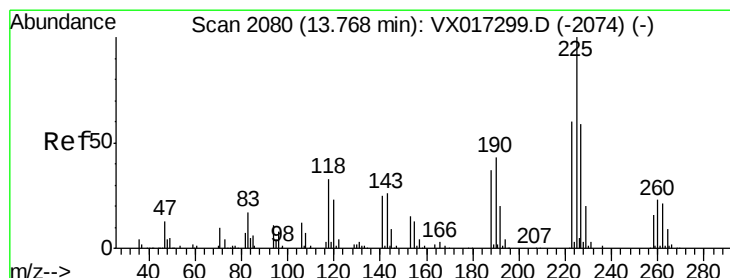
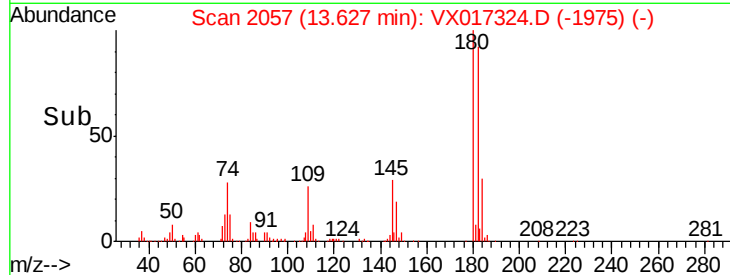
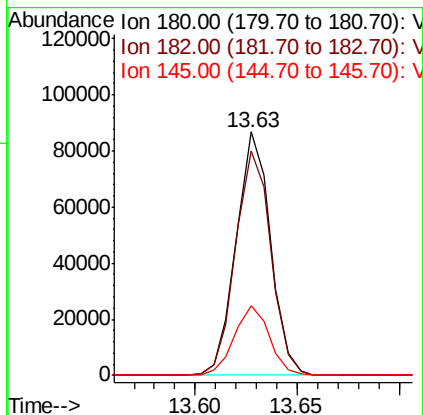
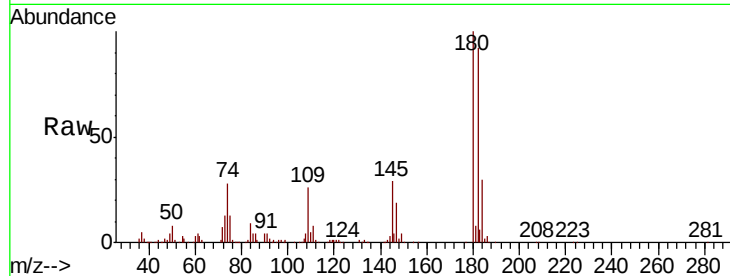




#89
 1,2,4-Trichlorobenzene
 Concen: 20.888 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017324.D
 Acq: 10 Jul 2020 10:16

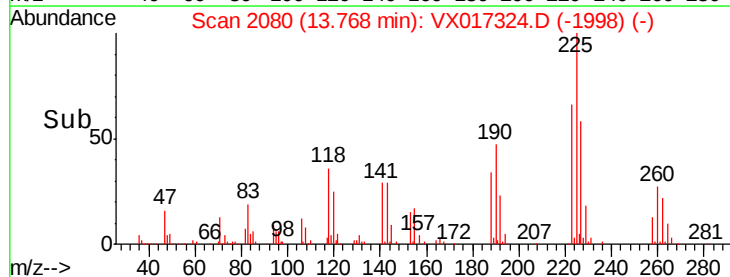
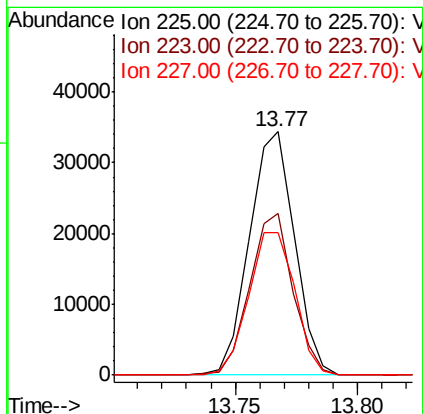
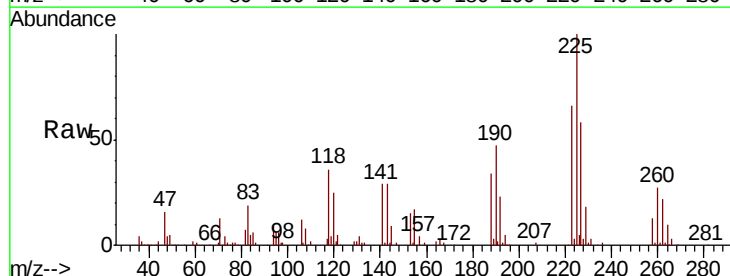
Instrument :
 MSVOA_X
 ClientSampled :

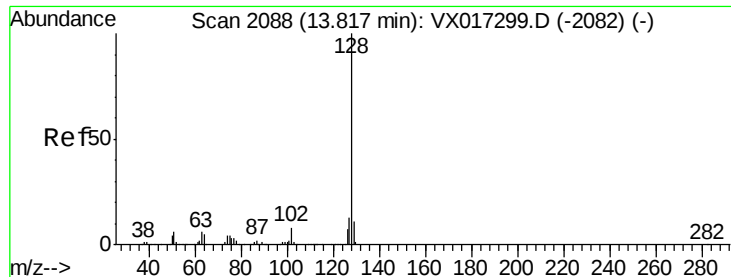
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	77.8	116.8
145	29.3	25.0	37.4



#90
 Hexachlorobutadiene
 Concen: 22.683 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017324.D
 Acq: 10 Jul 2020 10:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	0.0	129.0
227	60.3	0.0	124.4

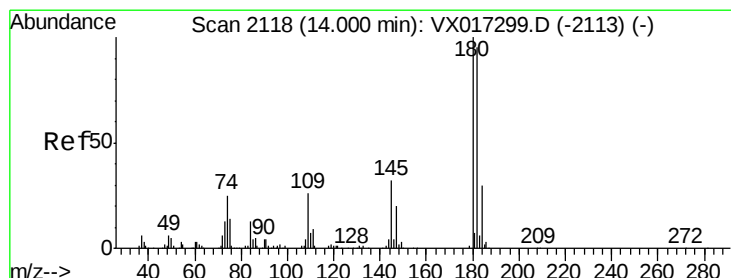
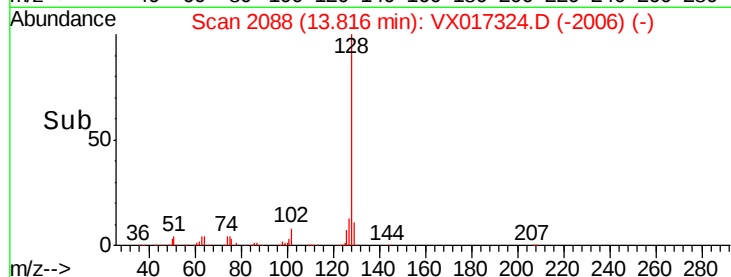
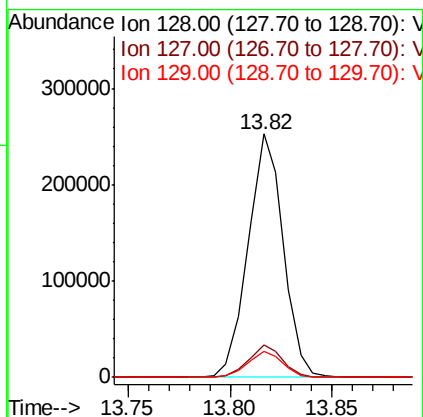
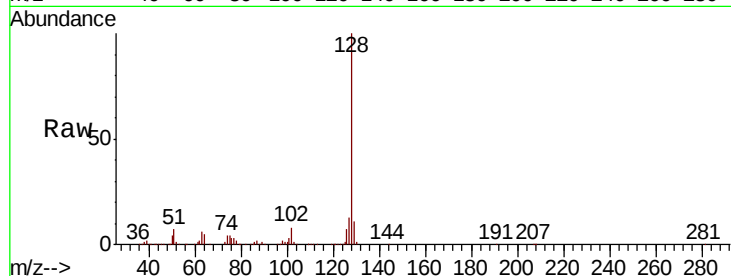




#91
Naphthalene
Concen: 20.332 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 302164
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 20.730 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017324.D
Acq: 10 Jul 2020 10:16

Tgt Ion:180 Resp: 99938
Ion Ratio Lower Upper
180 100
182 97.2 0.0 185.6
145 32.4 0.0 63.0

