

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031621\
 Data File : VX021243.D
 Acq On : 16 Mar 2021 12:55
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 17 02:38:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.635	168	76504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	124658	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	101131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	42871	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	57320	45.68	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.36%
35) Dibromofluoromethane	5.464	113	41661	49.11	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.22%
50) Toluene-d8	8.694	98	149368	48.53	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.06%
62) 4-Bromofluorobenzene	11.118	95	52331	43.78	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.56%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.181	85	303	0.33	ug/l	90
4) Vinyl Chloride	1.393	62	286	0.31	ug/l #	70
5) Bromomethane	1.628	94	376	0.92	ug/l	92
6) Chloroethane	1.723	64	246	0.43	ug/l #	77
7) Trichlorofluoromethane	1.911	101	315	0.22	ug/l #	70
9) 1,1,2-Trichlorotrifluo...	2.376	101	321	0.40	ug/l #	94
10) Methyl Iodide	2.499	142	700	1.00	ug/l #	84
11) Tert butyl alcohol	3.017	59	108	0.51	ug/l #	73
12) 1,1-Dichloroethene	2.358	96	257	0.33	ug/l #	65
13) Acrolein	2.276	56	341	5.80	ug/l #	78
14) Allyl chloride	2.711	41	519	0.32	ug/l #	75
15) Acrylonitrile	3.117	53	805	1.64	ug/l	96
16) Acetone	2.429	43	820	1.78	ug/l	89
17) Carbon Disulfide	2.552	76	4157	2.35	ug/l	98
18) Methyl Acetate	2.752	43	351	0.28	ug/l #	70
20) Methylene Chloride	2.840	84	442	0.47	ug/l #	93
21) trans-1,2-Dichloroethene	3.140	96	612	0.70	ug/l #	75
23) Vinyl Acetate	3.793	43	1304	0.48	ug/l #	68
25) 2-Butanone	4.641	43	488	0.69	ug/l #	84
27) cis-1,2-Dichloroethene	4.576	96	299	0.30	ug/l #	1
28) Bromochloromethane	4.982	49	183	0.23	ug/l #	48
29) Tetrahydrofuran	5.099	42	237	0.51	ug/l #	55
31) Cyclohexane	5.547	56	479	0.32	ug/l #	73
36) 1,1-Dichloropropene	5.764	75	613	0.49	ug/l #	66
38) Carbon Tetrachloride	5.635	117	8507	6.52	ug/l #	16
39) Methylcyclohexane	7.441	83	607	0.44	ug/l #	85
42) 1,2-Dichloroethane	6.170	62	399	0.27	ug/l #	73
44) Trichloroethene	7.188	130	345	0.38	ug/l	66
46) Dibromomethane	7.641	93	271	0.40	ug/l #	72
49) 1,4-Dioxane	7.723	88	661	19.68	ug/l #	86
51) 4-Methyl-2-Pentanone	8.623	43	680	0.49	ug/l #	62
52) Toluene	8.765	92	480	0.22	ug/l	97
53) t-1,3-Dichloropropene	9.024	75	499	0.34	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.288	63	397	0.52	ug/l	99
59) 2-Hexanone	9.476	43	444	0.43	ug/l	94
61) 1,2-Dibromoethane	9.653	107	205	0.21	ug/l	90

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Instrument :
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

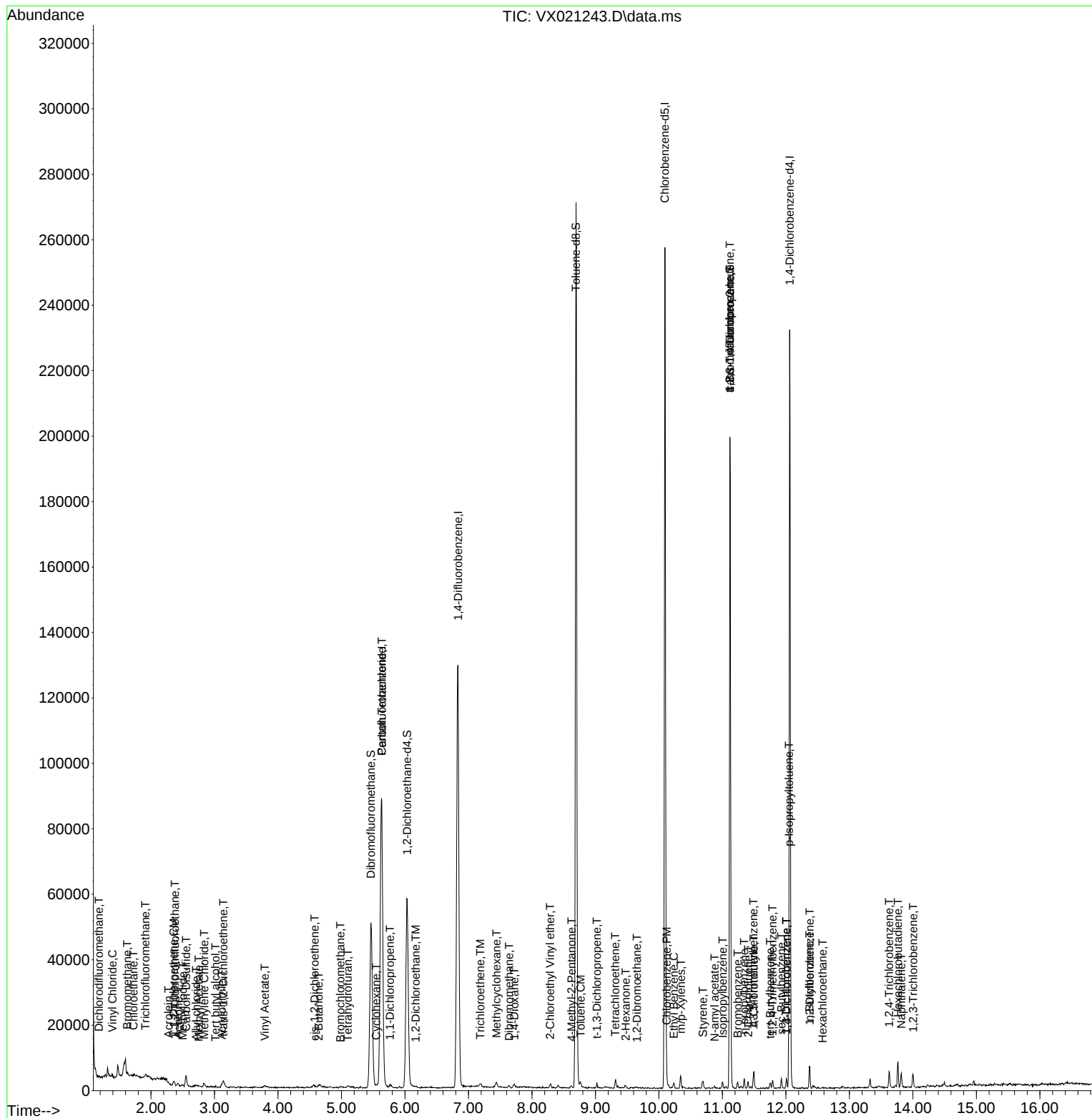
64) Tetrachloroethene	9.312	164	377	0.50	ug/l #	69
65) Chlorobenzene	10.124	112	662	0.32	ug/l	95
67) Ethyl Benzene	10.235	91	982	0.26	ug/l	94
68) m/p-Xylenes	10.347	106	790	0.58	ug/l	78
70) Styrene	10.694	104	711	0.32	ug/l	88
73) Isopropylbenzene	11.006	105	974	0.31	ug/l	88
74) N-amyl acetate	10.877	43	460	0.28	ug/l #	49
76) 1,2,3-Trichloropropane	11.118	75	28648	28.81	ug/l #	39
77) Bromobenzene	11.241	156	339	0.45	ug/l	83
78) n-propylbenzene	11.341	91	1804	0.48	ug/l	90
79) 2-Chlorotoluene	11.406	91	905	0.40	ug/l	94
80) 1,3,5-Trimethylbenzene	11.489	105	917	0.34	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.118	75	28648	78.21	ug/l #	12
82) 4-Chlorotoluene	11.494	91	1516	0.57	ug/l	93
83) tert-Butylbenzene	11.753	119	672	0.26	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.789	105	1104	0.40	ug/l	94
85) sec-Butylbenzene	11.930	105	1501	0.50	ug/l	97
86) p-Isopropyltoluene	12.047	119	1421	0.51	ug/l #	74
87) 1,3-Dichlorobenzene	12.006	146	857	0.62	ug/l	90
88) 1,4-Dichlorobenzene	12.006	146	857	0.61	ug/l	88
89) n-Butylbenzene	12.371	91	1864	0.74	ug/l	97
90) Hexachloroethane	12.577	117	91	0.22	ug/l #	31
91) 1,2-Dichlorobenzene	12.377	146	564	0.42	ug/l	90
93) 1,2,4-Trichlorobenzene	13.624	180	1188	1.34	ug/l	93
94) Hexachlorobutadiene	13.765	225	1130	3.05	ug/l	89
95) Naphthalene	13.818	128	2968	0.98	ug/l	98
96) 1,2,3-Trichlorobenzene	14.007	180	1041	1.18	ug/l	97

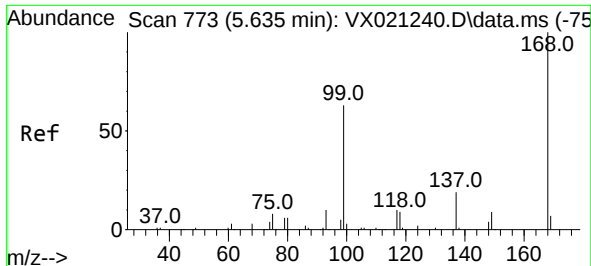
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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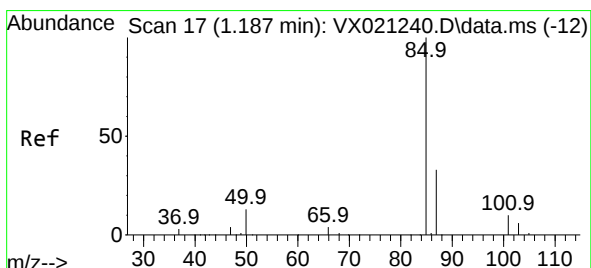
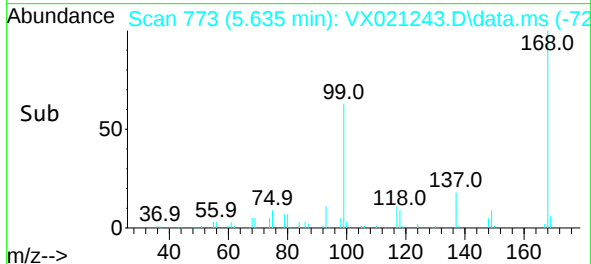
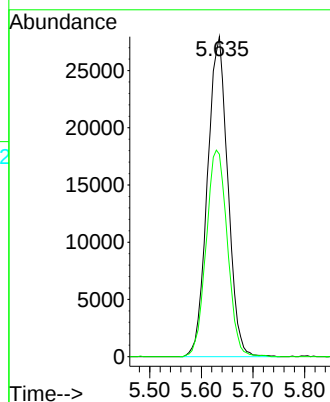
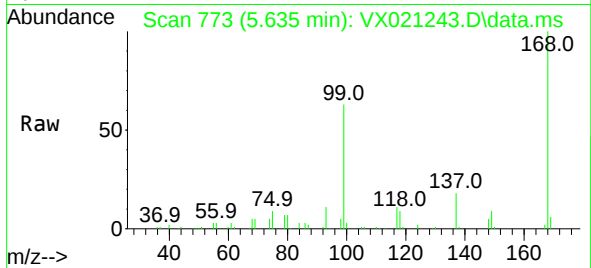




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.000 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

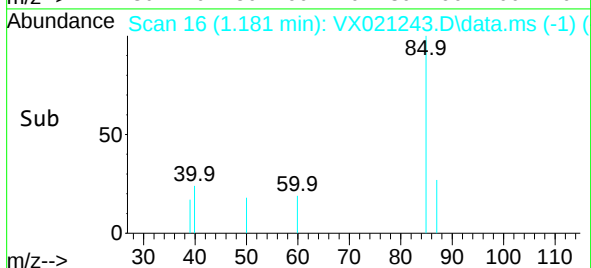
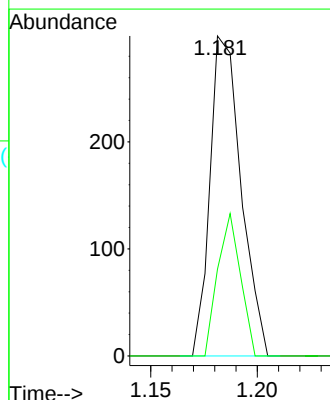
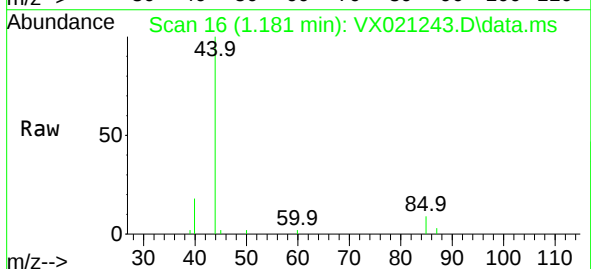
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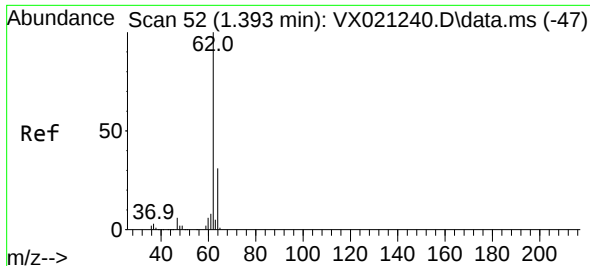
Tgt Ion:168 Resp: 76504
Ion Ratio Lower Upper
168 100
99 63.3 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.33 ug/l
RT: 1.181 min Scan# 16
Delta R.T. -0.006 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

Tgt Ion: 85 Resp: 303
Ion Ratio Lower Upper
85 100
87 27.1 16.4 49.2

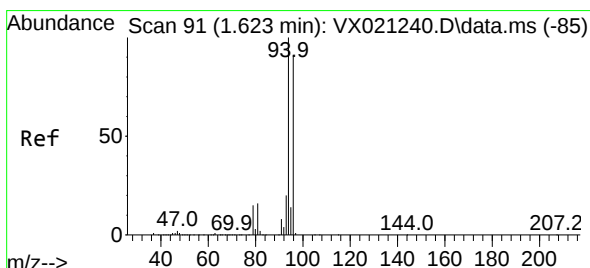
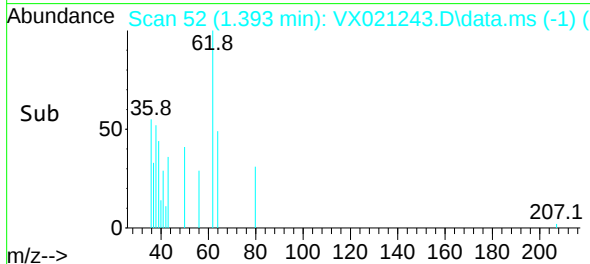
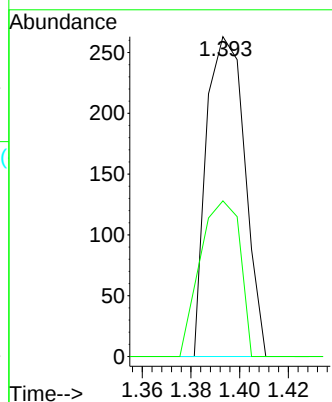
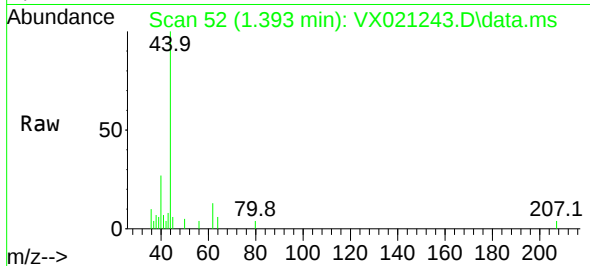




#4
 Vinyl Chloride
 Concen: 0.31 ug/l
 RT: 1.393 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VX021243.D
 Acq: 16 Mar 2021 12:55

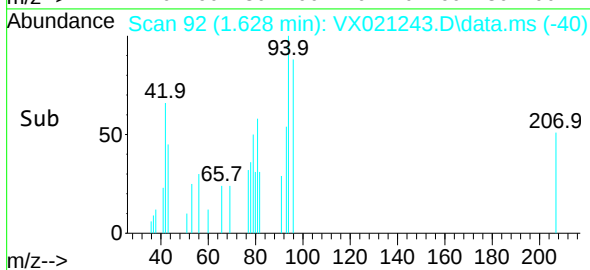
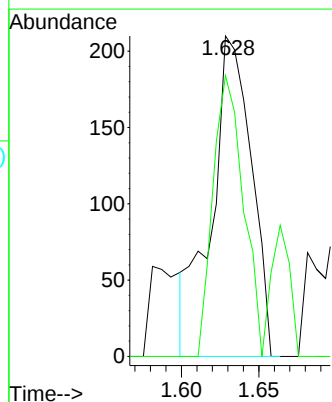
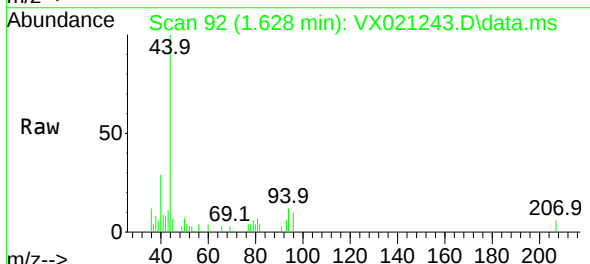
Instrument :
 MSVOA_X
 ClientSampled :

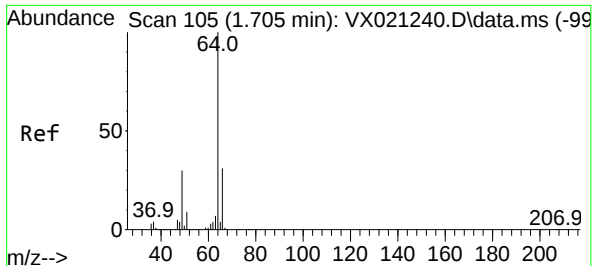
Tgt Ion: 62 Resp: 286
 Ion Ratio Lower Upper
 62 100
 64 48.7 25.7 38.5#



#5
 Bromomethane
 Concen: 0.92 ug/l
 RT: 1.628 min Scan# 92
 Delta R.T. 0.005 min
 Lab File: VX021243.D
 Acq: 16 Mar 2021 12:55

Tgt Ion: 94 Resp: 376
 Ion Ratio Lower Upper
 94 100
 96 87.6 76.4 114.6

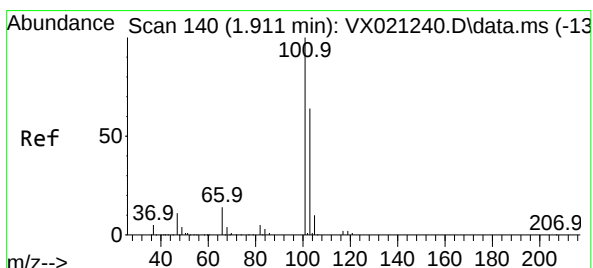
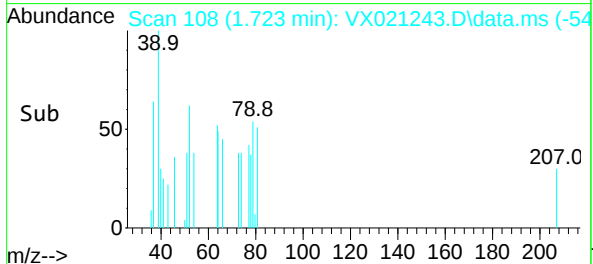
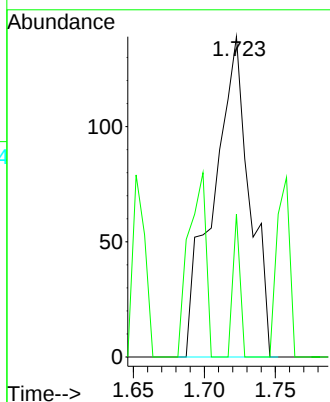
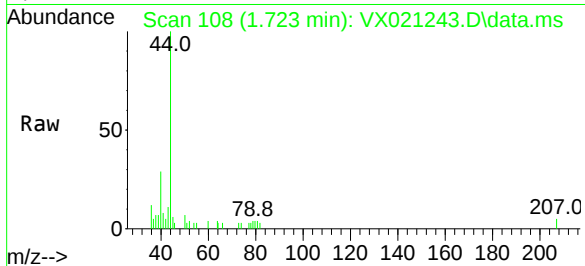




#6
Chloroethane
Concen: 0.43 ug/l
RT: 1.723 min Scan# 108
Delta R.T. 0.018 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

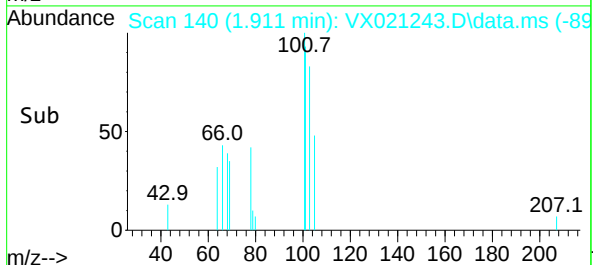
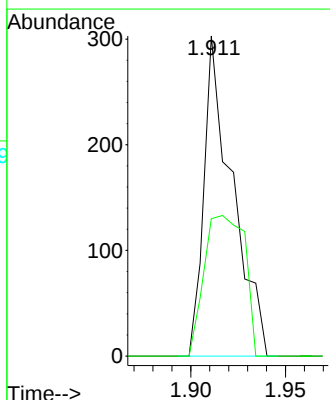
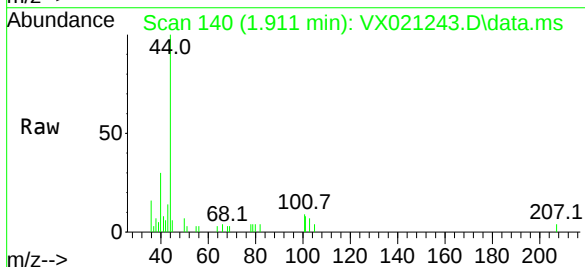
Instrument :
MSVOA_X
ClientSampled :

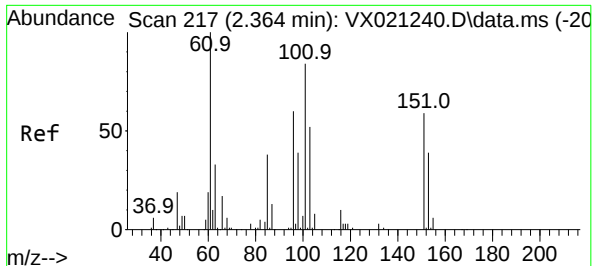
Tgt Ion: 64 Resp: 246
Ion Ratio Lower Upper
64 100
66 44.6 25.4 38.0#



#7
Trichlorofluoromethane
Concen: 0.22 ug/l
RT: 1.911 min Scan# 140
Delta R.T. -0.000 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

Tgt Ion:101 Resp: 315
Ion Ratio Lower Upper
101 100
103 42.9 53.2 79.8#

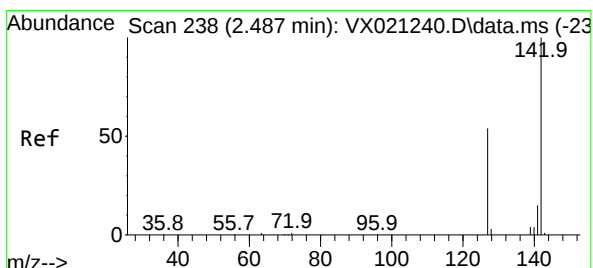
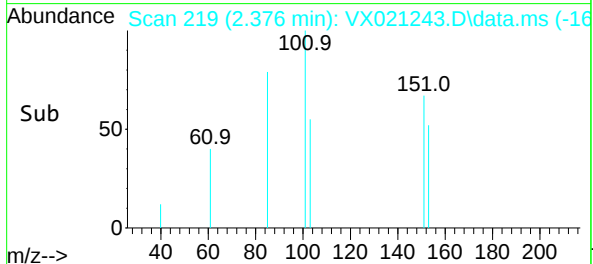
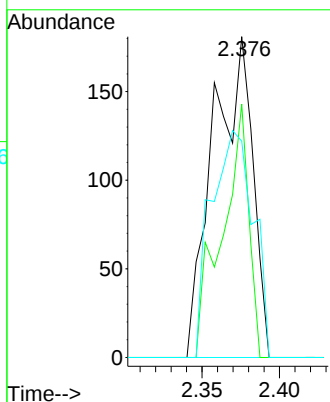
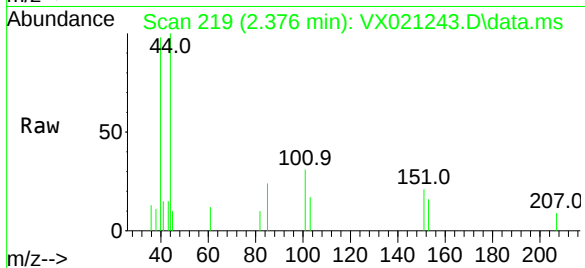




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.40 ug/l
RT: 2.376 min Scan# 219
Delta R.T. 0.012 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

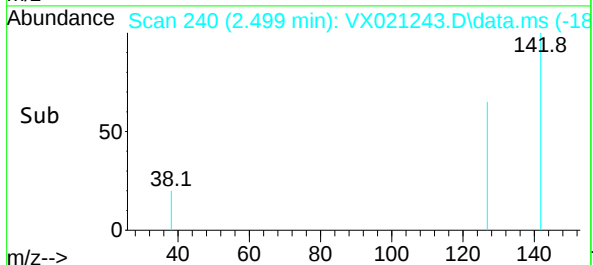
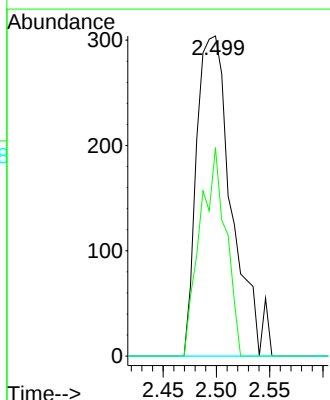
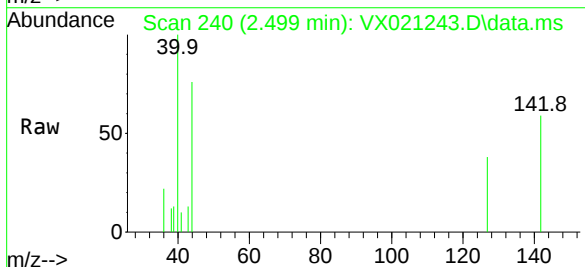
Instrument :
MSVOA_X
ClientSampleId :

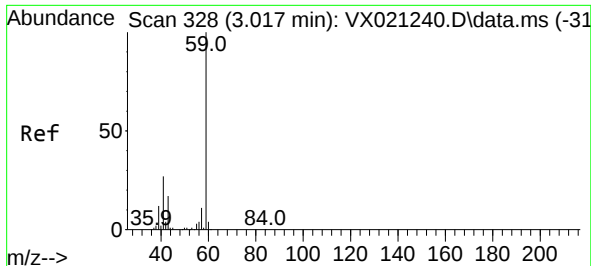
Tgt Ion:101 Resp: 321
Ion Ratio Lower Upper
101 100
85 53.3 34.9 52.3#
151 75.7 61.4 92.2



#10
Methyl Iodide
Concen: 1.00 ug/l
RT: 2.499 min Scan# 240
Delta R.T. 0.012 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

Tgt Ion:142 Resp: 700
Ion Ratio Lower Upper
142 100
127 47.6 33.3 49.9
141 0.0 11.4 17.0#



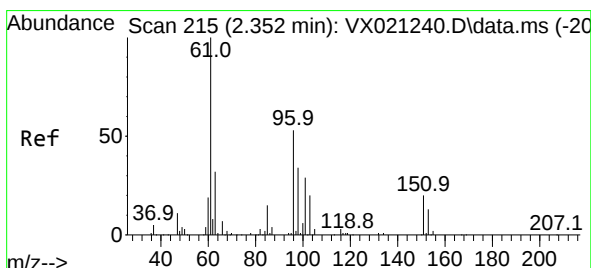
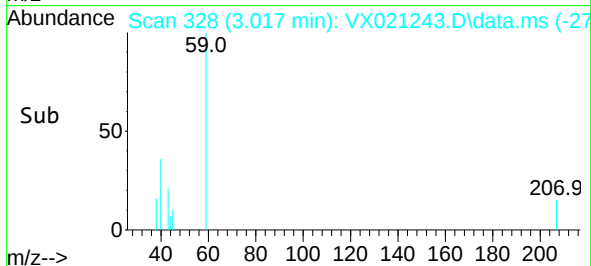
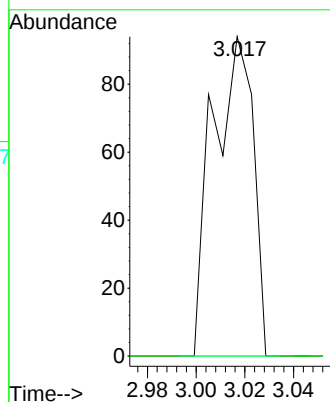
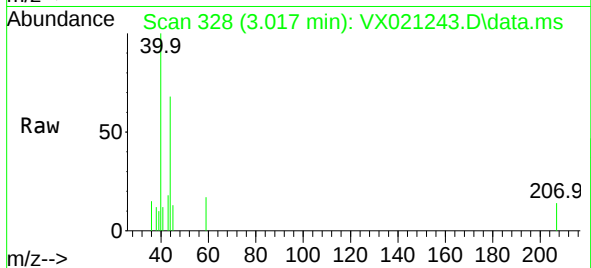


#11

Tert butyl alcohol
Concen: 0.51 ug/l
RT: 3.017 min Scan# 328
Delta R.T. -0.000 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

Instrument :
MSVOA_X
ClientSampled :

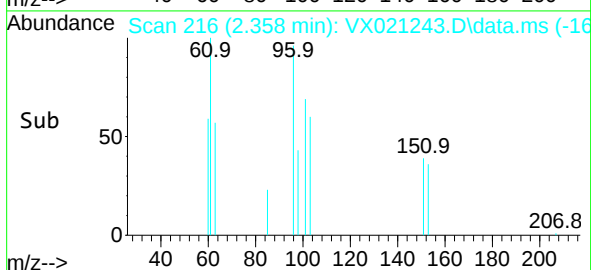
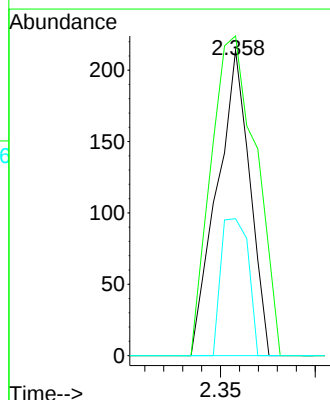
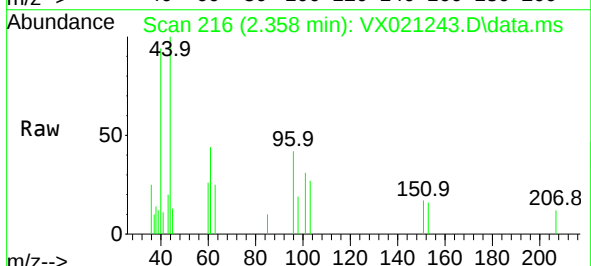
Tgt Ion: 59 Resp: 108
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

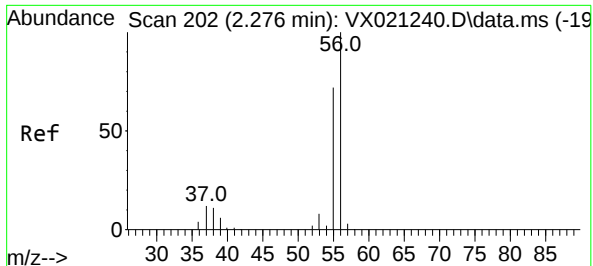


#12

1,1-Dichloroethene
Concen: 0.33 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

Tgt Ion: 96 Resp: 257
Ion Ratio Lower Upper
96 100
61 104.7 124.6 187.0#
98 44.9 50.6 76.0#

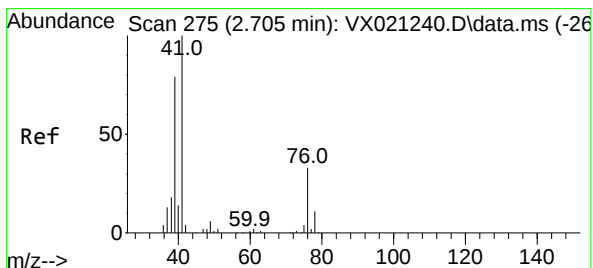
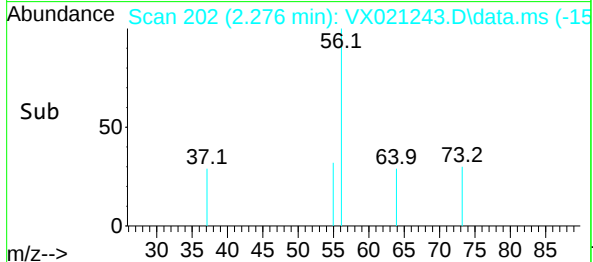
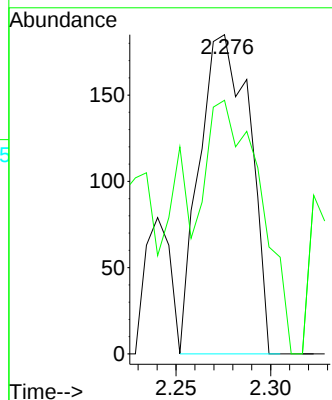
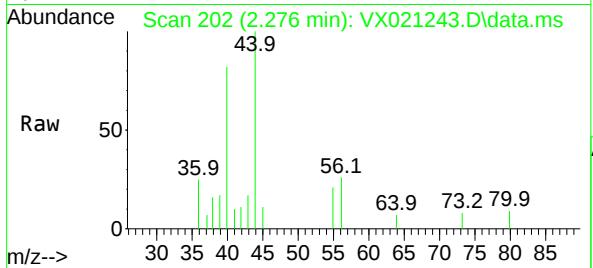




#13
Acrolein
Concen: 5.80 ug/l
RT: 2.276 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

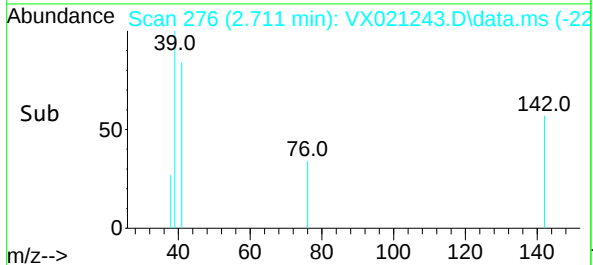
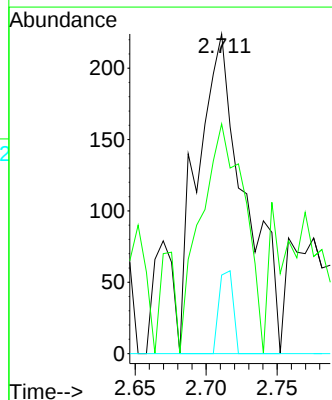
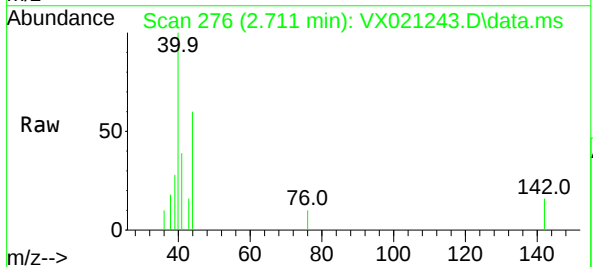
Instrument :
MSVOA_X
ClientSampleId :

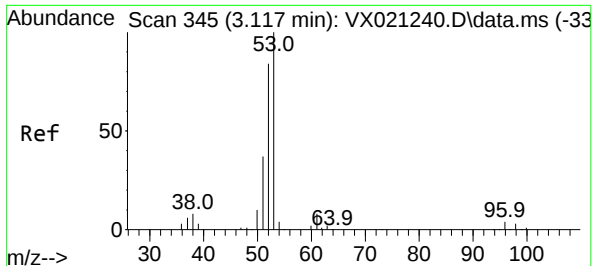
Tgt Ion: 56 Resp: 341
Ion Ratio Lower Upper
56 100
55 88.3 56.4 84.6#



#14
Allyl chloride
Concen: 0.32 ug/l
RT: 2.711 min Scan# 276
Delta R.T. 0.006 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

Tgt Ion: 41 Resp: 519
Ion Ratio Lower Upper
41 100
39 66.9 51.6 77.4
76 0.0 30.5 45.7#





#15

Acrylonitrile

Concen: 1.64 ug/l

RT: 3.117 min Scan# 345

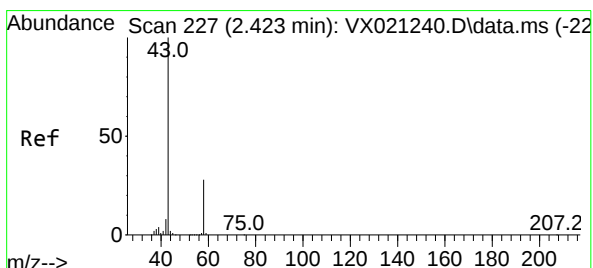
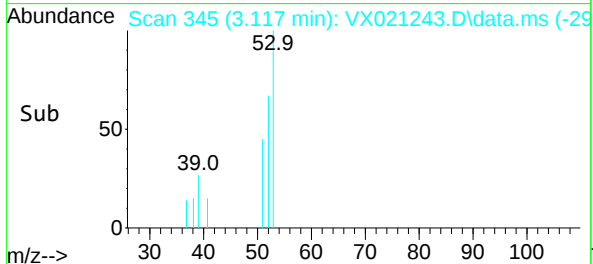
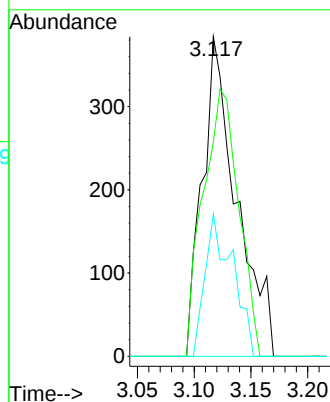
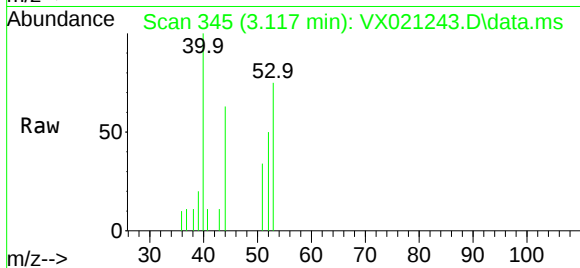
Delta R.T. -0.000 min

Lab File: VX021243.D

Acq: 16 Mar 2021 12:55

Tgt Ion: 53	Resp:	805
Ion	Ratio	Lower Upper
53	100	
52	87.0	65.3 97.9
51	35.8	28.2 42.2

Instrument :
MSVOA_X
ClientSampleId :



#16

Acetone

Concen: 1.78 ug/l

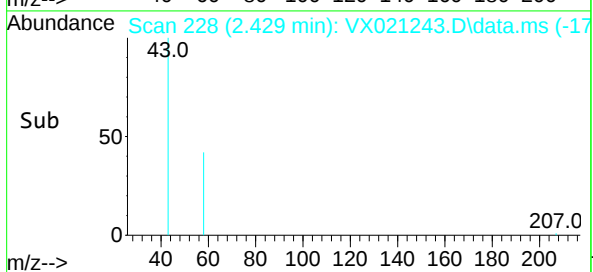
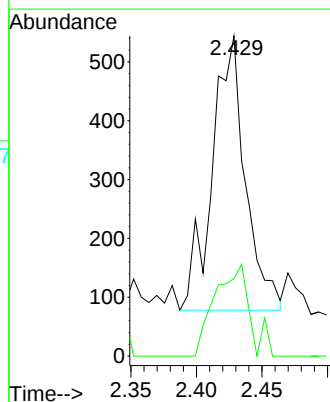
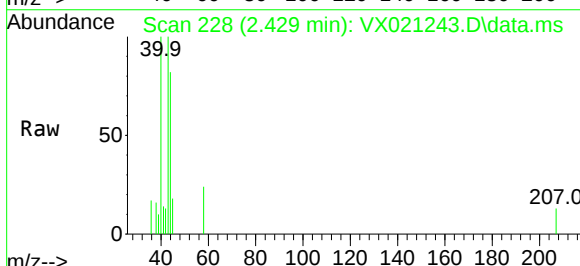
RT: 2.429 min Scan# 228

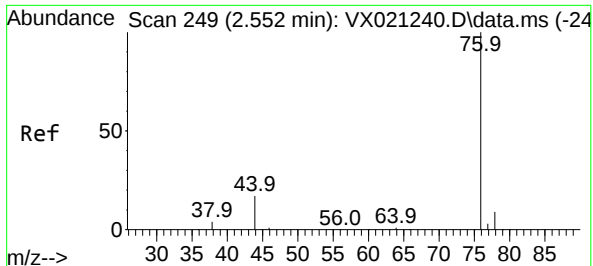
Delta R.T. 0.006 min

Lab File: VX021243.D

Acq: 16 Mar 2021 12:55

Tgt Ion: 43	Resp:	820
Ion	Ratio	Lower Upper
43	100	
58	28.3	27.8 41.8

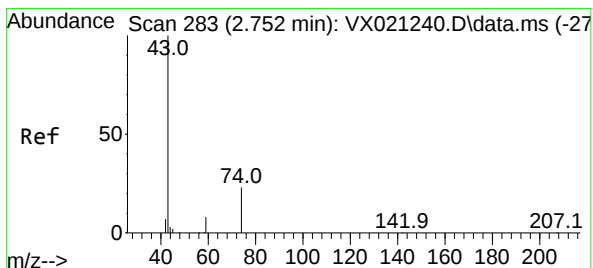
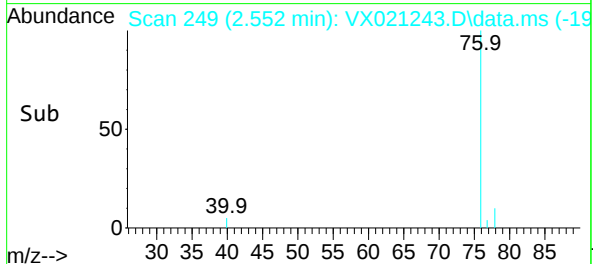
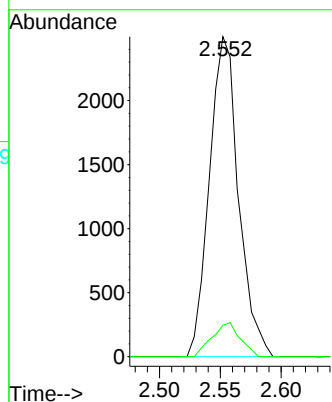
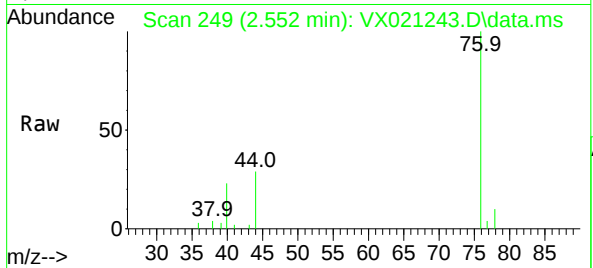




#17
Carbon Disulfide
Concen: 2.35 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

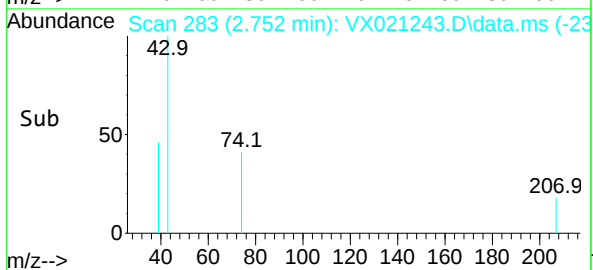
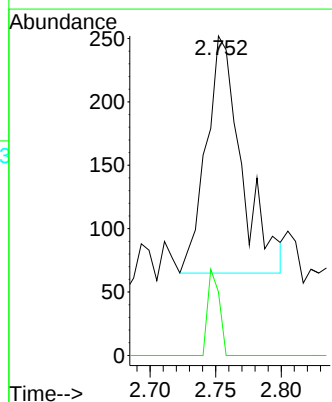
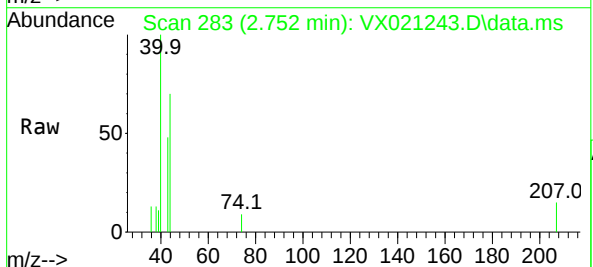
Instrument :
MSVOA_X
ClientSampled :

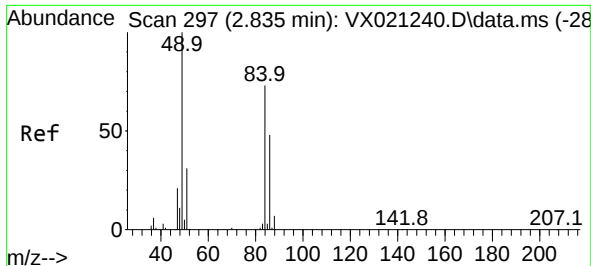
Tgt Ion: 76 Resp: 4157
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8



#18
Methyl Acetate
Concen: 0.28 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

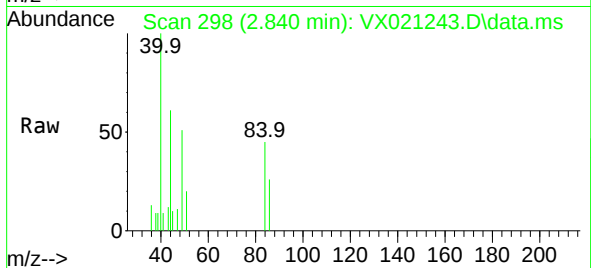
Tgt Ion: 43 Resp: 351
Ion Ratio Lower Upper
43 100
74 12.0 21.9 32.9#



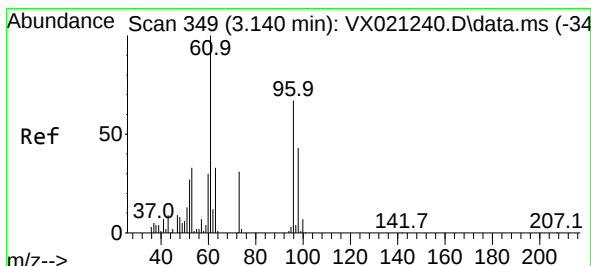
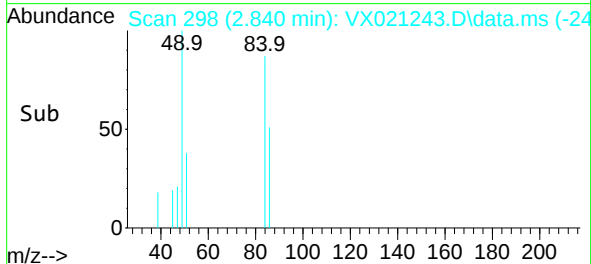
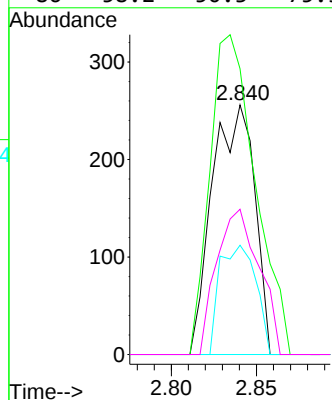


#20
Methylene Chloride
Concen: 0.47 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.005 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

Instrument :
MSVOA_X
ClientSampleId :

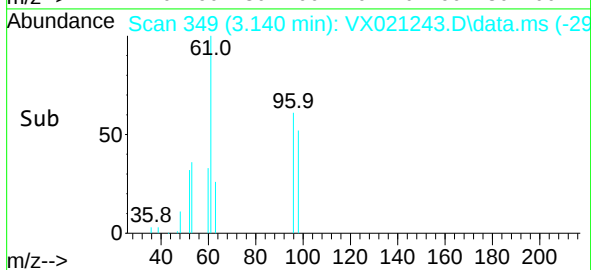
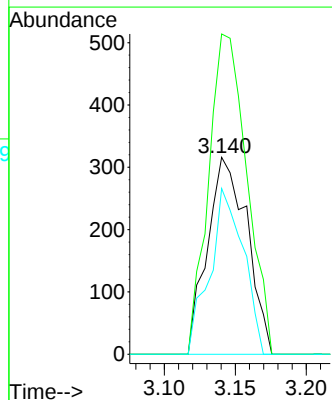
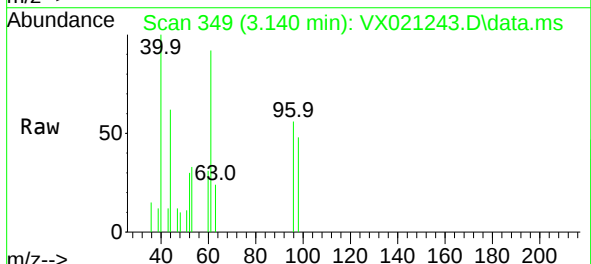


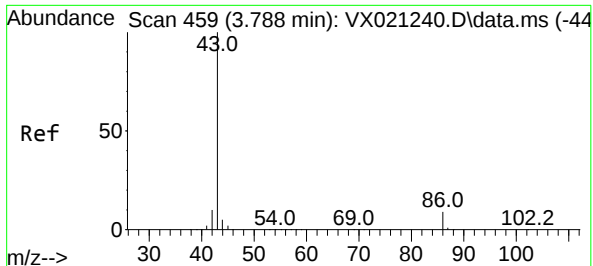
Tgt Ion: 84 Resp: 442
Ion Ratio Lower Upper
84 100
49 114.5 88.6 132.8
51 43.8 27.0 40.6#
86 58.2 50.3 75.5



#21
trans-1,2-Dichloroethene
Concen: 0.70 ug/l
RT: 3.140 min Scan# 349
Delta R.T. 0.000 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

Tgt Ion: 96 Resp: 612
Ion Ratio Lower Upper
96 100
61 162.7 107.7 161.5#
98 84.2 50.4 75.6#

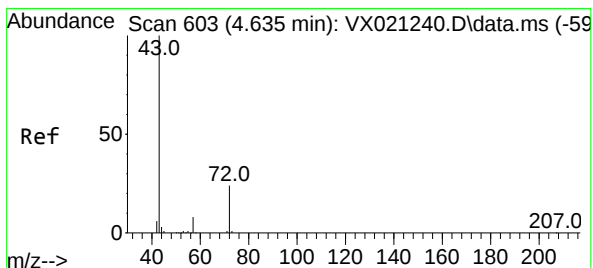
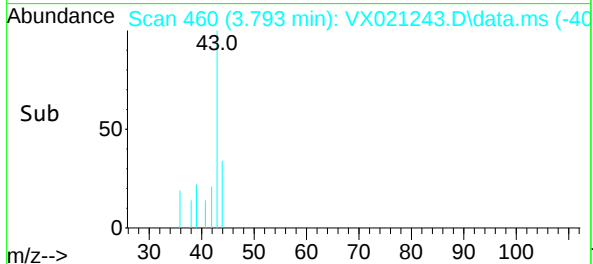
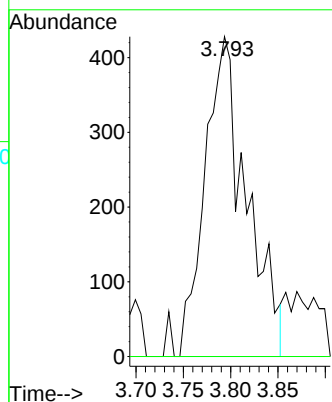
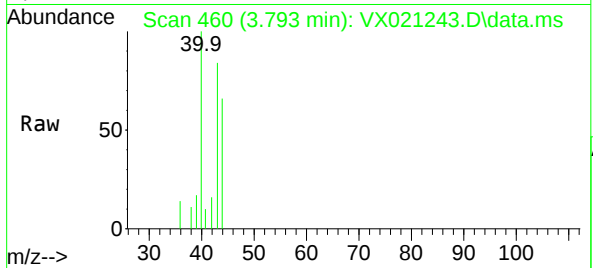




#23
 Vinyl Acetate
 Concen: 0.48 ug/l
 RT: 3.793 min Scan# 460
 Delta R.T. 0.005 min
 Lab File: VX021243.D
 Acq: 16 Mar 2021 12:55

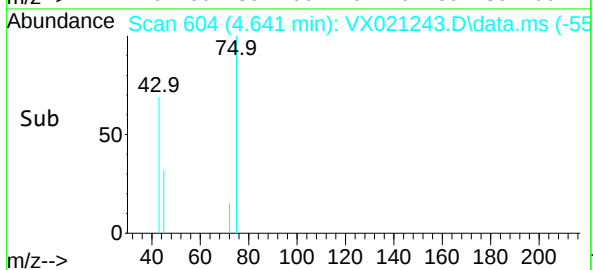
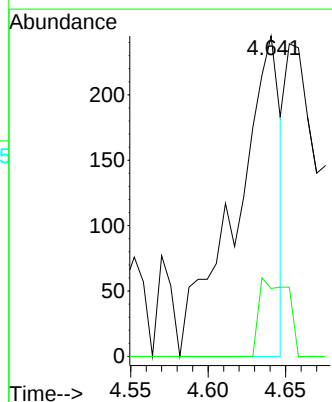
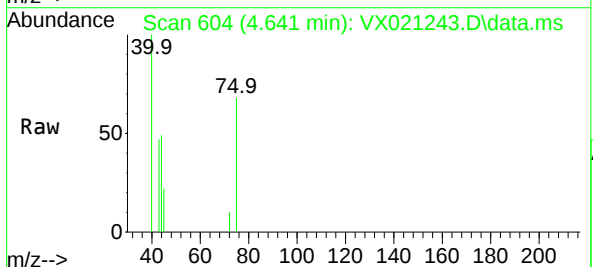
Instrument :
 MSVOA_X
 ClientSampleId :

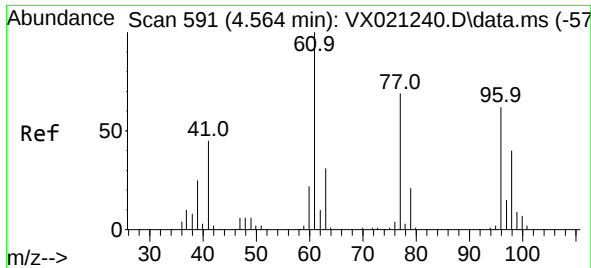
Tgt Ion: 43 Resp: 1304
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.9 14.9#



#25
 2-Butanone
 Concen: 0.69 ug/l
 RT: 4.641 min Scan# 604
 Delta R.T. 0.006 min
 Lab File: VX021243.D
 Acq: 16 Mar 2021 12:55

Tgt Ion: 43 Resp: 488
 Ion Ratio Lower Upper
 43 100
 72 21.2 23.7 35.5#





#27

cis-1,2-Dichloroethene

Concen: 0.30 ug/l

RT: 4.576 min Scan# 593

Delta R.T. 0.012 min

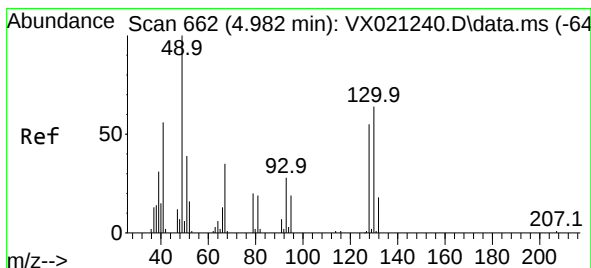
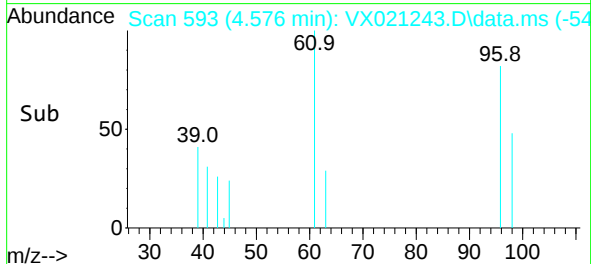
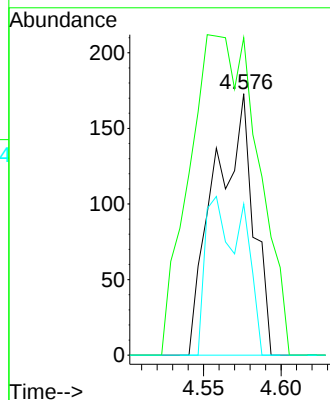
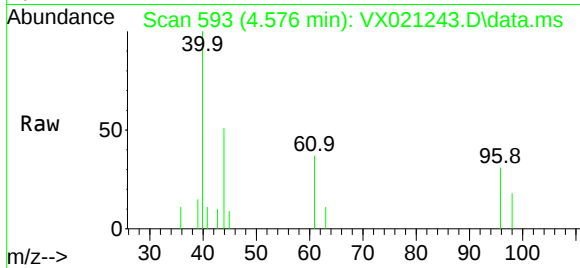
Lab File: VX021243.D

Acq: 16 Mar 2021 12:55

Tgt Ion: 96 Resp: 299

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	285.6
98	0.0	0.0	129.6

Instrument :
MSVOA_X
ClientSampled :



#28

Bromochloromethane

Concen: 0.23 ug/l

RT: 4.982 min Scan# 662

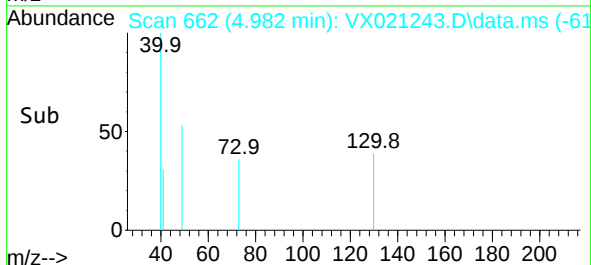
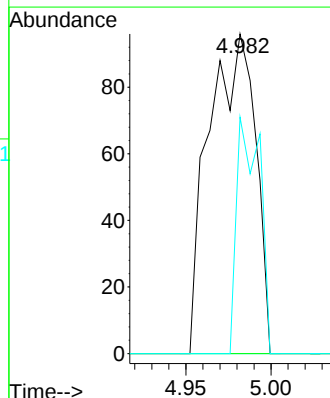
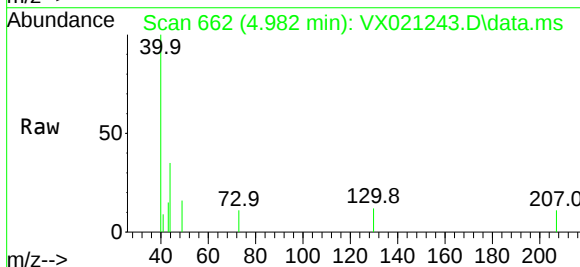
Delta R.T. -0.000 min

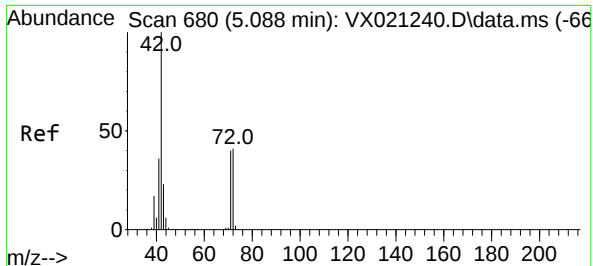
Lab File: VX021243.D

Acq: 16 Mar 2021 12:55

Tgt Ion: 49 Resp: 183

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	36.6	68.2	102.2#





#29

Tetrahydrofuran

Concen: 0.51 ug/l

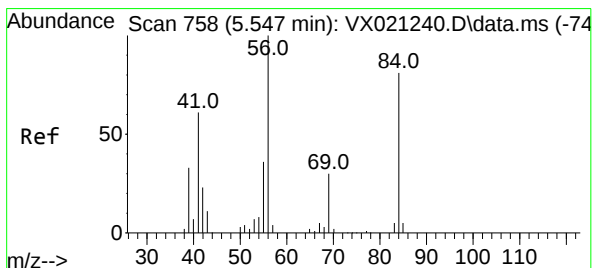
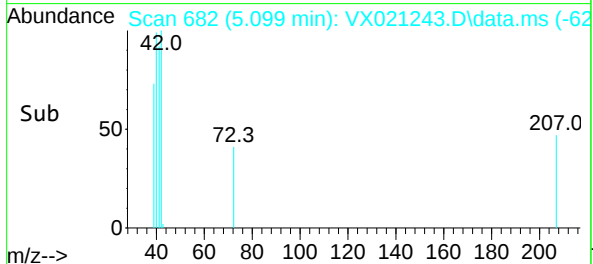
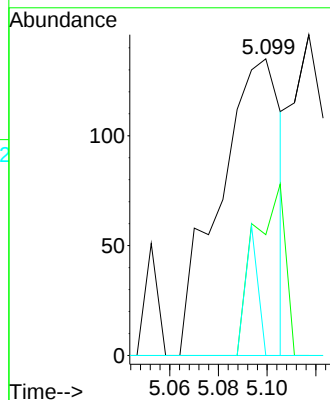
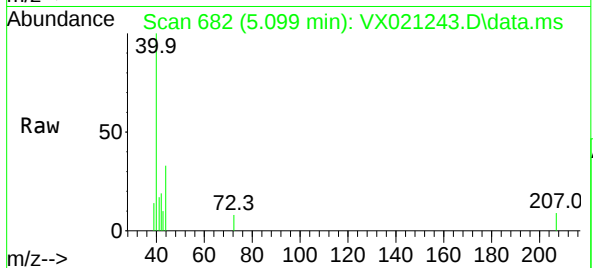
RT: 5.099 min Scan# 682

Delta R.T. 0.011 min

Lab File: VX021243.D

Acq: 16 Mar 2021 12:55

Tgt Ion: 42	Resp: 237
Ion Ratio	Lower Upper
42	100
72	28.7 41.7 62.5#
71	8.9 38.4 57.6#



#31

Cyclohexane

Concen: 0.32 ug/l

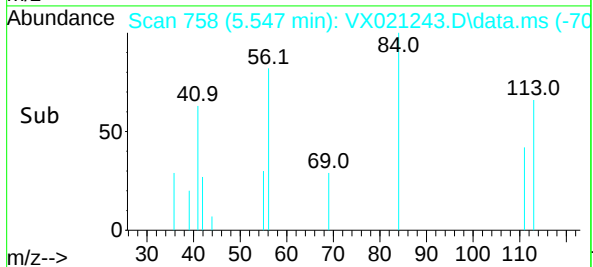
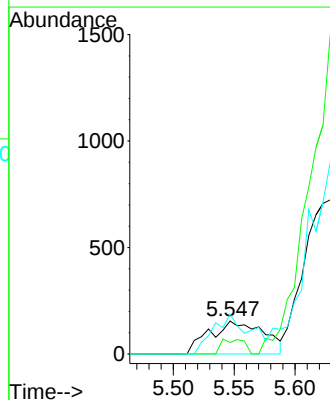
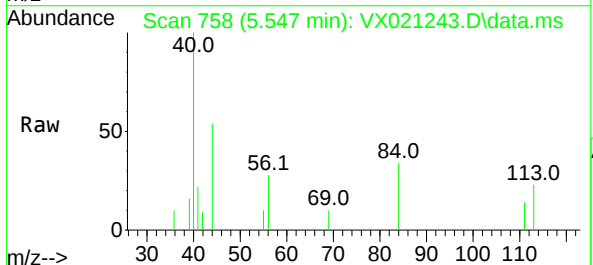
RT: 5.547 min Scan# 758

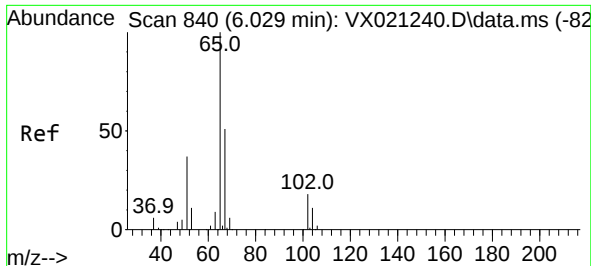
Delta R.T. -0.000 min

Lab File: VX021243.D

Acq: 16 Mar 2021 12:55

Tgt Ion: 56	Resp: 479
Ion Ratio	Lower Upper
56	100
69	34.8 25.3 37.9
84	121.3 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 45.68 ug/l

RT: 6.035 min Scan# 841

Delta R.T. 0.006 min

Lab File: VX021243.D

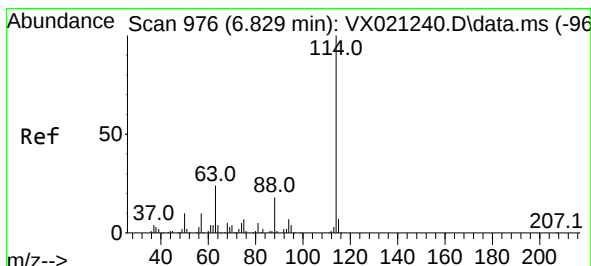
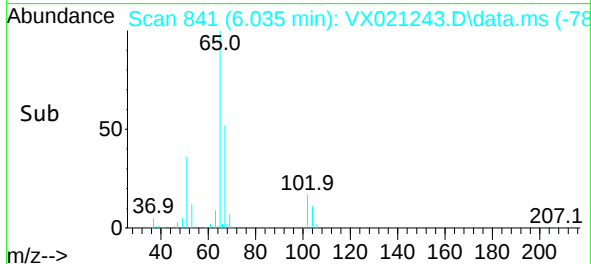
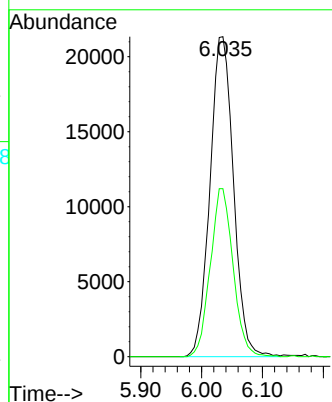
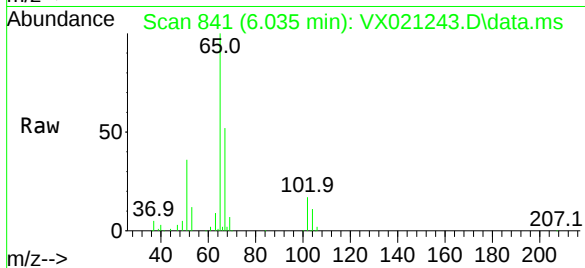
Acq: 16 Mar 2021 12:55

Tgt Ion: 65 Resp: 57320

Ion Ratio Lower Upper

65 100

67 50.9 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.835 min Scan# 977

Delta R.T. 0.006 min

Lab File: VX021243.D

Acq: 16 Mar 2021 12:55

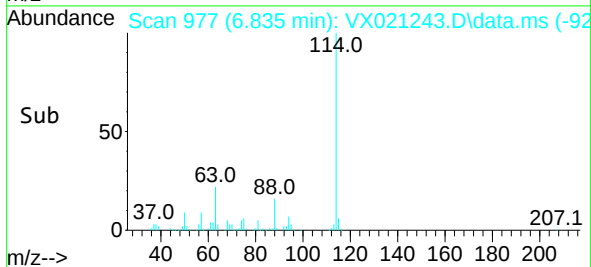
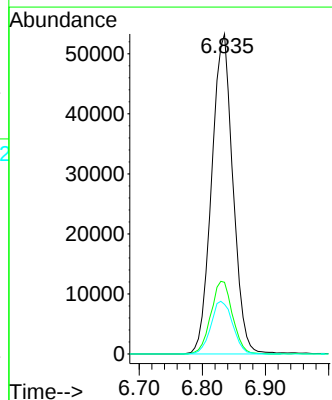
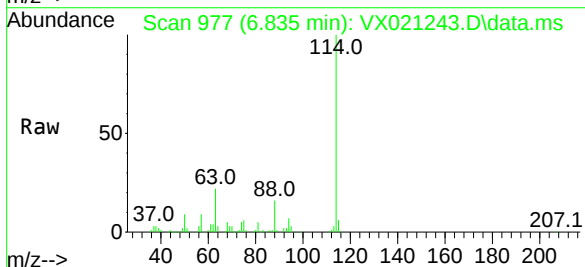
Tgt Ion: 114 Resp: 124658

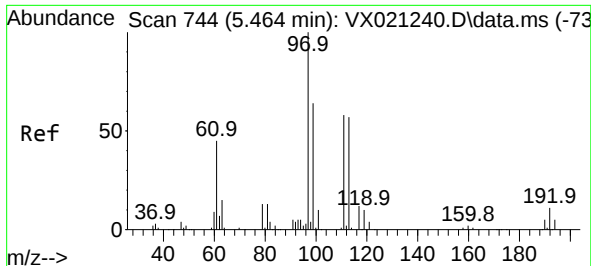
Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.8

88 15.5 0.0 32.8

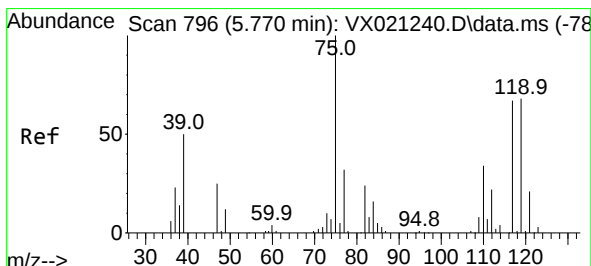
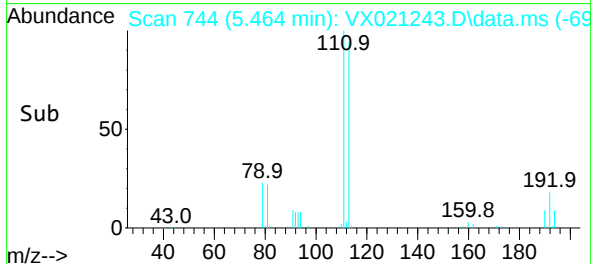
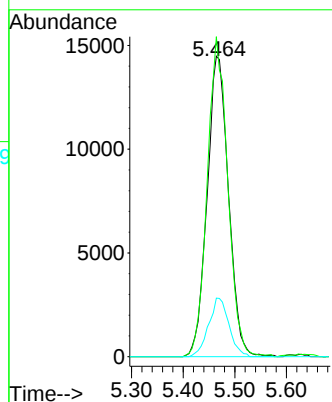
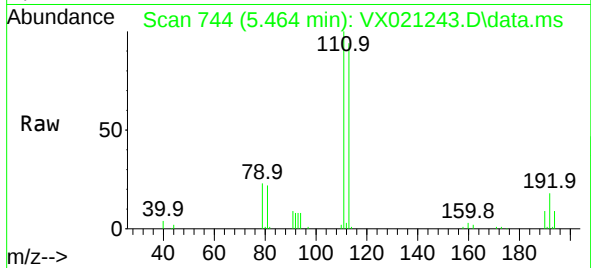




#35
Dibromofluoromethane
Concen: 49.11 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

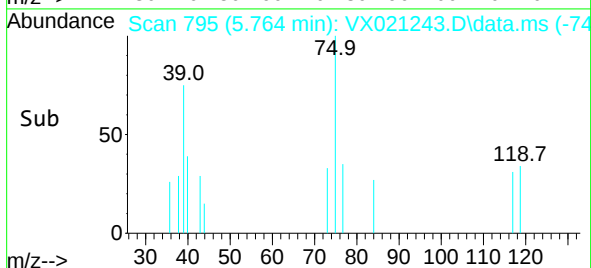
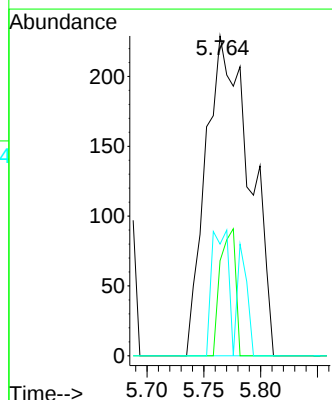
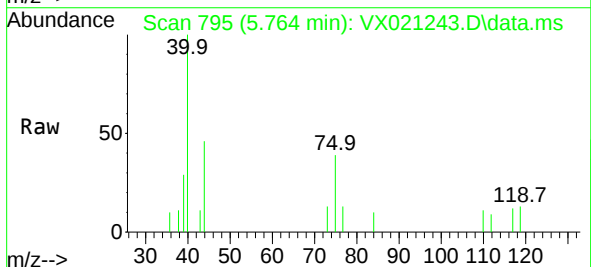
Instrument :
MSVOA_X
ClientSampleId :

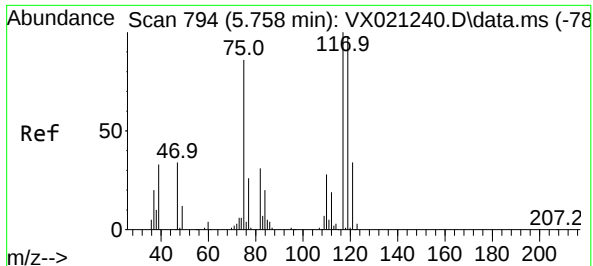
Tgt Ion:113 Resp: 41661
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 18.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 0.49 ug/l
RT: 5.764 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

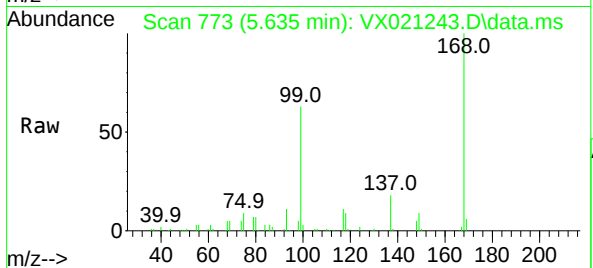
Tgt Ion: 75 Resp: 613
Ion Ratio Lower Upper
75 100
110 13.9 18.1 54.4#
77 14.8 25.3 37.9#



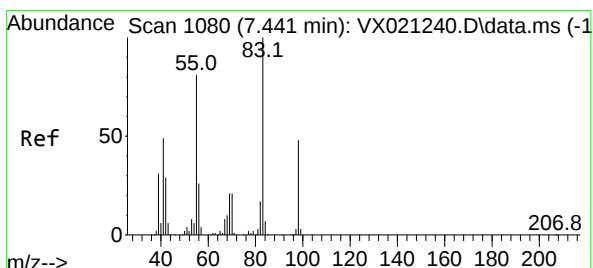
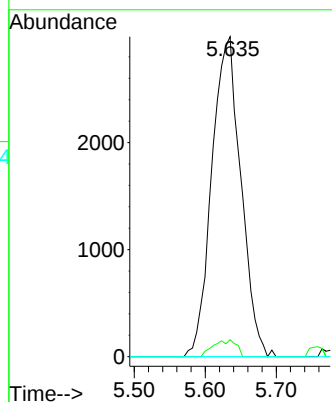
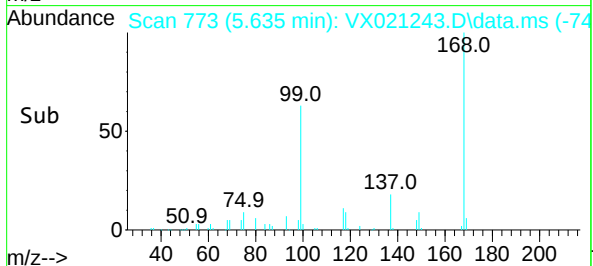


#38
Carbon Tetrachloride
Concen: 6.52 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.123 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

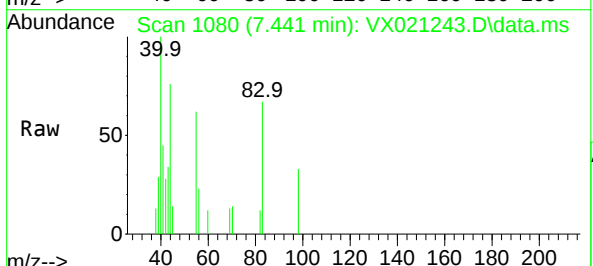
Instrument :
MSVOA_X
ClientSampled :



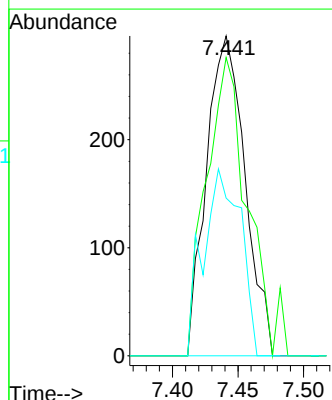
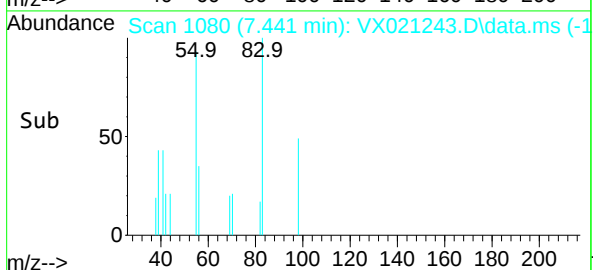
Tgt Ion: 117 Resp: 8507
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#

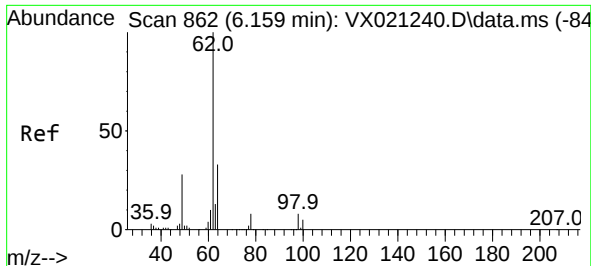


#39
Methylcyclohexane
Concen: 0.44 ug/l
RT: 7.441 min Scan# 1080
Delta R.T. -0.000 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55



Tgt Ion: 83 Resp: 607
Ion Ratio Lower Upper
83 100
55 93.2 58.9 88.3#
98 49.3 38.1 57.1





#42

1,2-Dichloroethane

Concen: 0.27 ug/l

RT: 6.170 min Scan# 864

Delta R.T. 0.011 min

Lab File: VX021243.D

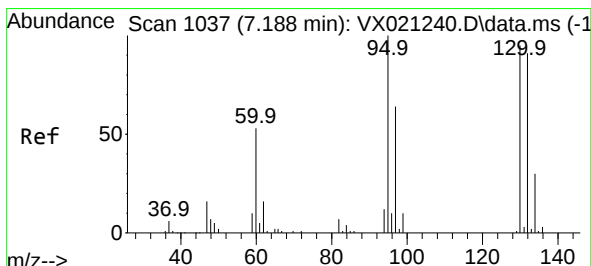
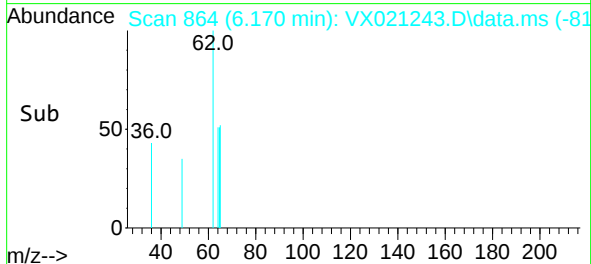
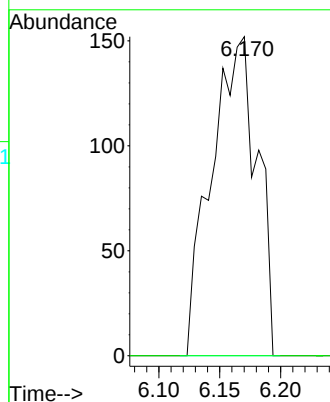
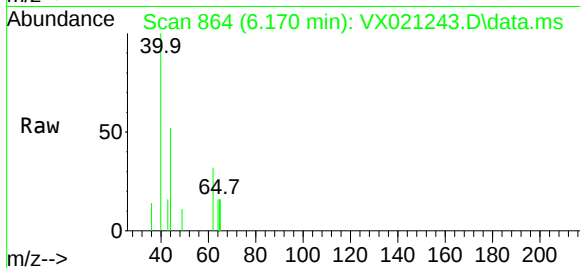
Acq: 16 Mar 2021 12:55

Tgt Ion: 62 Resp: 399

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2



#44

Trichloroethene

Concen: 0.38 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VX021243.D

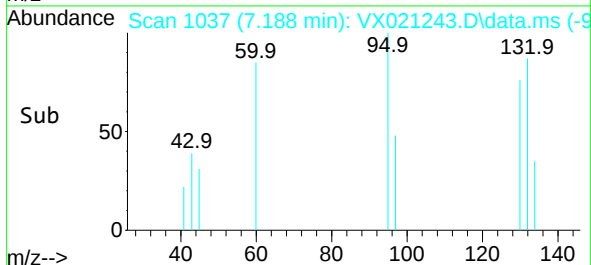
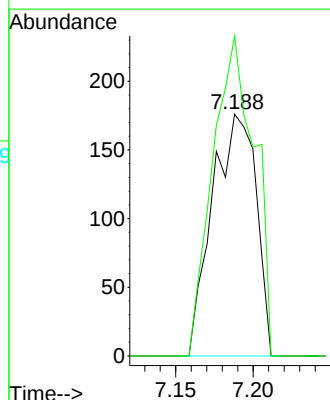
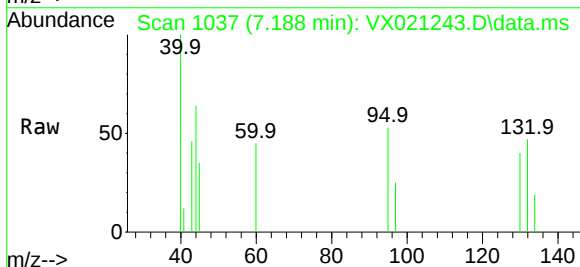
Acq: 16 Mar 2021 12:55

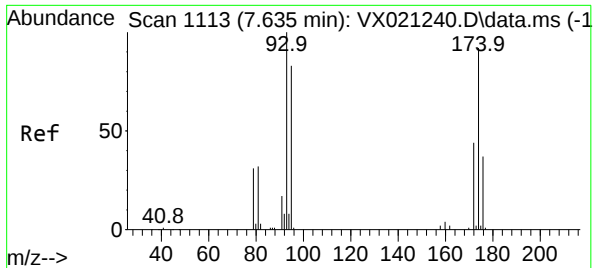
Tgt Ion: 130 Resp: 345

Ion Ratio Lower Upper

130 100

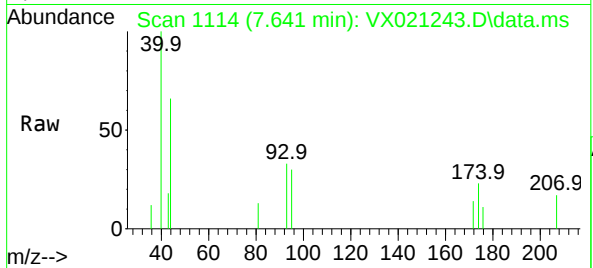
95 132.4 0.0 198.0



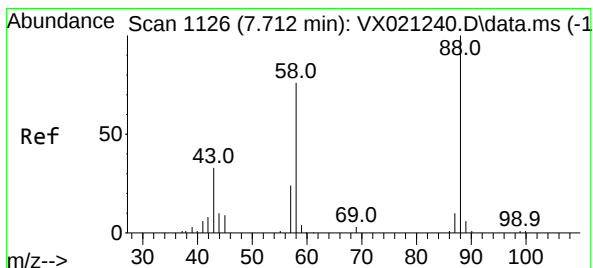
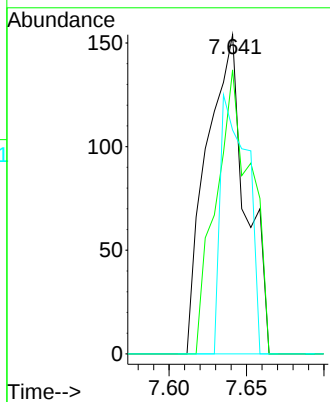
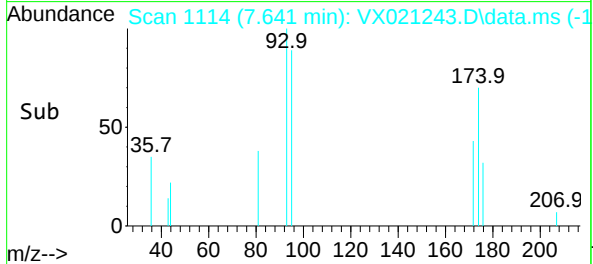


#46
Dibromomethane
Concen: 0.40 ug/l
RT: 7.641 min Scan# 1114
Delta R.T. 0.006 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

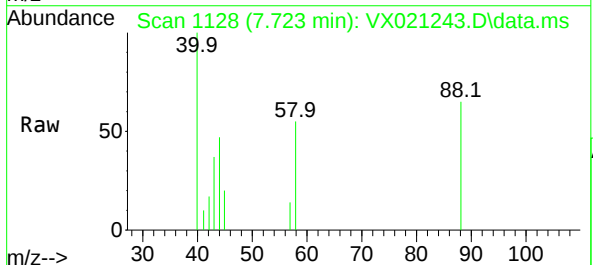
Instrument :
MSVOA_X
ClientSampled :



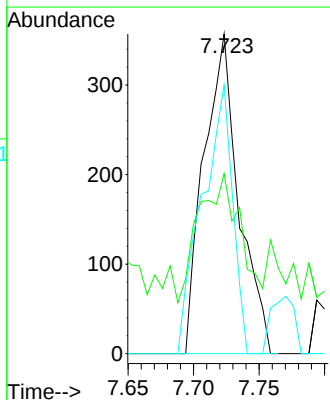
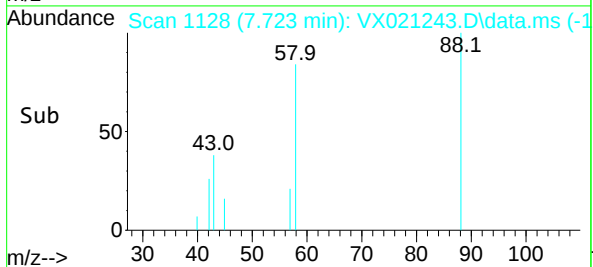
Tgt Ion: 93 Resp: 271
Ion Ratio Lower Upper
93 100
95 79.3 66.8 100.2
174 56.1 83.1 124.7#

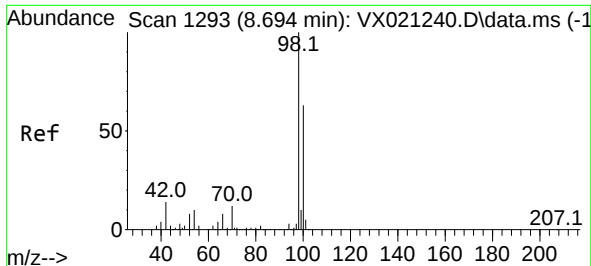


#49
1,4-Dioxane
Concen: 19.68 ug/l
RT: 7.723 min Scan# 1128
Delta R.T. 0.011 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55



Tgt Ion: 88 Resp: 661
Ion Ratio Lower Upper
88 100
43 46.9 23.2 34.8#
58 73.4 55.0 82.4

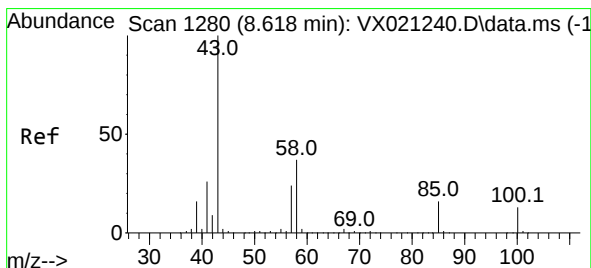
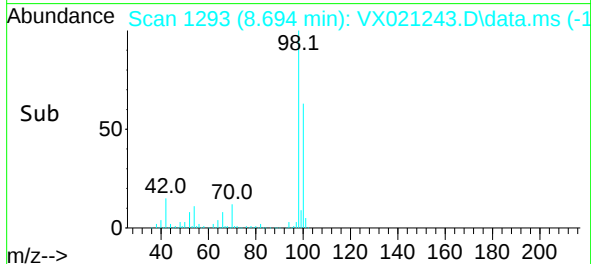
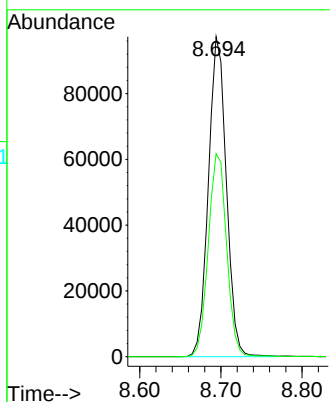
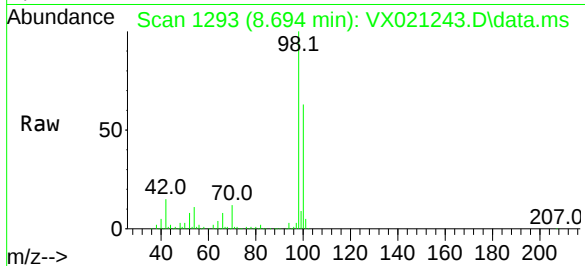




#50
Toluene-d8
Concen: 48.53 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

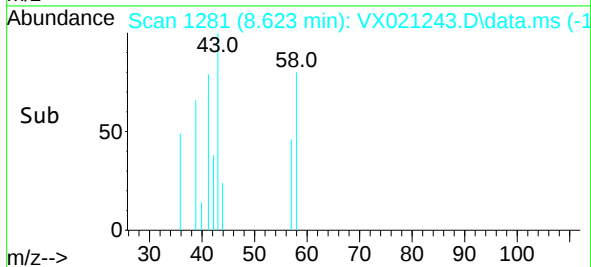
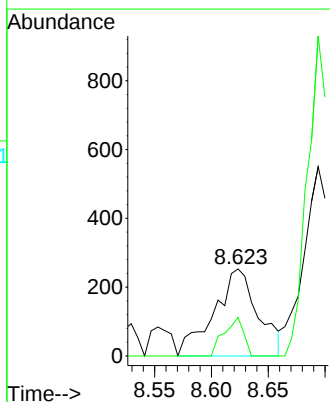
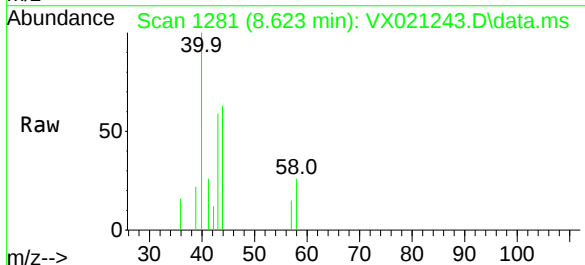
Instrument :
MSVOA_X
ClientSampled :

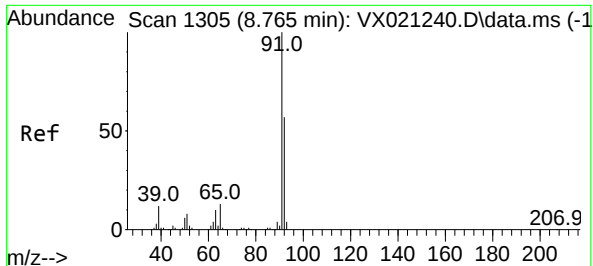
Tgt Ion: 98 Resp: 149368
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 8.623 min Scan# 1281
Delta R.T. 0.005 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

Tgt Ion: 43 Resp: 680
Ion Ratio Lower Upper
43 100
58 19.7 35.4 53.0#

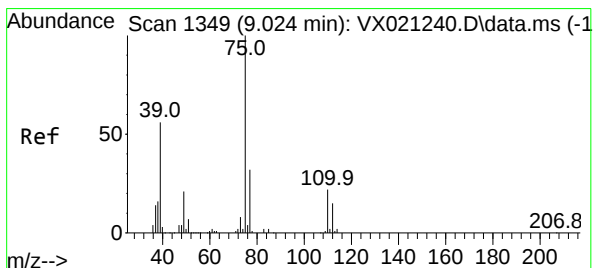
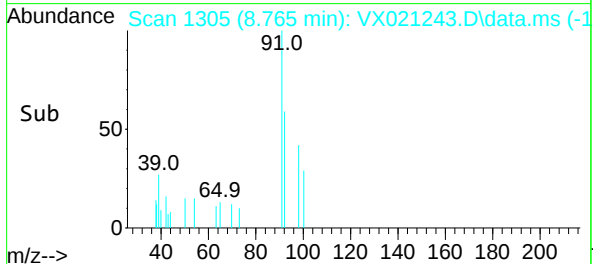
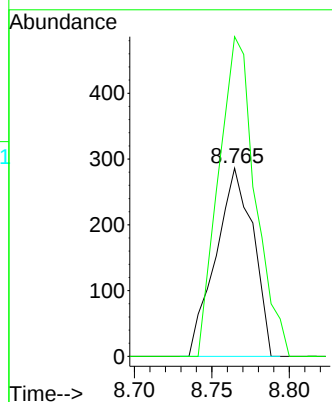
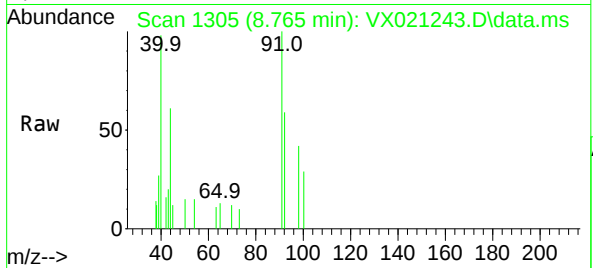




#52
Toluene
Concen: 0.22 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

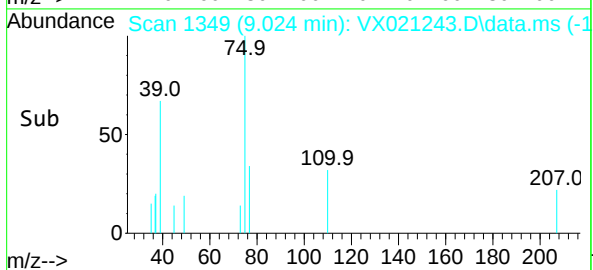
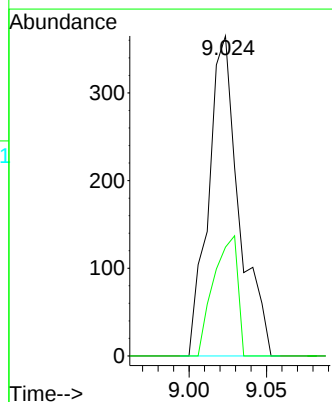
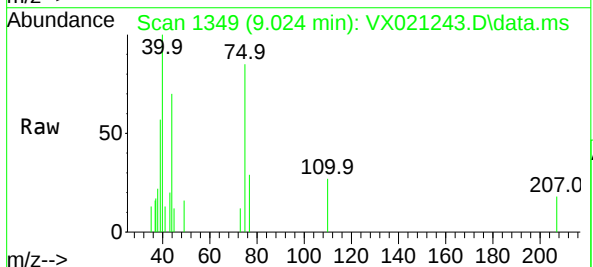
Instrument :
MSVOA_X
ClientSampled :

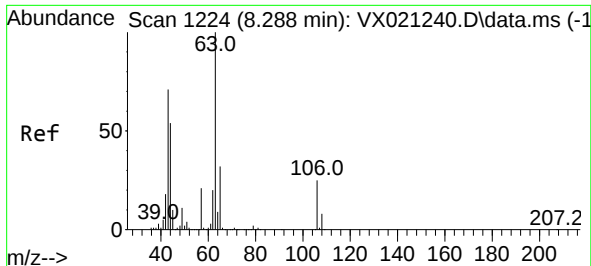
Tgt Ion: 92 Resp: 480
Ion Ratio Lower Upper
92 100
91 166.7 137.1 205.7



#53
t-1,3-Dichloropropene
Concen: 0.34 ug/l
RT: 9.024 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

Tgt Ion: 75 Resp: 499
Ion Ratio Lower Upper
75 100
77 34.0 24.9 37.3

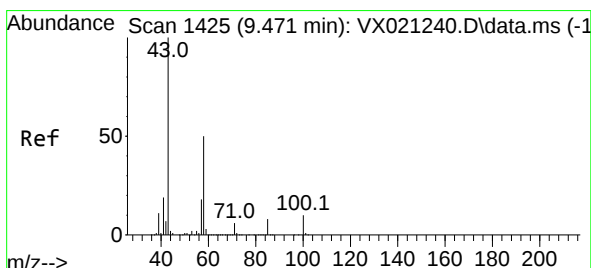
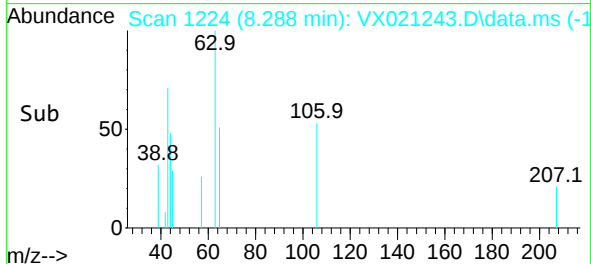
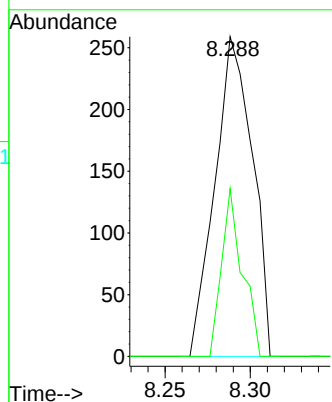
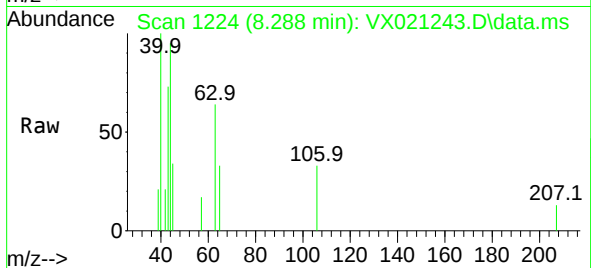




#58
2-Chloroethyl Vinyl ether
Concen: 0.52 ug/l
RT: 8.288 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

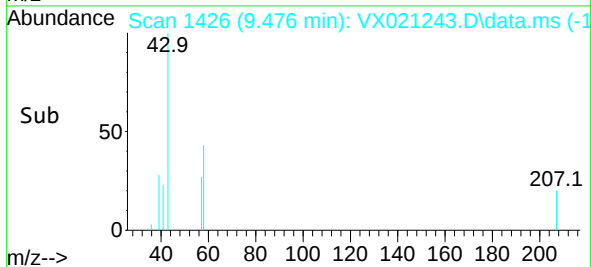
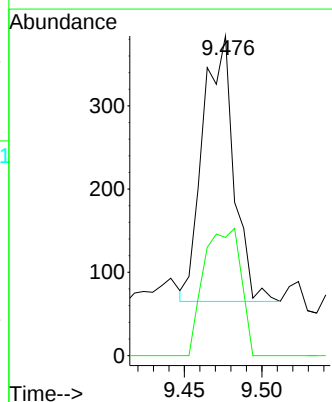
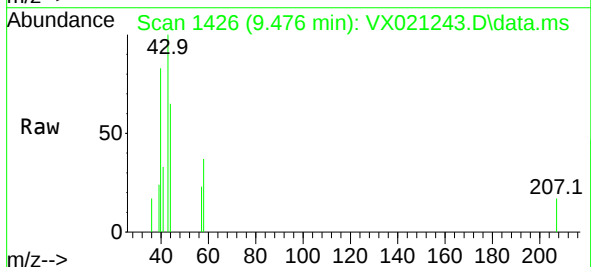
Instrument :
MSVOA_X
ClientSampled :

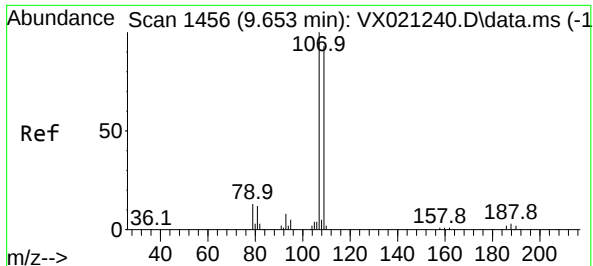
Tgt Ion: 63 Resp: 397
Ion Ratio Lower Upper
63 100
106 29.0 23.5 35.3



#59
2-Hexanone
Concen: 0.43 ug/l
RT: 9.476 min Scan# 1426
Delta R.T. 0.005 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

Tgt Ion: 43 Resp: 444
Ion Ratio Lower Upper
43 100
58 57.0 30.9 92.8

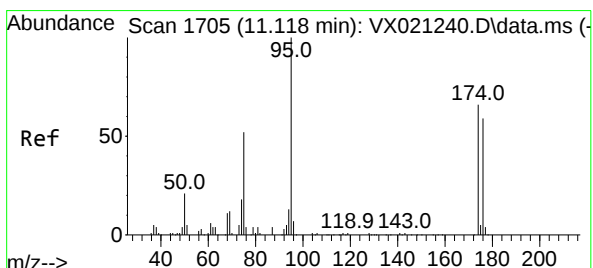
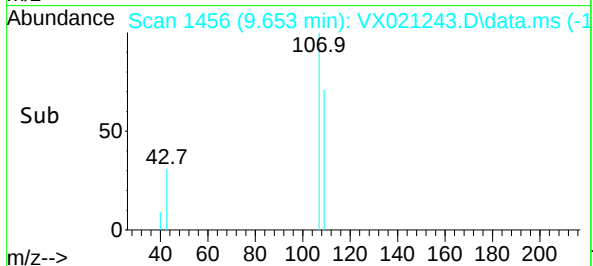
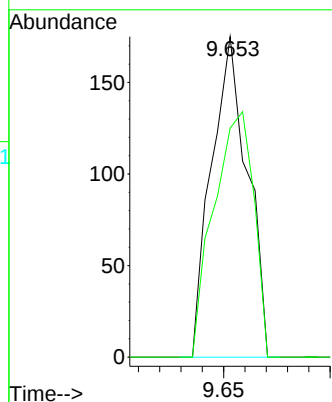
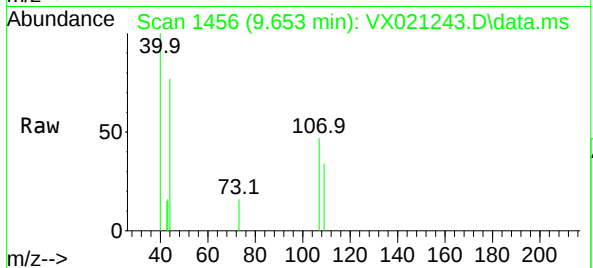




#61
1,2-Dibromoethane
Concen: 0.21 ug/l
RT: 9.653 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

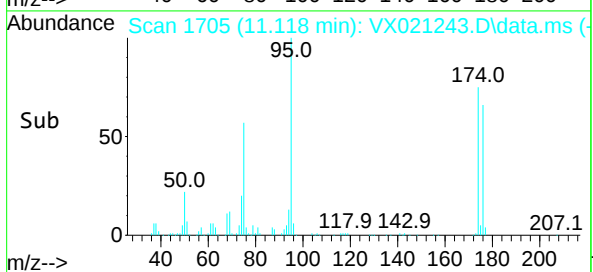
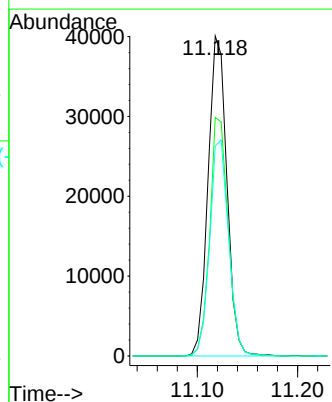
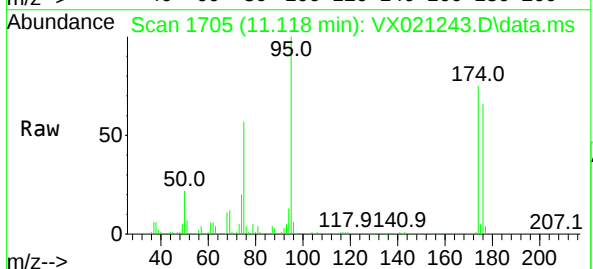
Instrument :
MSVOA_X
ClientSampled :

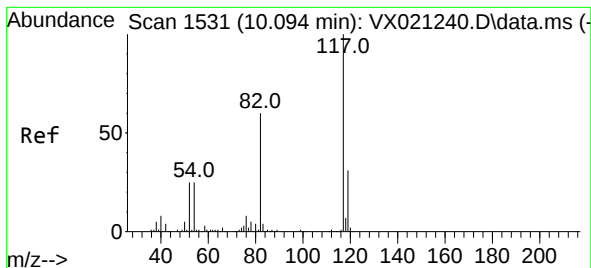
Tgt Ion:107 Resp: 205
Ion Ratio Lower Upper
107 100
109 85.4 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 43.78 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

Tgt Ion: 95 Resp: 52331
Ion Ratio Lower Upper
95 100
174 72.8 0.0 154.6
176 68.0 0.0 155.8

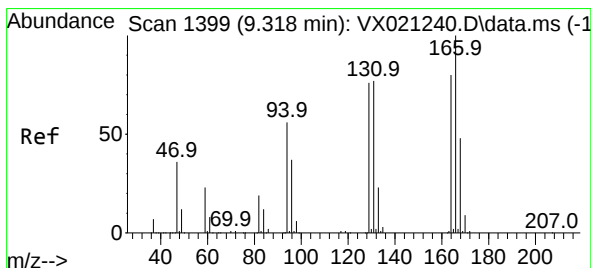
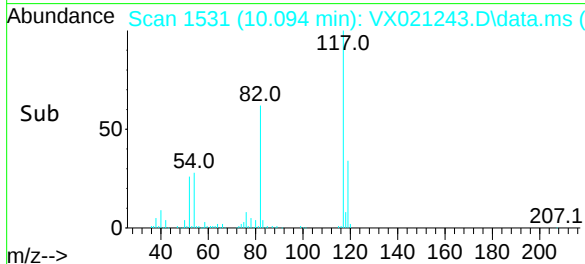
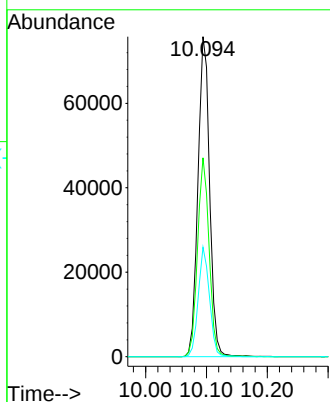
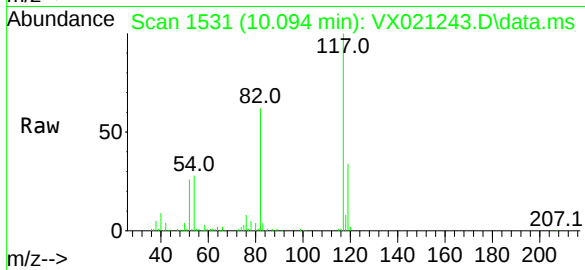




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

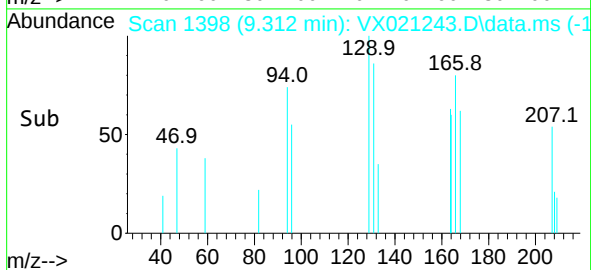
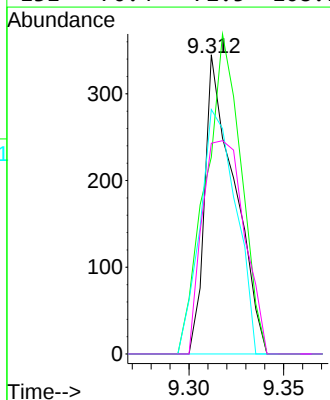
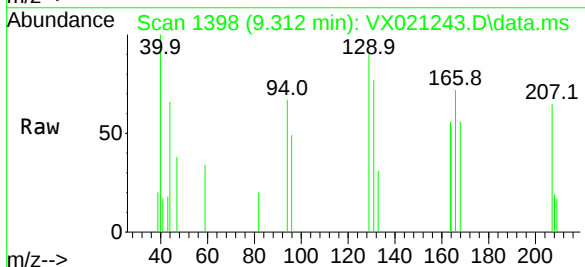
Instrument :
MSVOA_X
ClientSampled :

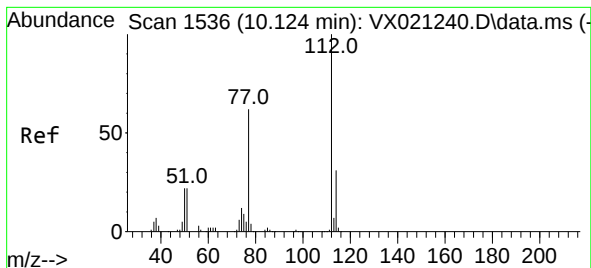
Tgt Ion:117 Resp: 101131
Ion Ratio Lower Upper
117 100
82 62.1 47.4 71.2
119 34.2 26.6 39.8



#64
Tetrachloroethene
Concen: 0.50 ug/l
RT: 9.312 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

Tgt Ion:164 Resp: 377
Ion Ratio Lower Upper
164 100
166 65.8 103.4 155.2#
129 81.7 70.8 106.2
131 70.4 72.5 108.7#

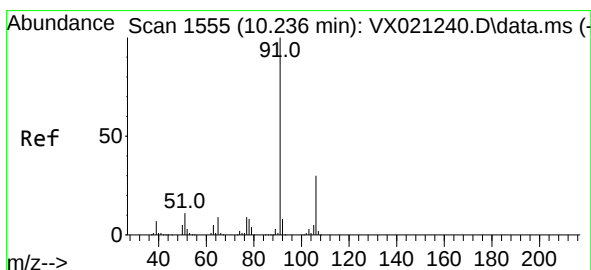
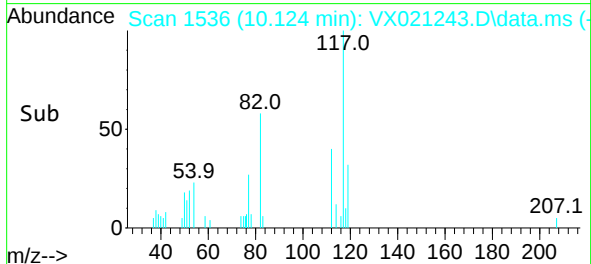
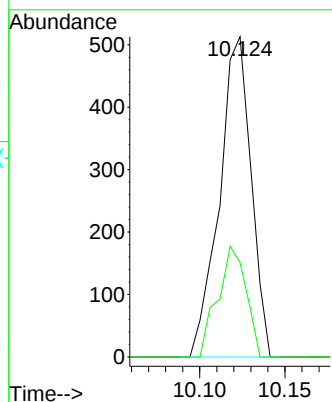
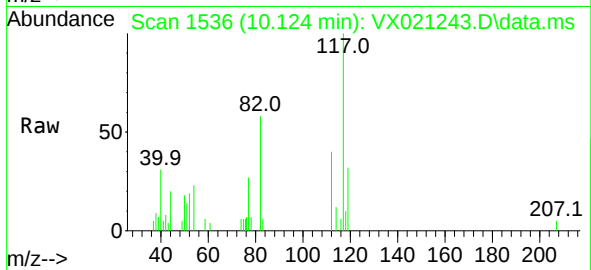




#65
Chlorobenzene
Concen: 0.32 ug/l
RT: 10.124 min Scan# 1536
Delta R.T. -0.000 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

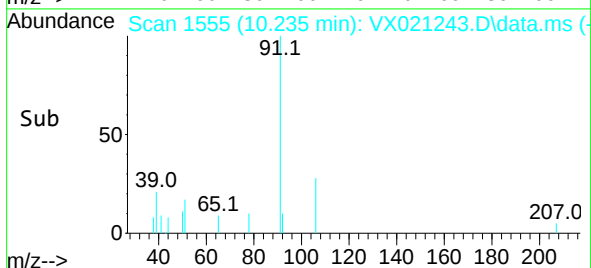
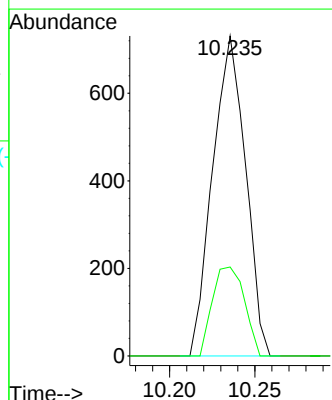
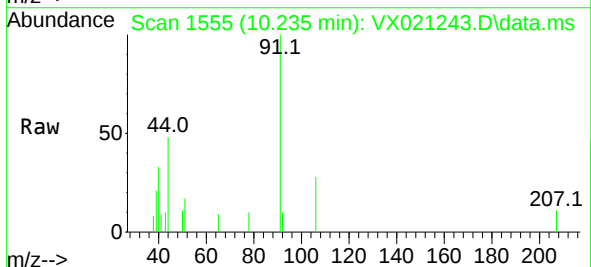
Instrument :
MSVOA_X
ClientSampled :

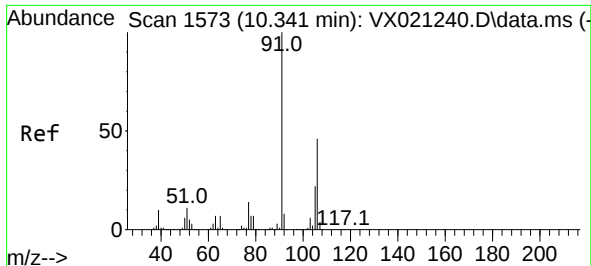
Tgt Ion:112 Resp: 662
Ion Ratio Lower Upper
112 100
114 29.4 25.8 38.6



#67
Ethyl Benzene
Concen: 0.26 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. -0.001 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

Tgt Ion: 91 Resp: 982
Ion Ratio Lower Upper
91 100
106 27.8 24.6 37.0

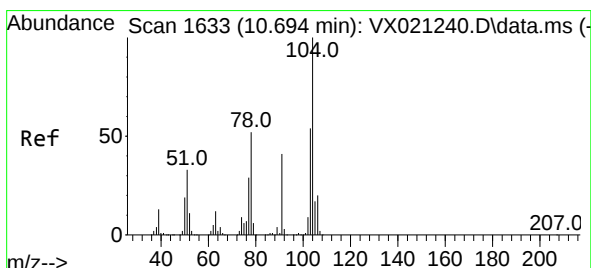
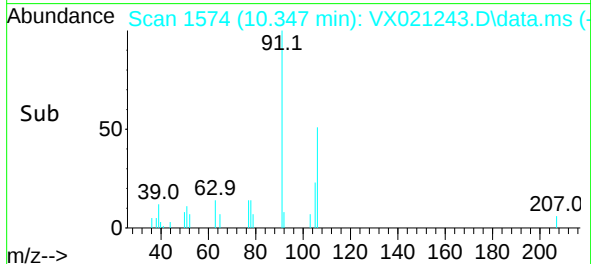
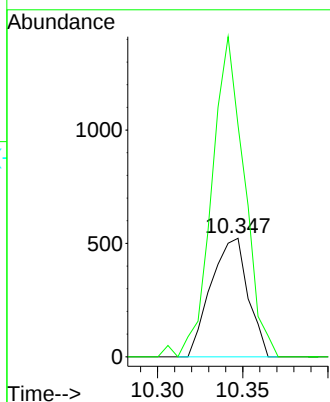
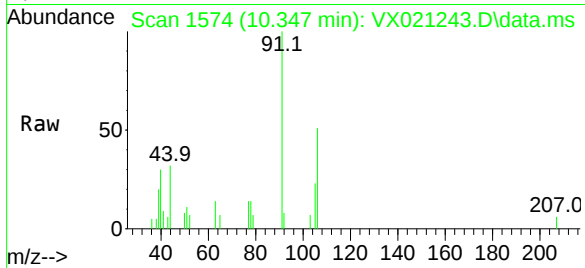




#68
m/p-Xylenes
Concen: 0.58 ug/l
RT: 10.347 min Scan# 1574
Delta R.T. 0.006 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

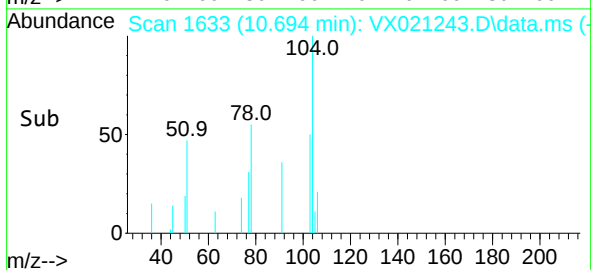
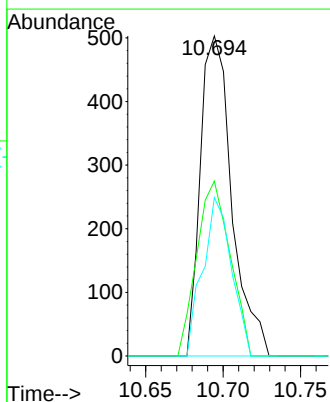
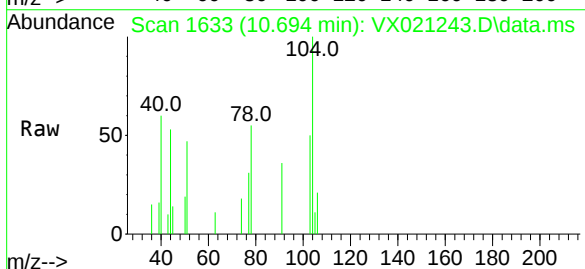
Instrument :
MSVOA_X
ClientSampled :

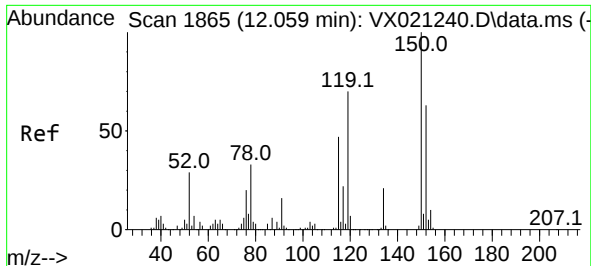
Tgt Ion:106 Resp: 790
Ion Ratio Lower Upper
106 100
91 237.6 162.8 244.2



#70
Styrene
Concen: 0.32 ug/l
RT: 10.694 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

Tgt Ion:104 Resp: 711
Ion Ratio Lower Upper
104 100
78 57.9 40.0 60.0
103 45.3 43.4 65.0

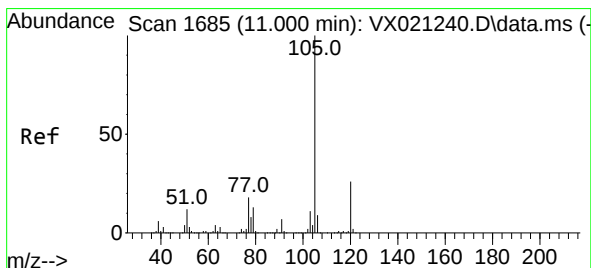
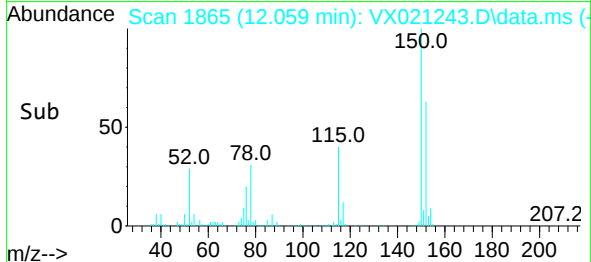
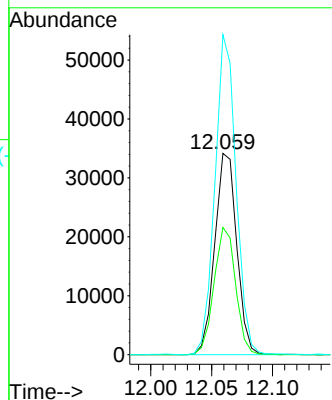
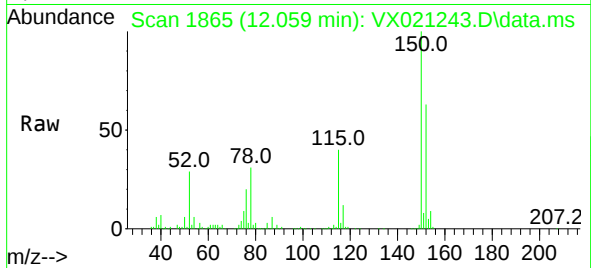




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

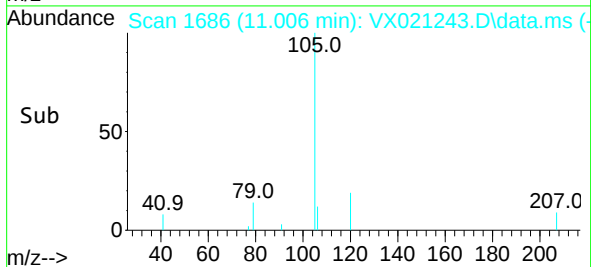
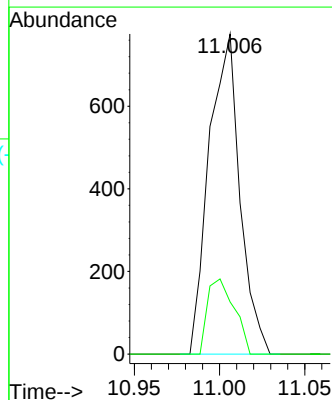
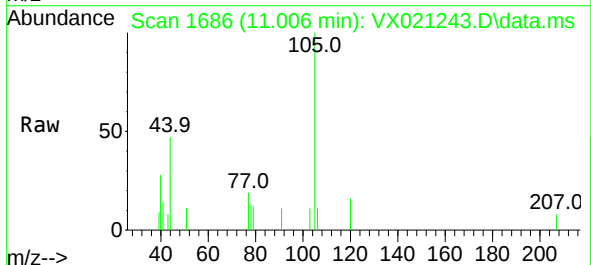
Instrument :
MSVOA_X
ClientSampleId :

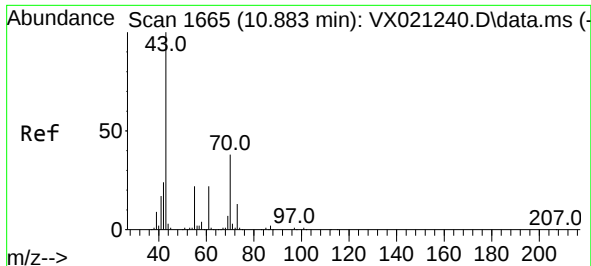
Tgt Ion:152 Resp: 42871
Ion Ratio Lower Upper
152 100
115 62.2 41.1 123.3
150 153.1 0.0 349.0



#73
Isopropylbenzene
Concen: 0.31 ug/l
RT: 11.006 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

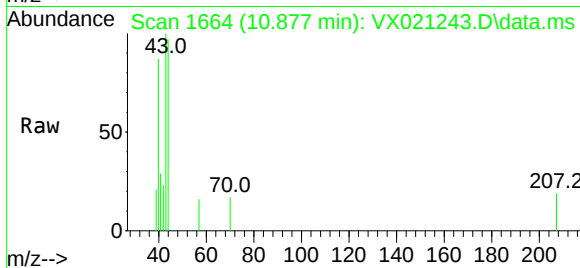
Tgt Ion:105 Resp: 974
Ion Ratio Lower Upper
105 100
120 20.4 13.2 39.6



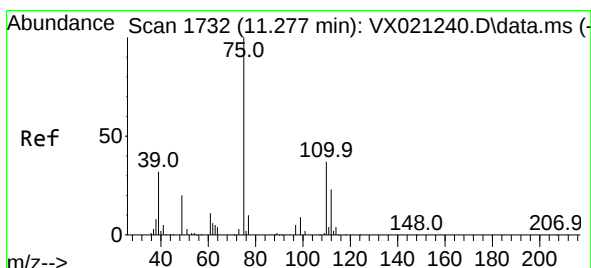
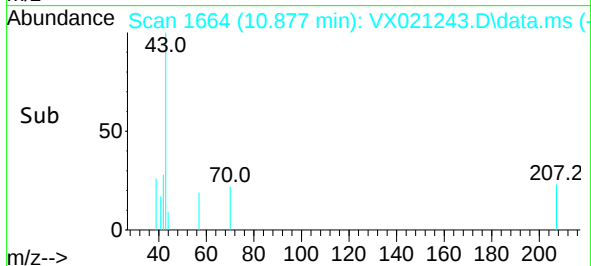
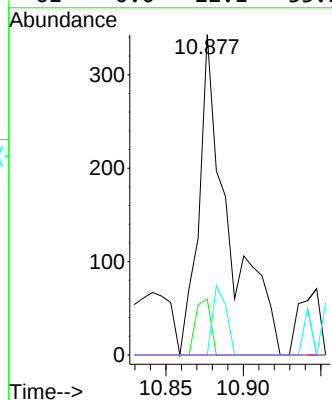


#74
N-amy1 acetate
Concen: 0.28 ug/l
RT: 10.877 min Scan# 1664
Delta R.T. -0.006 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

Instrument :
MSVOA_X
ClientSampleId :

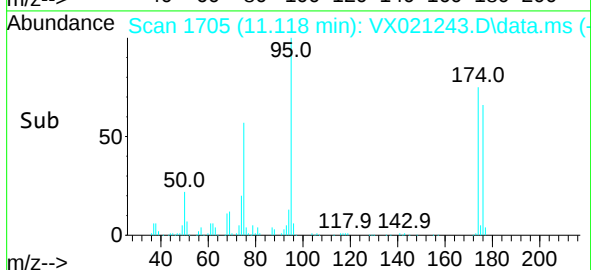
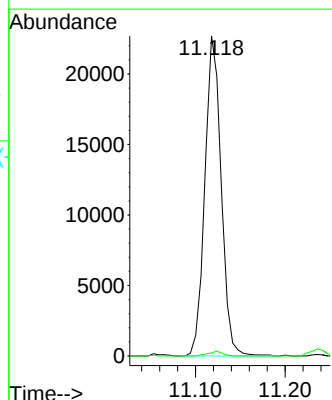
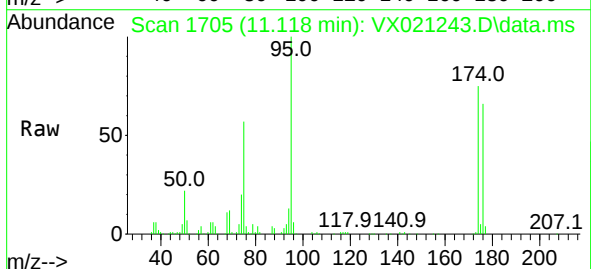


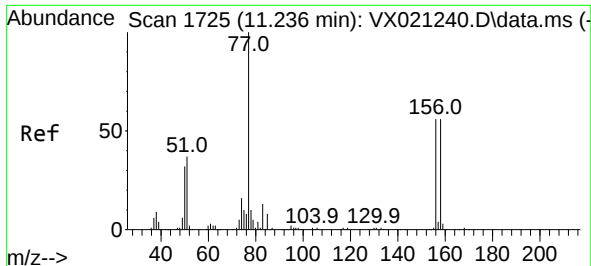
Tgt Ion:	43	Resp:	460
Ion	Ratio	Lower	Upper
43	100		
70	8.7	39.0	58.6#
55	9.8	21.5	32.3#
61	0.0	22.1	33.1#



#76
1,2,3-Trichloropropane
Concen: 28.81 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

Tgt Ion:	75	Resp:	28648
Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#

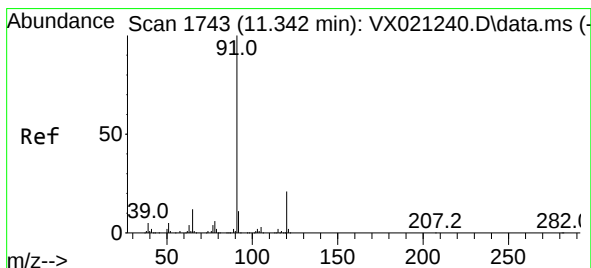
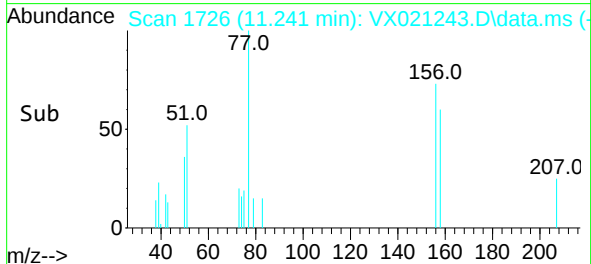
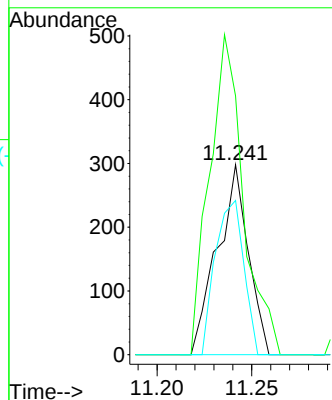
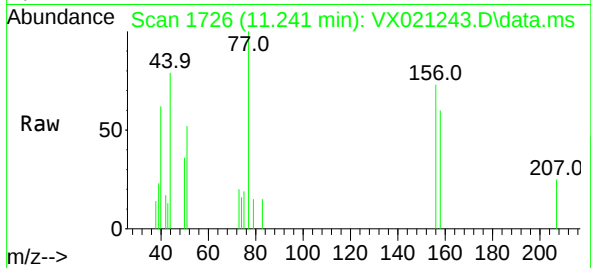




#77
Bromobenzene
Concen: 0.45 ug/l
RT: 11.241 min Scan# 1726
Delta R.T. 0.005 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

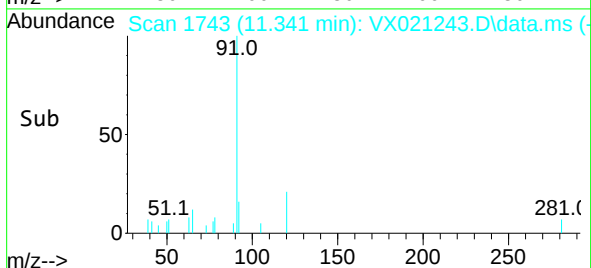
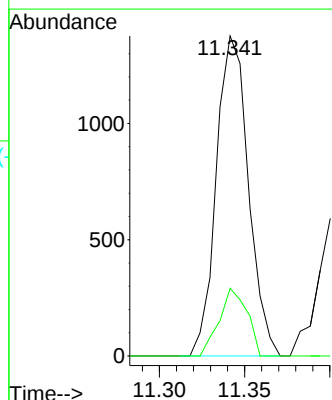
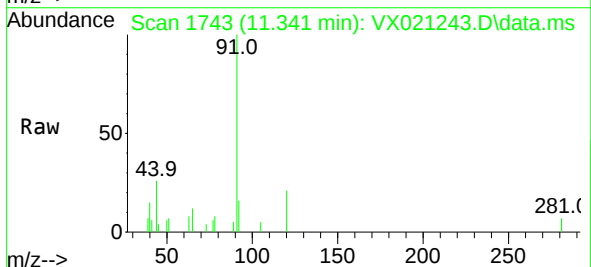
Instrument :
MSVOA_X
ClientSampled :

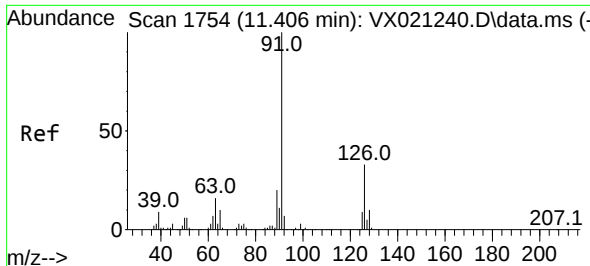
Tgt Ion:156 Resp: 339
Ion Ratio Lower Upper
156 100
77 184.1 82.8 248.6
158 74.6 49.1 147.4



#78
n-propylbenzene
Concen: 0.48 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. -0.001 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

Tgt Ion: 91 Resp: 1804
Ion Ratio Lower Upper
91 100
120 18.3 11.5 34.5

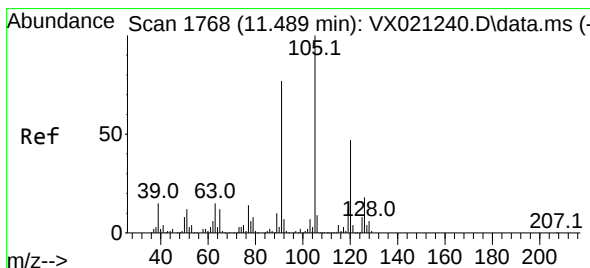
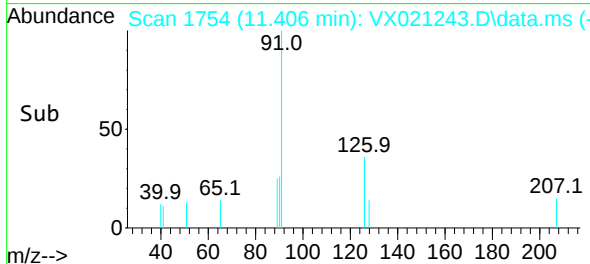
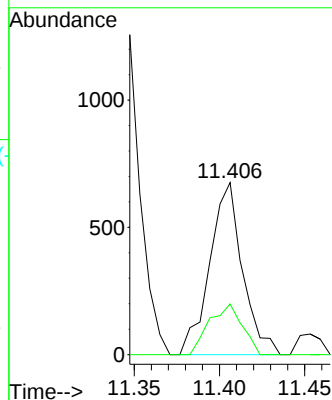
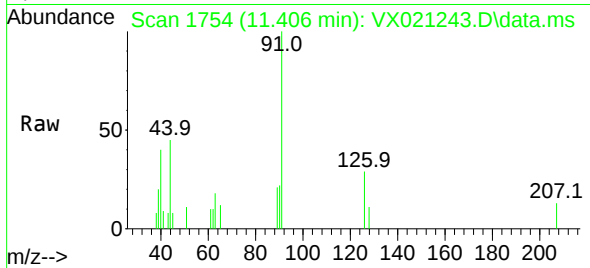




#79
2-Chlorotoluene
Concen: 0.40 ug/l
RT: 11.406 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

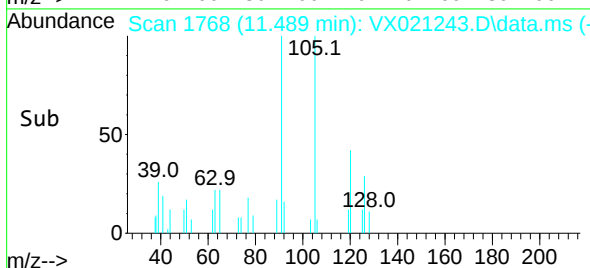
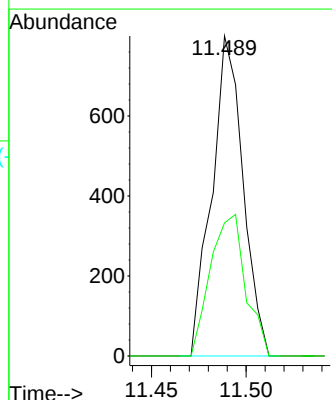
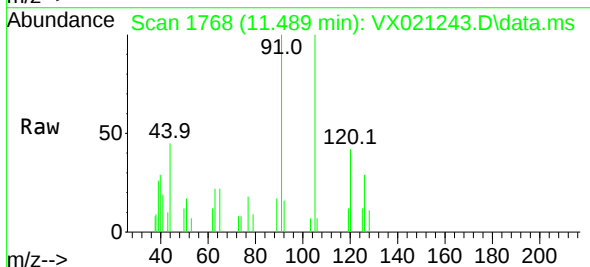
Instrument :
MSVOA_X
ClientSampled :

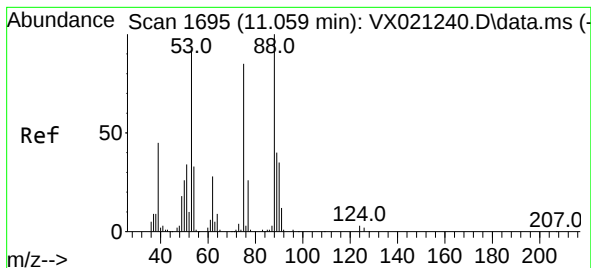
Tgt Ion: 91 Resp: 905
Ion Ratio Lower Upper
91 100
126 29.6 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 0.34 ug/l
RT: 11.489 min Scan# 1768
Delta R.T. -0.000 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

Tgt Ion: 105 Resp: 917
Ion Ratio Lower Upper
105 100
120 49.9 23.8 71.5

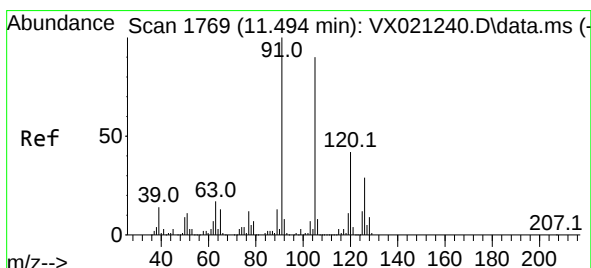
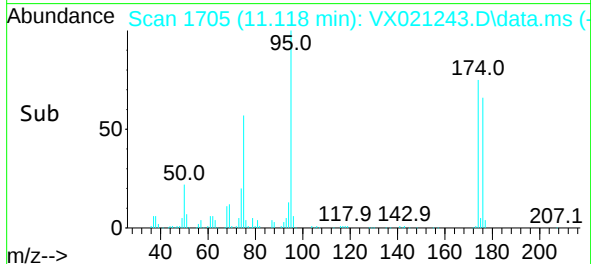
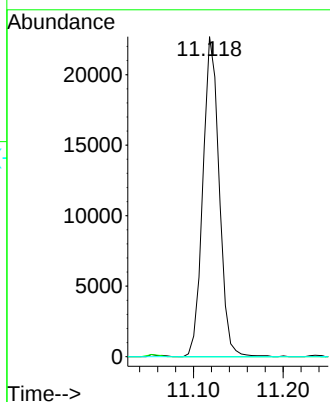
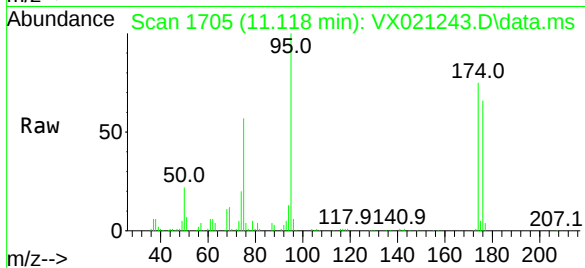




#81
trans-1,4-Dichloro-2-butene
Concen: 78.21 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

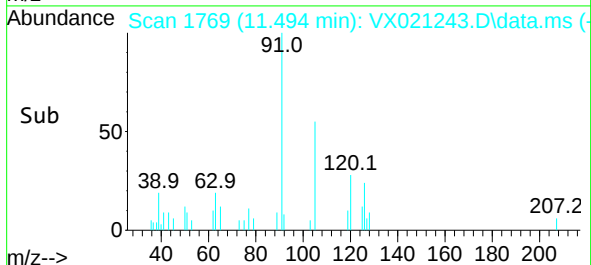
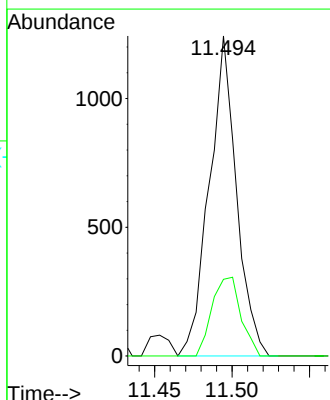
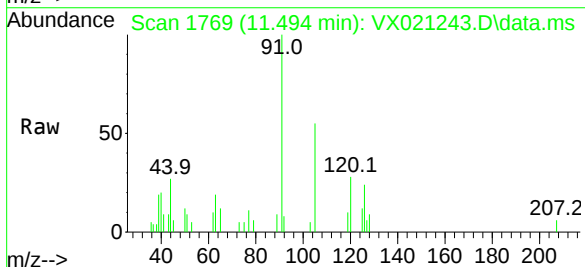
Instrument :
MSVOA_X
ClientSampleId :

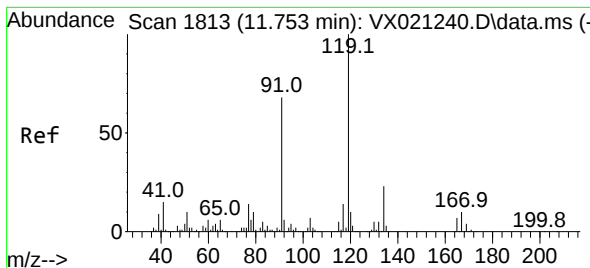
Tgt Ion: 75 Resp: 28648
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#82
4-Chlorotoluene
Concen: 0.57 ug/l
RT: 11.494 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

Tgt Ion: 91 Resp: 1516
Ion Ratio Lower Upper
91 100
126 26.1 14.9 44.5

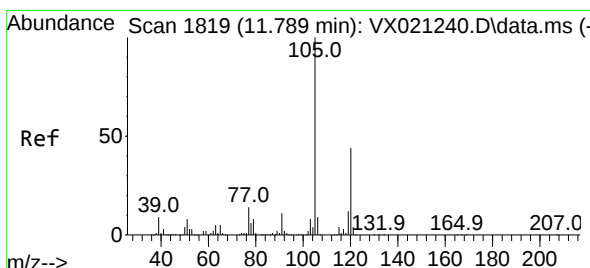
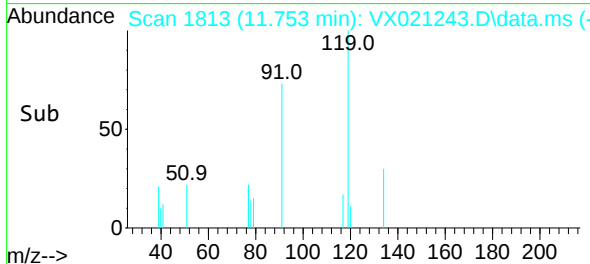
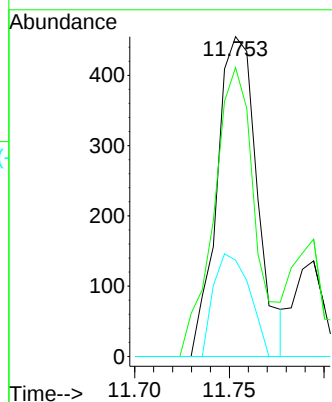
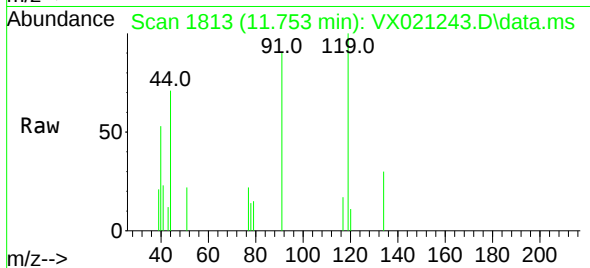




#83
tert-Butylbenzene
Concen: 0.26 ug/l
RT: 11.753 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

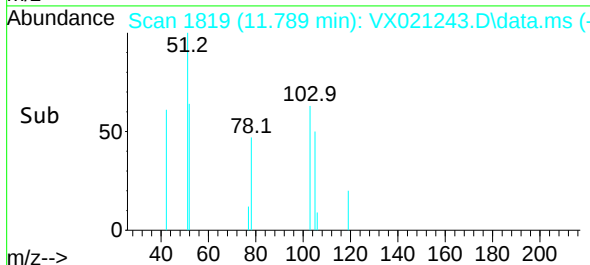
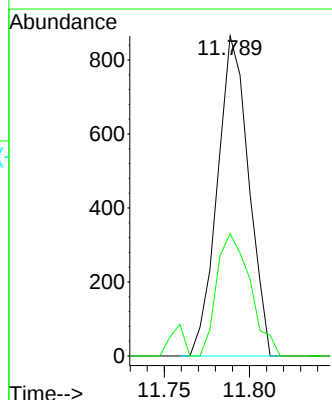
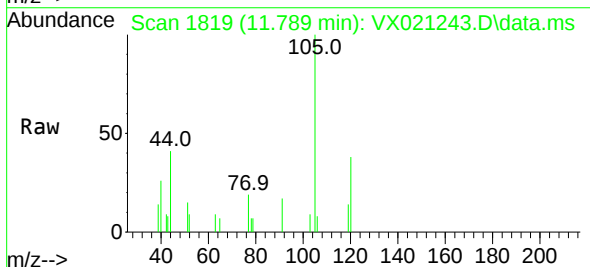
Instrument :
MSVOA_X
ClientSampleId :

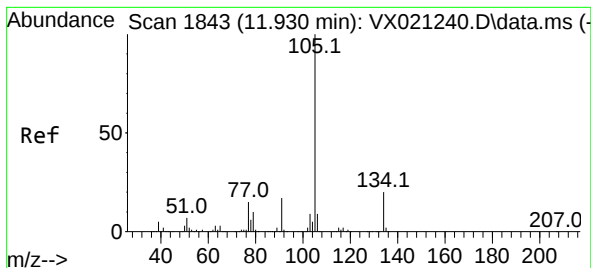
Tgt Ion:119 Resp: 672
Ion Ratio Lower Upper
119 100
91 93.3 27.9 83.7#
134 28.7 11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 0.40 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

Tgt Ion:105 Resp: 1104
Ion Ratio Lower Upper
105 100
120 41.0 22.4 67.3





#85

sec-Butylbenzene

Concen: 0.50 ug/l

RT: 11.930 min Scan# 1843

Delta R.T. -0.000 min

Lab File: VX021243.D

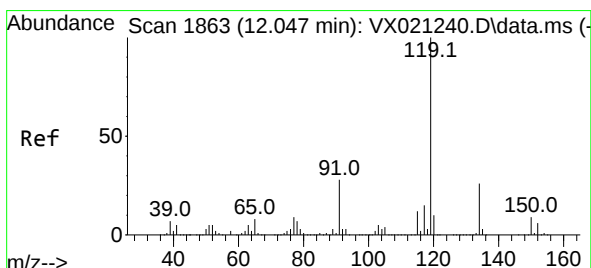
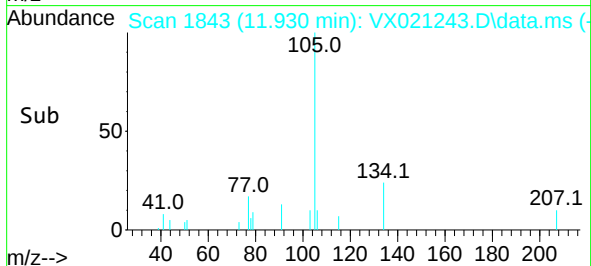
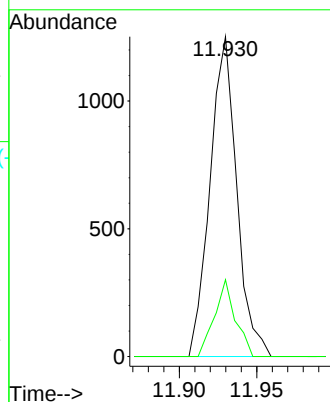
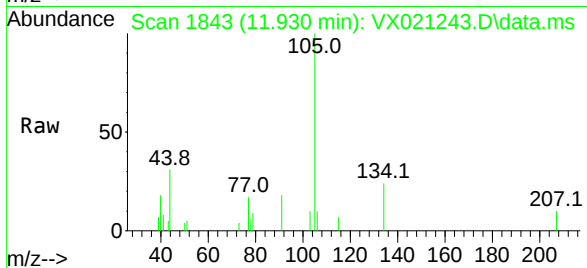
Acq: 16 Mar 2021 12:55

Tgt Ion:105 Resp: 1501

Ion Ratio Lower Upper

105 100

134 18.7 10.0 29.8



#86

p-Isopropyltoluene

Concen: 0.51 ug/l

RT: 12.047 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VX021243.D

Acq: 16 Mar 2021 12:55

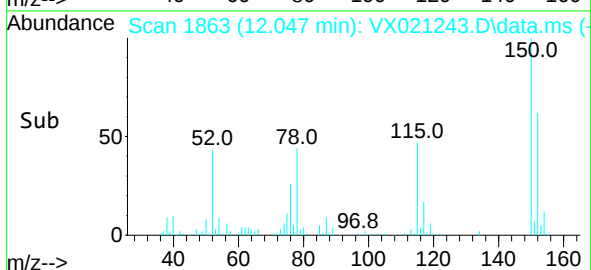
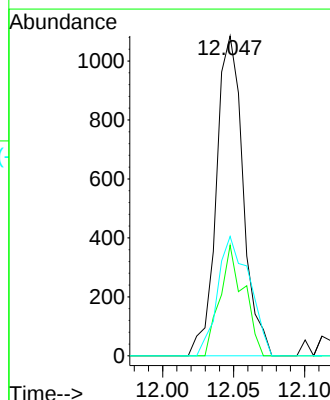
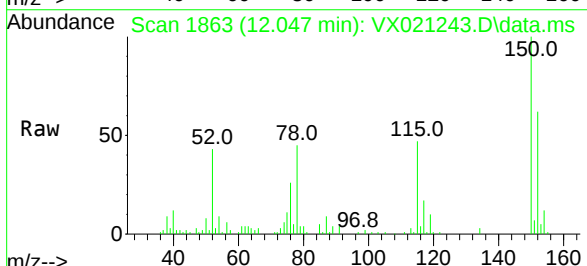
Tgt Ion:119 Resp: 1421

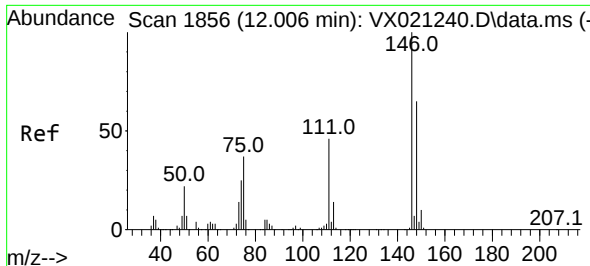
Ion Ratio Lower Upper

119 100

134 30.9 12.9 38.7

91 44.5 11.7 35.0#





#87

1,3-Dichlorobenzene

Concen: 0.62 ug/l

RT: 12.006 min Scan# 1856

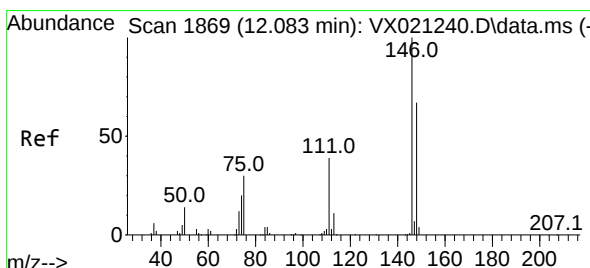
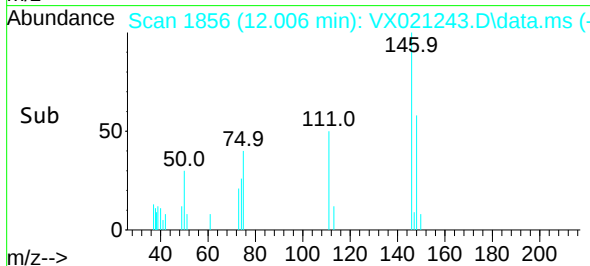
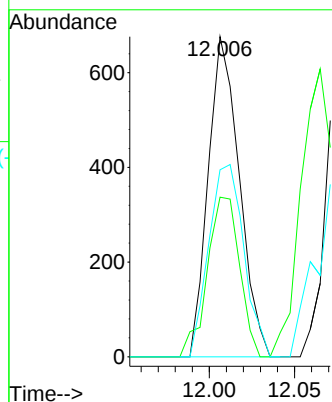
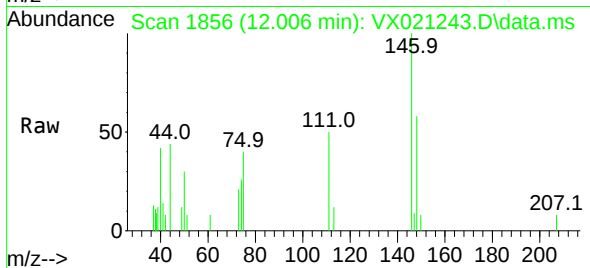
Delta R.T. 0.000 min

Lab File: VX021243.D

Acq: 16 Mar 2021 12:55

Tgt Ion:146	Resp:	857
Ion Ratio	Lower	Upper
146	100	
111	51.8	20.2 60.5
148	67.9	31.9 95.7

Instrument :
MSVOA_X
ClientSampled :



#88

1,4-Dichlorobenzene

Concen: 0.61 ug/l

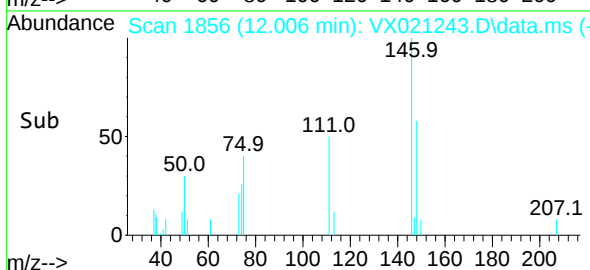
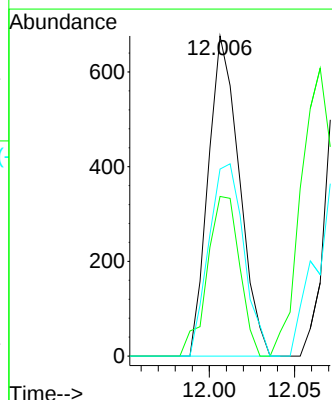
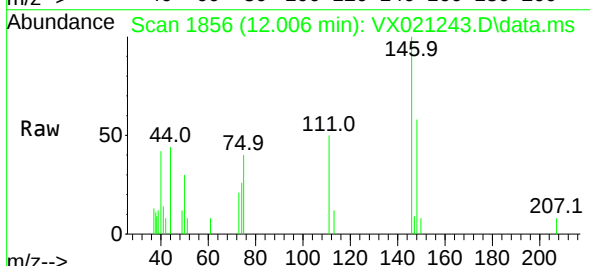
RT: 12.006 min Scan# 1856

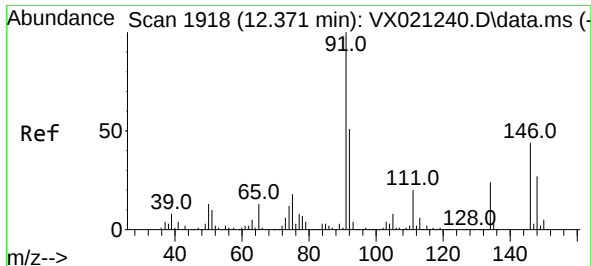
Delta R.T. -0.077 min

Lab File: VX021243.D

Acq: 16 Mar 2021 12:55

Tgt Ion:146	Resp:	857
Ion Ratio	Lower	Upper
146	100	
111	51.8	19.6 58.8
148	67.9	31.6 95.0





#89

n-Butylbenzene

Concen: 0.74 ug/l

RT: 12.371 min Scan# 1918

Delta R.T. 0.000 min

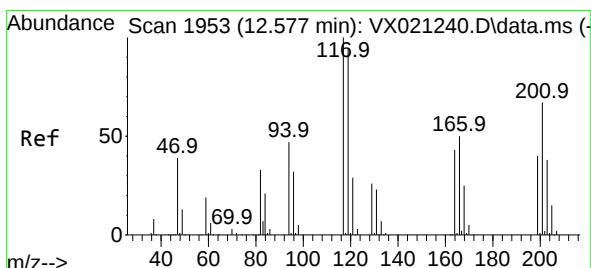
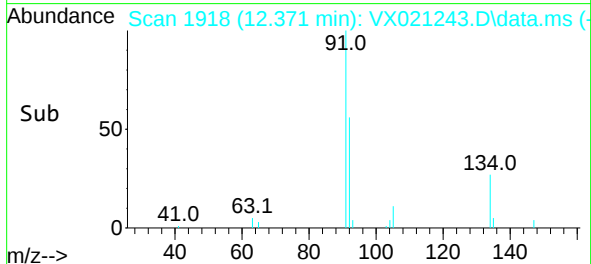
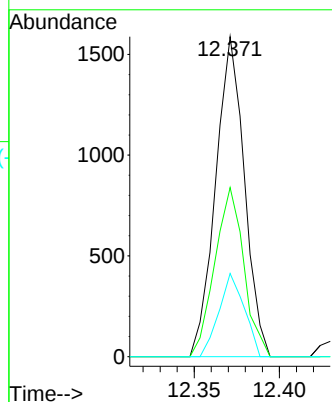
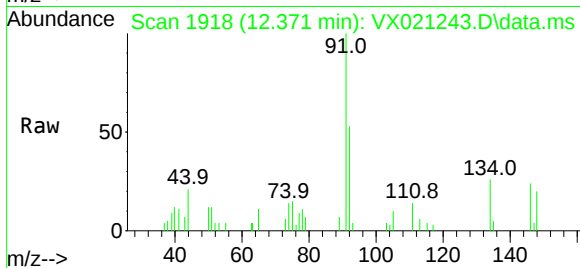
Lab File: VX021243.D

Acq: 16 Mar 2021 12:55

Tgt Ion: 91 Resp: 1864

Ion	Ratio	Lower	Upper
91	100		
92	53.3	27.4	82.0
134	22.9	13.2	39.5

Instrument :
MSVOA_X
ClientSampled :



#90

Hexachloroethane

Concen: 0.22 ug/l

RT: 12.577 min Scan# 1953

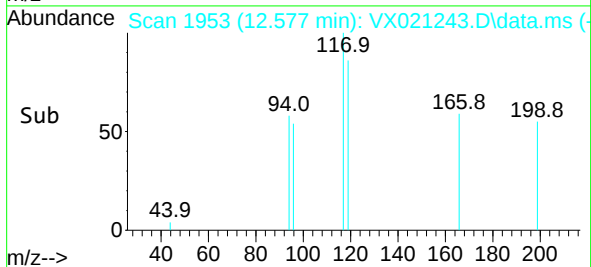
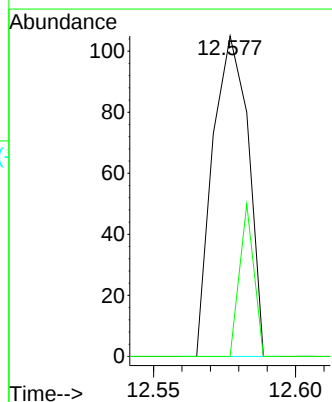
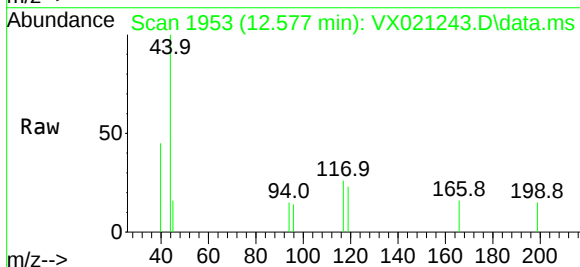
Delta R.T. -0.000 min

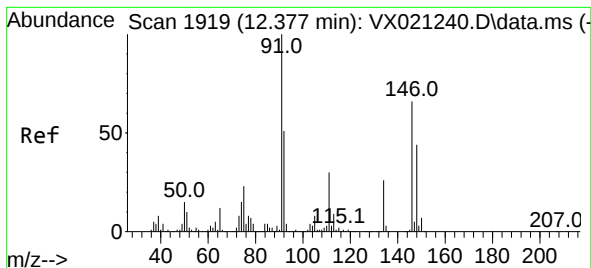
Lab File: VX021243.D

Acq: 16 Mar 2021 12:55

Tgt Ion: 117 Resp: 91

Ion	Ratio	Lower	Upper
117	100		
201	19.8	40.4	121.2#

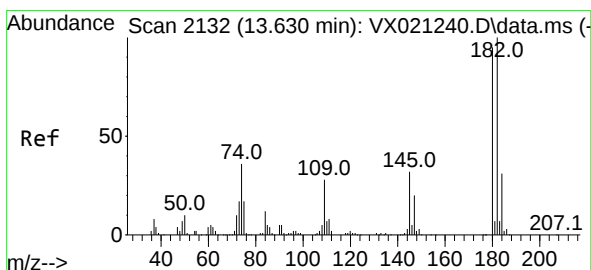
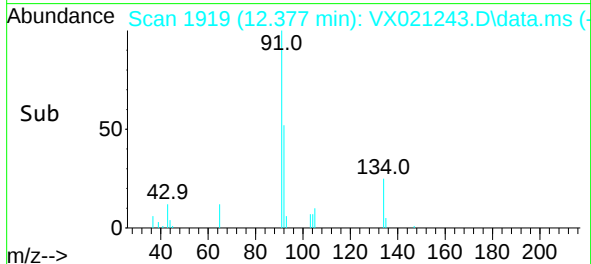
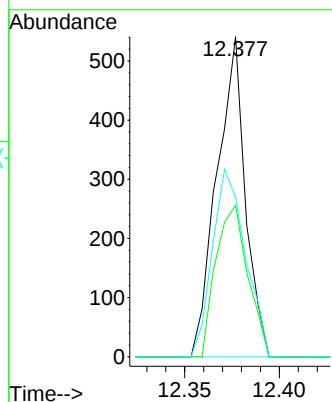
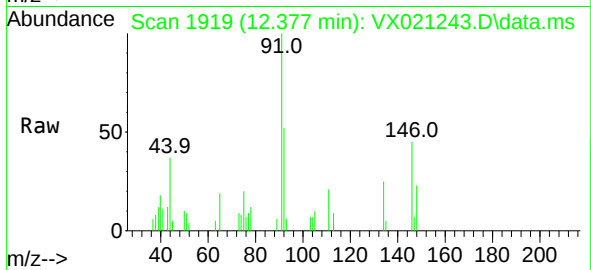




#91
1,2-Dichlorobenzene
Concen: 0.42 ug/l
RT: 12.377 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

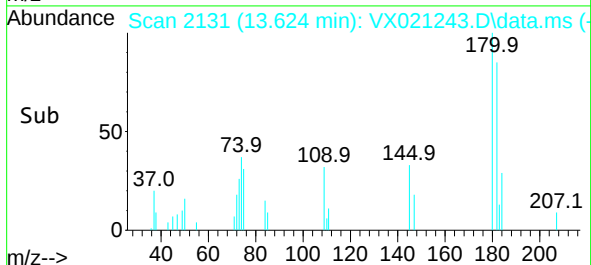
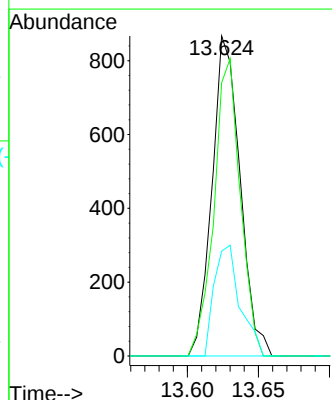
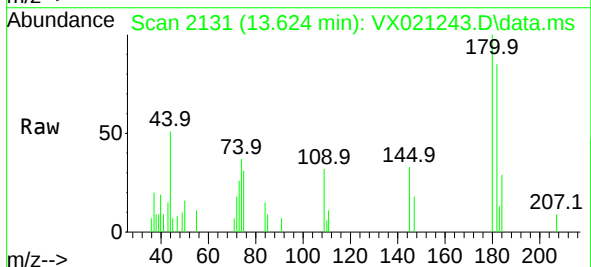
Instrument :
MSVOA_X
ClientSampled :

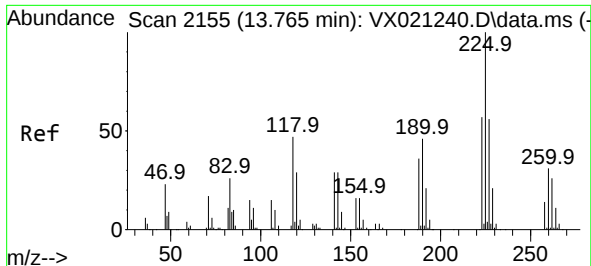
Tgt Ion:146 Resp: 564
Ion Ratio Lower Upper
146 100
111 53.0 20.8 62.2
148 67.9 31.9 95.5



#93
1,2,4-Trichlorobenzene
Concen: 1.34 ug/l
RT: 13.624 min Scan# 2131
Delta R.T. -0.006 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

Tgt Ion:180 Resp: 1188
Ion Ratio Lower Upper
180 100
182 87.0 47.7 143.1
145 31.8 15.0 45.0

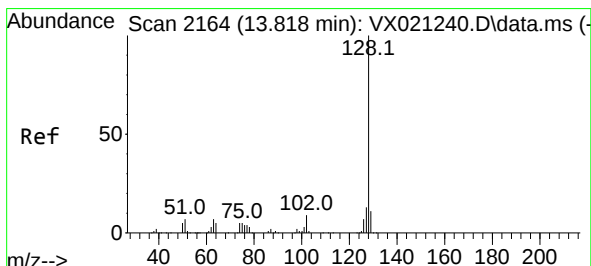
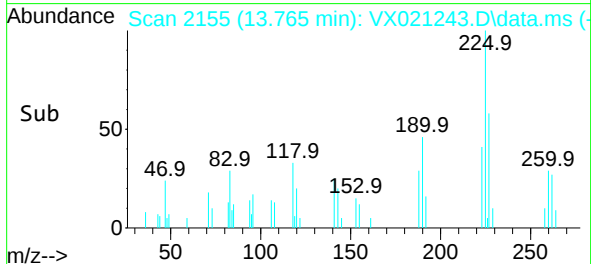
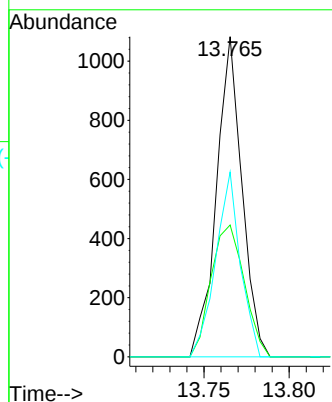
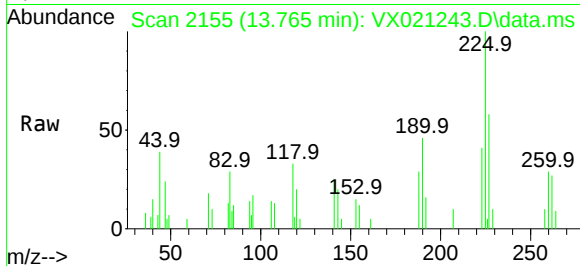




#94
Hexachlorobutadiene
Concen: 3.05 ug/l
RT: 13.765 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

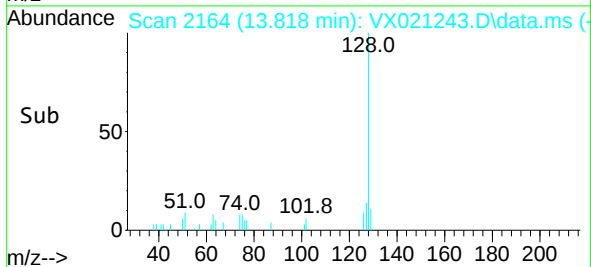
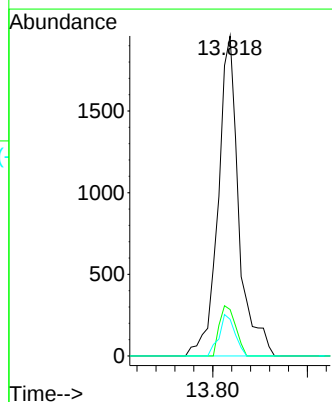
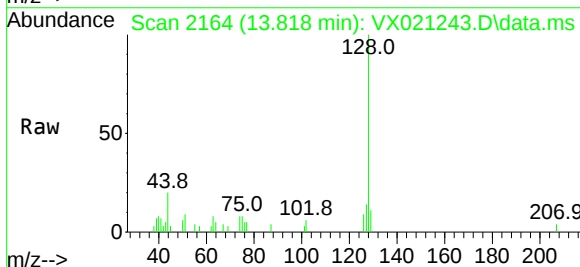
Instrument :
MSVOA_X
ClientSampled :

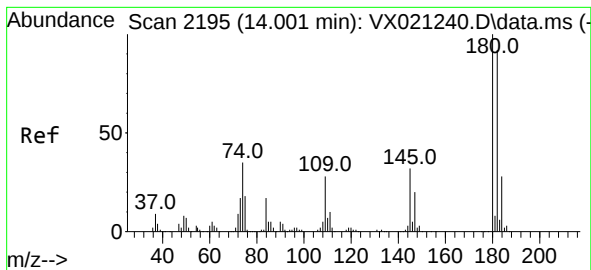
Tgt Ion:225 Resp: 1130
Ion Ratio Lower Upper
225 100
223 53.5 31.1 93.2
227 55.7 31.6 95.0



#95
Naphthalene
Concen: 0.98 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021243.D
Acq: 16 Mar 2021 12:55

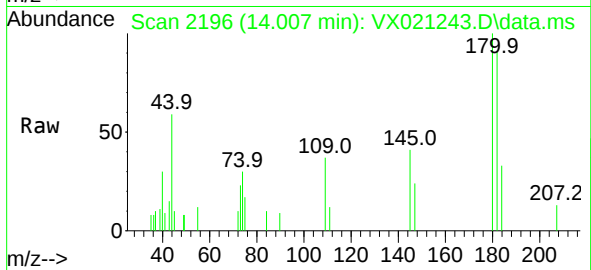
Tgt Ion:128 Resp: 2968
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 9.9 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 1.18 ug/l
 RT: 14.007 min Scan# 2196
 Delta R.T. 0.006 min
 Lab File: VX021243.D
 Acq: 16 Mar 2021 12:55

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 1041
 Ion Ratio Lower Upper
 180 100
 182 92.9 47.6 142.9
 145 35.2 16.1 48.3

