

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
 Data File : VD075635.D
 Acq On : 12 Apr 2023 12:51
 Operator : KP/SY
 Sample : VD0412SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0412SBS01

Quant Time: Apr 13 07:24:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 10:29:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	196366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	340752	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	317451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	200182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	90445	56.146	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.300%
35) Dibromofluoromethane	7.805	113	111166	55.666	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.340%
50) Toluene-d8	10.269	98	433553	55.350	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.700%
62) 4-Bromofluorobenzene	12.575	95	134192	58.233	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.460%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	28730	20.710	ug/l	97
3) Chloromethane	2.146	50	47705	19.775	ug/l	99
4) Vinyl Chloride	2.281	62	67773	20.067	ug/l	99
5) Bromomethane	2.675	94	51797	19.259	ug/l	99
6) Chloroethane	2.834	64	49409	20.855	ug/l	96
7) Trichlorofluoromethane	3.169	101	60647	21.050	ug/l	97
8) Diethyl Ether	3.593	74	17091	19.207	ug/l	69
9) 1,1,2-Trichlorotrifluo...	3.964	101	40461	21.336	ug/l	93
10) Methyl Iodide	4.158	142	43170	19.039	ug/l	91
11) Tert butyl alcohol	5.052	59	9244	121.380	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	37109	20.387	ug/l	83
13) Acrolein	3.793	56	14083	117.413	ug/l	99
14) Allyl chloride	4.558	41	34548	21.030	ug/l #	79
15) Acrylonitrile	5.252	53	35297	103.511	ug/l	97
16) Acetone	4.022	43	32253	109.883	ug/l #	78
17) Carbon Disulfide	4.269	76	91240	19.367	ug/l	97
18) Methyl Acetate	4.558	43	18999	21.447	ug/l #	70
19) Methyl tert-butyl Ether	5.316	73	75161	19.537	ug/l	94
20) Methylene Chloride	4.799	84	56427	16.473	ug/l #	73
21) trans-1,2-Dichloroethene	5.305	96	42033	19.563	ug/l #	76
22) Diisopropyl ether	6.210	45	84331	20.927	ug/l #	87
23) Vinyl Acetate	6.152	43	195625	100.087	ug/l #	87
24) 1,1-Dichloroethane	6.110	63	69083	20.759	ug/l	94
25) 2-Butanone	7.087	43	40984	107.591	ug/l #	70
26) 2,2-Dichloropropane	7.069	77	61802	20.244	ug/l	91
27) cis-1,2-Dichloroethene	7.081	96	50451	19.943	ug/l	83
28) Bromochloromethane	7.422	49	24981	21.970	ug/l #	54
29) Tetrahydrofuran	7.446	42	21745	107.798	ug/l #	55
30) Chloroform	7.599	83	79244	20.932	ug/l	98
31) Cyclohexane	7.875	56	47479	20.259	ug/l #	71
32) 1,1,1-Trichloroethane	7.793	97	65132	20.673	ug/l	95
36) 1,1-Dichloropropene	8.010	75	54610	21.412	ug/l	95
37) Ethyl Acetate	7.157	43	17161	22.380	ug/l #	87
38) Carbon Tetrachloride	7.993	117	51774	21.168	ug/l	98
39) Methylcyclohexane	9.275	83	59154	19.478	ug/l #	89
40) Benzene	8.246	78	174904	21.283	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	8993	20.837	ug/l #	70
42) 1,2-Dichloroethane	8.322	62	40518	21.220	ug/l	92
43) Isopropyl Acetate	8.357	43	32429	22.154	ug/l #	80
44) Trichloroethene	9.028	130	48356	20.088	ug/l	97
45) 1,2-Dichloropropane	9.304	63	40326	21.035	ug/l	95
46) Dibromomethane	9.393	93	25434	21.367	ug/l	97
47) Bromodichloromethane	9.581	83	60465	21.006	ug/l	97
48) Methyl methacrylate	9.375	41	13428	20.242	ug/l #	55
49) 1,4-Dioxane	9.381	88	5075	470.337	ug/l #	71
51) 4-Methyl-2-Pentanone	10.157	43	85985	109.120	ug/l #	82
52) Toluene	10.334	92	113851	20.512	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	53106	20.354	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	64474	20.323	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	37081	21.125	ug/l	94
56) Ethyl methacrylate	10.598	69	32129	18.990	ug/l #	68
57) 1,3-Dichloropropane	10.881	76	54152	20.489	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	84314	103.071	ug/l #	88
59) 2-Hexanone	10.922	43	60112	108.285	ug/l	77
60) Dibromochloromethane	11.075	129	42603	20.328	ug/l	97
61) 1,2-Dibromoethane	11.181	107	32063	19.112	ug/l	98
64) Tetrachloroethene	10.810	164	40645	21.287	ug/l	96
65) Chlorobenzene	11.604	112	127343	20.666	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	43708	20.058	ug/l	94
67) Ethyl Benzene	11.687	91	210557	20.710	ug/l	96
68) m/p-Xylenes	11.793	106	172632	41.225	ug/l	93
69) o-Xylene	12.122	106	75884	20.129	ug/l	96
70) Styrene	12.140	104	135534	20.964	ug/l	94
71) Bromoform	12.298	173	23702	21.044	ug/l #	98
73) Isopropylbenzene	12.422	105	203907	16.415	ug/l	98
74) N-amyl acetate	12.234	43	27588	15.835	ug/l #	71
75) 1,1,2,2-Tetrachloroethane	12.675	83	44691	19.234	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	51645	39.683	ug/l #	100
77) Bromobenzene	12.704	156	64842	20.680	ug/l	84
78) n-propylbenzene	12.763	91	300218	20.101	ug/l	96
79) 2-Chlorotoluene	12.851	91	163371	19.777	ug/l	89
80) 1,3,5-Trimethylbenzene	12.904	105	209493	20.592	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	11309	16.544	ug/l #	76
82) 4-Chlorotoluene	12.951	91	172533	20.134	ug/l	89
83) tert-Butylbenzene	13.169	119	175745	19.895	ug/l	93
84) 1,2,4-Trimethylbenzene	13.216	105	207800	20.226	ug/l	96
85) sec-Butylbenzene	13.345	105	286693	21.238	ug/l	96
86) p-Isopropyltoluene	13.463	119	237322	20.914	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	140448	21.451	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	137701	21.265	ug/l	97
89) n-Butylbenzene	13.787	91	193082	18.715	ug/l	98
90) Hexachloroethane	14.057	117	39208	18.266	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	97828	17.333	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.457	75	5377	18.500	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	50915	17.009	ug/l	97
94) Hexachlorobutadiene	15.210	225	23147	16.325	ug/l	98
95) Naphthalene	15.334	128	90558	15.933	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	45577	17.185	ug/l	97

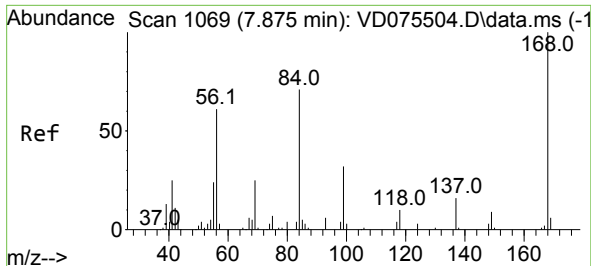
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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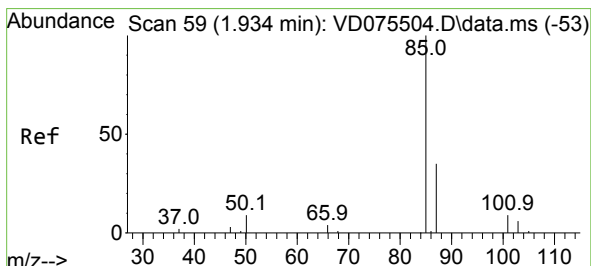
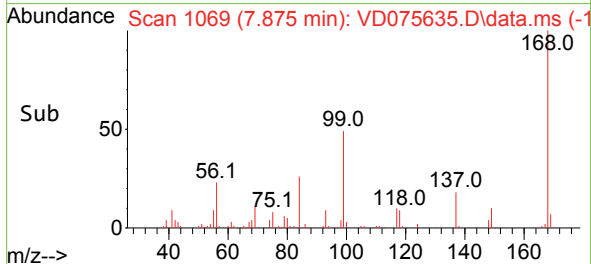
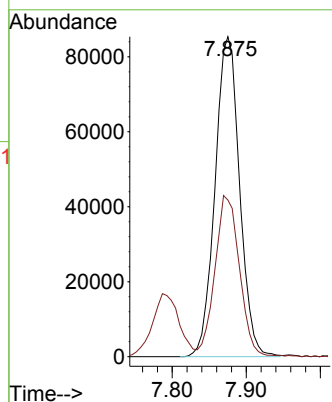
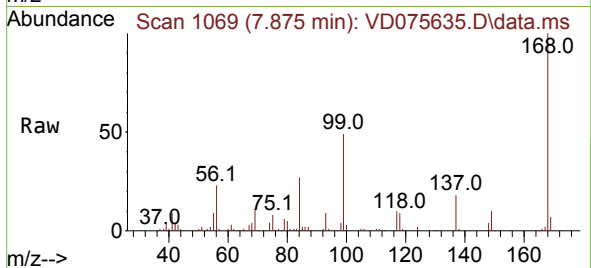
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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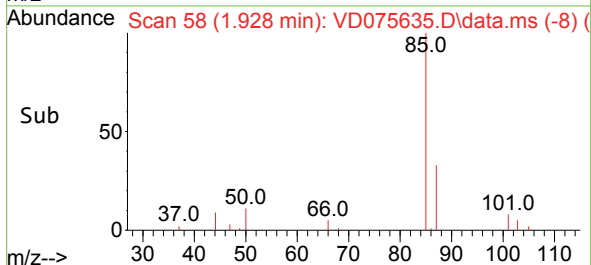
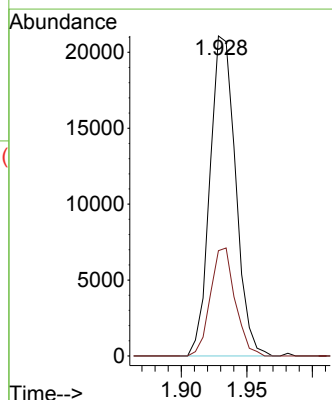
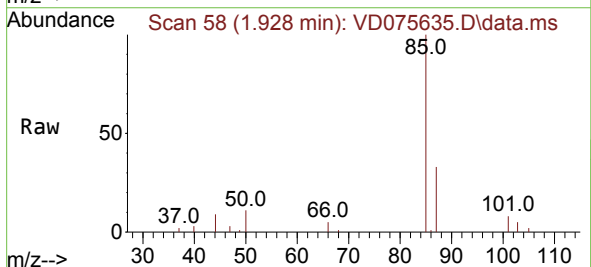
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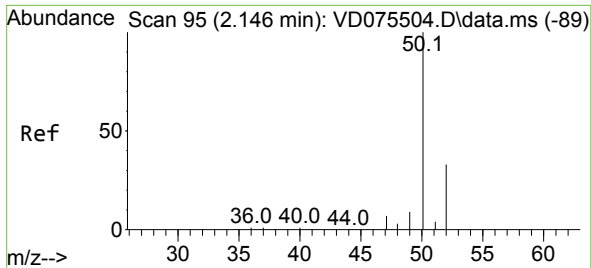
Tgt Ion:168 Resp: 196366
Ion Ratio Lower Upper
168 100
99 48.5 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 20.710 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

Tgt Ion: 85 Resp: 28730
Ion Ratio Lower Upper
85 100
87 32.9 17.3 51.7

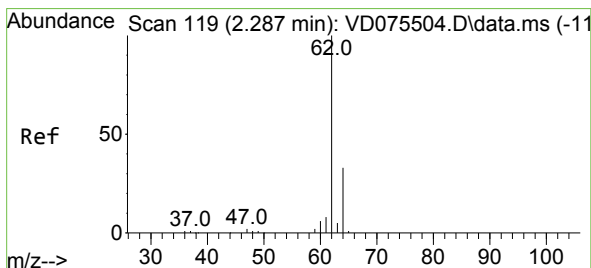
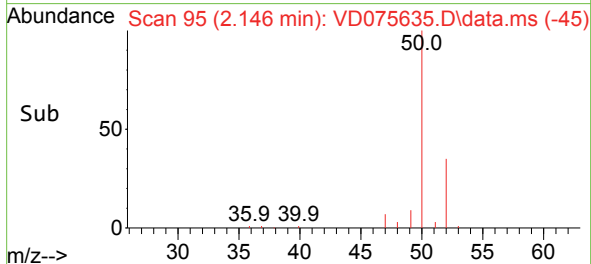
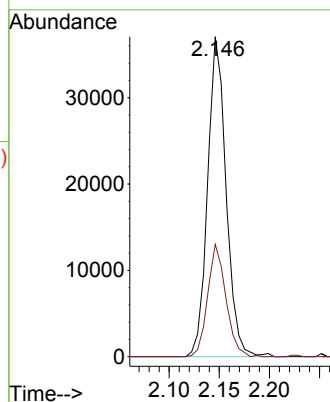
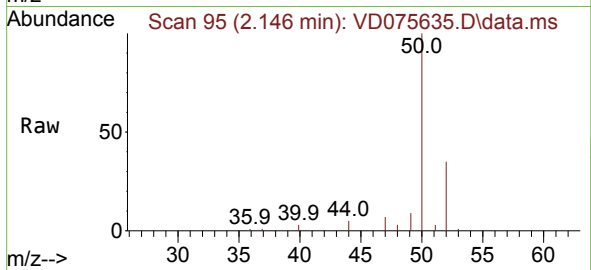




#3
Chloromethane
Concen: 19.775 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

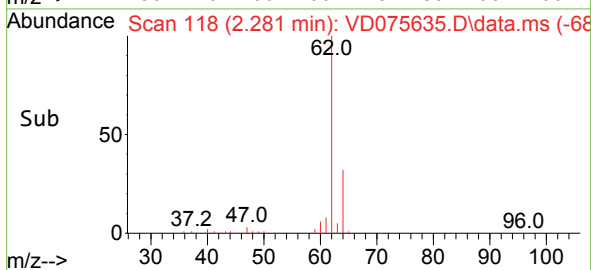
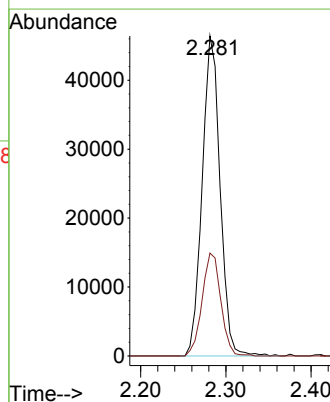
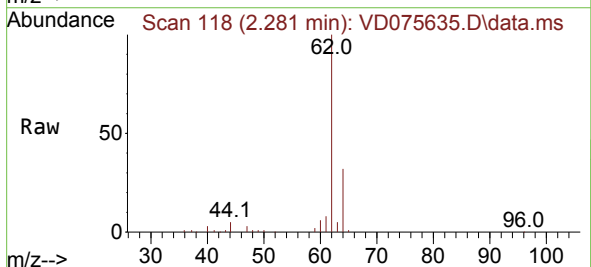
Instrument :
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ClientSampleId :
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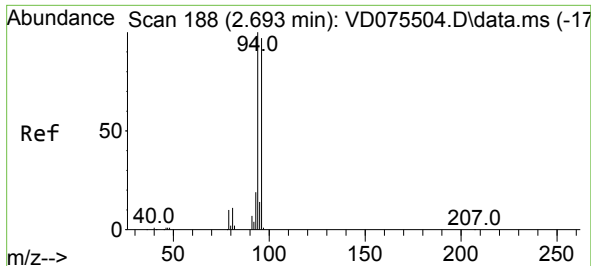
Tgt Ion: 50 Resp: 47705
Ion Ratio Lower Upper
50 100
52 35.1 27.8 41.8



#4
Vinyl Chloride
Concen: 20.067 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

Tgt Ion: 62 Resp: 67773
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0

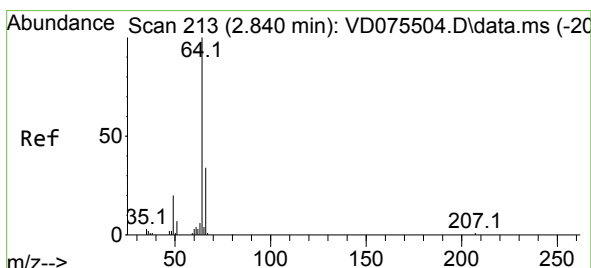
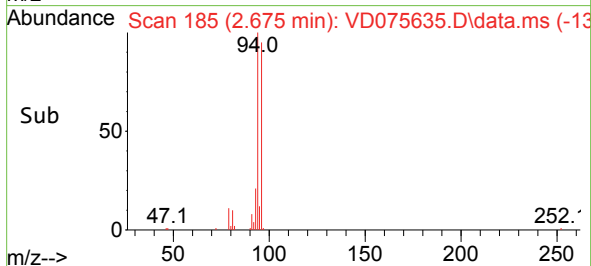
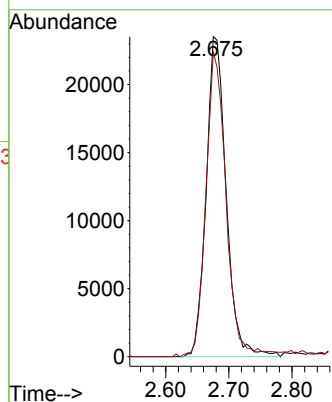
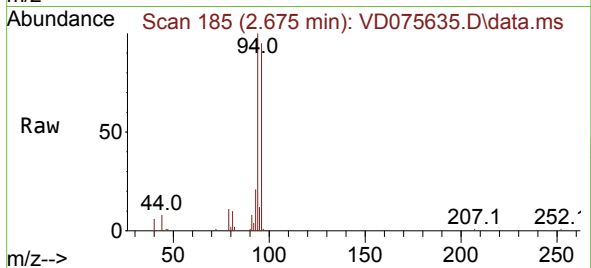




#5
Bromomethane
Concen: 19.259 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

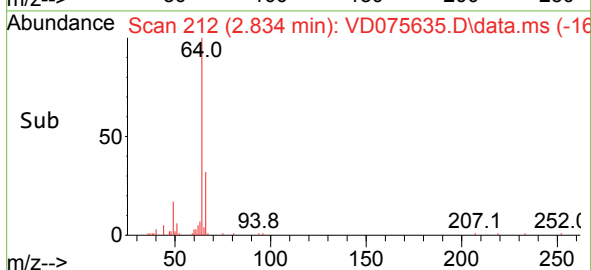
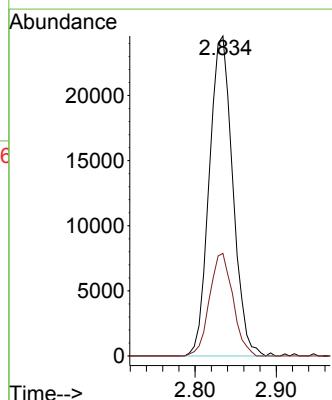
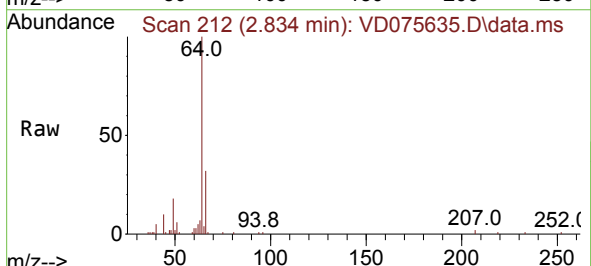
Instrument :
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ClientSampleId :
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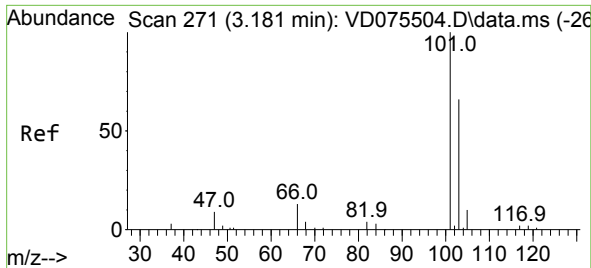
Tgt Ion: 94 Resp: 51797
Ion Ratio Lower Upper
94 100
96 96.1 77.5 116.3



#6
Chloroethane
Concen: 20.855 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

Tgt Ion: 64 Resp: 49409
Ion Ratio Lower Upper
64 100
66 32.0 27.7 41.5

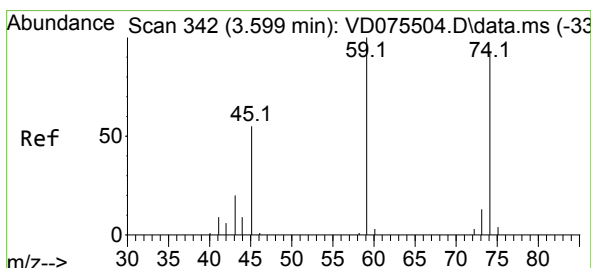
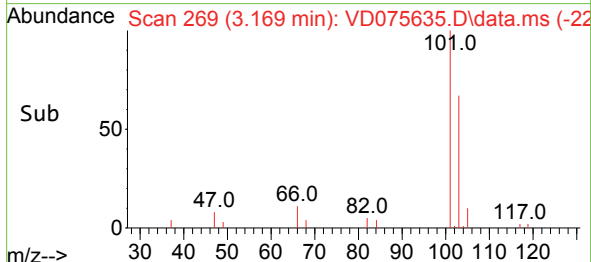
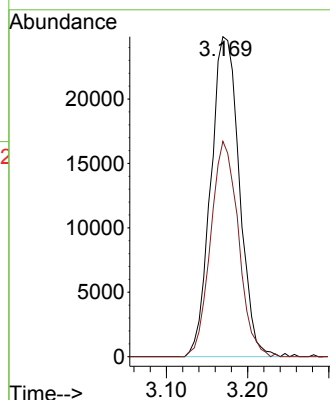
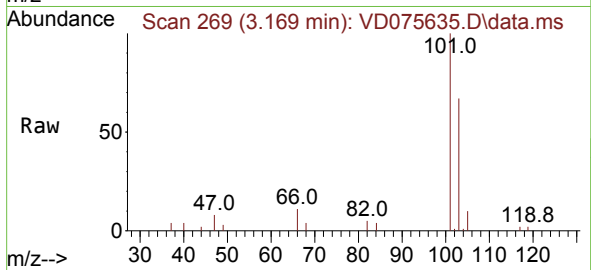




#7
Trichlorofluoromethane
Concen: 21.050 ug/l
RT: 3.169 min Scan# 210
Delta R.T. -0.012 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

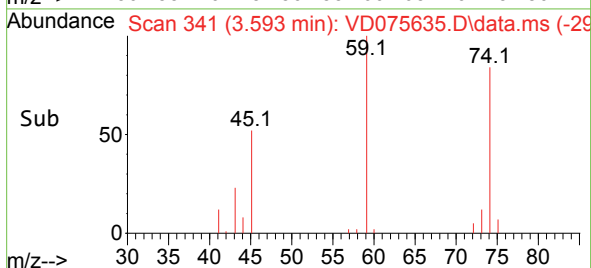
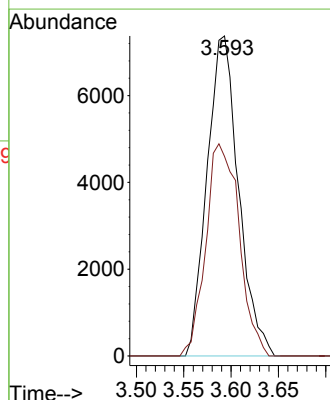
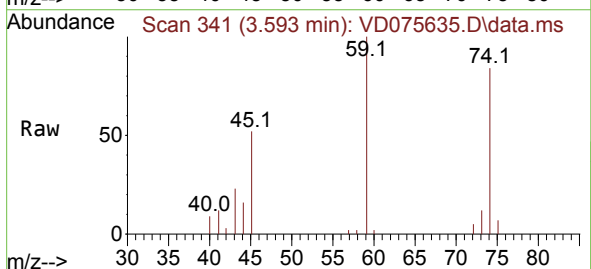
Instrument :
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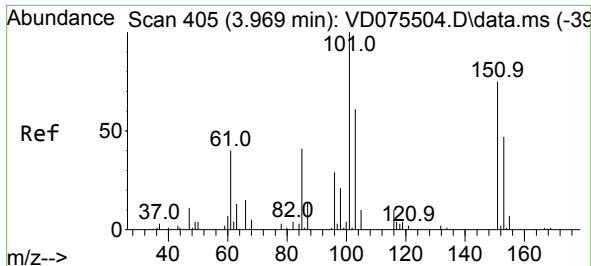
Tgt Ion:101 Resp: 60647
Ion Ratio Lower Upper
101 100
103 67.3 51.9 77.9



#8
Diethyl Ether
Concen: 19.207 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

Tgt Ion: 74 Resp: 17091
Ion Ratio Lower Upper
74 100
45 70.0 50.9 152.7

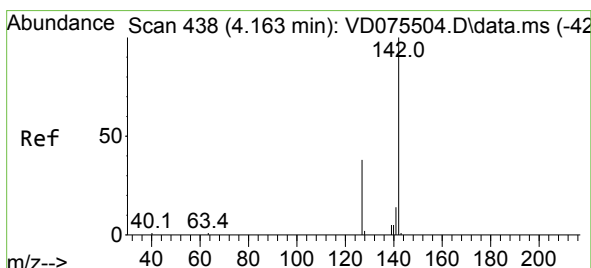
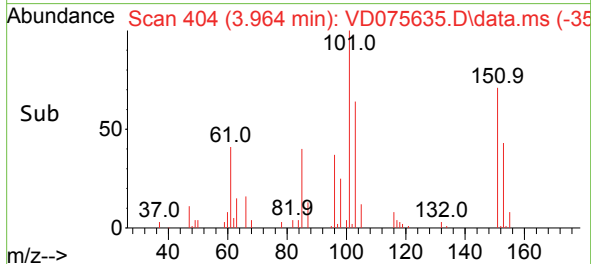
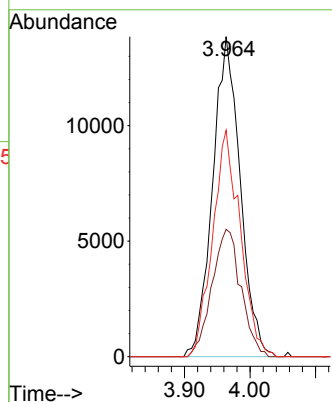
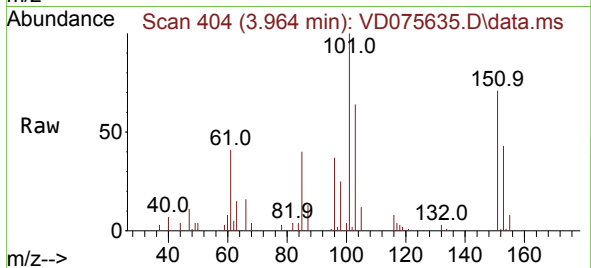




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.336 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD075635.D
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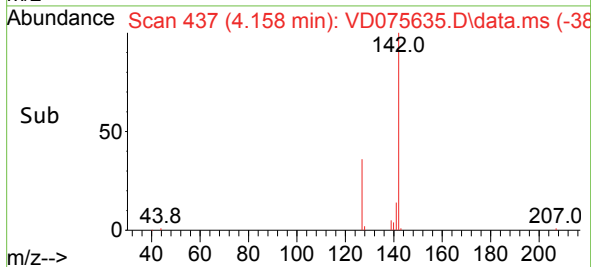
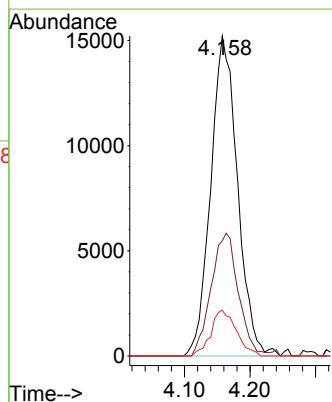
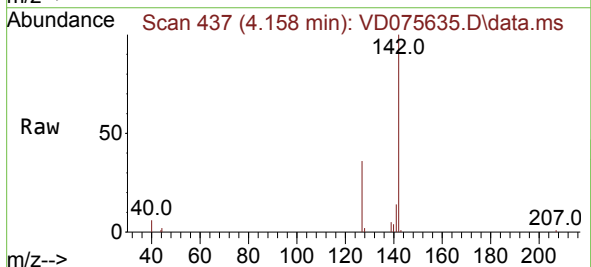
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

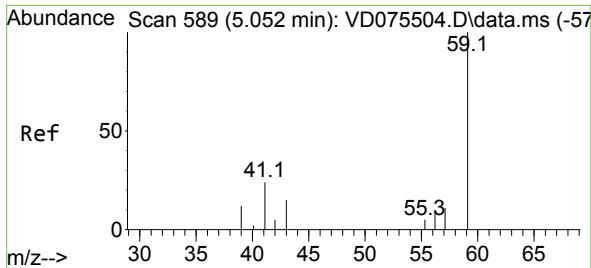
Tgt Ion:101 Resp: 40461
Ion Ratio Lower Upper
101 100
85 41.8 38.3 57.5
151 70.9 60.4 90.6



#10
Methyl Iodide
Concen: 19.039 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

Tgt Ion:142 Resp: 43170
Ion Ratio Lower Upper
142 100
127 39.0 37.1 55.7
141 13.6 11.3 16.9

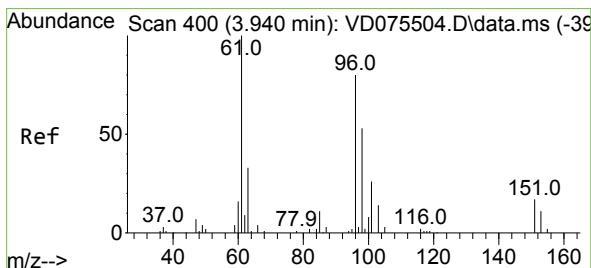
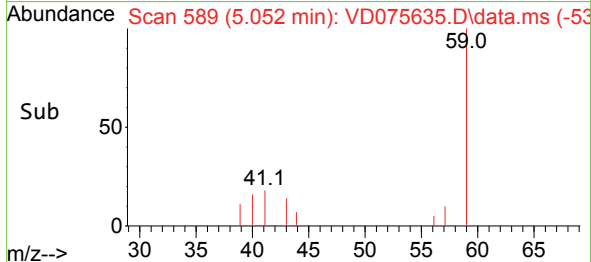
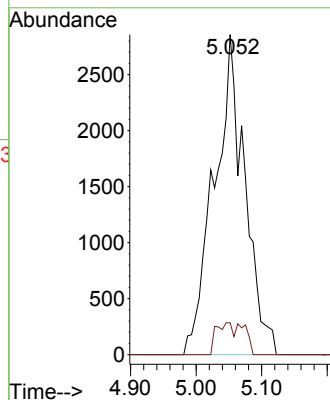
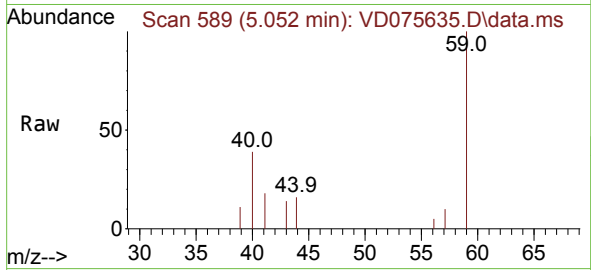




#11
Tert butyl alcohol
Concen: 121.380 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

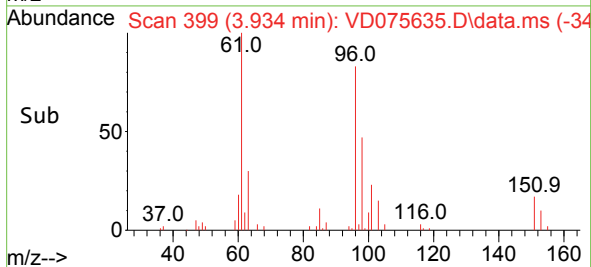
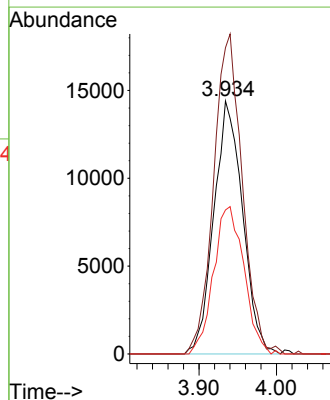
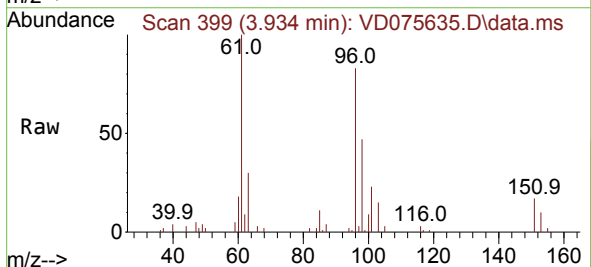
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

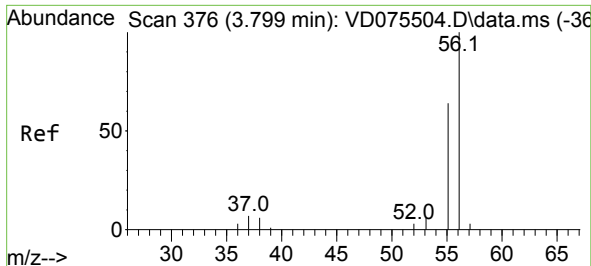
Tgt Ion: 59 Resp: 9244
Ion Ratio Lower Upper
59 100
57 5.5 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 20.387 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

Tgt Ion: 96 Resp: 37109
Ion Ratio Lower Upper
96 100
61 121.0 118.6 177.8
98 56.9 49.7 74.5





#13

Acrolein

Concen: 117.413 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD075635.D

Acq: 12 Apr 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

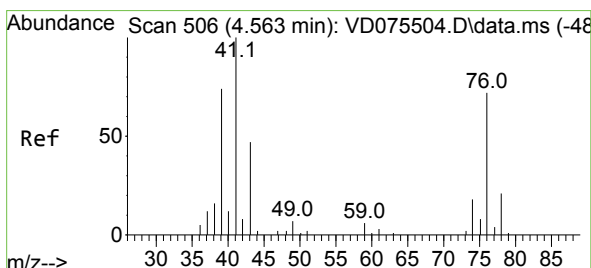
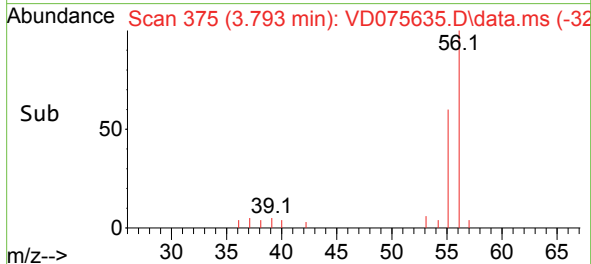
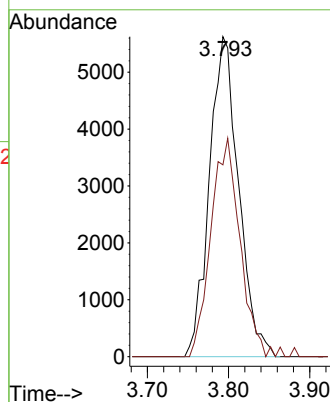
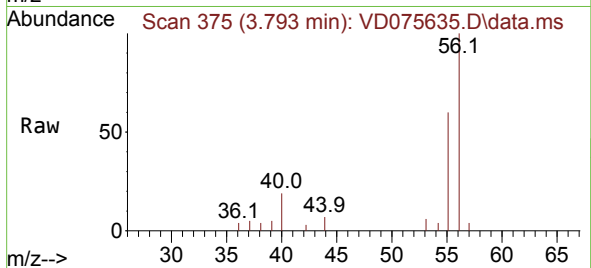
VD0412SBS01

Tgt Ion: 56 Resp: 14083

Ion Ratio Lower Upper

56 100

55 68.2 53.9 80.9



#14

Allyl chloride

Concen: 21.030 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD075635.D

Acq: 12 Apr 2023 12:51

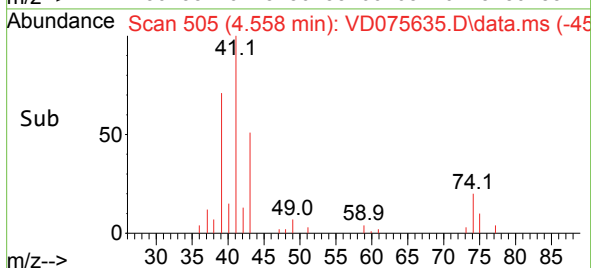
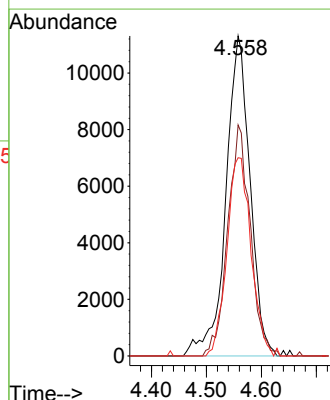
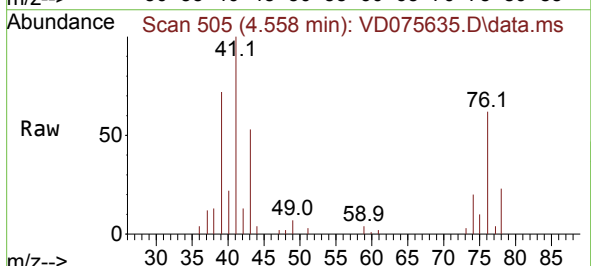
Tgt Ion: 41 Resp: 34548

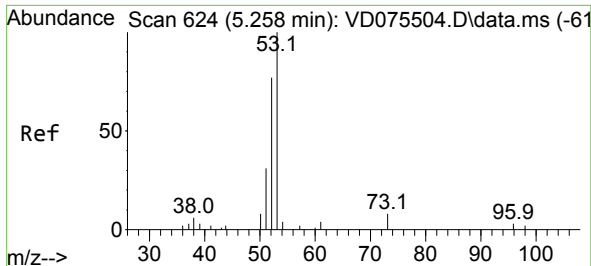
Ion Ratio Lower Upper

41 100

39 67.2 60.6 90.8

76 62.0 28.6 43.0#





#15

Acrylonitrile

Concen: 103.511 ug/l

RT: 5.252 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD075635.D

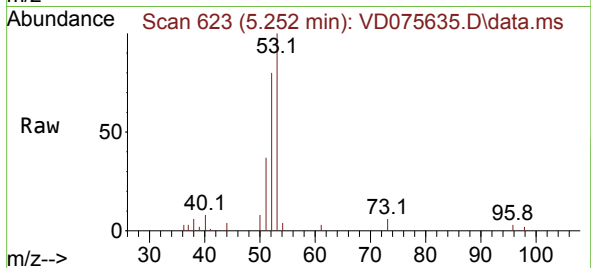
Acq: 12 Apr 2023 12:51

Instrument :

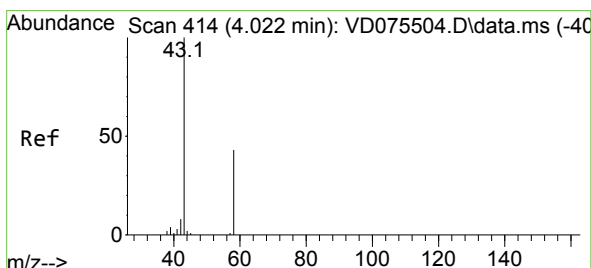
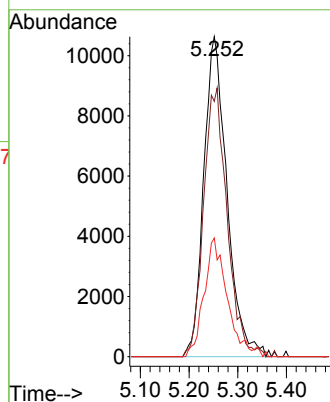
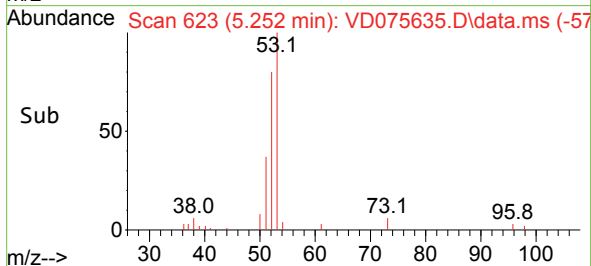
MSVOA_D

ClientSampleId :

VD0412SBS01



Tgt Ion:	53	Resp:	35297
Ion	Ratio	Lower	Upper
53	100		
52	85.0	66.2	99.4
51	36.3	30.7	46.1



#16

Acetone

Concen: 109.883 ug/l

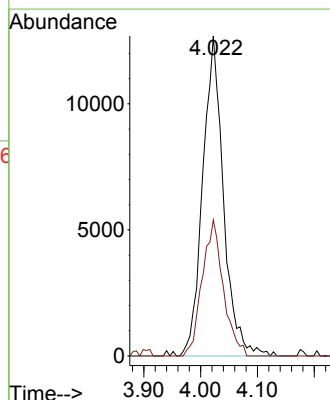
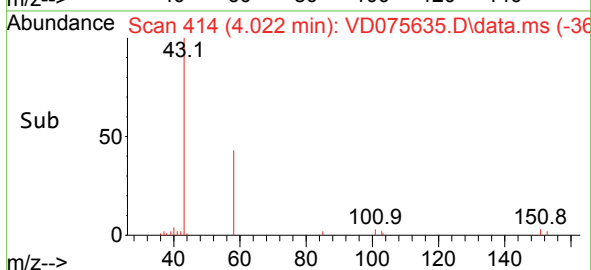
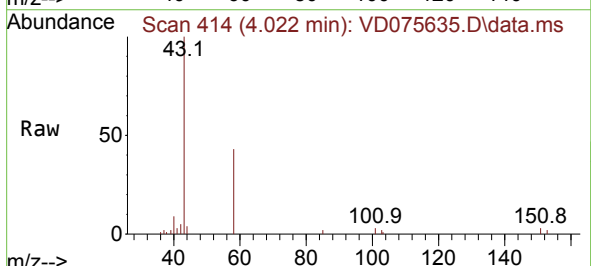
RT: 4.022 min Scan# 414

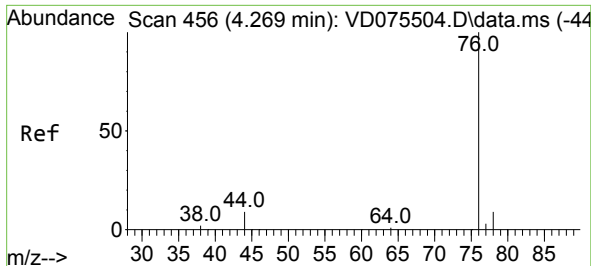
Delta R.T. 0.000 min

Lab File: VD075635.D

Acq: 12 Apr 2023 12:51

Tgt Ion:	43	Resp:	32253
Ion	Ratio	Lower	Upper
43	100		
58	42.5	24.4	36.6

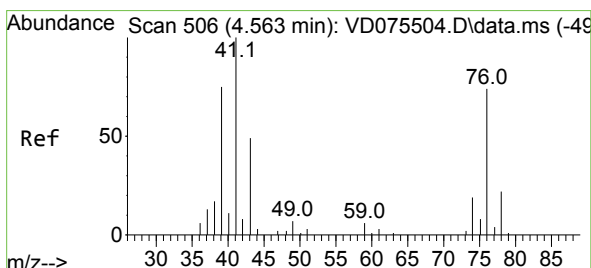
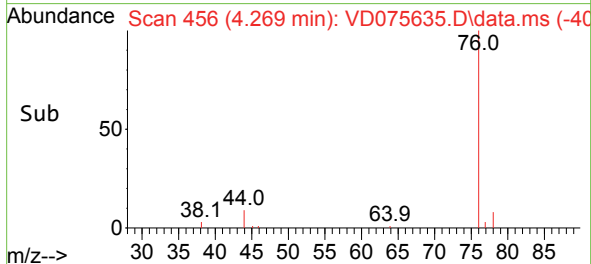
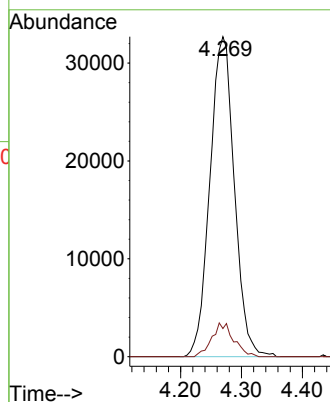
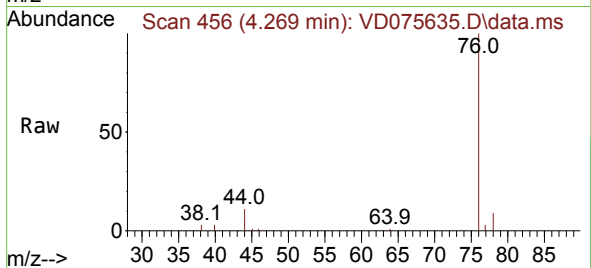




#17
Carbon Disulfide
Concen: 19.367 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

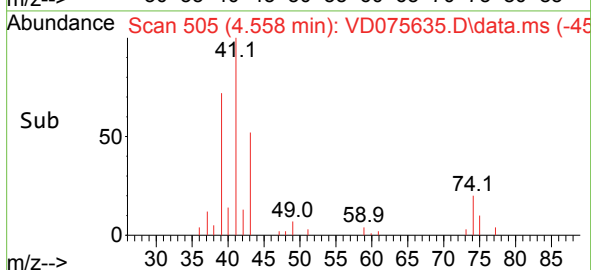
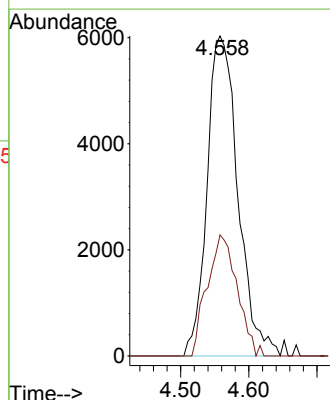
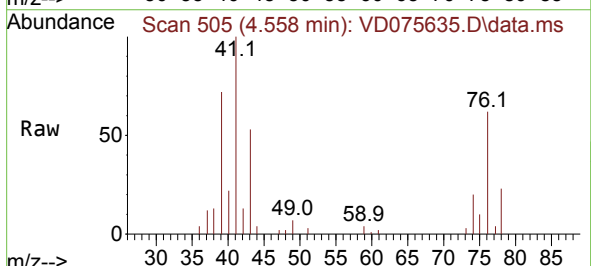
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

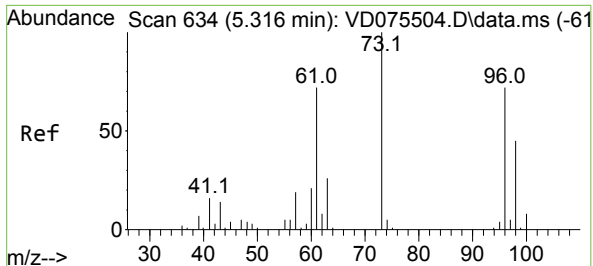
Tgt Ion: 76 Resp: 91240
Ion Ratio Lower Upper
76 100
78 8.8 8.0 12.0



#18
Methyl Acetate
Concen: 21.447 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.011 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

Tgt Ion: 43 Resp: 18999
Ion Ratio Lower Upper
43 100
74 36.7 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 19.537 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD075635.D

Acq: 12 Apr 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

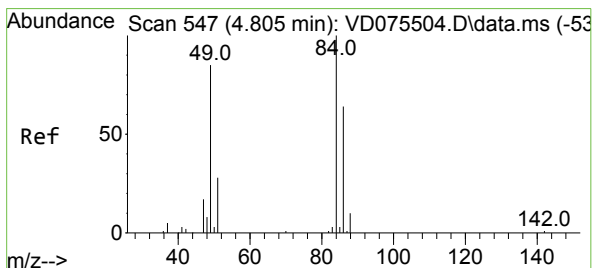
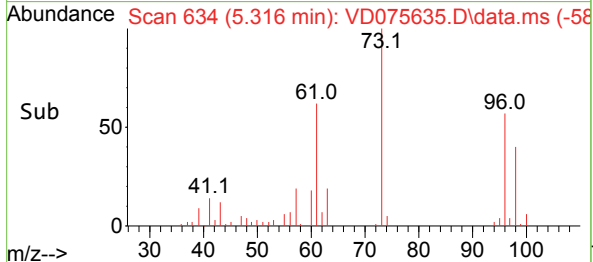
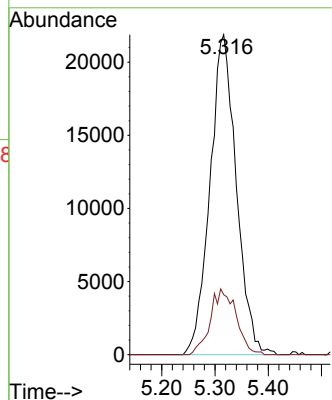
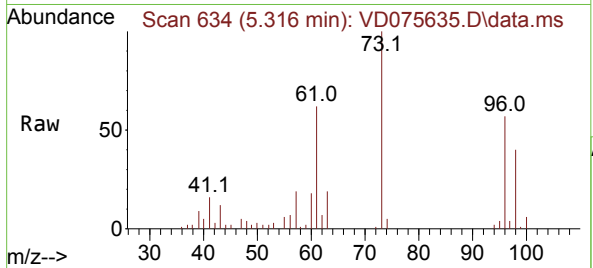
VD0412SBS01

Tgt Ion: 73 Resp: 75161

Ion Ratio Lower Upper

73 100

57 18.7 17.2 25.8



#20

Methylene Chloride

Concen: 16.473 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD075635.D

Acq: 12 Apr 2023 12:51

Tgt Ion: 84 Resp: 56427

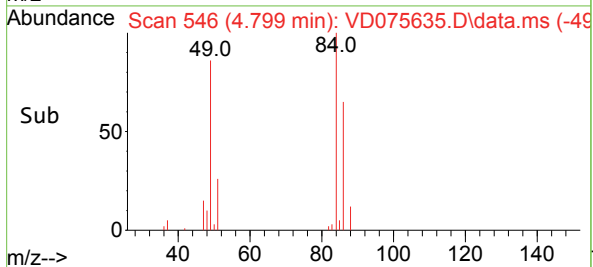
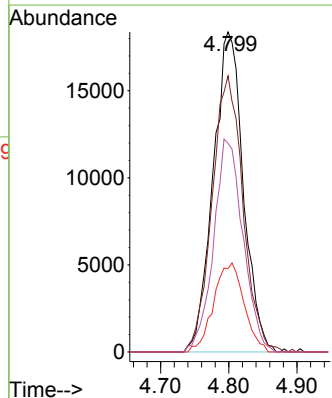
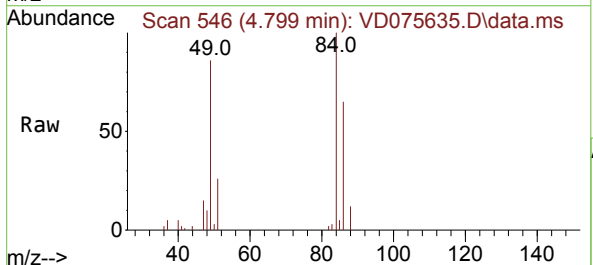
Ion Ratio Lower Upper

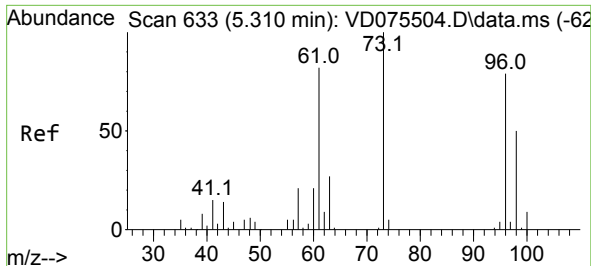
84 100

49 86.2 106.4 159.6#

51 26.1 32.4 48.6#

86 65.2 50.9 76.3

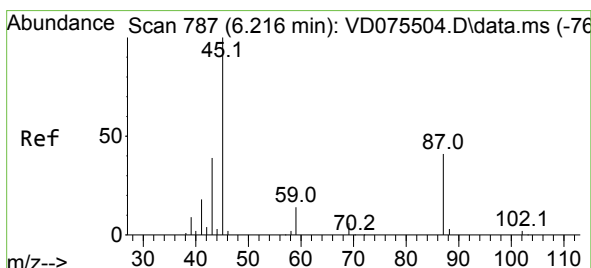
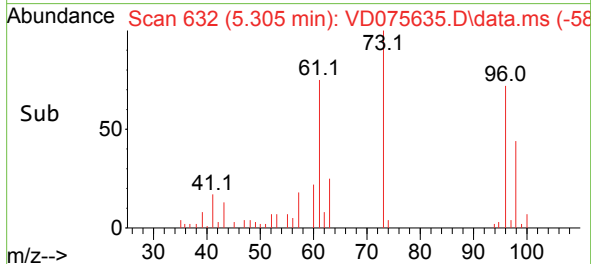
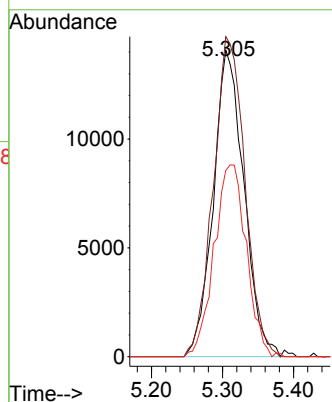
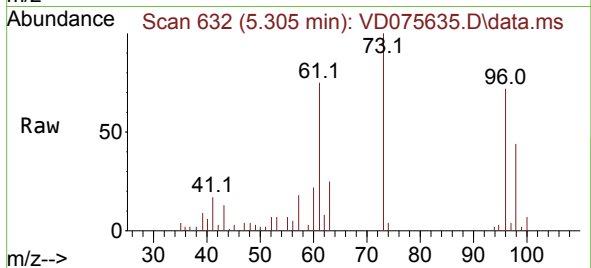




#21
trans-1,2-Dichloroethene
Concen: 19.563 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

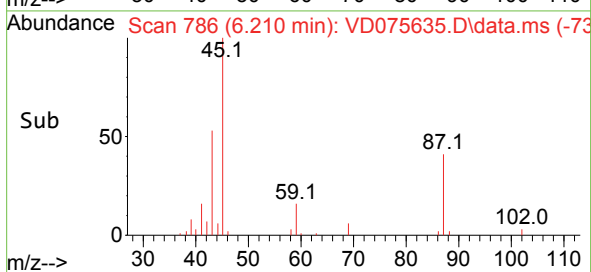
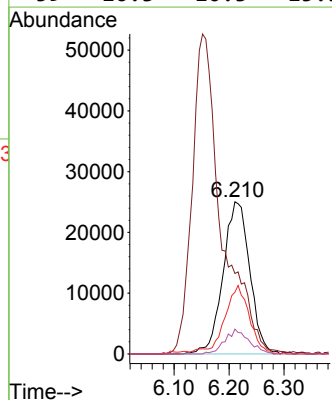
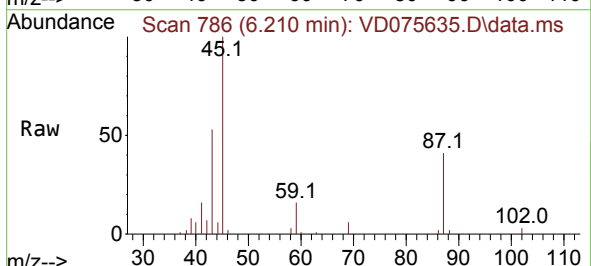
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

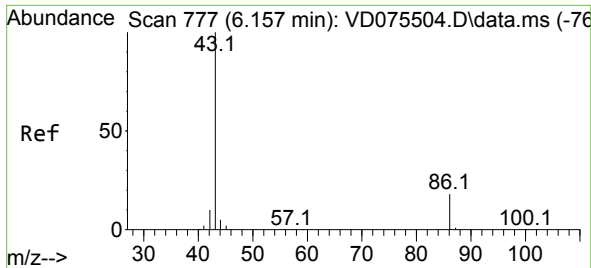
Tgt Ion: 96 Resp: 42033
Ion Ratio Lower Upper
96 100
61 104.4 117.2 175.8#
98 60.7 50.6 76.0



#22
Diisopropyl ether
Concen: 20.927 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

Tgt Ion: 45 Resp: 84331
Ion Ratio Lower Upper
45 100
43 51.1 44.4 66.6
87 40.6 20.9 31.3#
59 16.3 10.3 15.5#

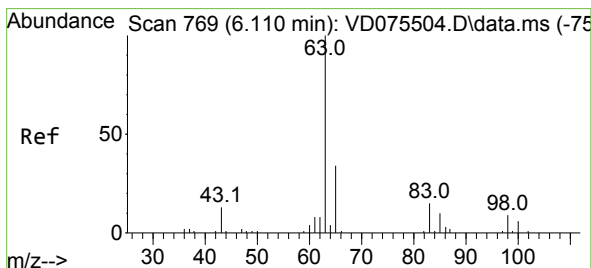
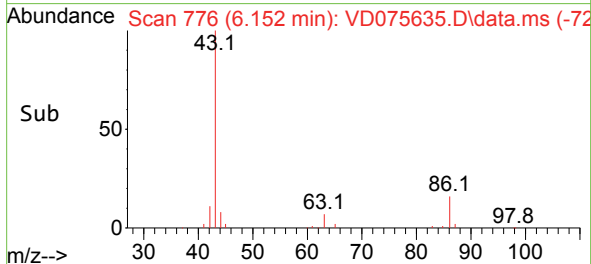
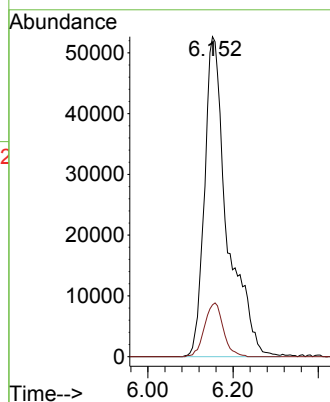
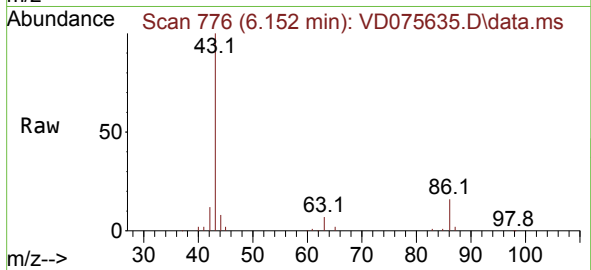




#23
 Vinyl Acetate
 Concen: 100.087 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD075635.D
 Acq: 12 Apr 2023 12:51

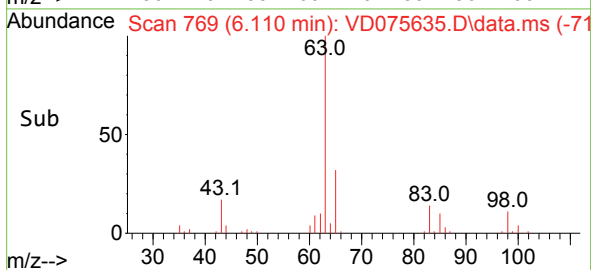
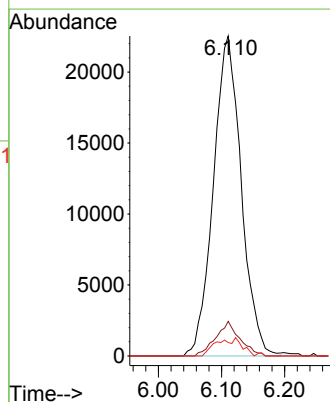
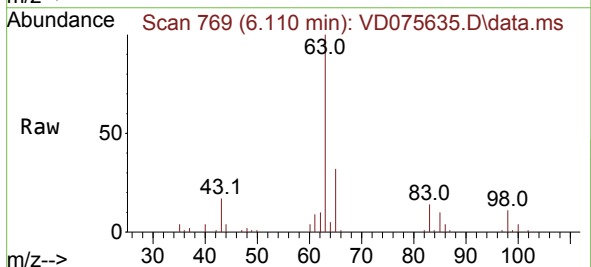
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0412SBS01

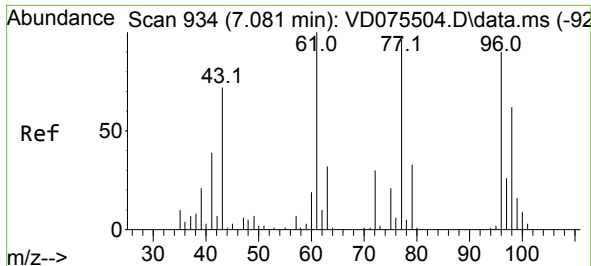
Tgt Ion: 43 Resp: 195625
 Ion Ratio Lower Upper
 43 100
 86 16.2 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 20.759 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.001 min
 Lab File: VD075635.D
 Acq: 12 Apr 2023 12:51

Tgt Ion: 63 Resp: 69083
 Ion Ratio Lower Upper
 63 100
 98 10.8 3.9 11.7
 100 4.2 2.0 6.0

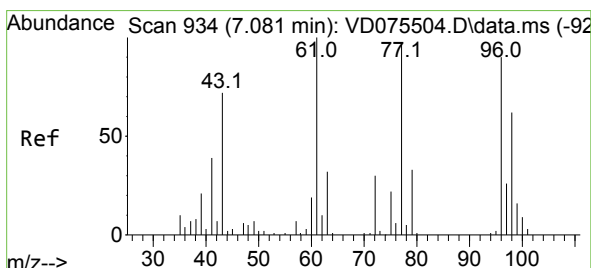
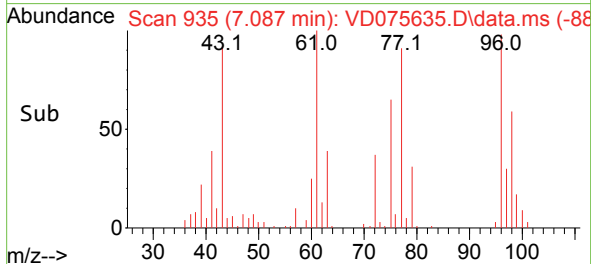
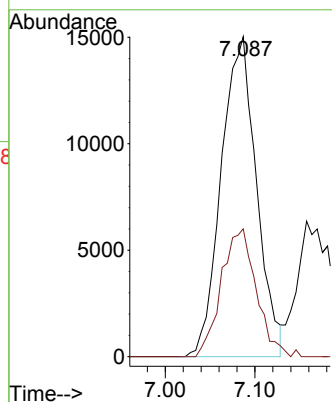
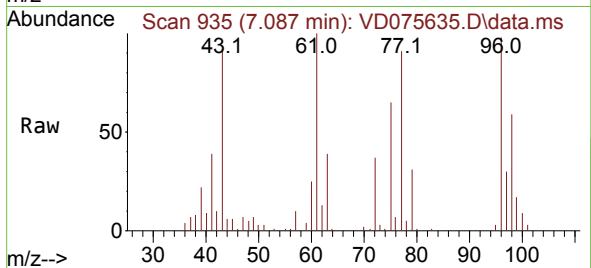




#25
2-Butanone
Concen: 107.591 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

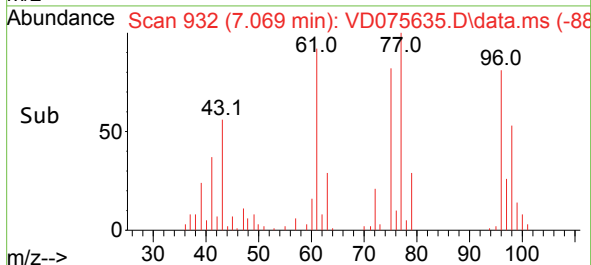
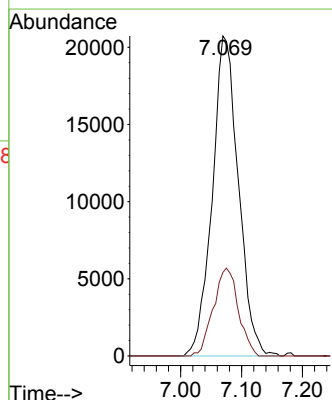
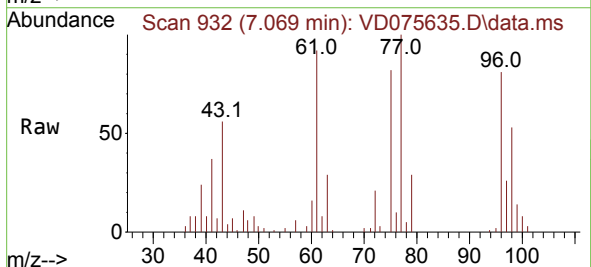
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

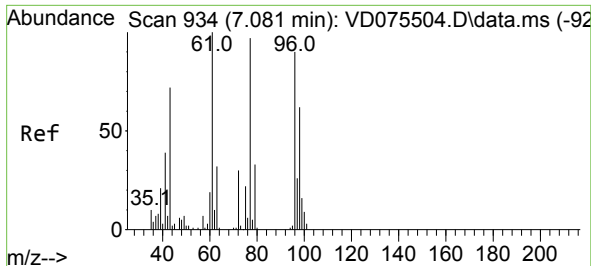
Tgt Ion: 43 Resp: 40984
Ion Ratio Lower Upper
43 100
72 39.9 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 20.244 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

Tgt Ion: 77 Resp: 61802
Ion Ratio Lower Upper
77 100
97 26.2 11.1 33.1

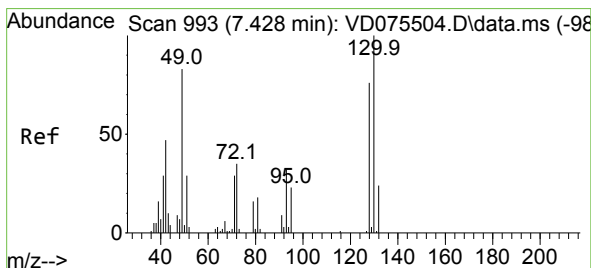
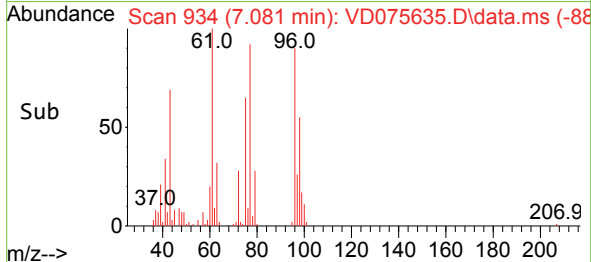
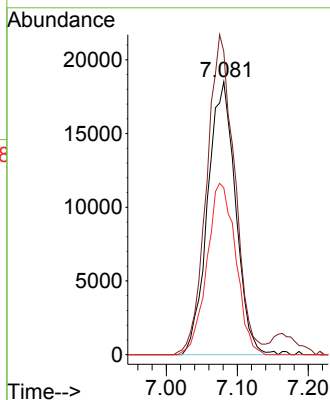
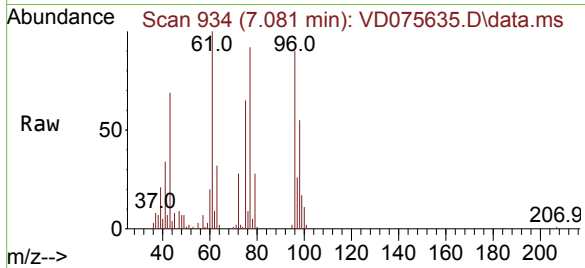




#27
 cis-1,2-Dichloroethene
 Concen: 19.943 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD075635.D
 Acq: 12 Apr 2023 12:51

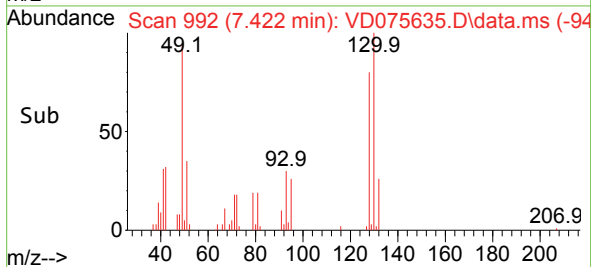
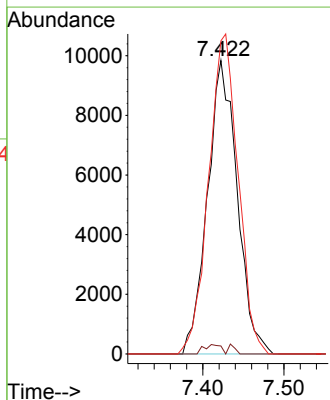
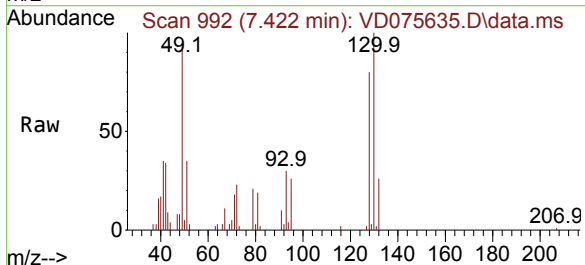
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0412SBS01

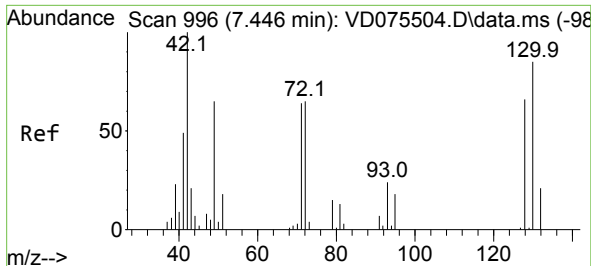
Tgt Ion	Ratio	Lower	Upper
96	100		
61	117.2	0.0	295.2
98	64.8	0.0	129.2



#28
 Bromochloromethane
 Concen: 21.970 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD075635.D
 Acq: 12 Apr 2023 12:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	2.2
130	108.4	56.0	84.0#

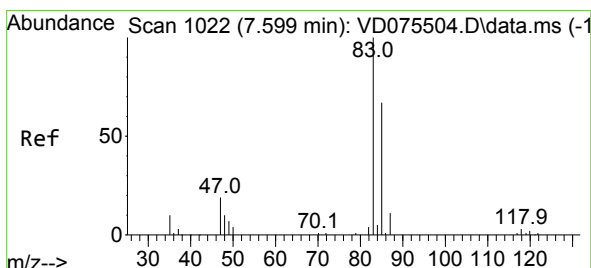
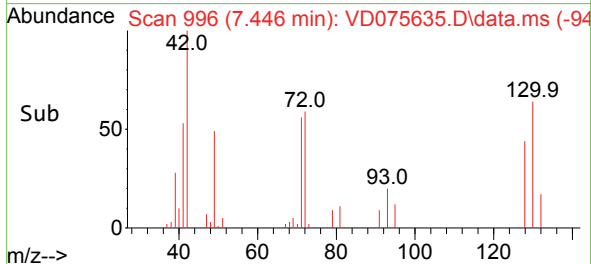
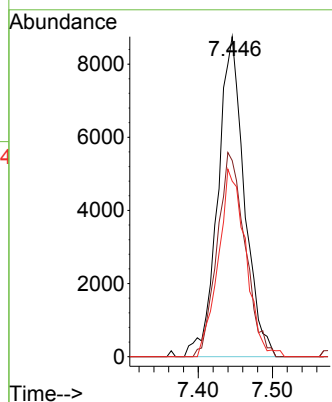
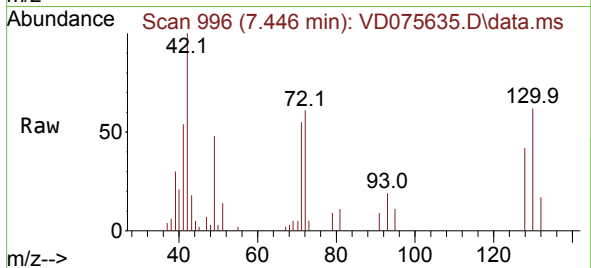




#29
Tetrahydrofuran
Concen: 107.798 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

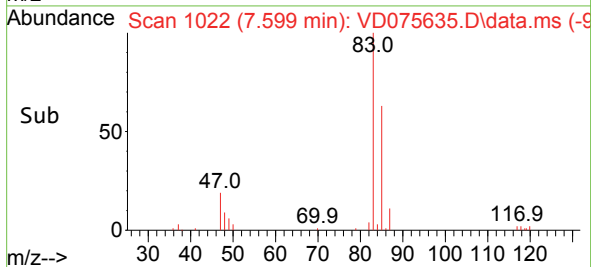
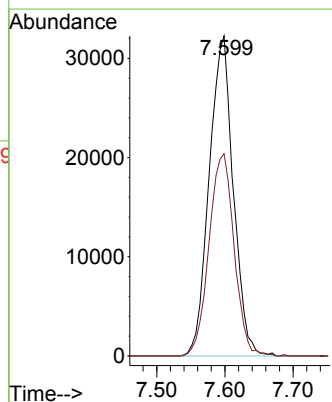
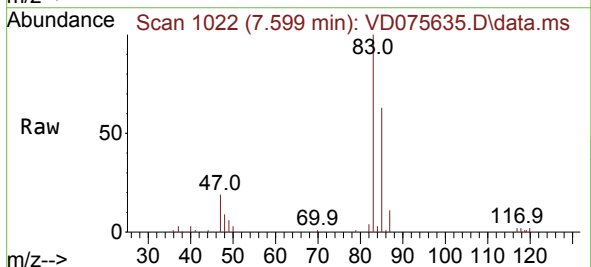
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

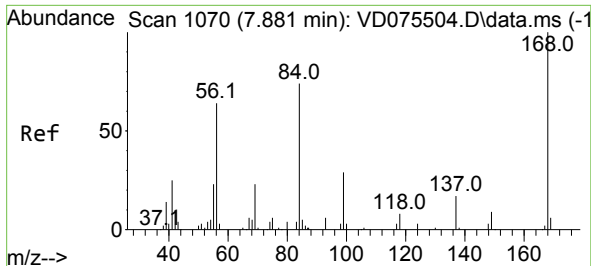
Tgt Ion: 42 Resp: 21745
Ion Ratio Lower Upper
42 100
72 67.3 31.8 47.6#
71 60.7 27.6 41.4#



#30
Chloroform
Concen: 20.932 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

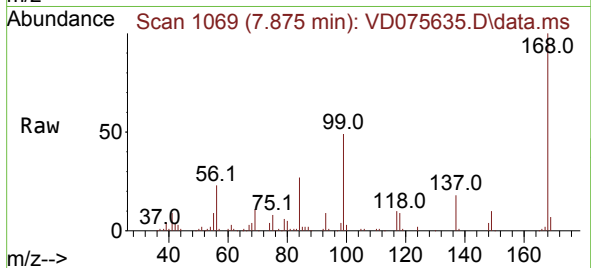
Tgt Ion: 83 Resp: 79244
Ion Ratio Lower Upper
83 100
85 63.2 49.4 74.2



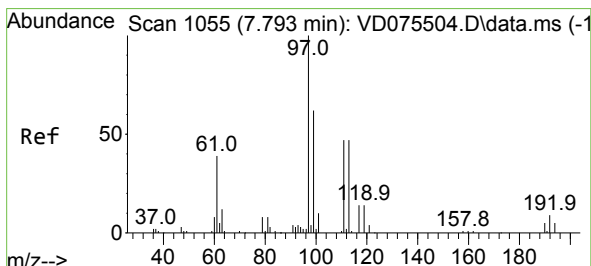
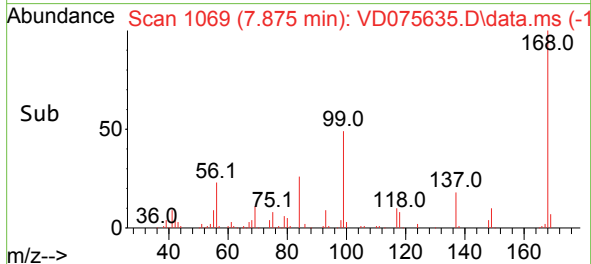
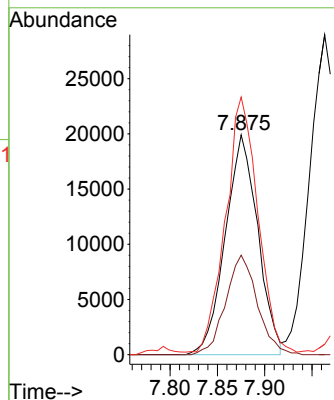


#31
Cyclohexane
Concen: 20.259 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

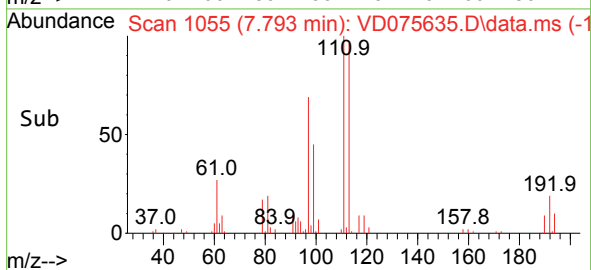
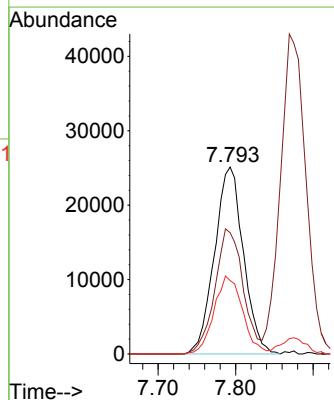
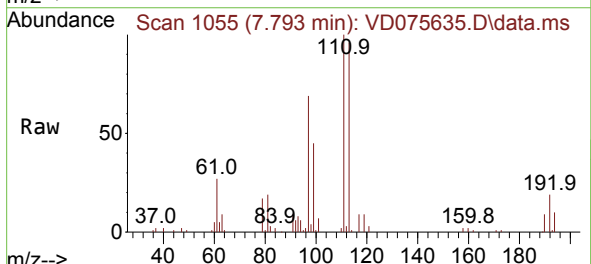


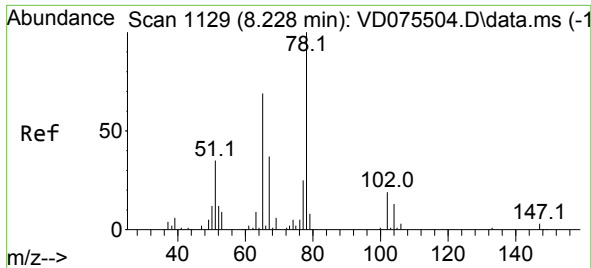
Tgt Ion: 56 Resp: 47479
Ion Ratio Lower Upper
56 100
69 45.3 25.5 38.3#
84 115.9 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 20.673 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

Tgt Ion: 97 Resp: 65132
Ion Ratio Lower Upper
97 100
99 65.6 50.5 75.7
61 41.0 36.6 55.0

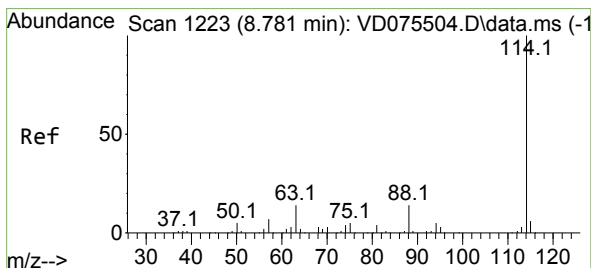
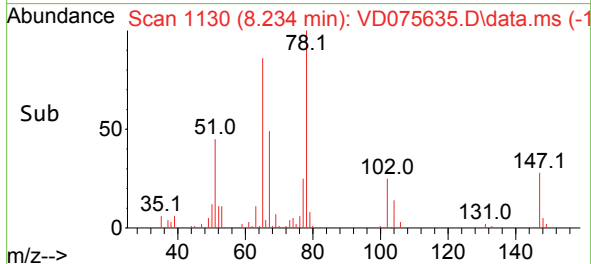
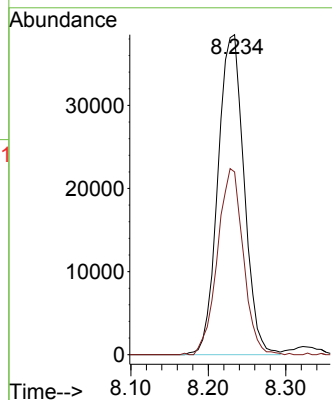
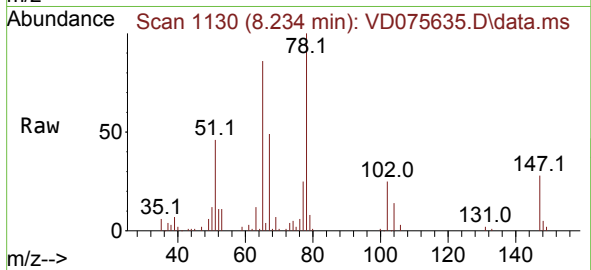




#33
 1,2-Dichloroethane-d4
 Concen: 56.146 ug/l
 RT: 8.234 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VD075635.D
 Acq: 12 Apr 2023 12:51

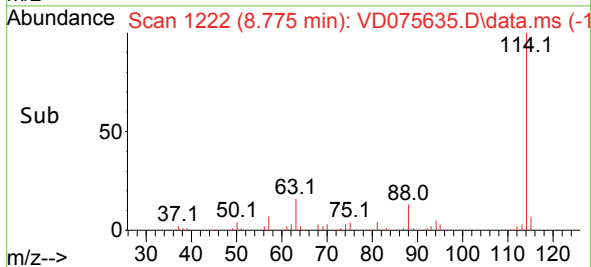
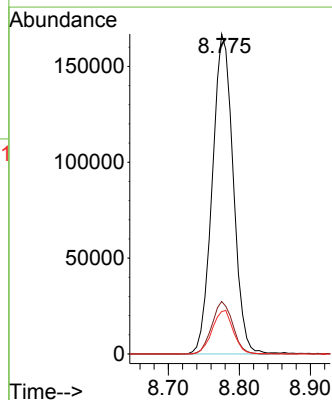
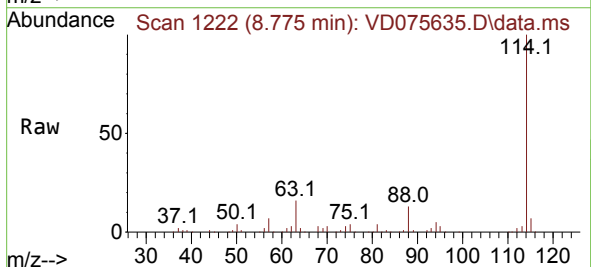
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0412SBS01

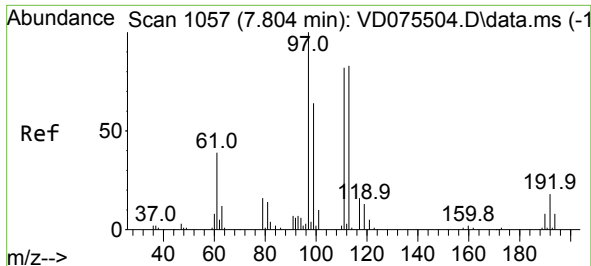
Tgt Ion: 65 Resp: 90445
 Ion Ratio Lower Upper
 65 100
 67 57.4 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.006 min
 Lab File: VD075635.D
 Acq: 12 Apr 2023 12:51

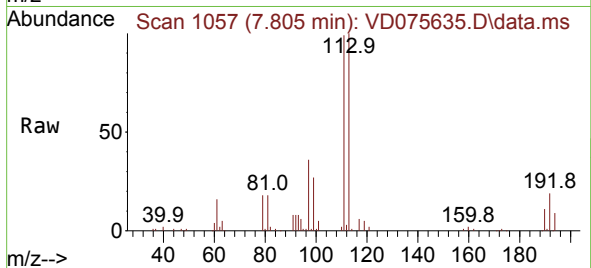
Tgt Ion: 114 Resp: 340752
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 41.6
 88 13.3 0.0 30.6



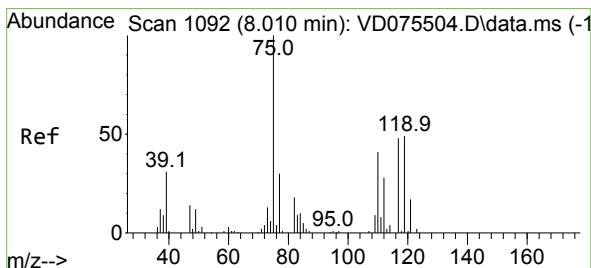
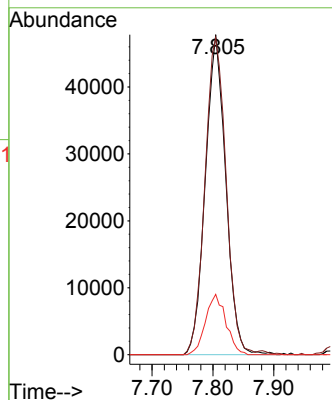
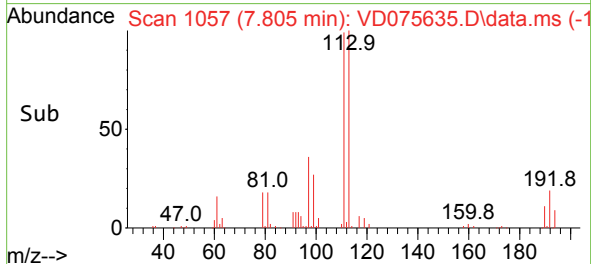


#35
Dibromofluoromethane
Concen: 55.666 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

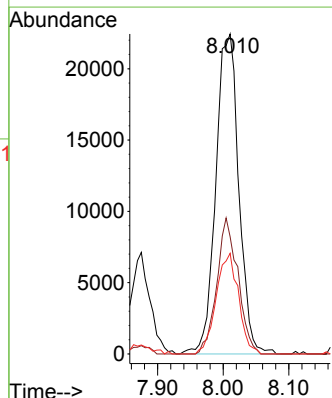
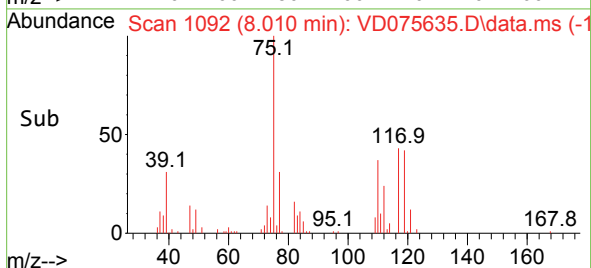
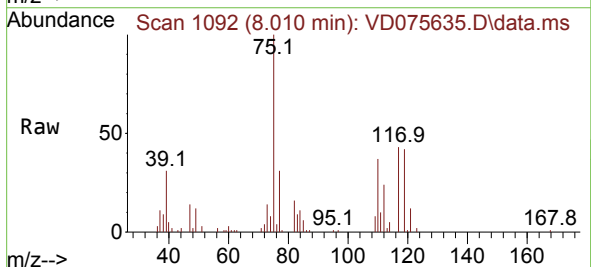


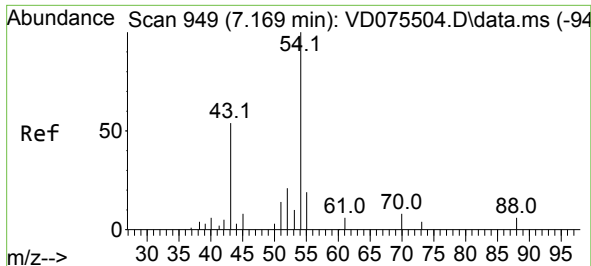
Tgt Ion:113 Resp: 111166
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 18.9 15.2 22.8



#36
1,1-Dichloropropene
Concen: 21.412 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.005 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

Tgt Ion: 75 Resp: 54610
Ion Ratio Lower Upper
75 100
110 38.9 17.1 51.2
77 30.5 24.6 36.8





#37

Ethyl Acetate

Concen: 22.380 ug/l

RT: 7.157 min Scan# 94

Delta R.T. -0.011 min

Lab File: VD075635.D

Acq: 12 Apr 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0412SBS01

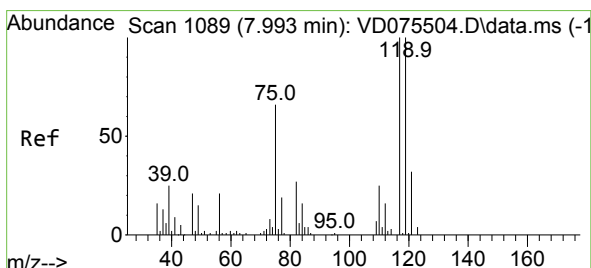
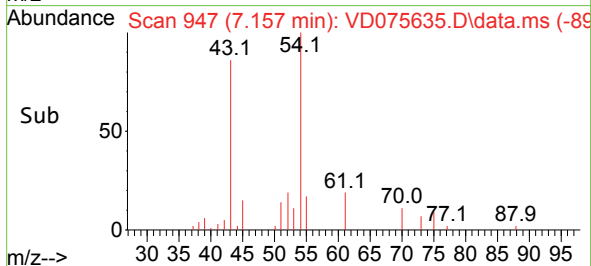
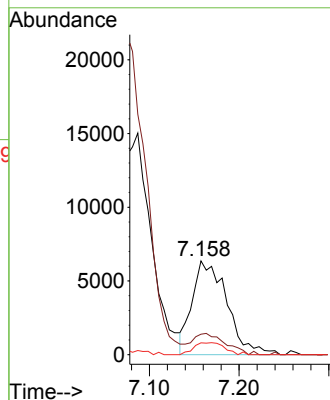
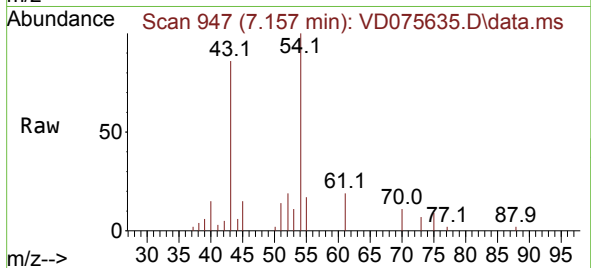
Tgt Ion: 43 Resp: 17161

Ion Ratio Lower Upper

43 100

61 21.4 0.0 0.0#

70 11.5 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 21.168 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD075635.D

Acq: 12 Apr 2023 12:51

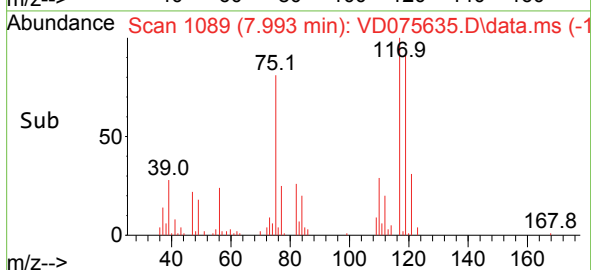
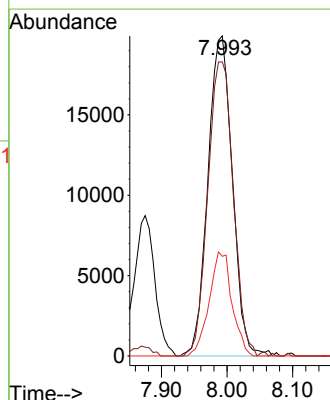
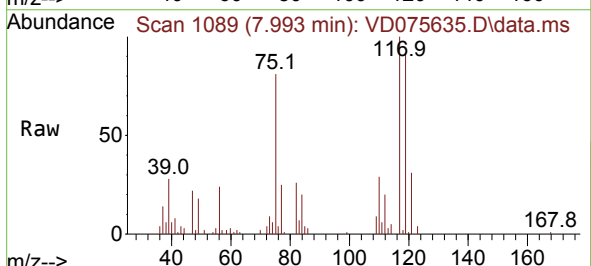
Tgt Ion: 117 Resp: 51774

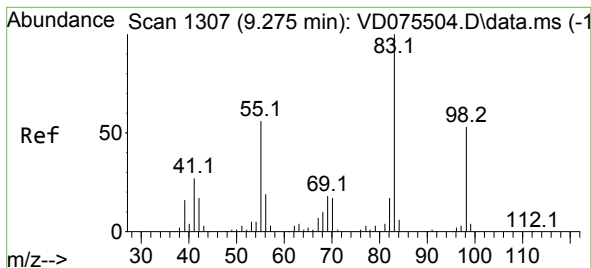
Ion Ratio Lower Upper

117 100

119 91.9 74.7 112.1

121 31.1 25.9 38.9





#39

Methylcyclohexane

Concen: 19.478 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD075635.D

Acq: 12 Apr 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0412SBS01

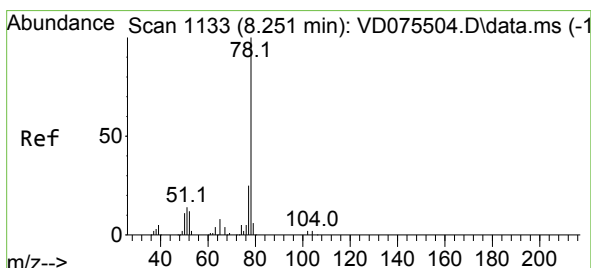
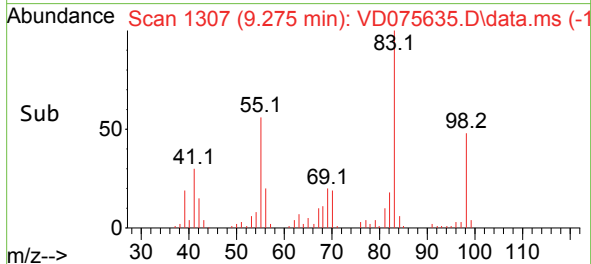
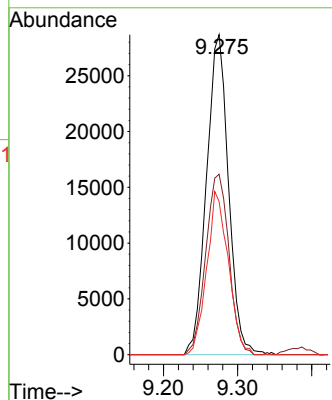
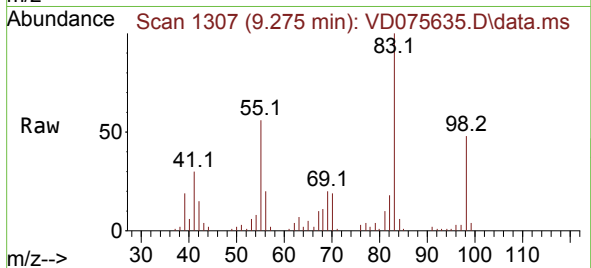
Tgt Ion: 83 Resp: 59154

Ion Ratio Lower Upper

83 100

55 56.4 56.8 85.2#

98 47.9 38.9 58.3



#40

Benzene

Concen: 21.283 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD075635.D

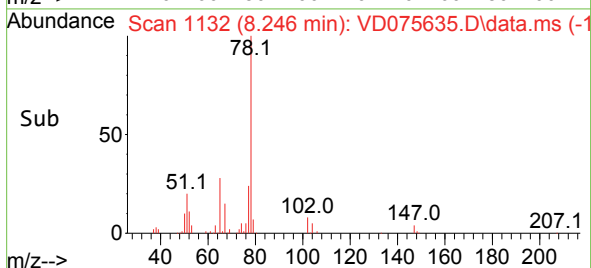
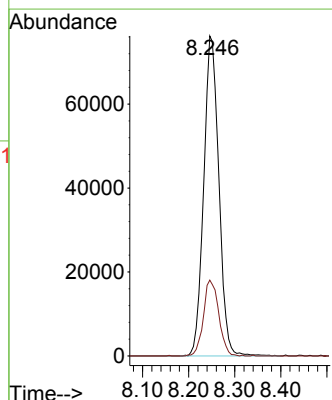
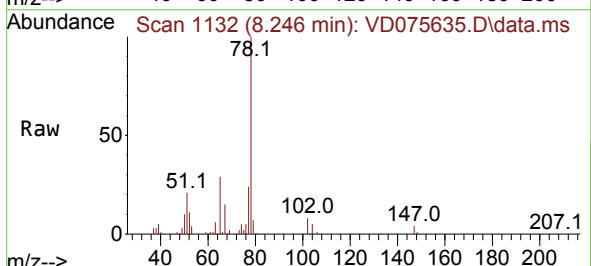
Acq: 12 Apr 2023 12:51

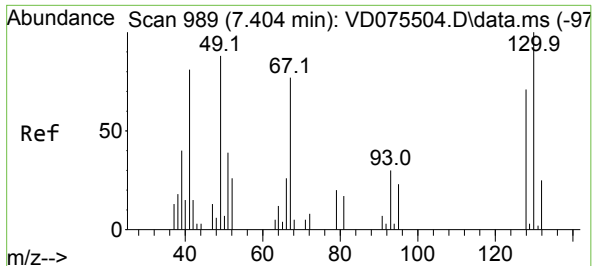
Tgt Ion: 78 Resp: 174904

Ion Ratio Lower Upper

78 100

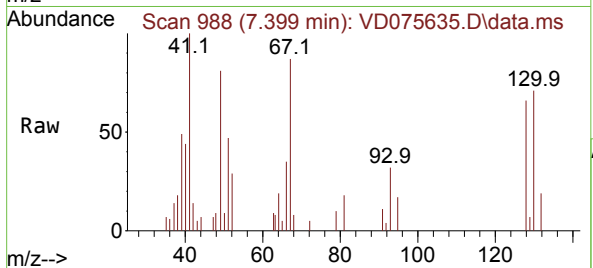
77 23.7 19.1 28.7



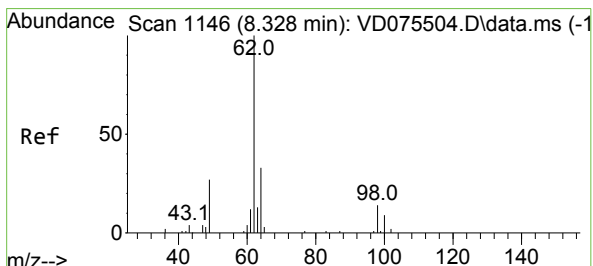
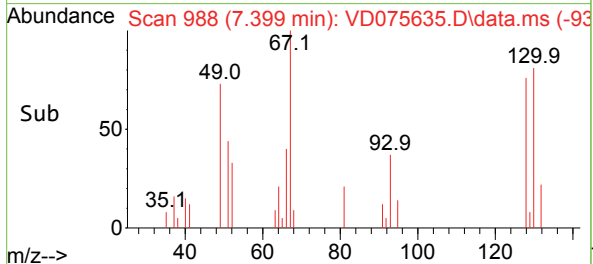
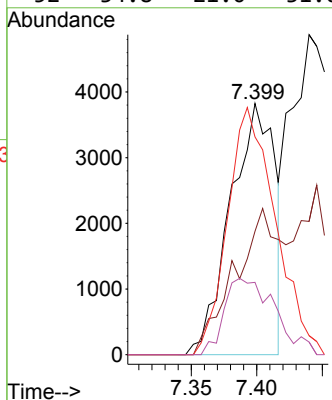


#41
Methacrylonitrile
Concen: 20.837 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

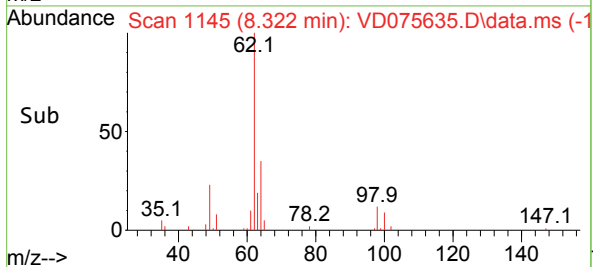
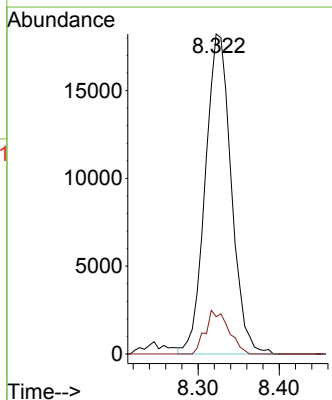
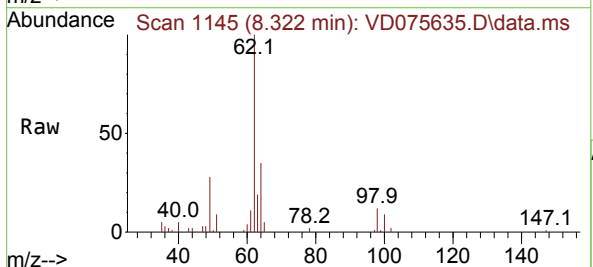


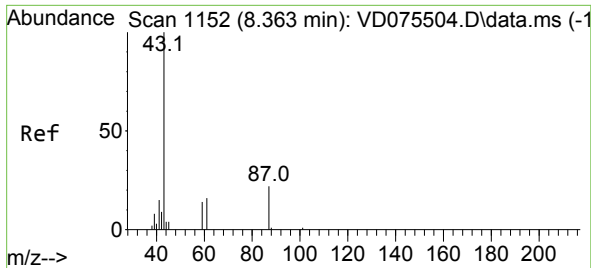
Tgt Ion: 41 Resp: 8993
Ion Ratio Lower Upper
41 100
39 61.3 45.3 67.9
67 107.0 50.5 75.7#
52 34.8 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 21.220 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

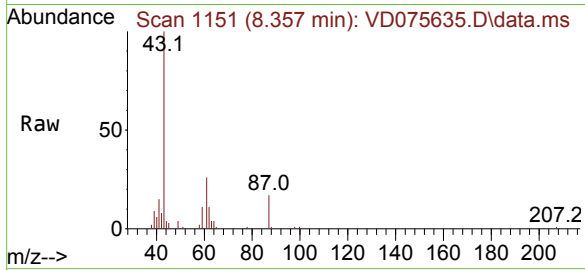
Tgt Ion: 62 Resp: 40518
Ion Ratio Lower Upper
62 100
98 12.1 0.0 18.8



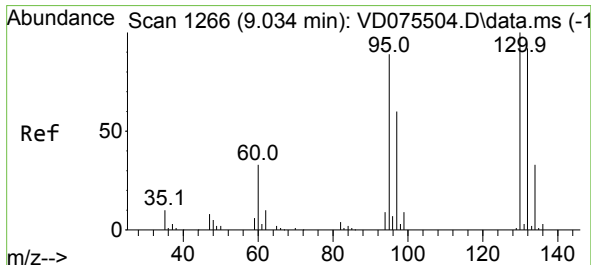
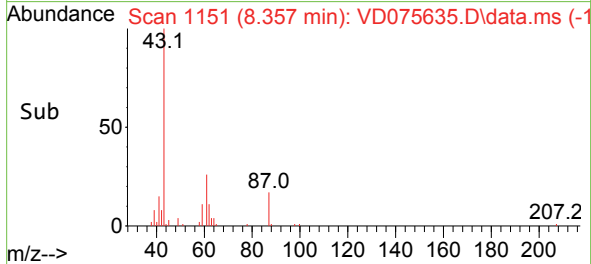
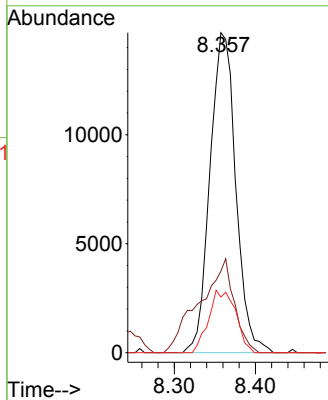


#43
Isopropyl Acetate
Concen: 22.154 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

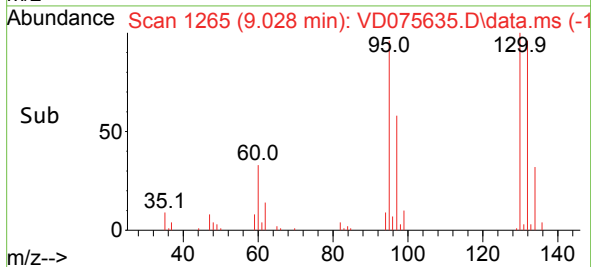
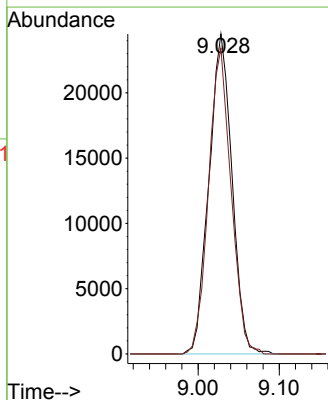
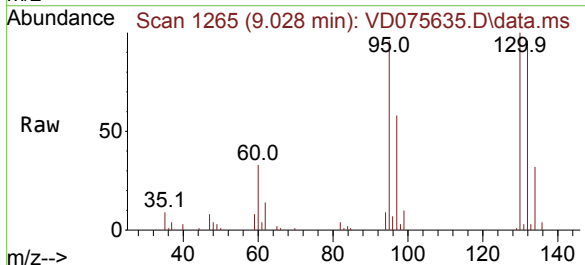


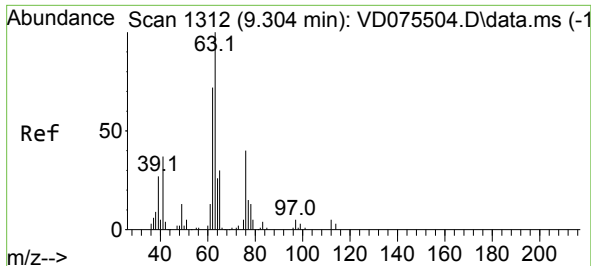
Tgt Ion: 43 Resp: 32429
Ion Ratio Lower Upper
43 100
61 39.5 23.4 35.0#
87 20.4 9.5 14.3#



#44
Trichloroethene
Concen: 20.088 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

Tgt Ion:130 Resp: 48356
Ion Ratio Lower Upper
130 100
95 95.6 0.0 197.6





#45

1,2-Dichloropropane

Concen: 21.035 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075635.D

Acq: 12 Apr 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

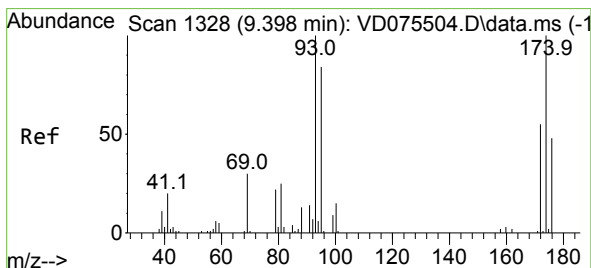
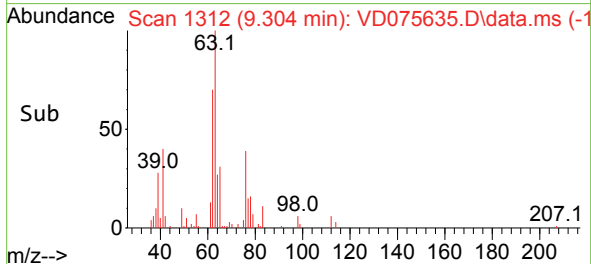
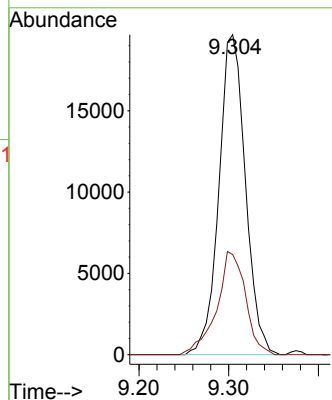
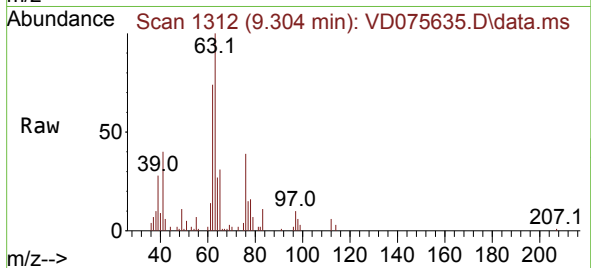
VD0412SBS01

Tgt Ion: 63 Resp: 40326

Ion Ratio Lower Upper

63 100

65 31.3 23.0 34.4



#46

Dibromomethane

Concen: 21.367 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075635.D

Acq: 12 Apr 2023 12:51

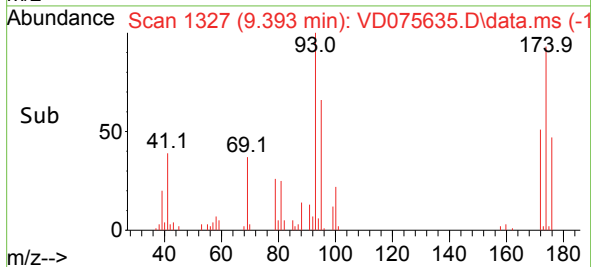
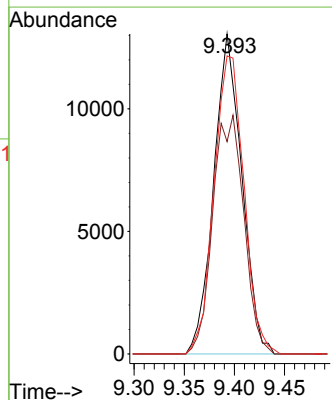
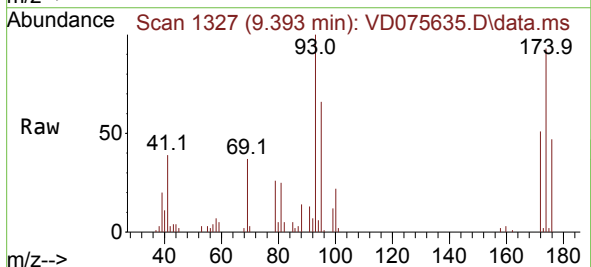
Tgt Ion: 93 Resp: 25434

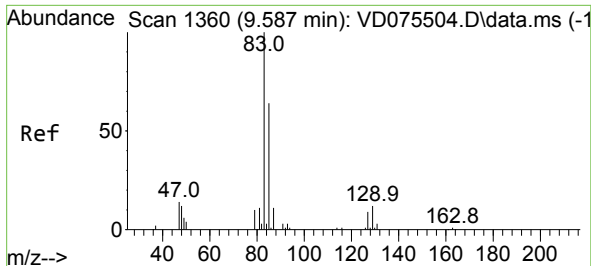
Ion Ratio Lower Upper

93 100

95 82.4 64.5 96.7

174 99.2 76.2 114.4

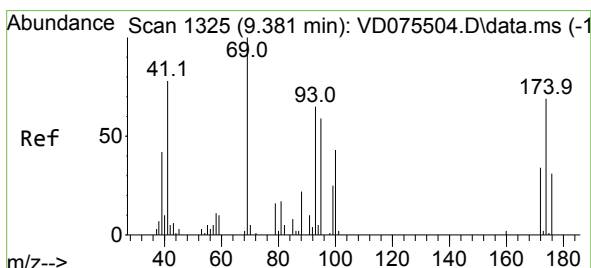
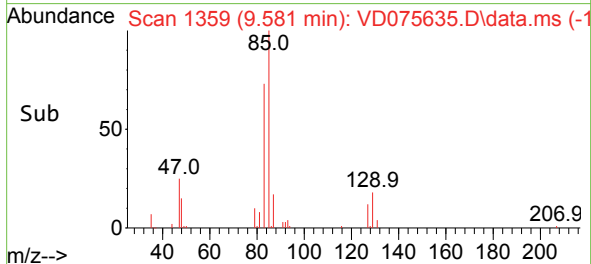
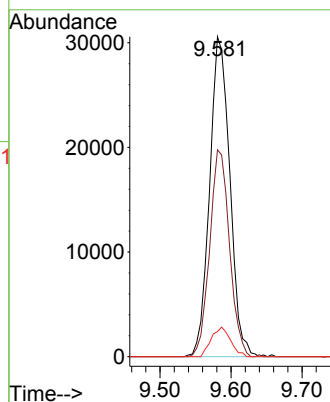
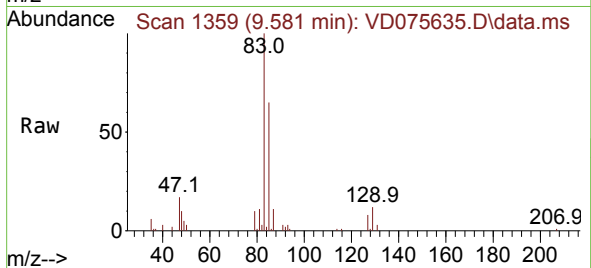




#47
Bromodichloromethane
Concen: 21.006 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

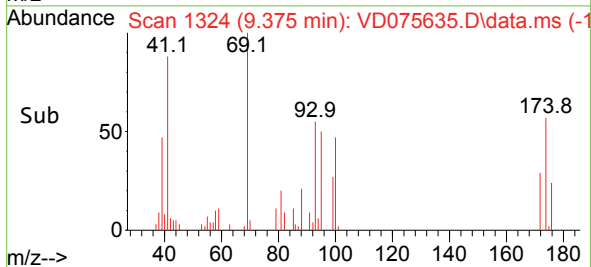
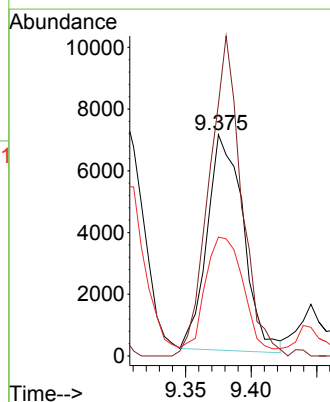
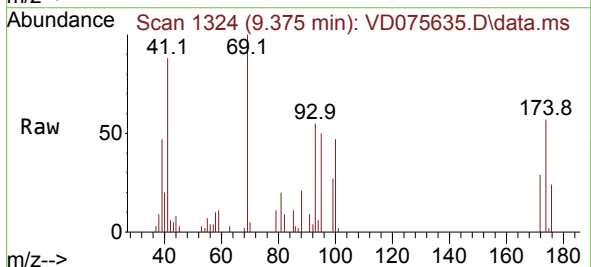
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

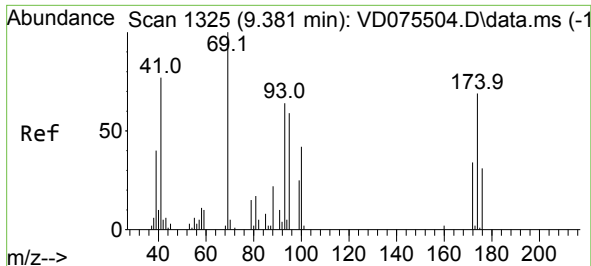
Tgt Ion: 83 Resp: 60465
Ion Ratio Lower Upper
83 100
85 64.6 53.7 80.5
127 7.8 7.0 10.6



#48
Methyl methacrylate
Concen: 20.242 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

Tgt Ion: 41 Resp: 13428
Ion Ratio Lower Upper
41 100
69 132.3 58.6 88.0#
39 53.5 53.4 80.0





#49

1,4-Dioxane

Concen: 470.337 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075635.D

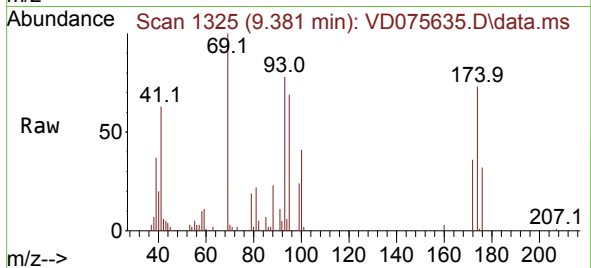
Acq: 12 Apr 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0412SBS01



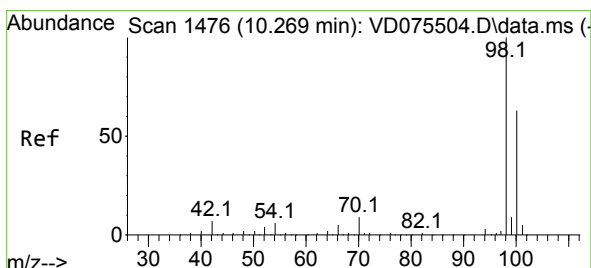
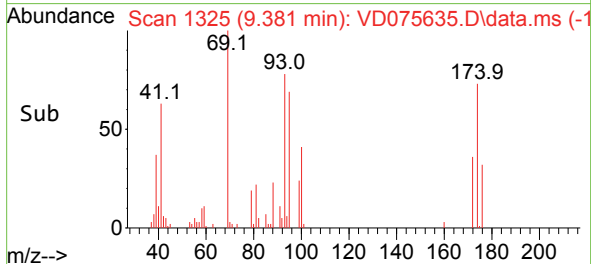
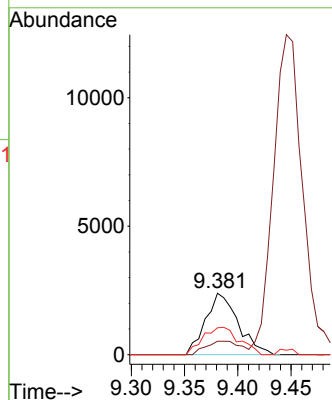
Tgt Ion: 88 Resp: 5075

Ion Ratio Lower Upper

88 100

43 23.5 34.6 51.8#

58 49.6 58.0 87.0#



#50

Toluene-d8

Concen: 55.350 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075635.D

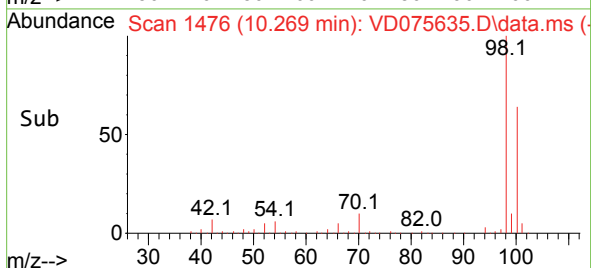
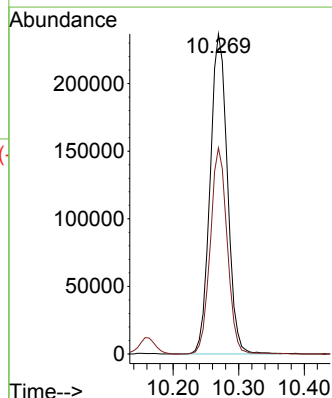
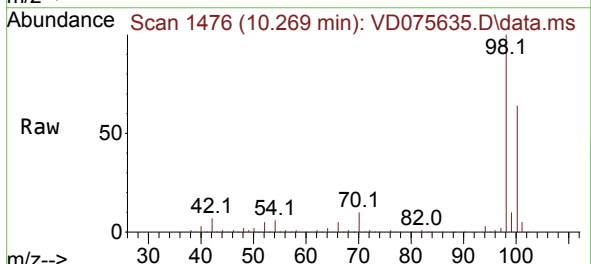
Acq: 12 Apr 2023 12:51

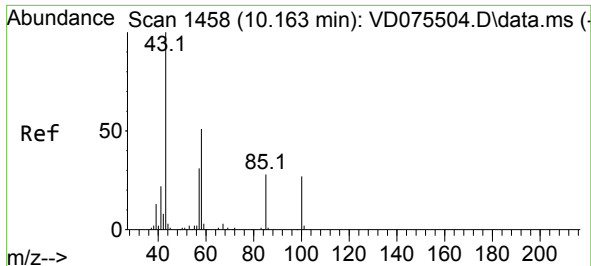
Tgt Ion: 98 Resp: 433553

Ion Ratio Lower Upper

98 100

100 62.9 52.1 78.1

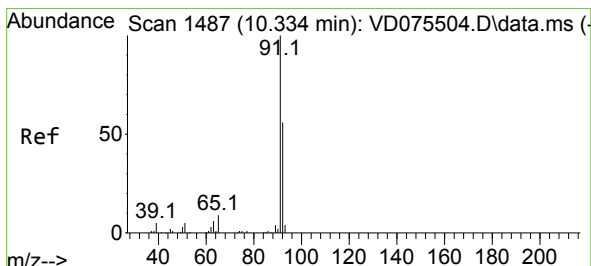
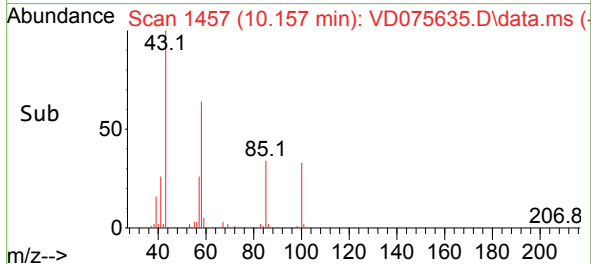
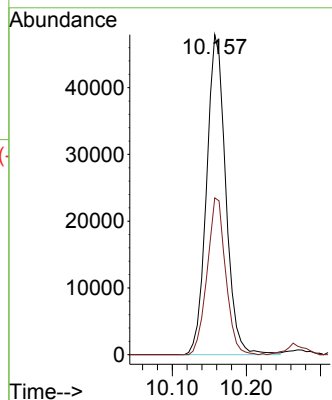
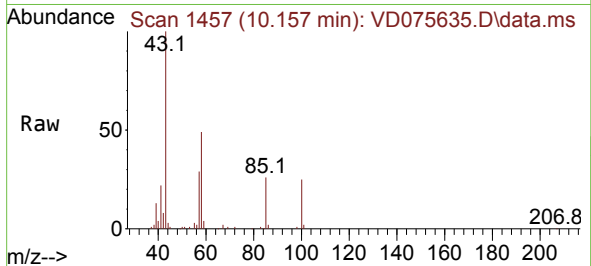




#51
4-Methyl-2-Pentanone
Concen: 109.120 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

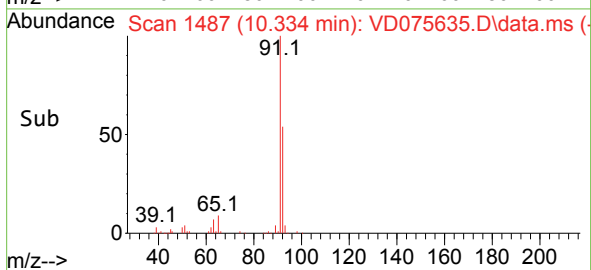
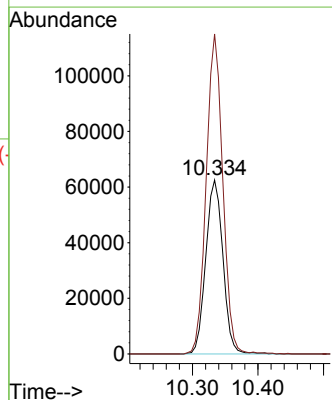
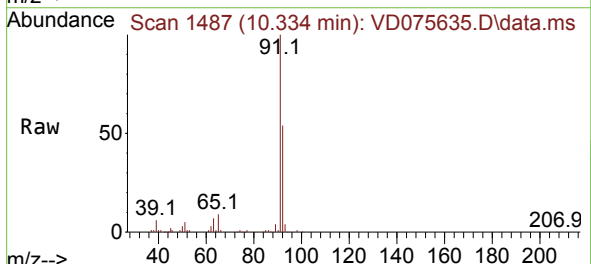
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

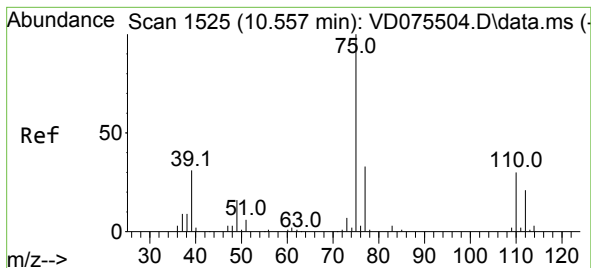
Tgt Ion: 43 Resp: 85985
Ion Ratio Lower Upper
43 100
58 47.3 29.5 44.3#



#52
Toluene
Concen: 20.512 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

Tgt Ion: 92 Resp: 113851
Ion Ratio Lower Upper
92 100
91 177.8 136.5 204.7

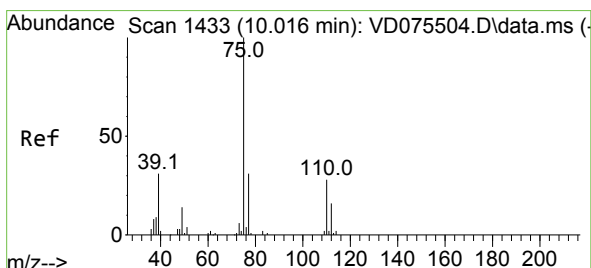
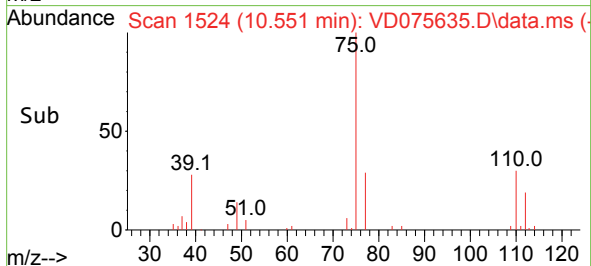
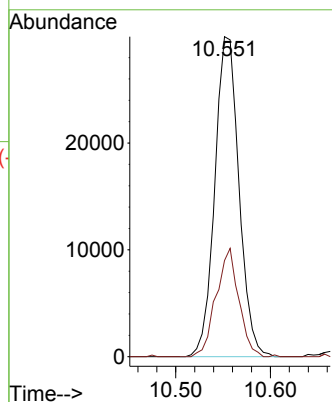
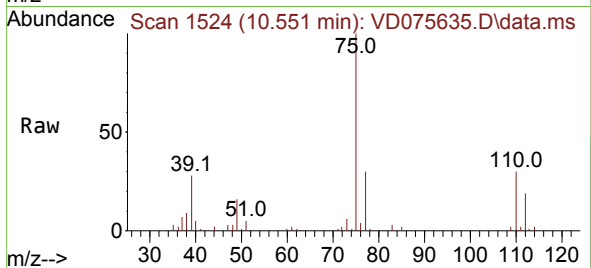




#53
 t-1,3-Dichloropropene
 Concen: 20.354 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD075635.D
 Acq: 12 Apr 2023 12:51

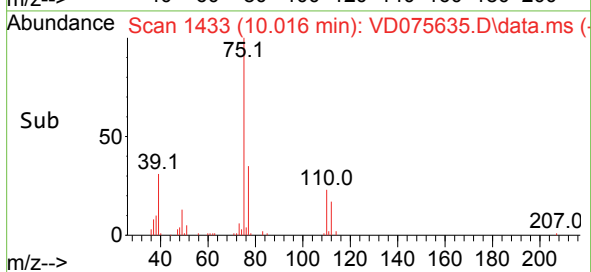
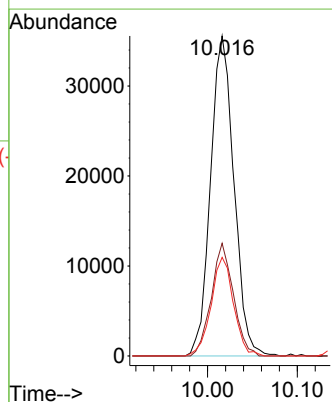
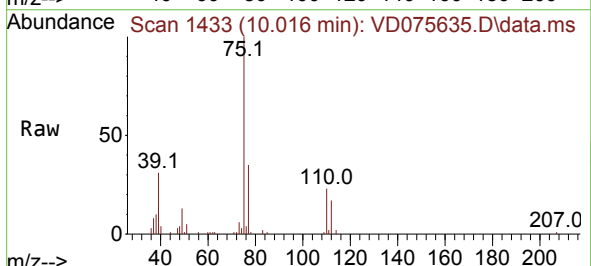
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0412SBS01

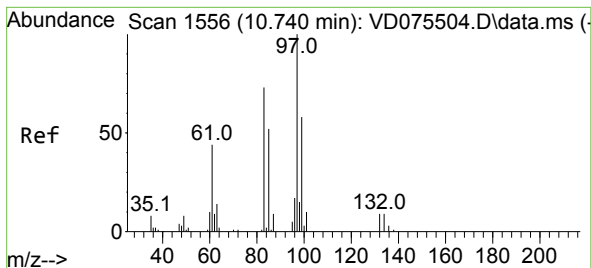
Tgt Ion: 75 Resp: 53106
 Ion Ratio Lower Upper
 75 100
 77 30.1 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 20.323 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075635.D
 Acq: 12 Apr 2023 12:51

Tgt Ion: 75 Resp: 64474
 Ion Ratio Lower Upper
 75 100
 77 35.2 25.6 38.4
 39 30.8 44.8 67.2#





#55

1,1,2-Trichloroethane

Concen: 21.125 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD075635.D

Acq: 12 Apr 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0412SBS01

Tgt Ion: 97 Resp: 37081

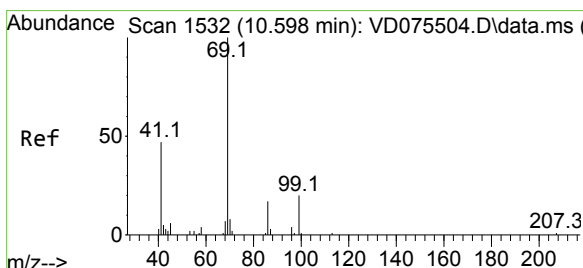
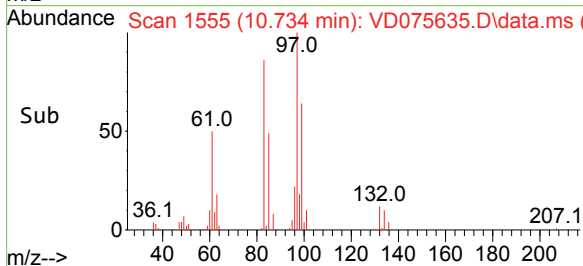
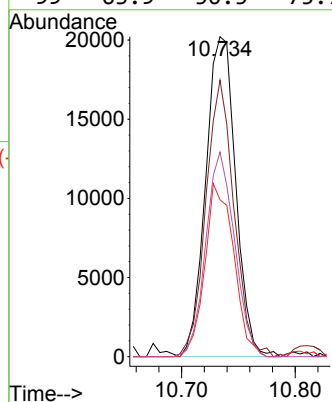
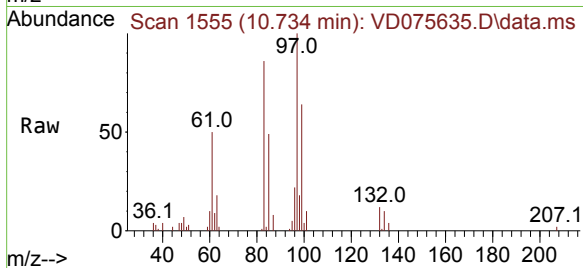
Ion Ratio Lower Upper

97 100

83 85.6 74.2 111.4

85 49.0 45.4 68.0

99 63.9 50.5 75.7



#56

Ethyl methacrylate

Concen: 18.990 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.001 min

Lab File: VD075635.D

Acq: 12 Apr 2023 12:51

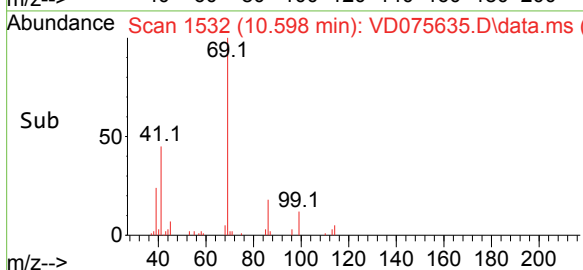
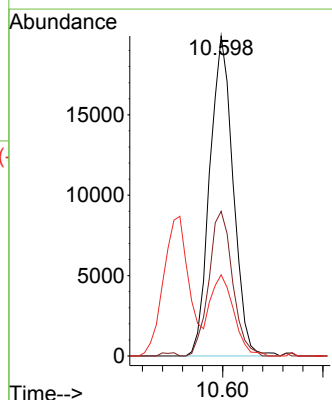
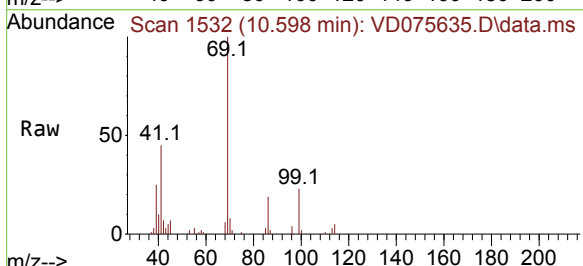
Tgt Ion: 69 Resp: 32129

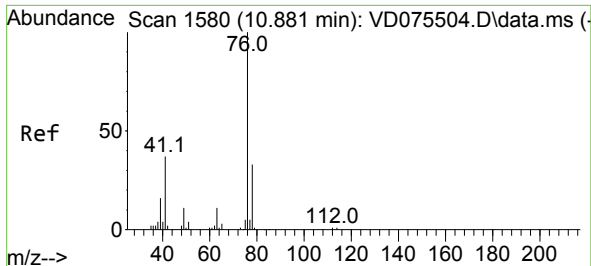
Ion Ratio Lower Upper

69 100

41 45.9 59.3 88.9#

39 25.2 36.0 54.0#





#57

1,3-Dichloropropane

Concen: 20.489 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075635.D

Acq: 12 Apr 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

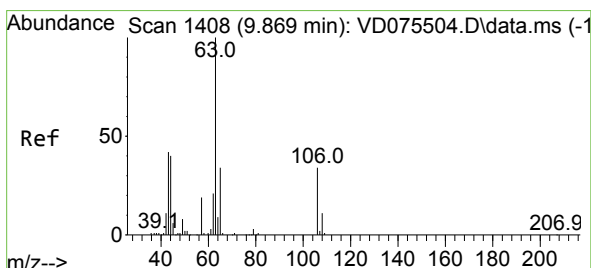
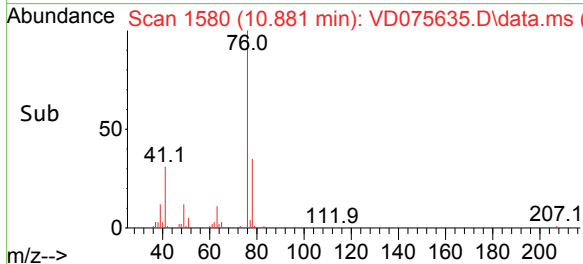
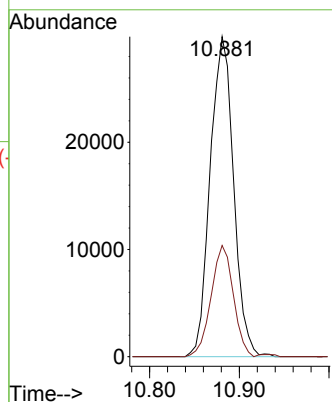
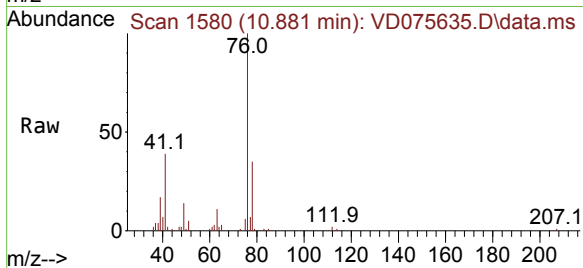
VD0412SBS01

Tgt Ion: 76 Resp: 54152

Ion Ratio Lower Upper

76 100

78 33.1 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 103.071 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075635.D

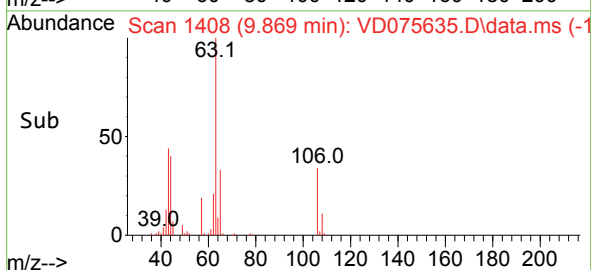
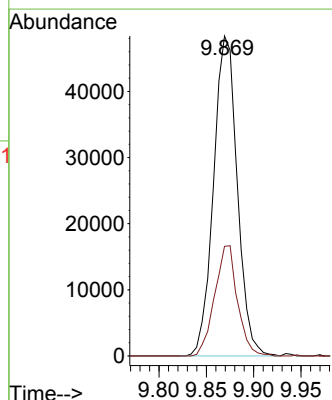
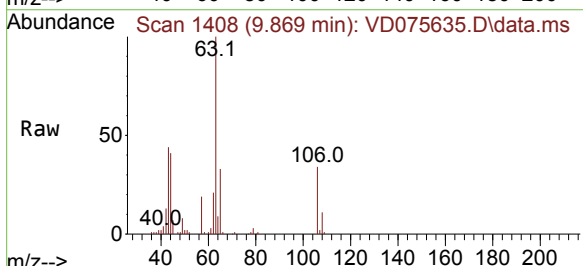
Acq: 12 Apr 2023 12:51

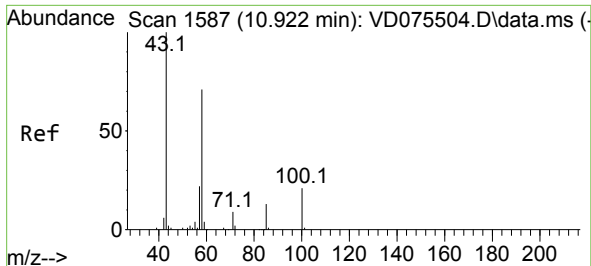
Tgt Ion: 63 Resp: 84314

Ion Ratio Lower Upper

63 100

106 33.2 21.4 32.2#

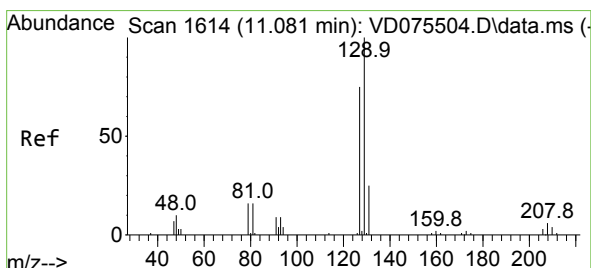
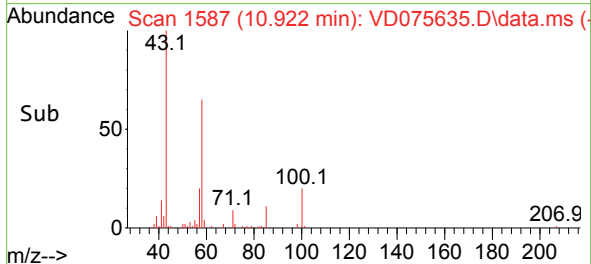
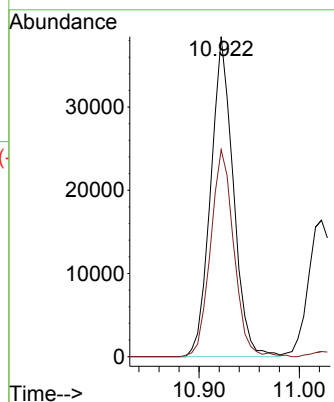
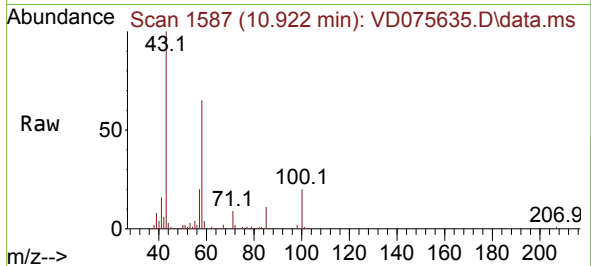




#59
2-Hexanone
Concen: 108.285 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

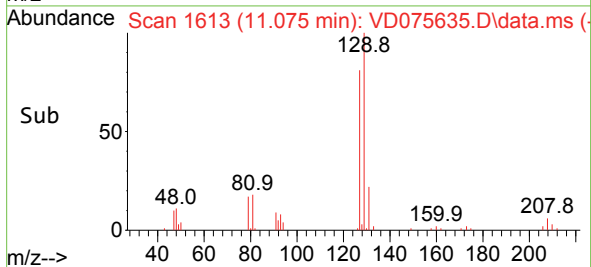
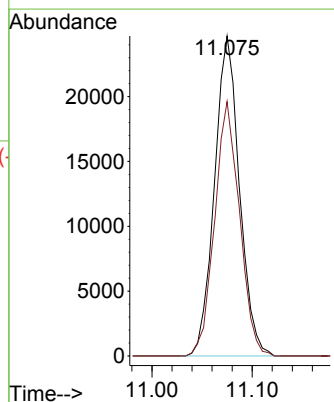
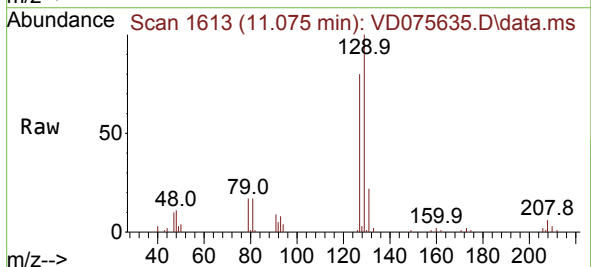
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

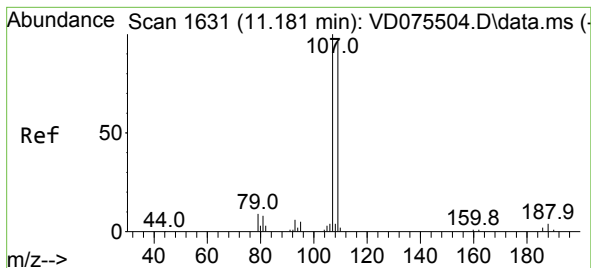
Tgt Ion: 43 Resp: 60112
Ion Ratio Lower Upper
43 100
58 66.6 25.3 75.8



#60
Dibromochloromethane
Concen: 20.328 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

Tgt Ion: 129 Resp: 42603
Ion Ratio Lower Upper
129 100
127 79.3 38.1 114.5

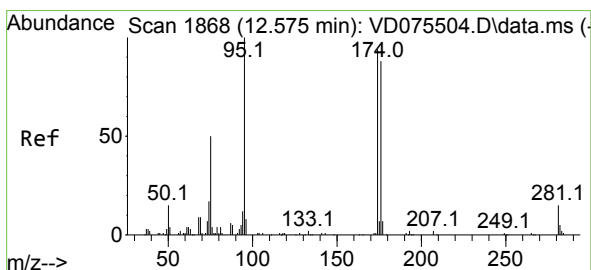
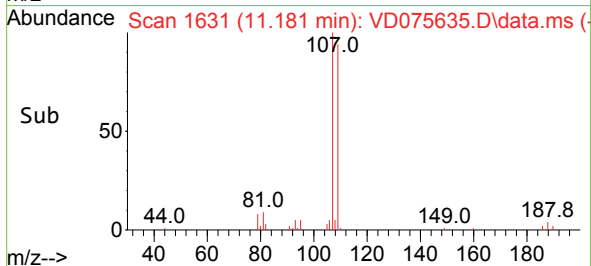
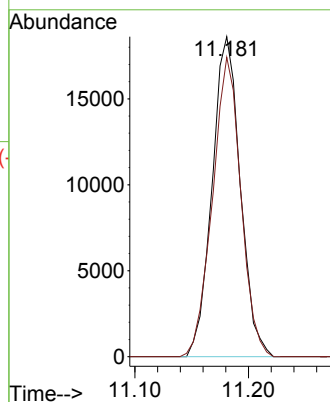
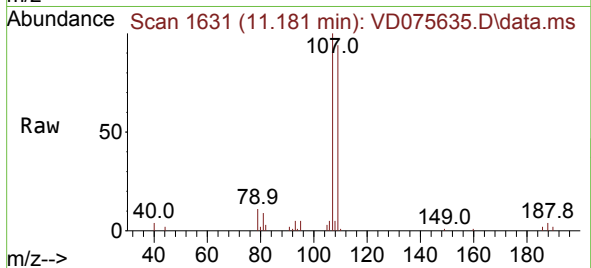




#61
1,2-Dibromoethane
Concen: 19.112 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

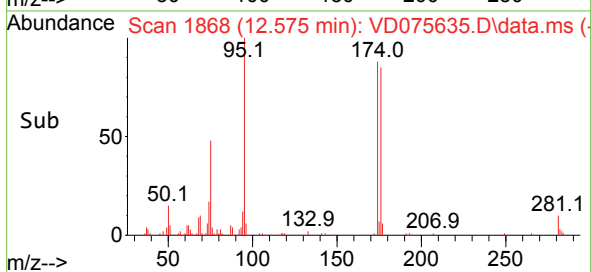
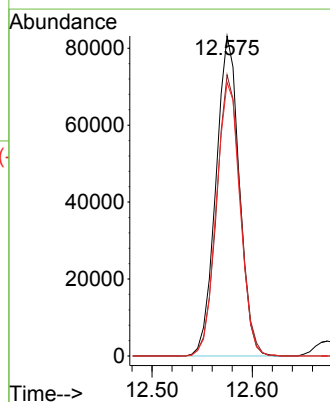
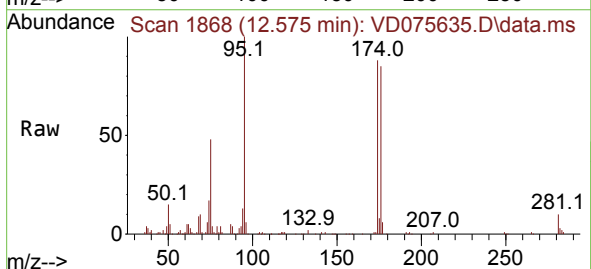
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

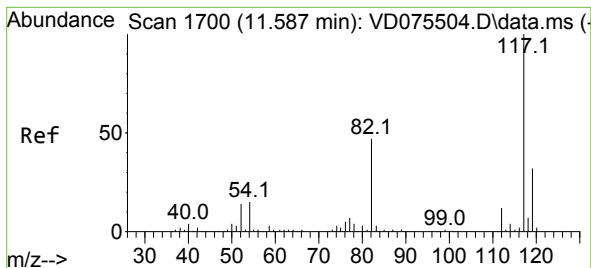
Tgt Ion:107 Resp: 32063
Ion Ratio Lower Upper
107 100
109 94.1 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 58.233 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

Tgt Ion: 95 Resp: 134192
Ion Ratio Lower Upper
95 100
174 88.9 0.0 164.0
176 86.8 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075635.D

Acq: 12 Apr 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0412SBS01

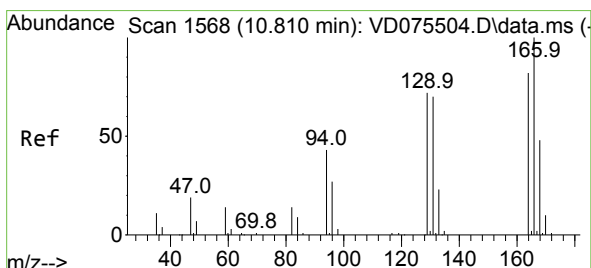
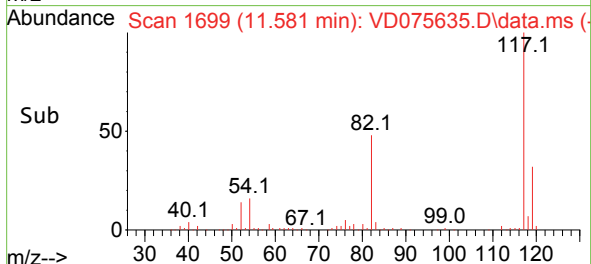
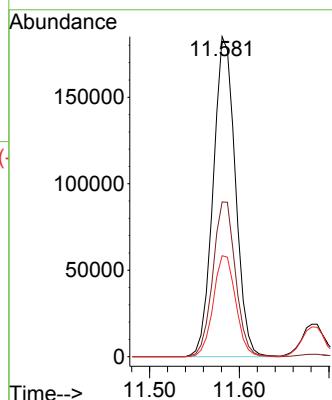
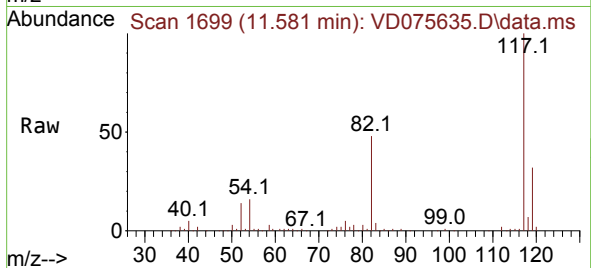
Tgt Ion:117 Resp: 317451

Ion Ratio Lower Upper

117 100

82 48.3 44.0 66.0

119 31.6 25.1 37.7



#64

Tetrachloroethene

Concen: 21.287 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD075635.D

Acq: 12 Apr 2023 12:51

Tgt Ion:164 Resp: 40645

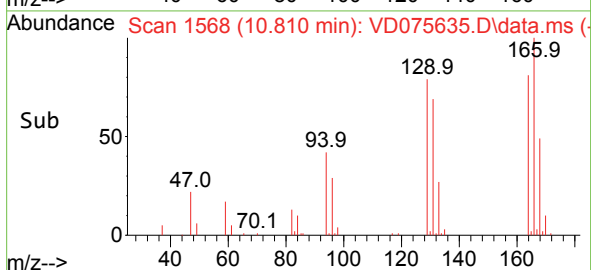
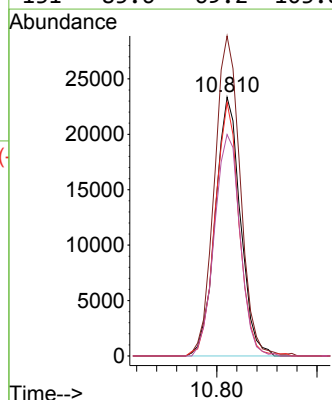
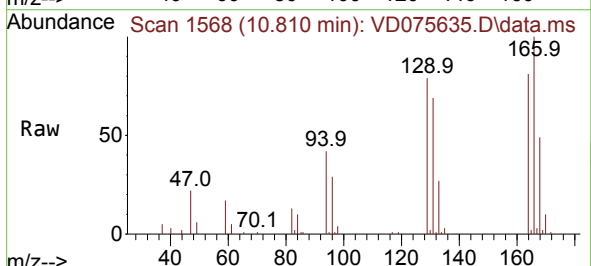
Ion Ratio Lower Upper

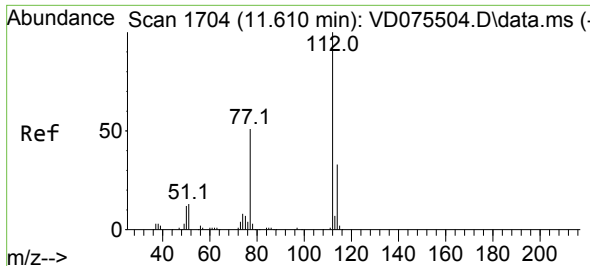
164 100

166 123.7 94.9 142.3

129 97.9 73.0 109.6

131 85.6 69.2 103.8

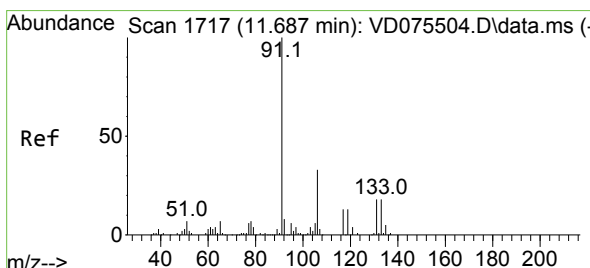
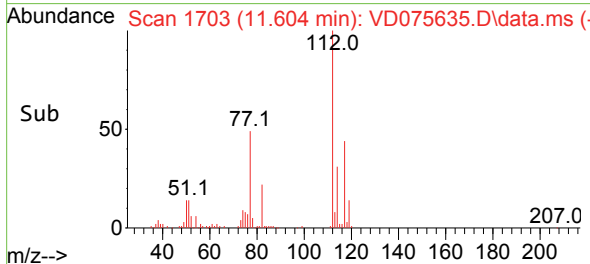
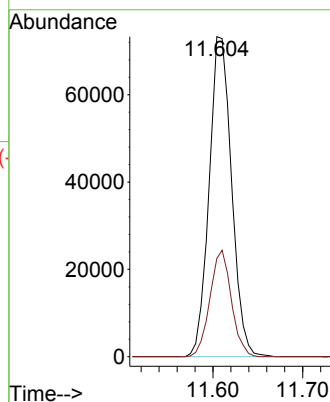
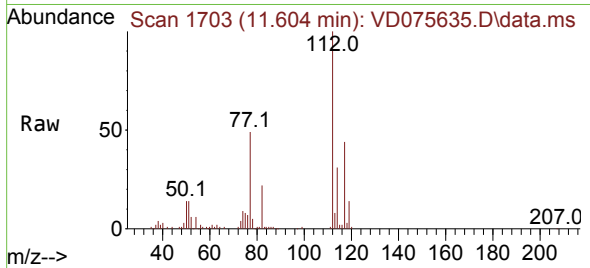




#65
Chlorobenzene
Concen: 20.666 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

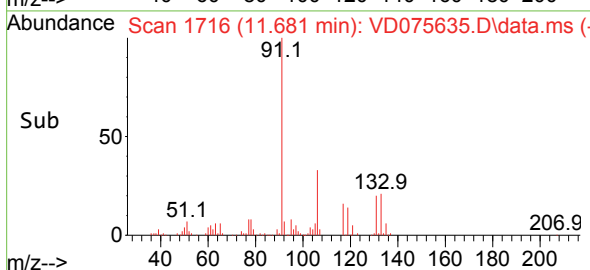
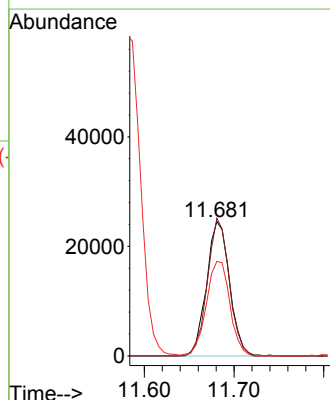
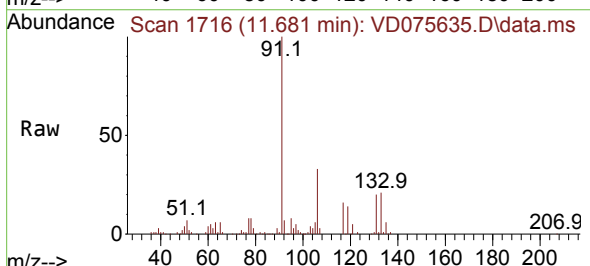
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

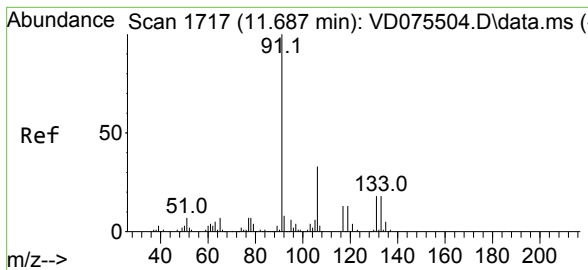
Tgt Ion:112 Resp: 127343
Ion Ratio Lower Upper
112 100
114 30.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.058 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

Tgt Ion:131 Resp: 43708
Ion Ratio Lower Upper
131 100
133 96.9 46.7 140.0
119 71.9 31.9 95.9

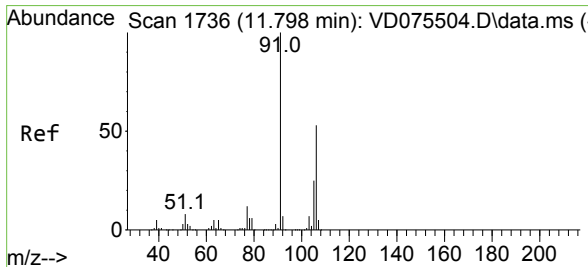
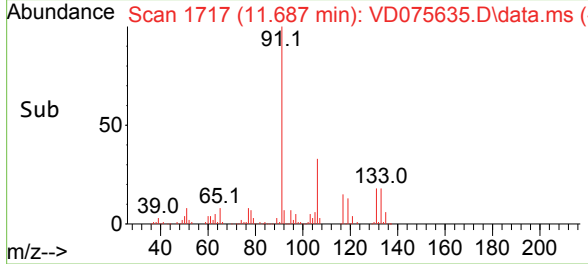
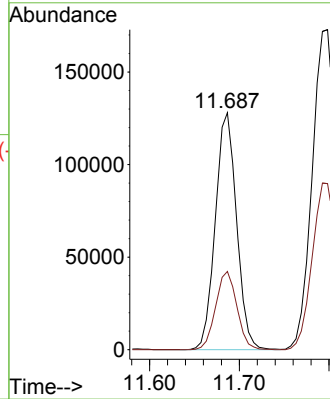
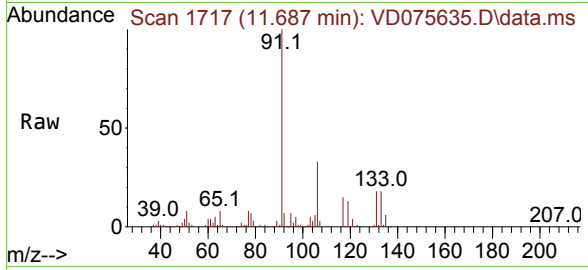




#67
Ethyl Benzene
Concen: 20.710 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

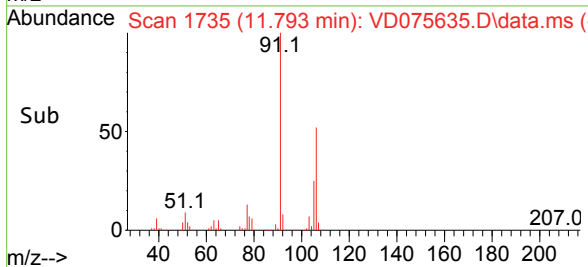
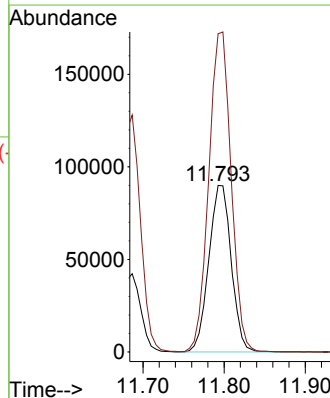
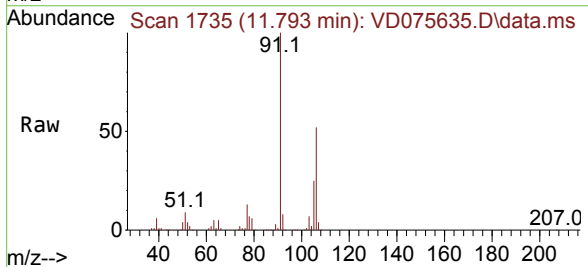
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

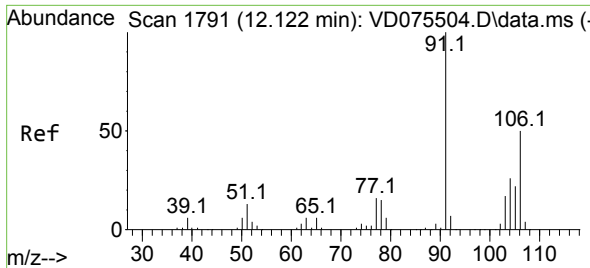
Tgt Ion: 91 Resp: 210557
Ion Ratio Lower Upper
91 100
106 33.1 24.5 36.7



#68
m/p-Xylenes
Concen: 41.225 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.005 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

Tgt Ion:106 Resp: 172632
Ion Ratio Lower Upper
106 100
91 191.3 161.5 242.3

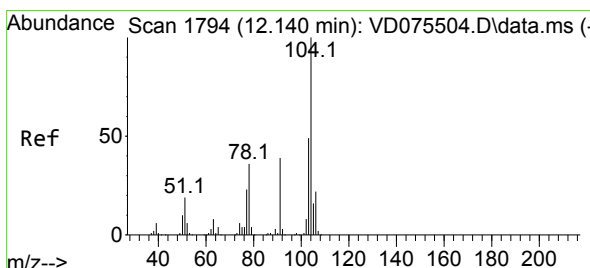
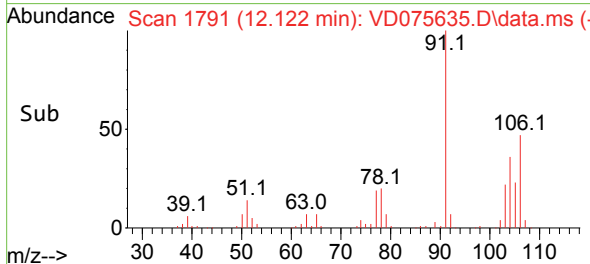
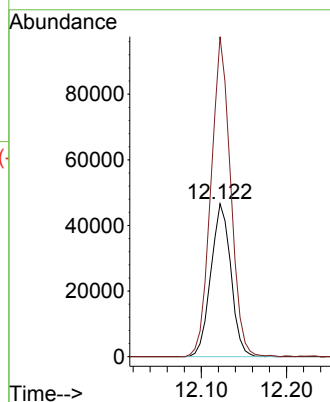
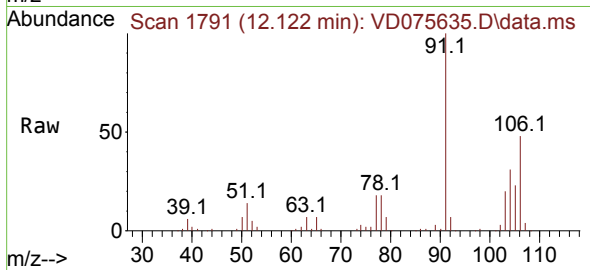




#69
o-Xylene
Concen: 20.129 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

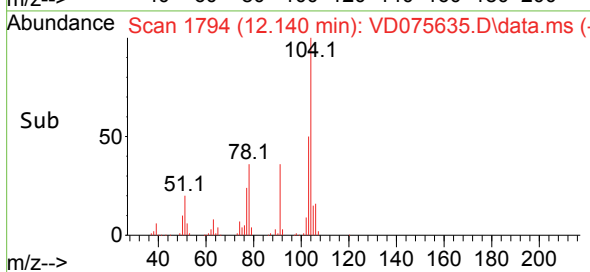
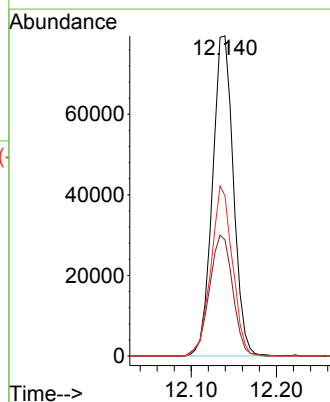
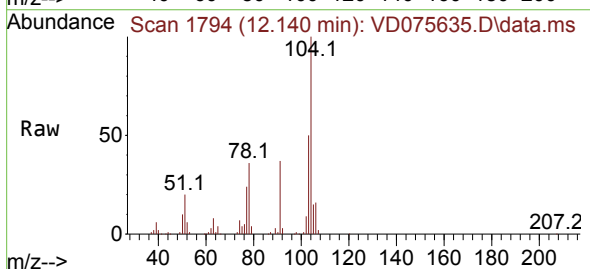
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

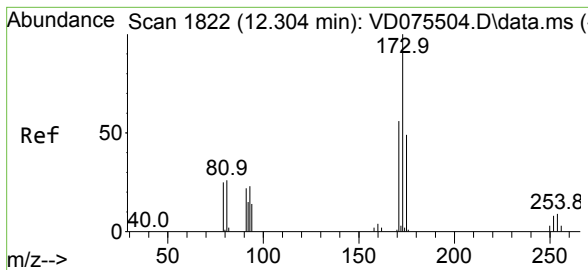
Tgt Ion:106 Resp: 75884
Ion Ratio Lower Upper
106 100
91 205.8 105.7 317.1



#70
Styrene
Concen: 20.964 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

Tgt Ion:104 Resp: 135534
Ion Ratio Lower Upper
104 100
78 42.1 40.2 60.4
103 54.6 44.2 66.2





#71

Bromoform

Concen: 21.044 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.006 min

Lab File: VD075635.D

Acq: 12 Apr 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0412SBS01

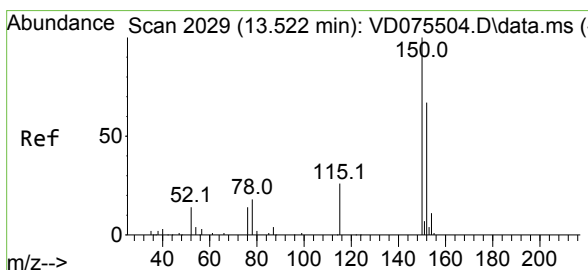
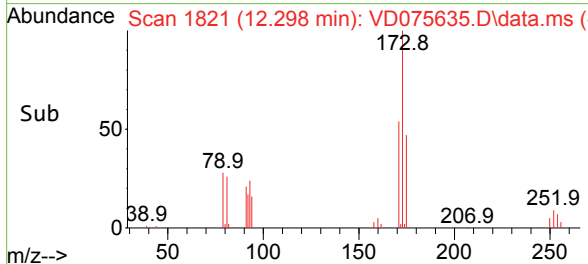
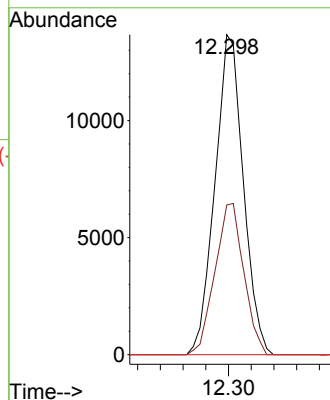
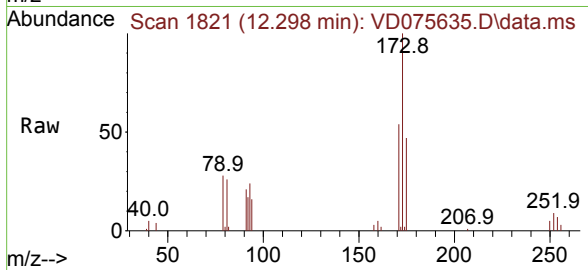
Tgt Ion:173 Resp: 23702

Ion Ratio Lower Upper

173 100

175 48.1 23.5 70.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075635.D

Acq: 12 Apr 2023 12:51

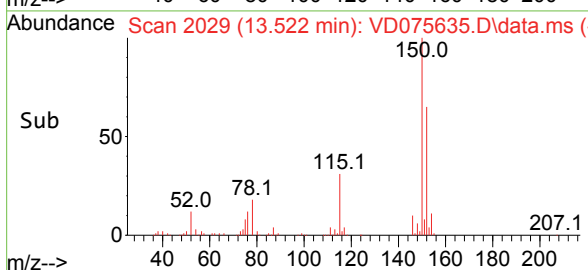
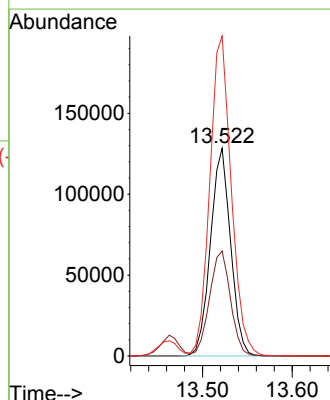
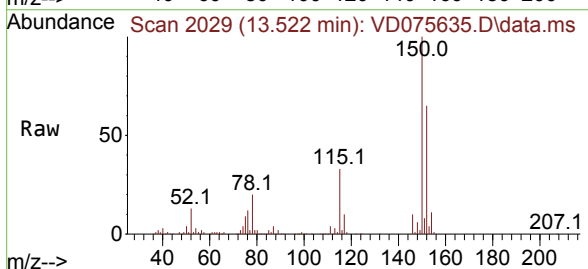
Tgt Ion:152 Resp: 200182

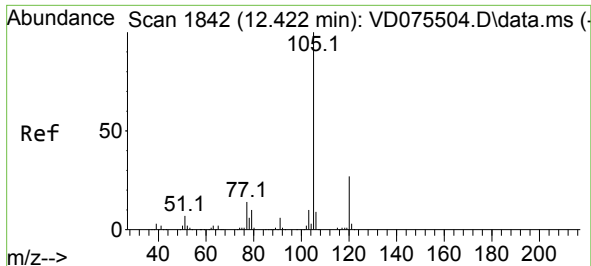
Ion Ratio Lower Upper

152 100

115 52.5 30.1 90.3

150 164.0 0.0 364.8

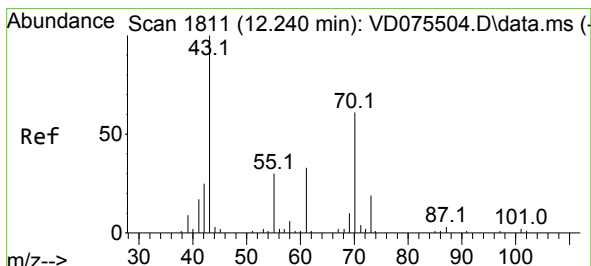
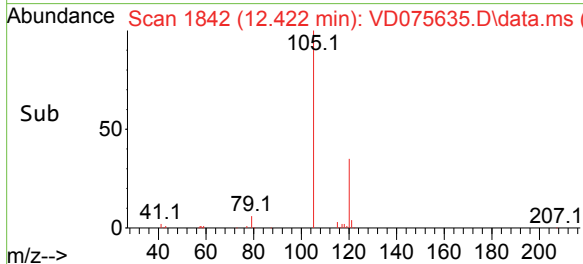
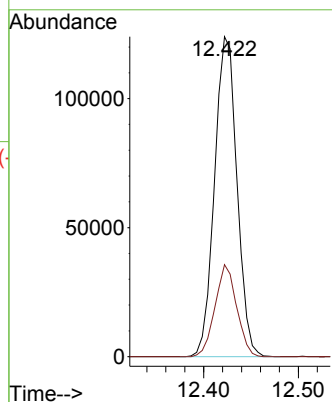
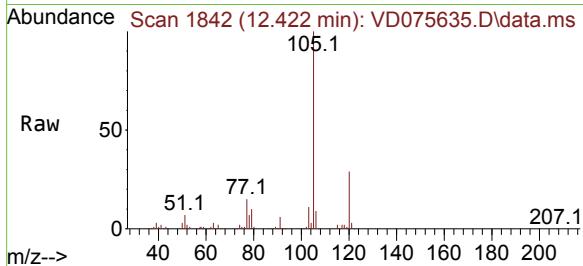




#73
Isopropylbenzene
Concen: 16.415 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

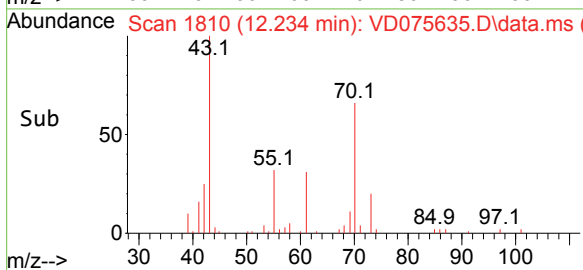
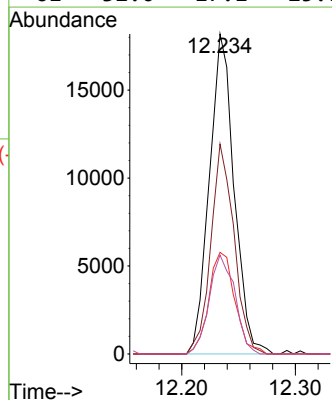
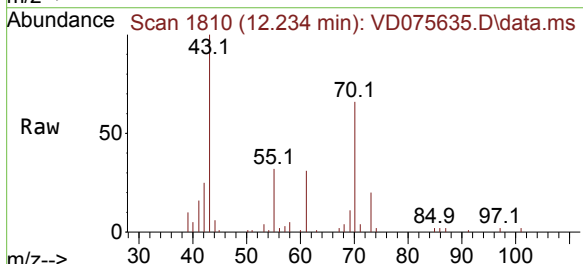
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

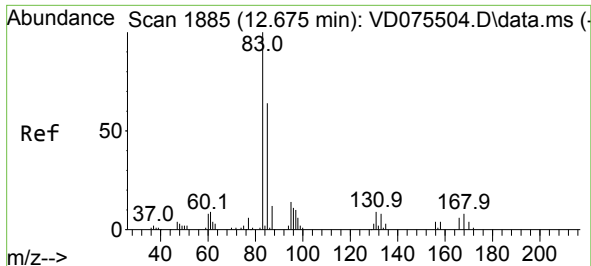
Tgt Ion:105 Resp: 203907
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.1



#74
N-ethyl acetate
Concen: 15.835 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

Tgt Ion: 43 Resp: 27588
Ion Ratio Lower Upper
43 100
70 61.5 31.0 46.4#
55 33.5 18.6 28.0#
61 32.0 17.1 25.7#

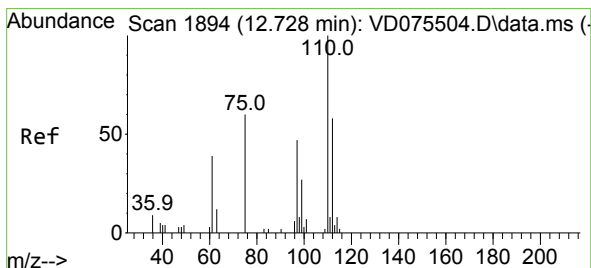
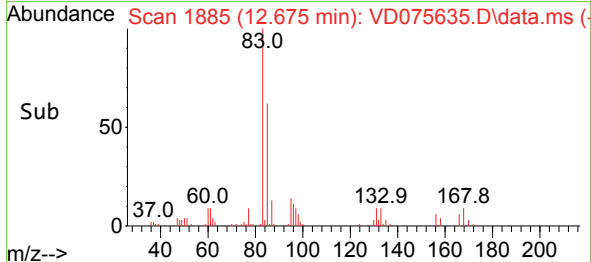
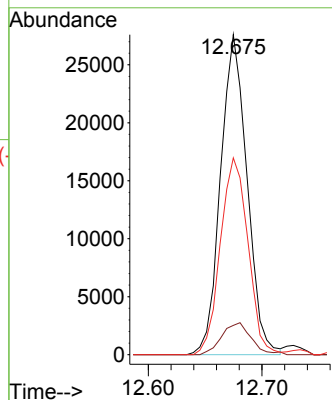
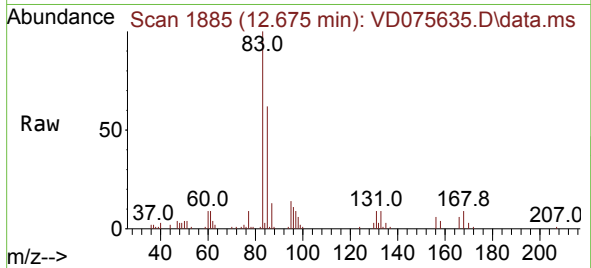




#75
1,1,2,2-Tetrachloroethane
Concen: 19.234 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

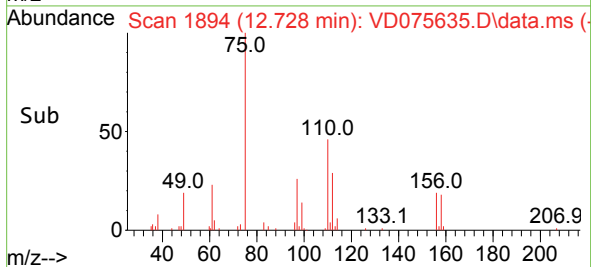
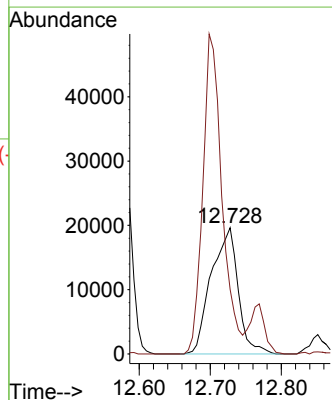
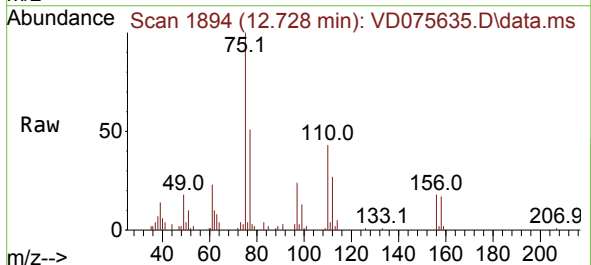
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

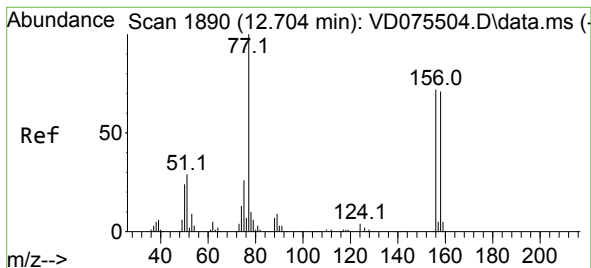
Tgt Ion: 83 Resp: 44691
Ion Ratio Lower Upper
83 100
131 11.1 5.1 15.2
85 64.1 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 39.683 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

Tgt Ion: 75 Resp: 51645
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.680 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD075635.D

Acq: 12 Apr 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0412SBS01

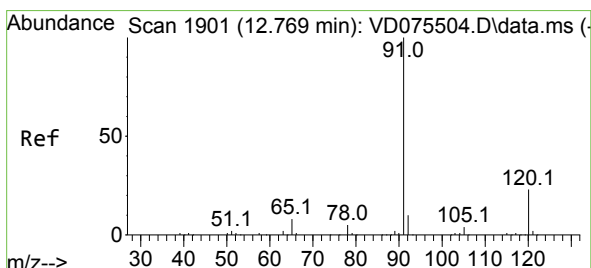
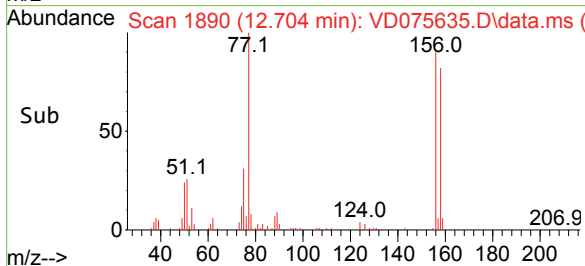
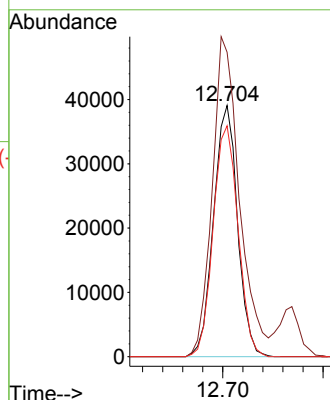
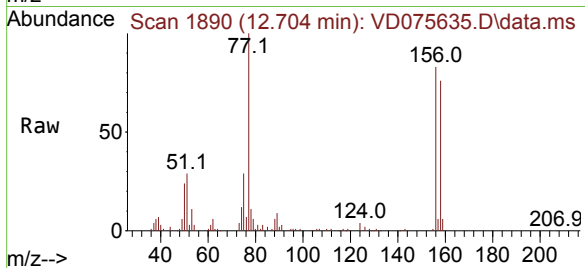
Tgt Ion:156 Resp: 64842

Ion Ratio Lower Upper

156 100

77 144.5 89.5 268.6

158 95.5 47.8 143.4



#78

n-propylbenzene

Concen: 20.101 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.006 min

Lab File: VD075635.D

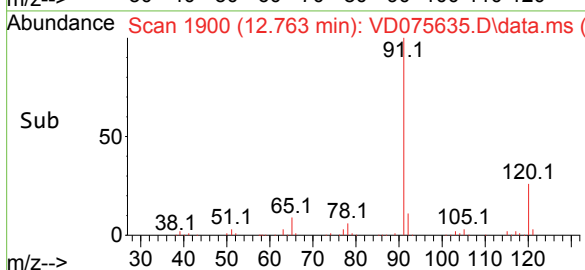
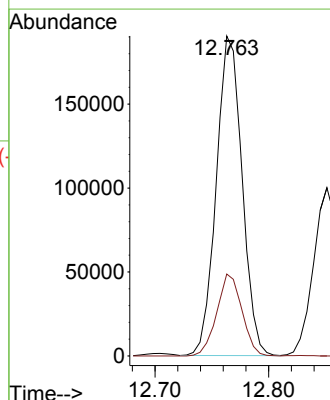
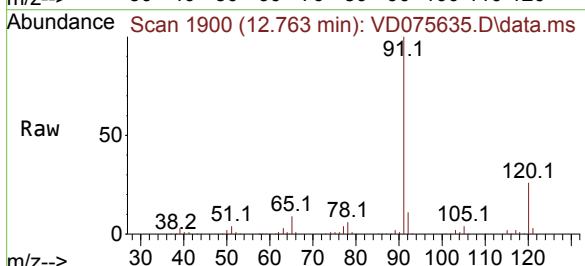
Acq: 12 Apr 2023 12:51

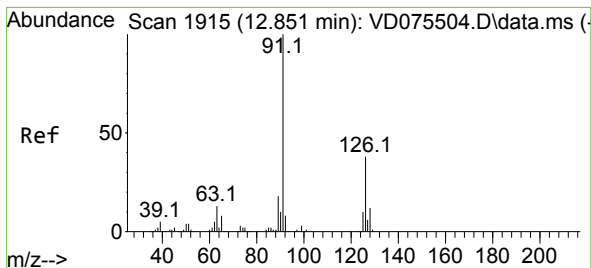
Tgt Ion: 91 Resp: 300218

Ion Ratio Lower Upper

91 100

120 24.9 11.4 34.2





#79

2-Chlorotoluene

Concen: 19.777 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD075635.D

Acq: 12 Apr 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

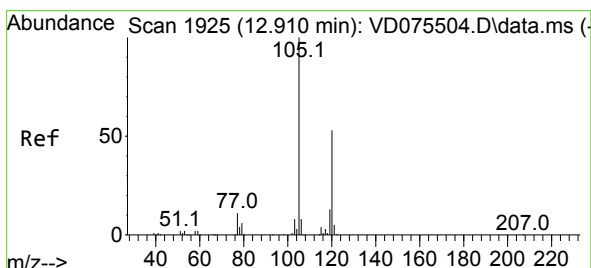
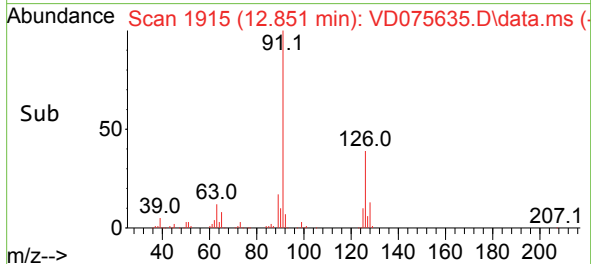
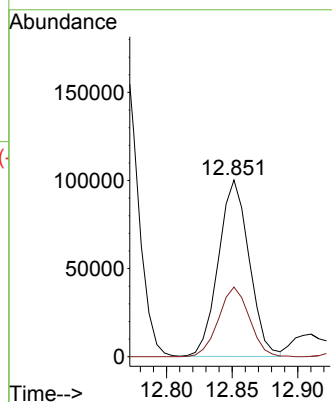
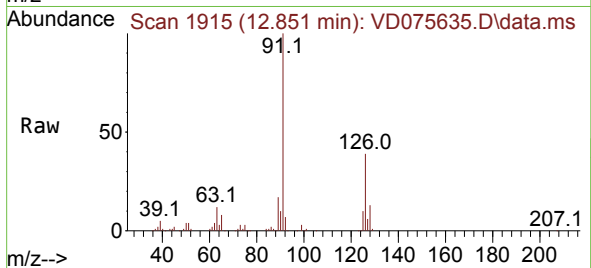
VD0412SBS01

Tgt Ion: 91 Resp: 163371

Ion Ratio Lower Upper

91 100

126 39.5 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 20.592 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.006 min

Lab File: VD075635.D

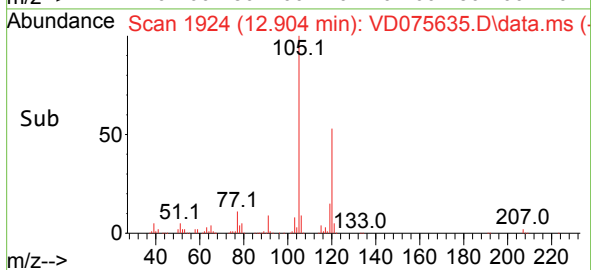
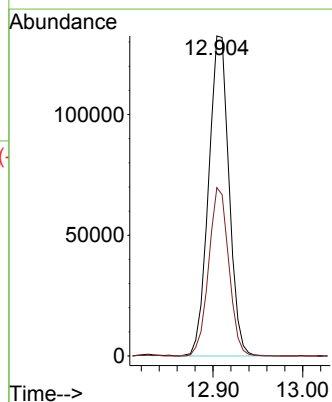
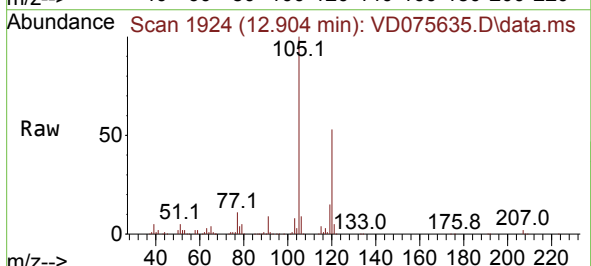
Acq: 12 Apr 2023 12:51

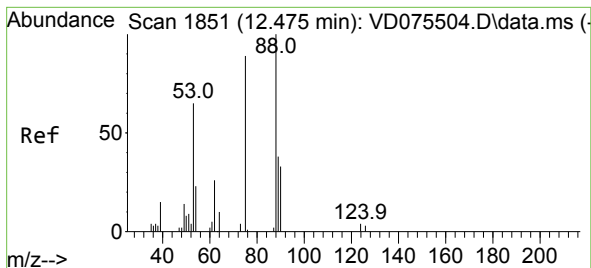
Tgt Ion: 105 Resp: 209493

Ion Ratio Lower Upper

105 100

120 51.7 24.3 72.8

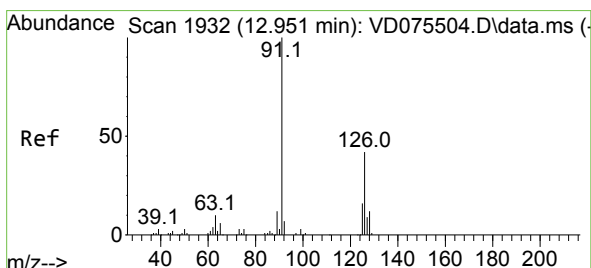
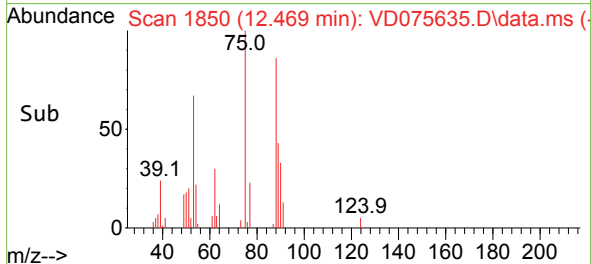
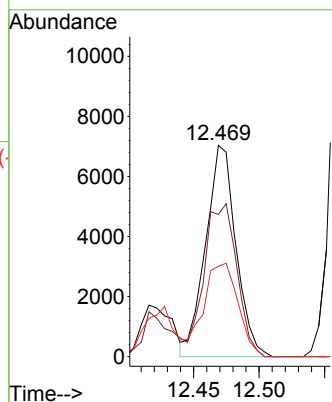
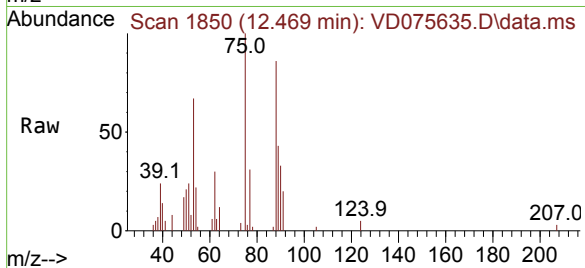




#81
trans-1,4-Dichloro-2-butene
Concen: 16.544 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

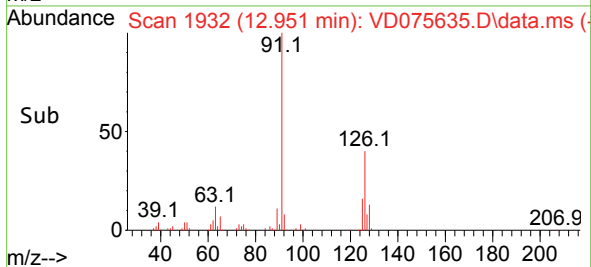
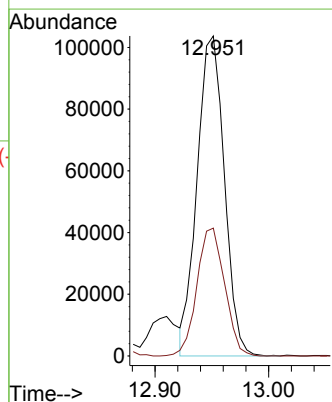
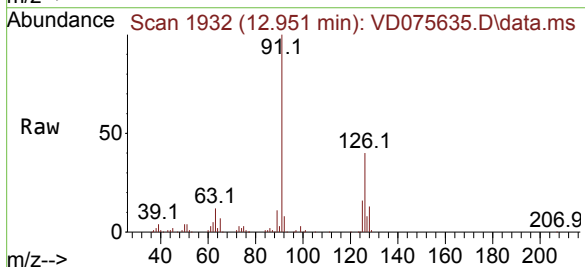
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

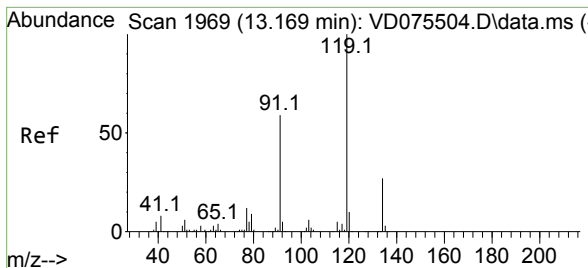
Tgt Ion: 75 Resp: 11309
Ion Ratio Lower Upper
75 100
53 77.3 90.5 135.7#
89 51.3 40.2 60.4



#82
4-Chlorotoluene
Concen: 20.134 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

Tgt Ion: 91 Resp: 172533
Ion Ratio Lower Upper
91 100
126 40.6 17.1 51.2





#83

tert-Butylbenzene

Concen: 19.895 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD075635.D

Acq: 12 Apr 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0412SBS01

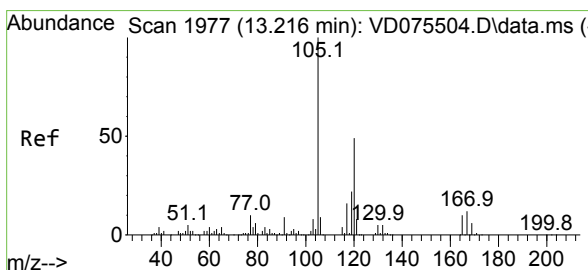
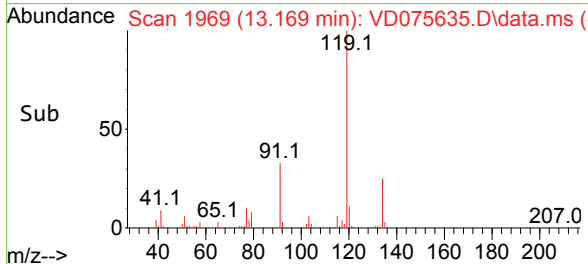
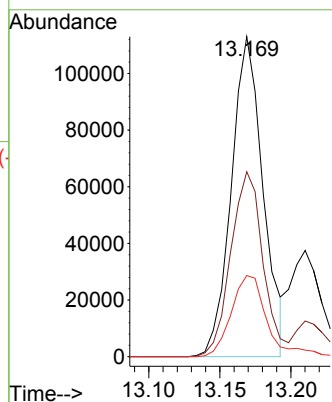
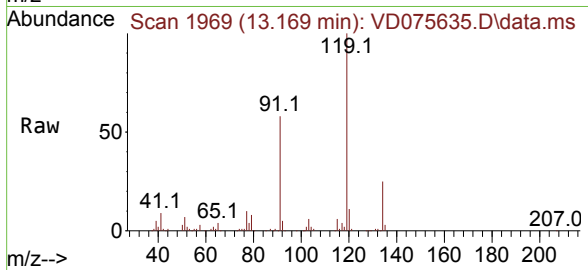
Tgt Ion:119 Resp: 175745

Ion Ratio Lower Upper

119 100

91 58.8 32.4 97.0

134 28.6 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 20.226 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075635.D

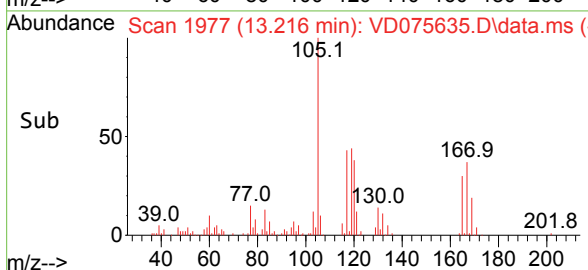
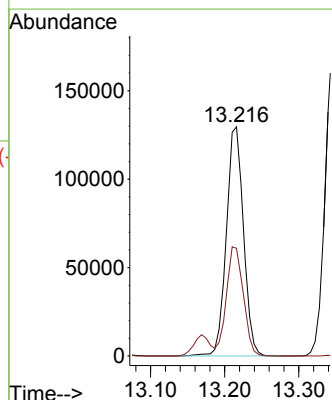
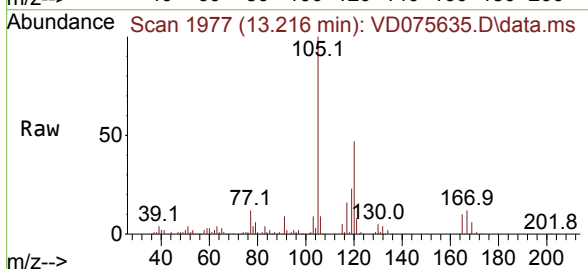
Acq: 12 Apr 2023 12:51

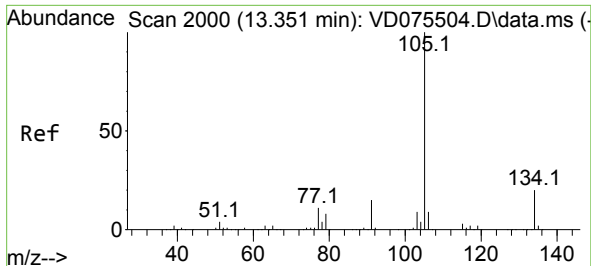
Tgt Ion:105 Resp: 207800

Ion Ratio Lower Upper

105 100

120 47.2 22.3 66.9

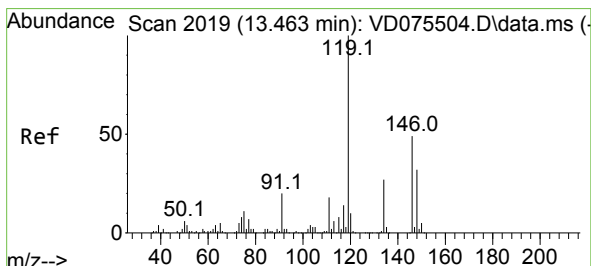
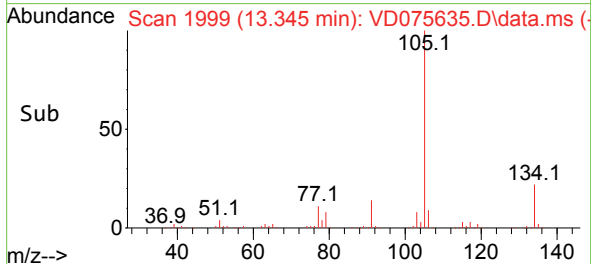
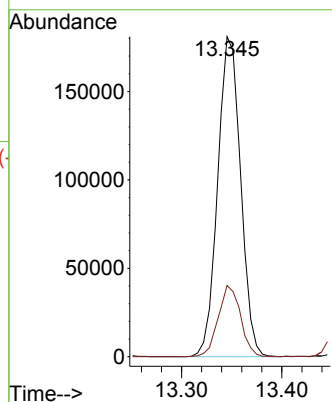
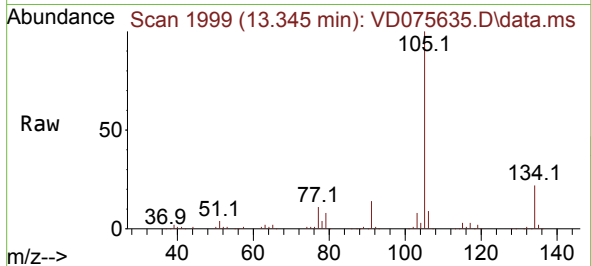




#85
 sec-Butylbenzene
 Concen: 21.238 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.006 min
 Lab File: VD075635.D
 Acq: 12 Apr 2023 12:51

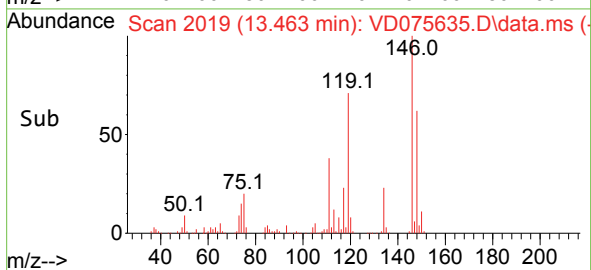
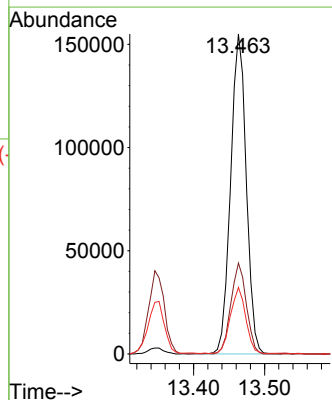
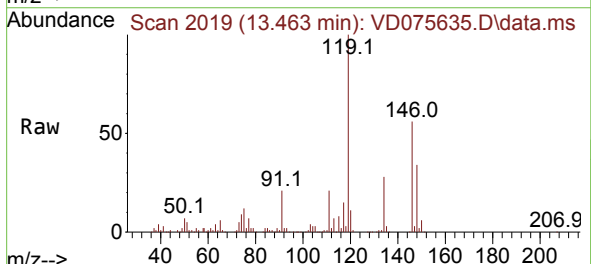
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0412SBS01

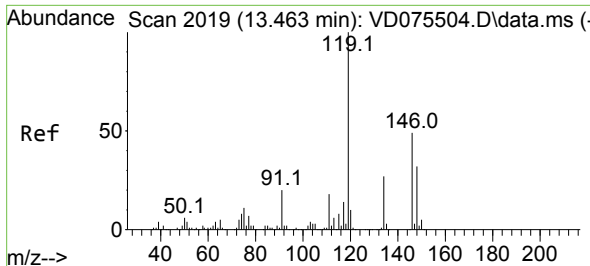
Tgt Ion:105 Resp: 286693
 Ion Ratio Lower Upper
 105 100
 134 21.7 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 20.914 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075635.D
 Acq: 12 Apr 2023 12:51

Tgt Ion:119 Resp: 237322
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.1 39.3
 91 20.3 12.4 37.4

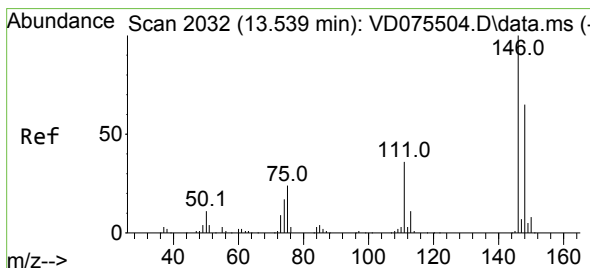
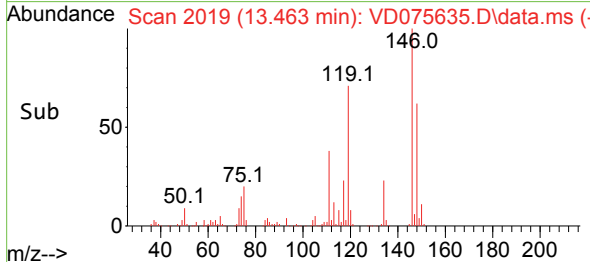
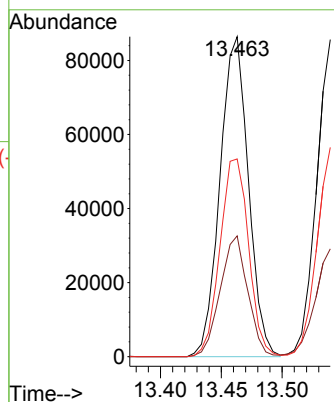
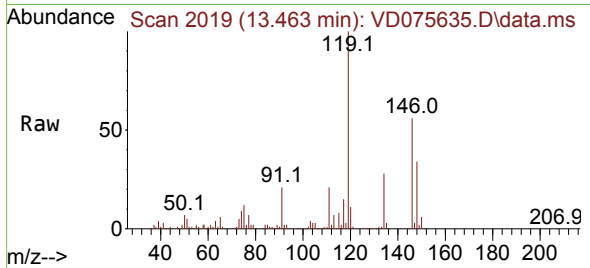




#87
 1,3-Dichlorobenzene
 Concen: 21.451 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075635.D
 Acq: 12 Apr 2023 12:51

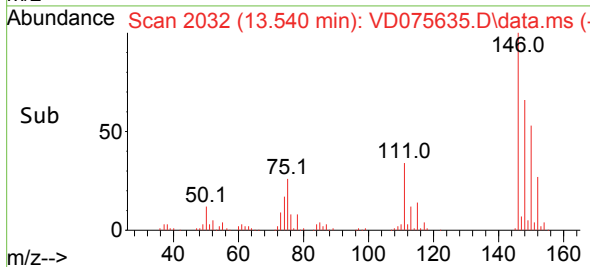
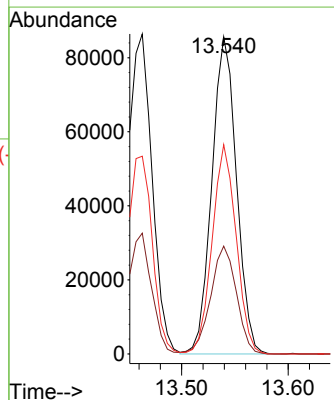
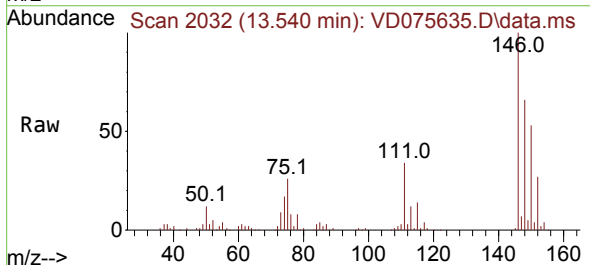
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0412SBS01

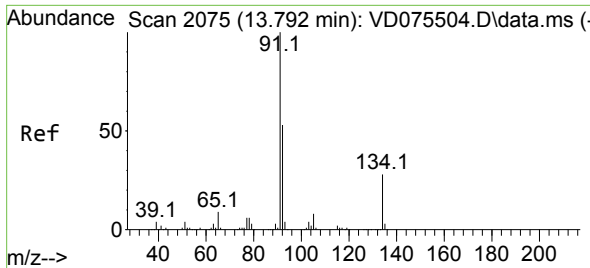
Tgt Ion:146 Resp: 140448
 Ion Ratio Lower Upper
 146 100
 111 36.6 19.8 59.3
 148 62.3 31.0 93.0



#88
 1,4-Dichlorobenzene
 Concen: 21.265 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. -0.005 min
 Lab File: VD075635.D
 Acq: 12 Apr 2023 12:51

Tgt Ion:146 Resp: 137701
 Ion Ratio Lower Upper
 146 100
 111 35.6 19.6 58.8
 148 64.4 31.7 95.1

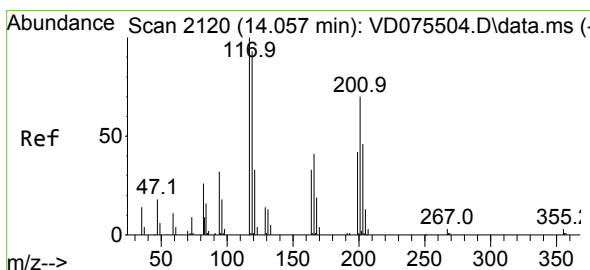
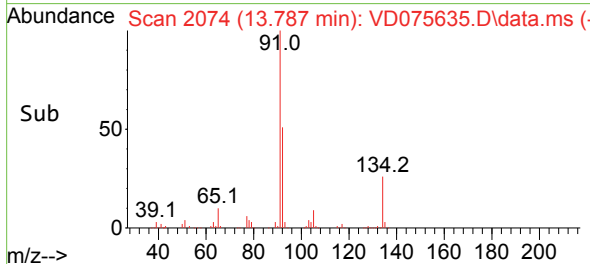
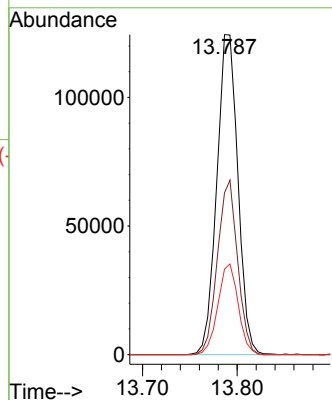
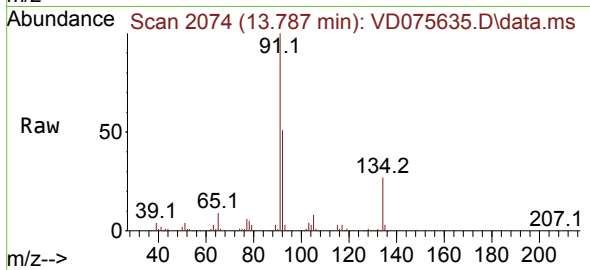




#89
n-Butylbenzene
Concen: 18.715 ug/l
RT: 13.787 min Scan# 2075
Delta R.T. -0.005 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

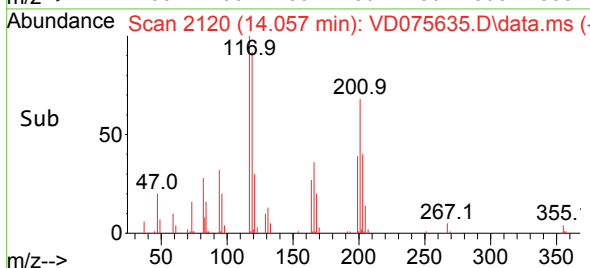
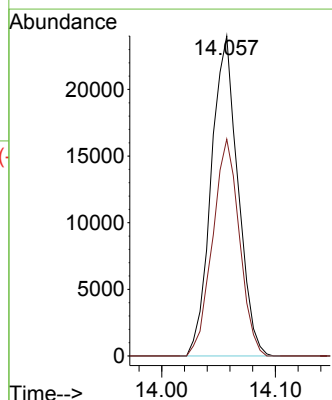
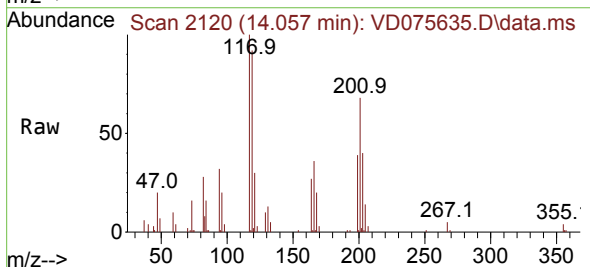
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

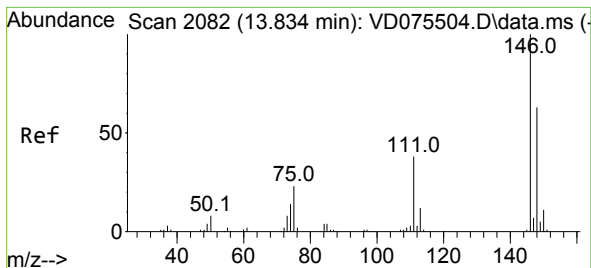
Tgt Ion: 91 Resp: 193082
Ion Ratio Lower Upper
91 100
92 52.1 26.2 78.5
134 27.4 12.7 38.0



#90
Hexachloroethane
Concen: 18.266 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075635.D
Acq: 12 Apr 2023 12:51

Tgt Ion: 117 Resp: 39208
Ion Ratio Lower Upper
117 100
201 68.0 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 17.333 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075635.D

Acq: 12 Apr 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0412SBS01

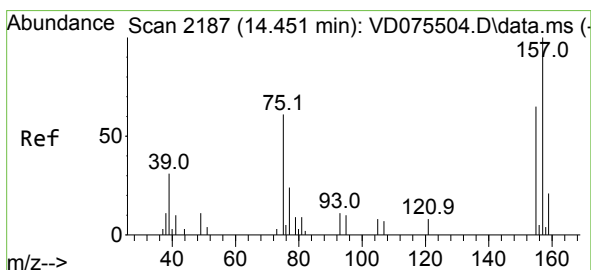
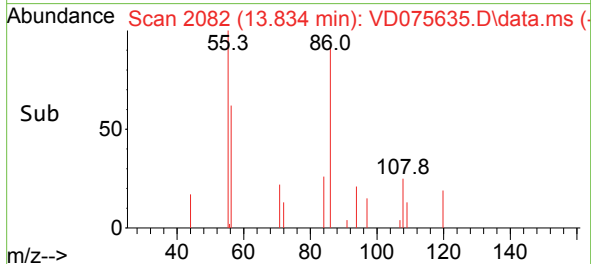
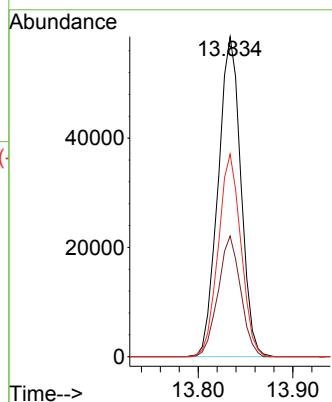
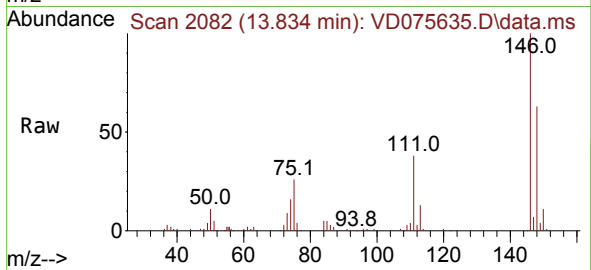
Tgt Ion:146 Resp: 97828

Ion Ratio Lower Upper

146 100

111 37.4 20.6 61.8

148 63.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.500 ug/l

RT: 14.457 min Scan# 2188

Delta R.T. 0.012 min

Lab File: VD075635.D

Acq: 12 Apr 2023 12:51

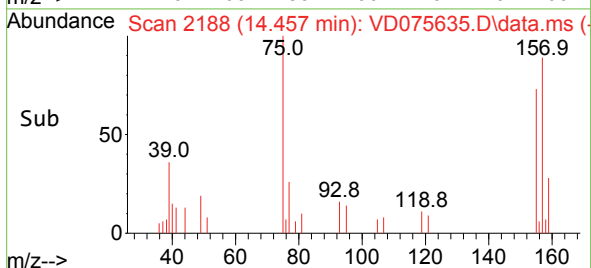
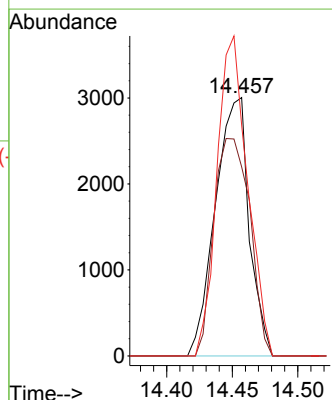
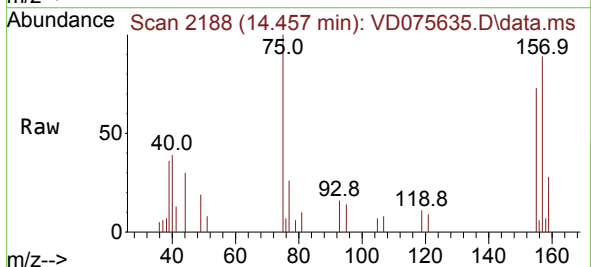
Tgt Ion: 75 Resp: 5377

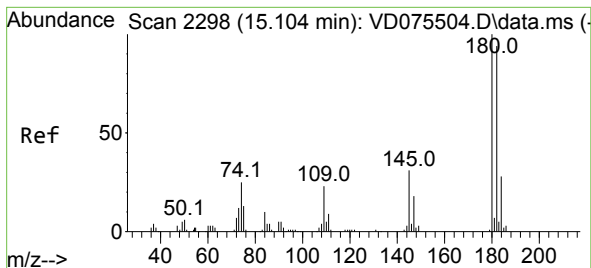
Ion Ratio Lower Upper

75 100

155 89.9 39.5 118.5

157 111.9 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 17.009 ug/l

RT: 15.098 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VD075635.D

Acq: 12 Apr 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0412SBS01

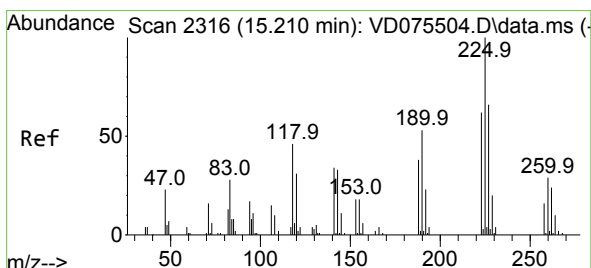
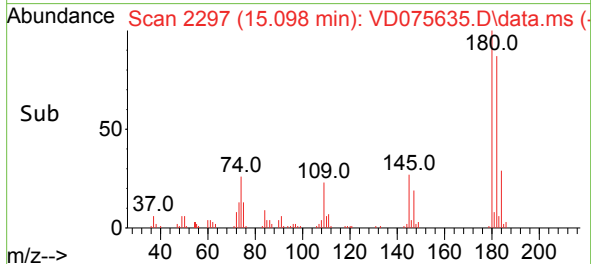
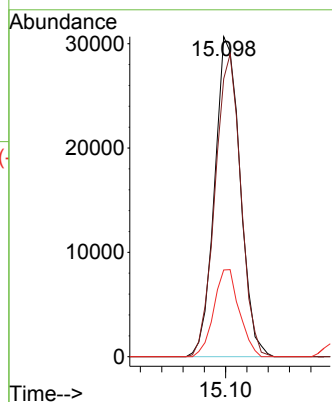
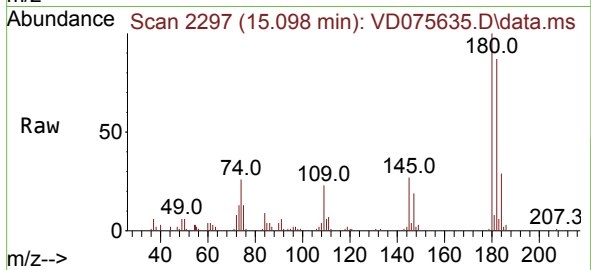
Tgt Ion:180 Resp: 50915

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.7

145 27.1 15.9 47.7



#94

Hexachlorobutadiene

Concen: 16.325 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.000 min

Lab File: VD075635.D

Acq: 12 Apr 2023 12:51

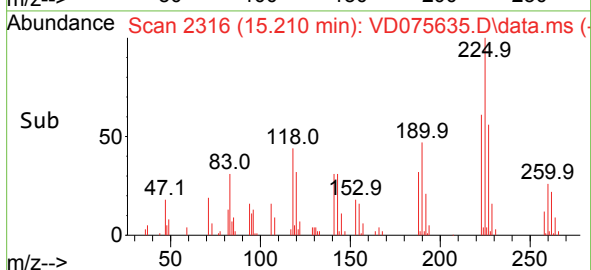
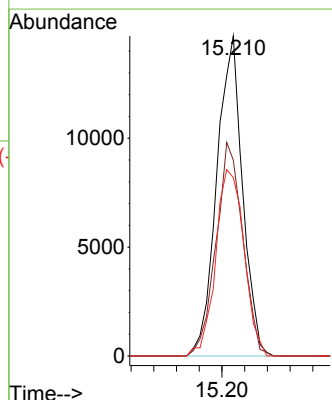
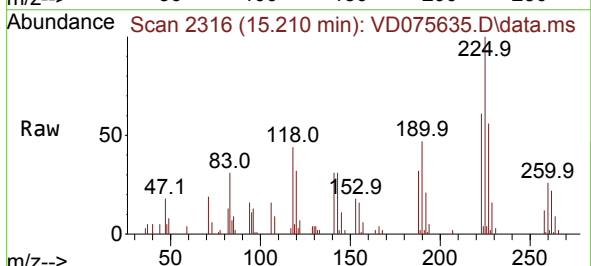
Tgt Ion:225 Resp: 23147

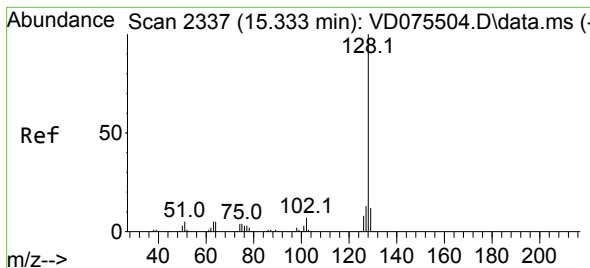
Ion Ratio Lower Upper

225 100

223 69.0 33.1 99.2

227 64.2 31.9 95.9





#95

Naphthalene

Concen: 15.933 ug/l

RT: 15.334 min Scan# 21

Delta R.T. -0.005 min

Lab File: VD075635.D

Acq: 12 Apr 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0412SBS01

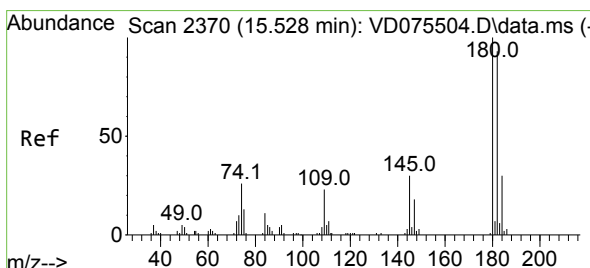
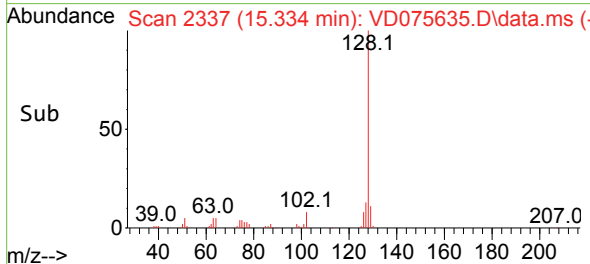
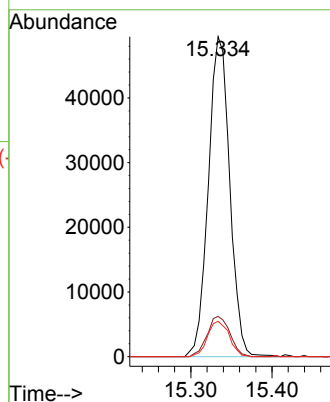
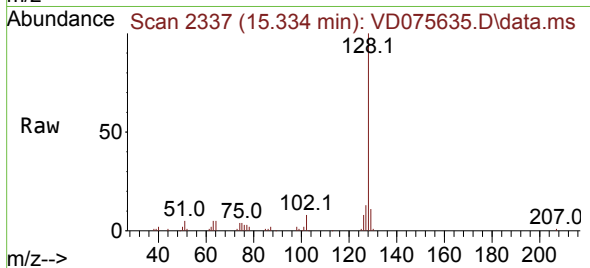
Tgt Ion:128 Resp: 90558

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 17.185 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD075635.D

Acq: 12 Apr 2023 12:51

Tgt Ion:180 Resp: 45577

Ion Ratio Lower Upper

180 100

182 91.9 47.7 143.1

145 31.5 16.4 49.4

