

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041423\
 Data File : VD075675 .D
 Acq On : 14 Apr 2023 12:58
 Operator : KP/SY
 Sample : VD0414SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 17 01:29:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	208774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	355887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	395301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	162687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	98330	49.620	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.240%
35) Dibromofluoromethane	7.805	113	117833	49.226	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.460%
50) Toluene-d8	10.269	98	468844	48.910	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.820%
62) 4-Bromofluorobenzene	12.575	95	133139	52.255	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	39841	20.538	ug/l	99
3) Chloromethane	2.146	50	71820	20.504	ug/l	100
4) Vinyl Chloride	2.281	62	94599	20.352	ug/l	98
5) Bromomethane	2.675	94	69287	19.092	ug/l	97
6) Chloroethane	2.828	64	62429	19.949	ug/l	97
7) Trichlorofluoromethane	3.170	101	75746	21.032	ug/l	95
8) Diethyl Ether	3.593	74	21374	19.068	ug/l	67
9) 1,1,2-Trichlorotrifluo...	3.969	101	46640	20.652	ug/l	94
10) Methyl Iodide	4.158	142	60319	19.515	ug/l	91
11) Tert butyl alcohol	5.046	59	10788	108.472	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	46614	19.934	ug/l	90
13) Acrolein	3.793	56	19532	97.364	ug/l	98
14) Allyl chloride	4.552	41	41609	19.538	ug/l #	79
15) Acrylonitrile	5.258	53	42730	102.063	ug/l	97
16) Acetone	4.017	43	36149	99.573	ug/l #	89
17) Carbon Disulfide	4.264	76	154462	20.185	ug/l	100
18) Methyl Acetate	4.564	43	26646	21.765	ug/l #	73
19) Methyl tert-butyl Ether	5.311	73	89220	19.660	ug/l	96
20) Methylene Chloride	4.793	84	63446	19.807	ug/l #	72
21) trans-1,2-Dichloroethene	5.305	96	55061	19.771	ug/l #	71
22) Diisopropyl ether	6.211	45	97476	20.256	ug/l #	87
23) Vinyl Acetate	6.152	43	231291	103.477	ug/l #	84
24) 1,1-Dichloroethane	6.111	63	80884	20.284	ug/l	94
25) 2-Butanone	7.081	43	48956	104.733	ug/l #	66
26) 2,2-Dichloropropane	7.075	77	71205	19.697	ug/l	92
27) cis-1,2-Dichloroethene	7.075	96	59724	19.359	ug/l	81
28) Bromochloromethane	7.428	49	24770	19.651	ug/l #	48
29) Tetrahydrofuran	7.446	42	27114	106.071	ug/l #	58
30) Chloroform	7.593	83	89463	19.790	ug/l	93
31) Cyclohexane	7.869	56	63421	20.395	ug/l #	77
32) 1,1,1-Trichloroethane	7.793	97	76412	20.730	ug/l	95
36) 1,1-Dichloropropene	8.005	75	67110	20.322	ug/l	92
37) Ethyl Acetate	7.175	43	21755	21.647	ug/l #	81
38) Carbon Tetrachloride	7.993	117	60060	20.653	ug/l	91
39) Methylcyclohexane	9.275	83	76722	20.092	ug/l	92
40) Benzene	8.252	78	204703	19.940	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041423\
 Data File : VD075675 .D
 Acq On : 14 Apr 2023 12:58
 Operator : KP/SY
 Sample : VD0414SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 17 01:29:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	9018	18.699	ug/l #	51
42) 1,2-Dichloroethane	8.328	62	47537	20.387	ug/l	91
43) Isopropyl Acetate	8.363	43	37881	20.671	ug/l #	79
44) Trichloroethene	9.028	130	55486	19.098	ug/l	93
45) 1,2-Dichloropropane	9.304	63	44636	19.403	ug/l	96
46) Dibromomethane	9.393	93	29316	20.087	ug/l	94
47) Bromodichloromethane	9.587	83	67680	20.273	ug/l	97
48) Methyl methacrylate	9.375	41	17536	21.478	ug/l #	64
49) 1,4-Dioxane	9.387	88	5846	403.734	ug/l #	78
51) 4-Methyl-2-Pentanone	10.157	43	97814	100.108	ug/l #	77
52) Toluene	10.334	92	133405	19.543	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	60953	19.046	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	73124	19.231	ug/l #	77
55) 1,1,2-Trichloroethane	10.734	97	41019	19.411	ug/l	94
56) Ethyl methacrylate	10.599	69	39537	19.012	ug/l #	67
57) 1,3-Dichloropropane	10.881	76	62294	19.418	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	92731	103.829	ug/l #	88
59) 2-Hexanone	10.922	43	70502	102.622	ug/l	75
60) Dibromochloromethane	11.075	129	47358	19.152	ug/l	99
61) 1,2-Dibromoethane	11.181	107	39072	19.383	ug/l	98
64) Tetrachloroethene	10.810	164	47346	16.631	ug/l	98
65) Chlorobenzene	11.610	112	171147	20.214	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	57698	19.822	ug/l	95
67) Ethyl Benzene	11.687	91	264141	19.223	ug/l	95
68) m/p-Xylenes	11.793	106	219388	38.958	ug/l	91
69) o-Xylene	12.122	106	106266	20.869	ug/l	87
70) Styrene	12.134	104	179076	19.435	ug/l	93
71) Bromoform	12.298	173	31401	20.637	ug/l #	96
73) Isopropylbenzene	12.422	105	242896	22.749	ug/l	97
74) N-amyl acetate	12.234	43	36957	23.555	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.675	83	46030	22.193	ug/l	94
76) 1,2,3-Trichloropropane	12.728	75	52331	39.445	ug/l #	100
77) Bromobenzene	12.698	156	54448	19.780	ug/l	94
78) n-propylbenzene	12.763	91	279618	21.365	ug/l	99
79) 2-Chlorotoluene	12.851	91	151966	20.472	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	186092	20.907	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	12937	21.135	ug/l #	74
82) 4-Chlorotoluene	12.945	91	156775	20.311	ug/l	93
83) tert-Butylbenzene	13.169	119	152621	20.335	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	187914	21.039	ug/l	96
85) sec-Butylbenzene	13.345	105	246228	21.266	ug/l	98
86) p-Isopropyltoluene	13.463	119	199205	20.667	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	114521	19.999	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	113441	20.052	ug/l	98
89) n-Butylbenzene	13.787	91	182538	20.559	ug/l	99
90) Hexachloroethane	14.057	117	40134	20.956	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	99811	20.347	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5501	19.785	ug/l	77
93) 1,2,4-Trichlorobenzene	15.098	180	53112	18.611	ug/l	99
94) Hexachlorobutadiene	15.210	225	26935	19.747	ug/l	94
95) Naphthalene	15.334	128	99610	18.424	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	47834	19.043	ug/l	93

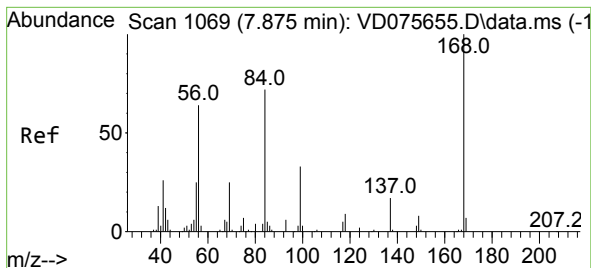
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041423\
Data File : VD075675 .D
Acq On : 14 Apr 2023 12:58
Operator : KP/SY
Sample : VD0414SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 17 01:29:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration

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

(#) = 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

Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

Instrument :

MSVOA_D

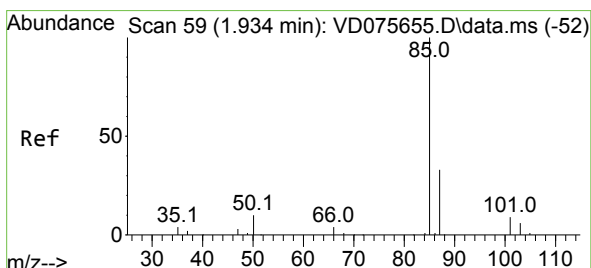
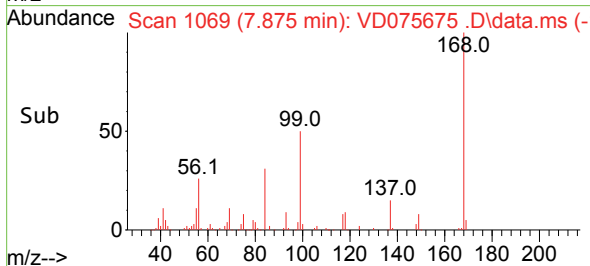
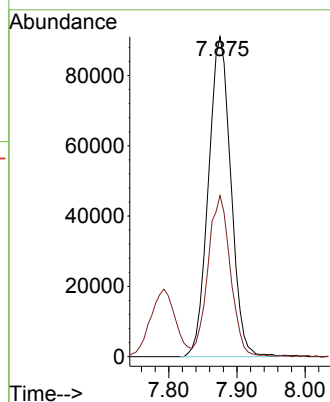
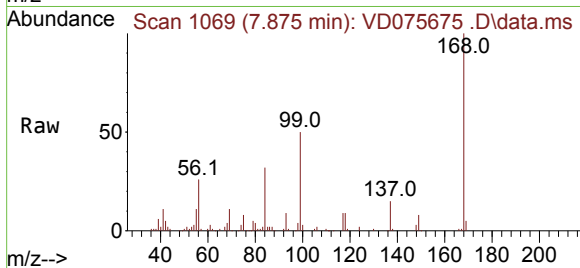
ClientSampleId :

Tgt Ion:168 Resp: 208774

Ion Ratio Lower Upper

168 100

99 50.0 43.8 65.6



#2

Dichlorodifluoromethane

Concen: 20.538 ug/l

RT: 1.928 min Scan# 58

Delta R.T. -0.006 min

Lab File: VD075675.D

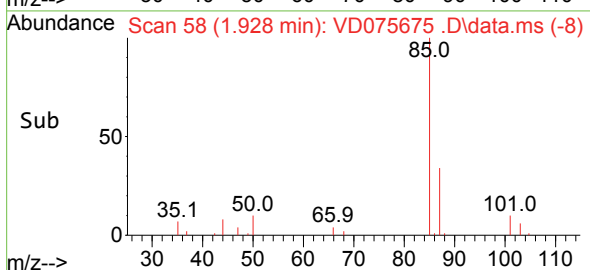
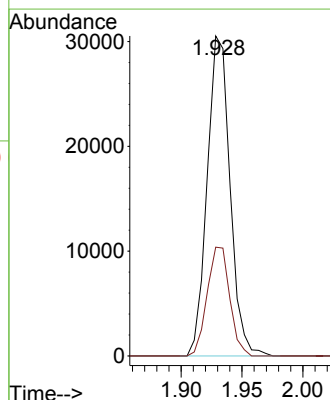
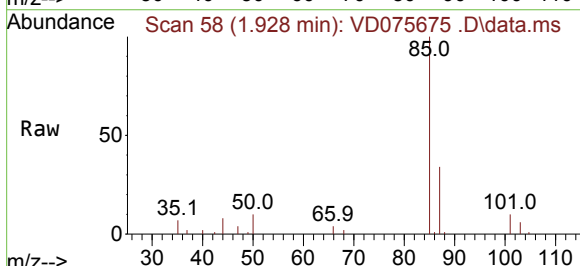
Acq: 14 Apr 2023 12:58

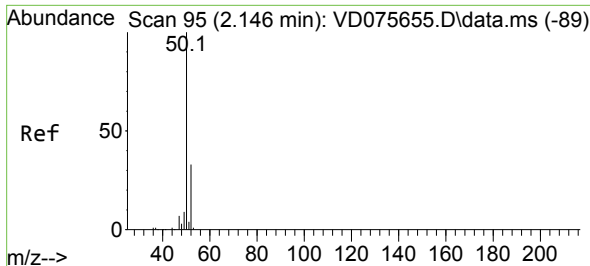
Tgt Ion: 85 Resp: 39841

Ion Ratio Lower Upper

85 100

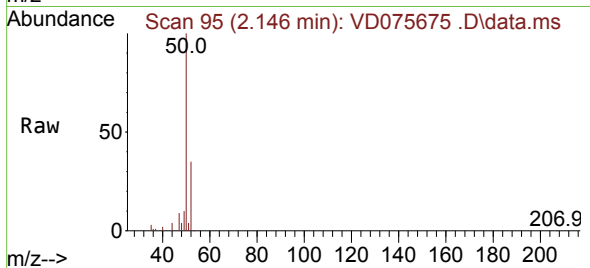
87 34.0 17.3 51.7



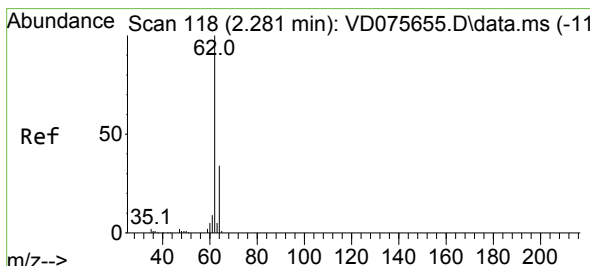
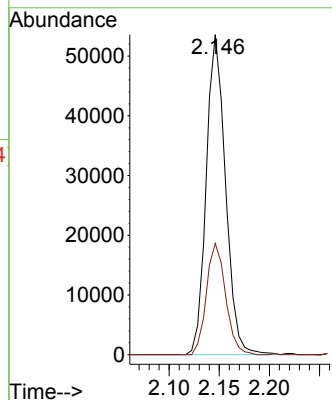
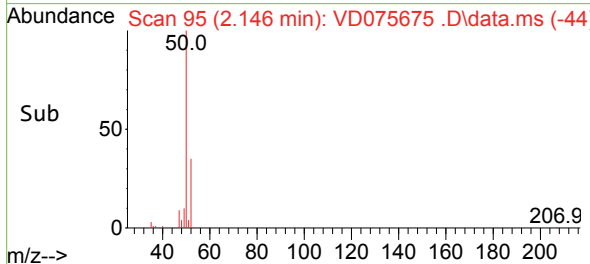


#3
Chloromethane
Concen: 20.504 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

Instrument :
MSVOA_D
ClientSampleId :

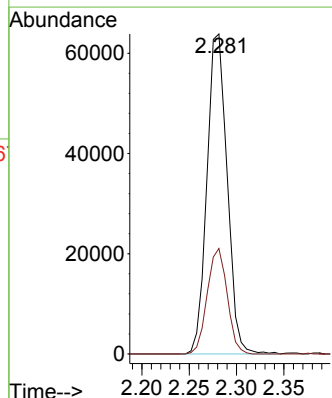
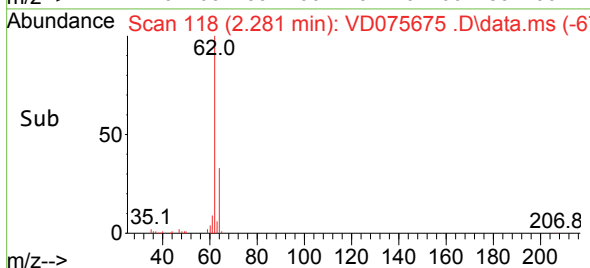
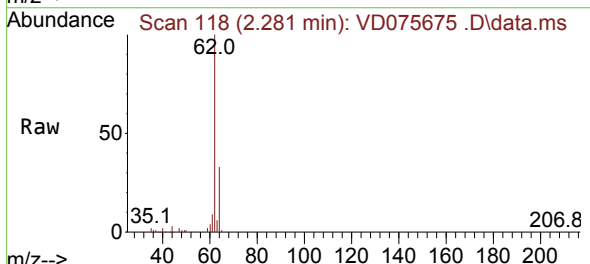


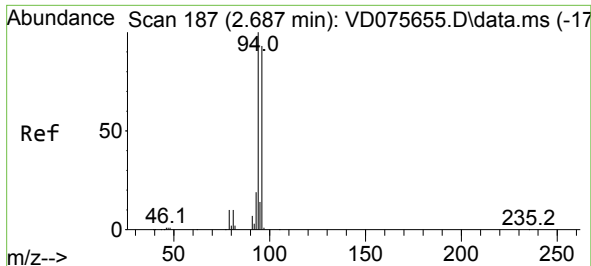
Tgt Ion: 50 Resp: 71820
Ion Ratio Lower Upper
50 100
52 34.8 27.8 41.8



#4
Vinyl Chloride
Concen: 20.352 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

Tgt Ion: 62 Resp: 94599
Ion Ratio Lower Upper
62 100
64 32.9 25.4 38.0

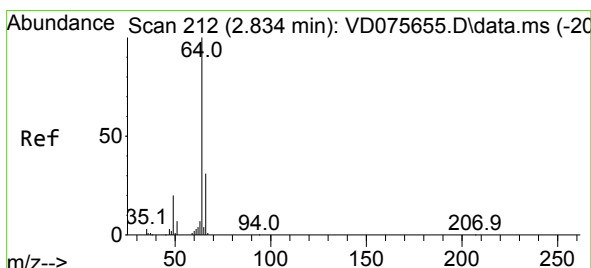
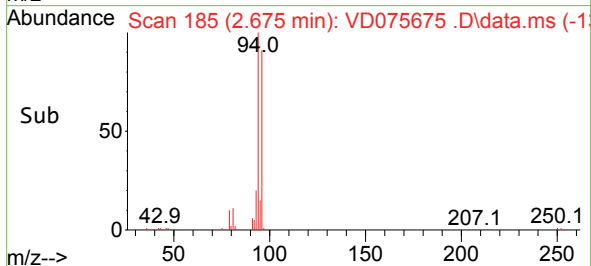
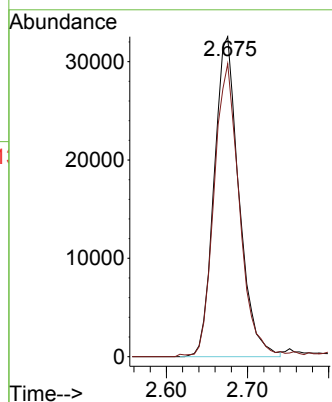
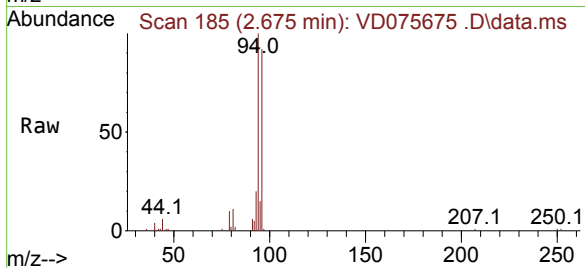




#5
Bromomethane
Concen: 19.092 ug/l
RT: 2.675 min Scan# 187
Delta R.T. -0.012 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

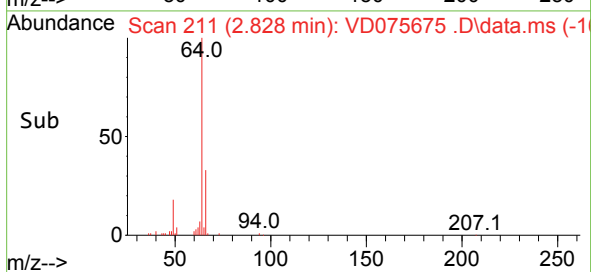
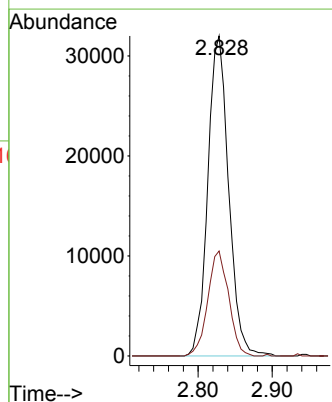
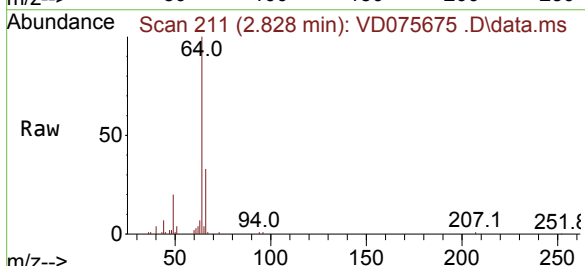
Instrument :
MSVOA_D
ClientSampleId :

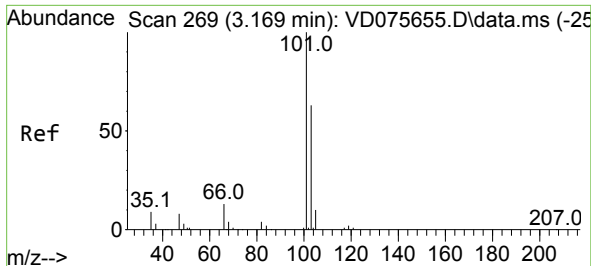
Tgt Ion: 94 Resp: 69287
Ion Ratio Lower Upper
94 100
96 93.6 77.5 116.3



#6
Chloroethane
Concen: 19.949 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

Tgt Ion: 64 Resp: 62429
Ion Ratio Lower Upper
64 100
66 32.8 27.7 41.5

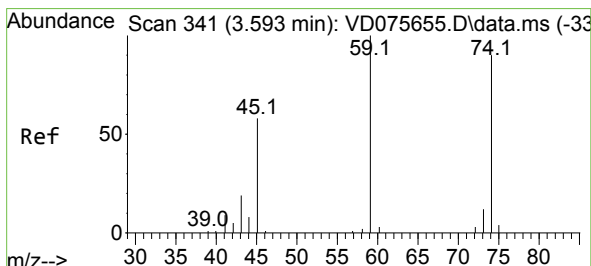
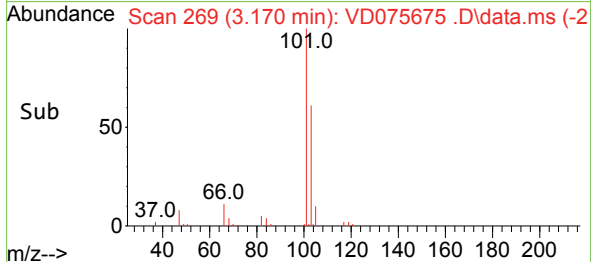
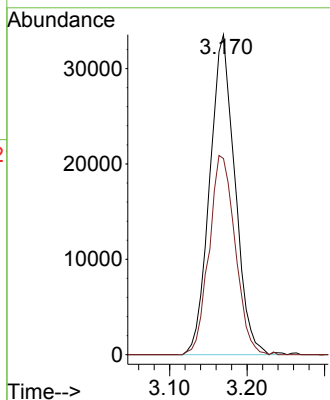
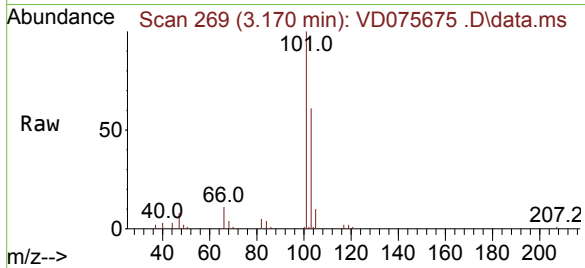




#7
Trichlorofluoromethane
Concen: 21.032 ug/l
RT: 3.170 min Scan# 201
Delta R.T. 0.001 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

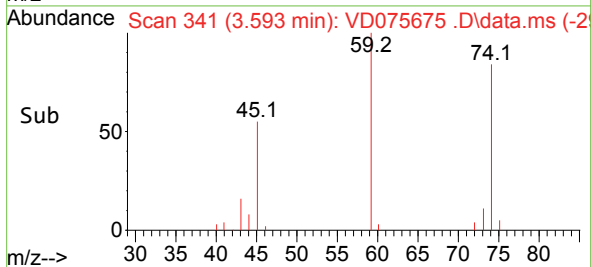
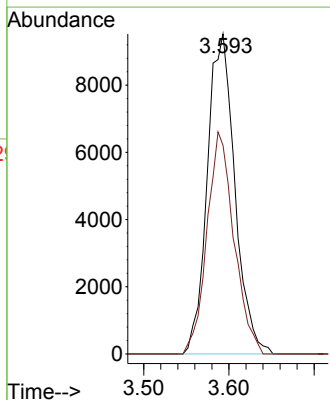
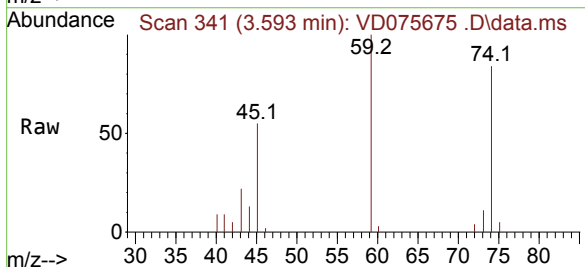
Instrument :
MSVOA_D
ClientSampleId :

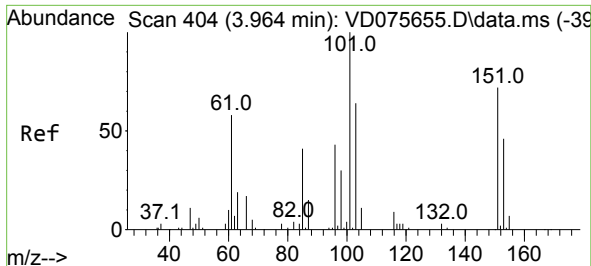
Tgt Ion:101 Resp: 75746
Ion Ratio Lower Upper
101 100
103 61.3 51.9 77.9



#8
Diethyl Ether
Concen: 19.068 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

Tgt Ion: 74 Resp: 21374
Ion Ratio Lower Upper
74 100
45 68.0 50.9 152.7

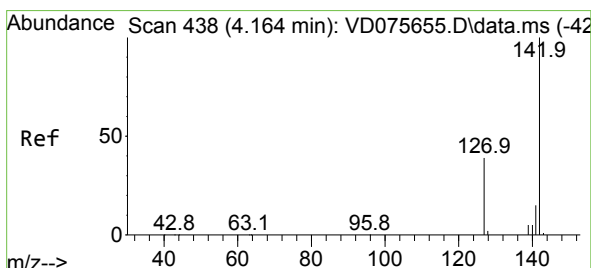
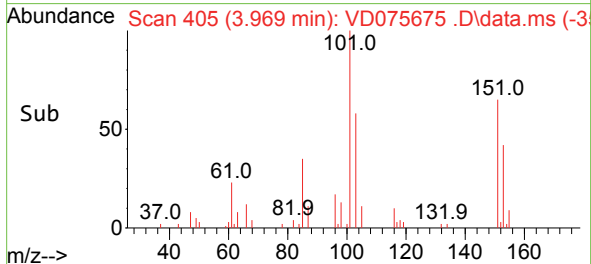
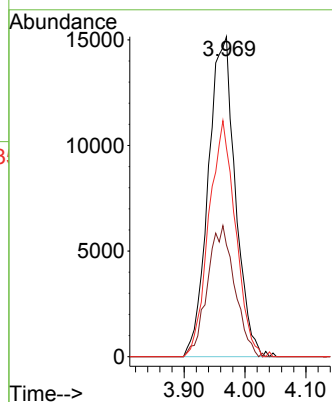
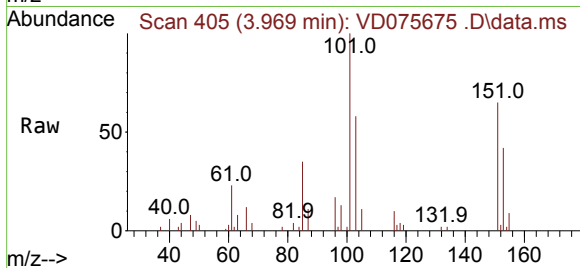




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.652 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.005 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

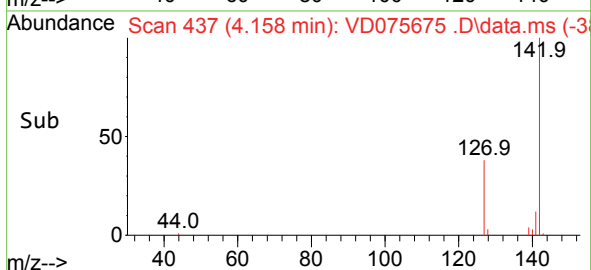
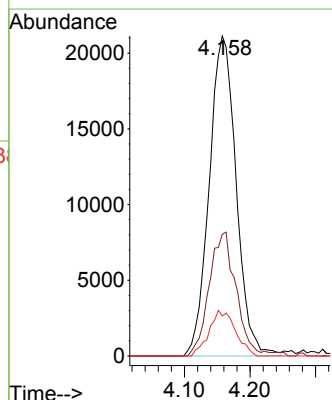
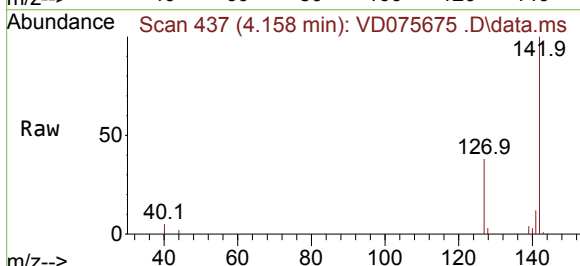
Instrument :
MSVOA_D
ClientSampleId :

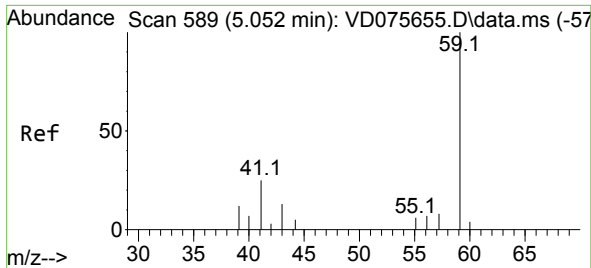
Tgt Ion:101 Resp: 46640
Ion Ratio Lower Upper
101 100
85 41.6 38.3 57.5
151 72.6 60.4 90.6



#10
Methyl Iodide
Concen: 19.515 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

Tgt Ion:142 Resp: 60319
Ion Ratio Lower Upper
142 100
127 38.6 37.1 55.7
141 13.9 11.3 16.9





#11

Tert butyl alcohol

Concen: 108.472 ug/l

RT: 5.046 min Scan# 51

Delta R.T. -0.006 min

Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

Instrument :

MSVOA_D

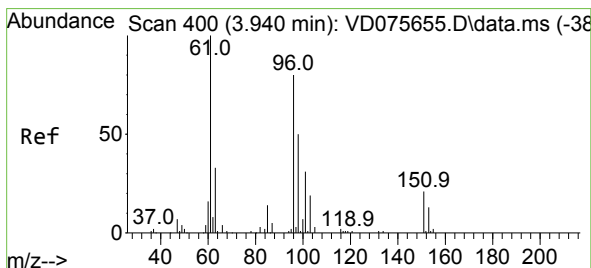
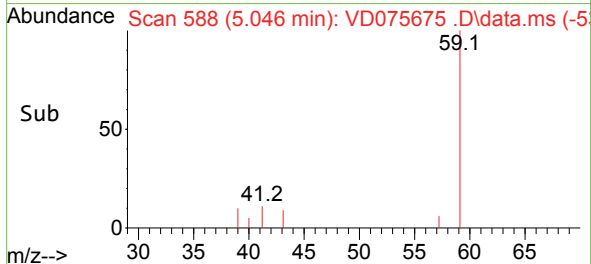
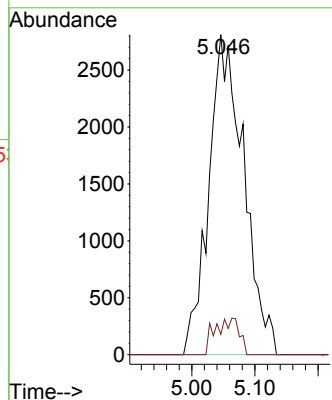
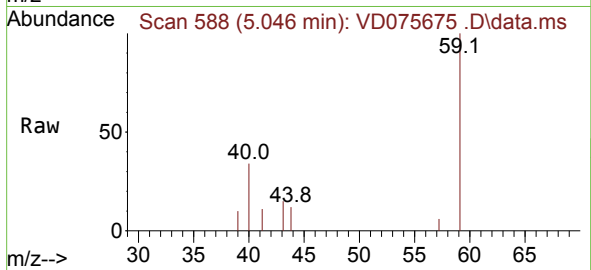
ClientSampleId :

Tgt Ion: 59 Resp: 10788

Ion Ratio Lower Upper

59 100

57 7.9 0.0 0.0#



#12

1,1-Dichloroethene

Concen: 19.934 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.006 min

Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

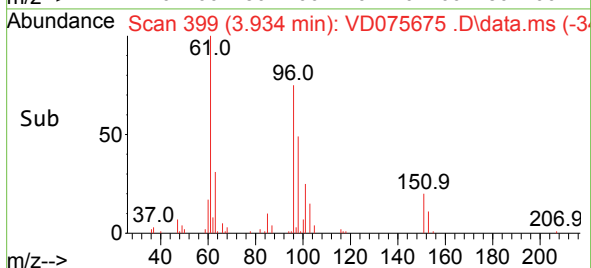
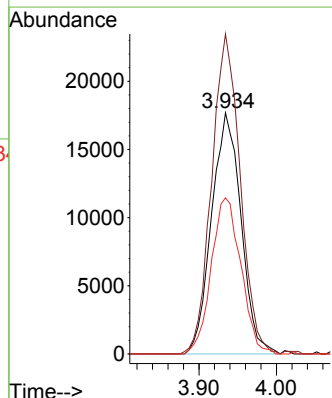
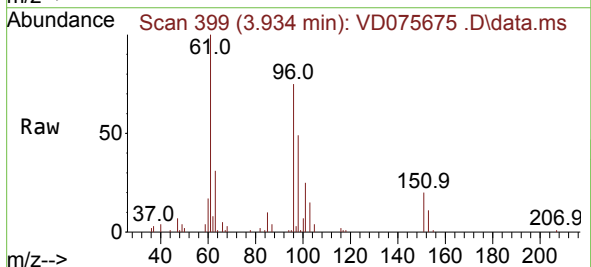
Tgt Ion: 96 Resp: 46614

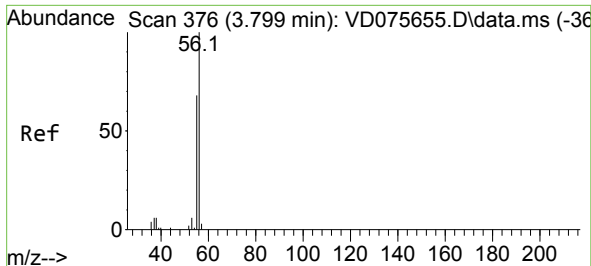
Ion Ratio Lower Upper

96 100

61 132.7 118.6 177.8

98 64.8 49.7 74.5





#13

Acrolein

Concen: 97.364 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD075675 .D

Acq: 14 Apr 2023 12:58

Instrument :

MSVOA_D

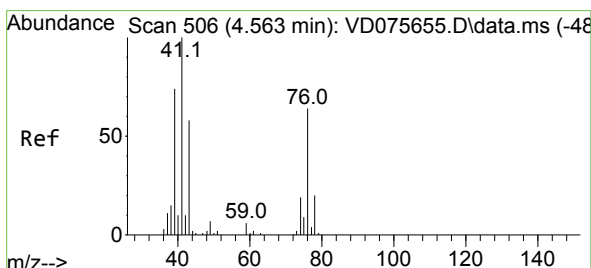
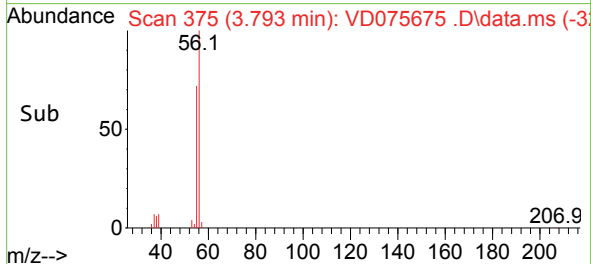
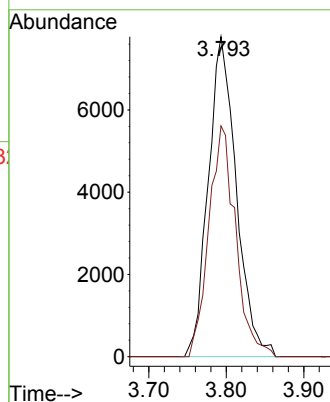
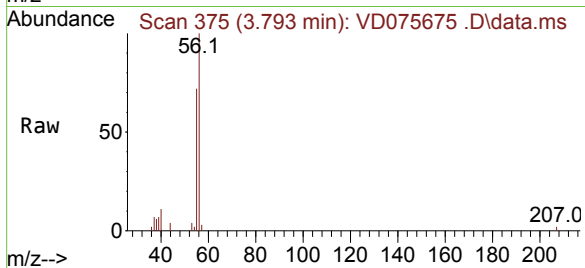
ClientSampleId :

Tgt Ion: 56 Resp: 19532

Ion Ratio Lower Upper

56 100

55 68.9 53.9 80.9



#14

Allyl chloride

Concen: 19.538 ug/l

RT: 4.552 min Scan# 504

Delta R.T. -0.011 min

Lab File: VD075675 .D

Acq: 14 Apr 2023 12:58

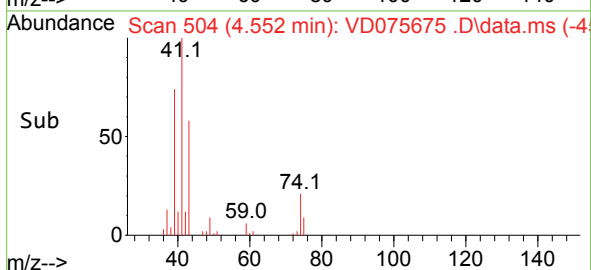
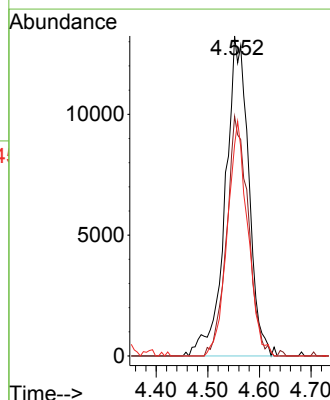
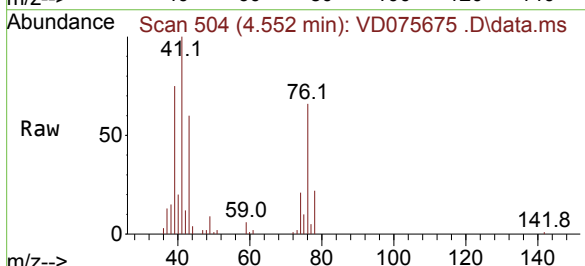
Tgt Ion: 41 Resp: 41609

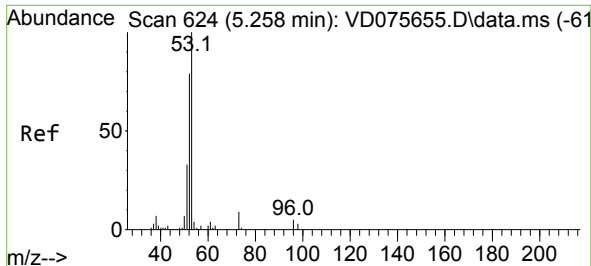
Ion Ratio Lower Upper

41 100

39 69.1 60.6 90.8

76 64.5 28.6 43.0#

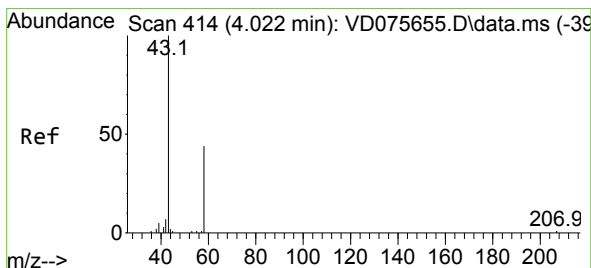
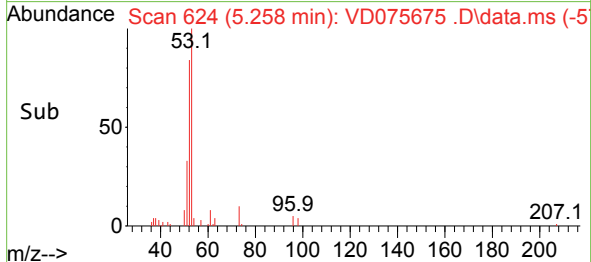
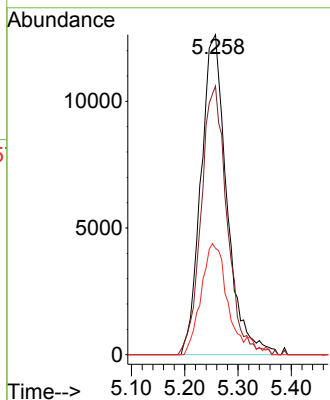
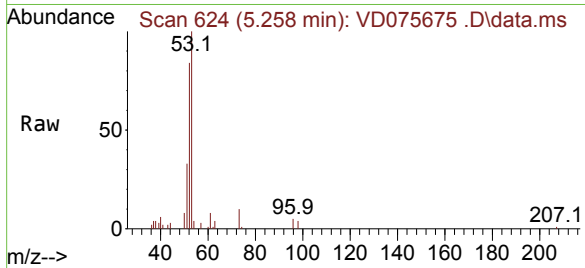




#15
Acrylonitrile
Concen: 102.063 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075675 .D
Acq: 14 Apr 2023 12:58

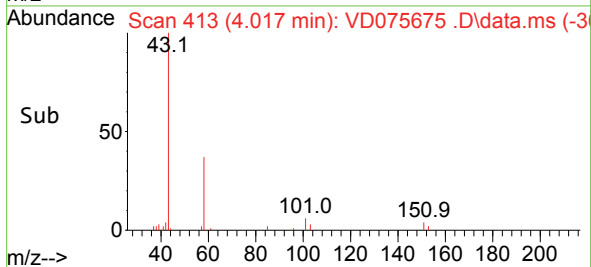
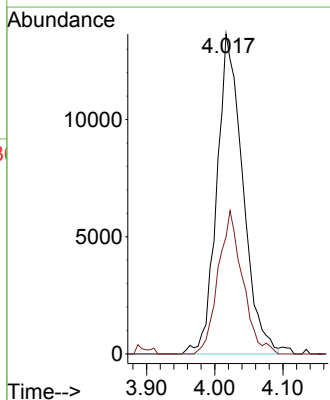
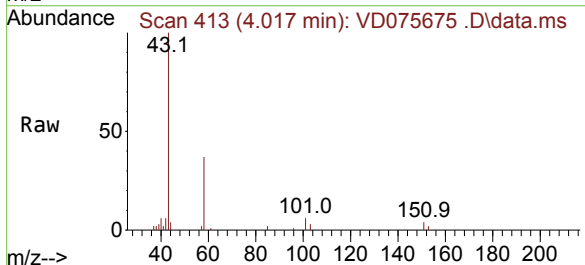
Instrument :
MSVOA_D
ClientSampleId :

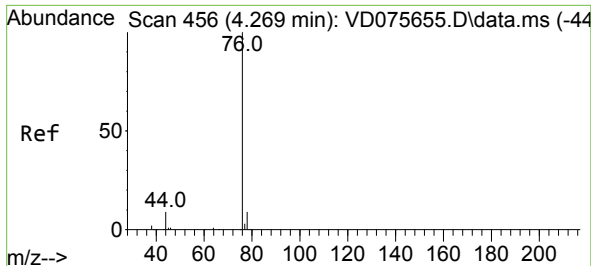
Tgt Ion: 53 Resp: 42730
Ion Ratio Lower Upper
53 100
52 83.7 66.2 99.4
51 34.2 30.7 46.1



#16
Acetone
Concen: 99.573 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD075675 .D
Acq: 14 Apr 2023 12:58

Tgt Ion: 43 Resp: 36149
Ion Ratio Lower Upper
43 100
58 36.6 24.4 36.6#

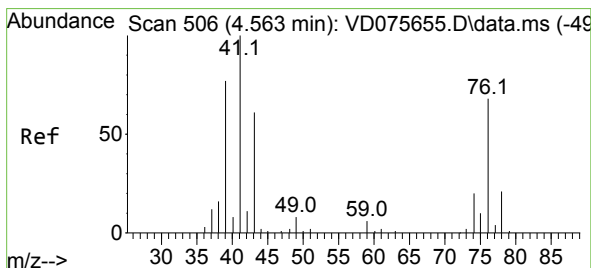
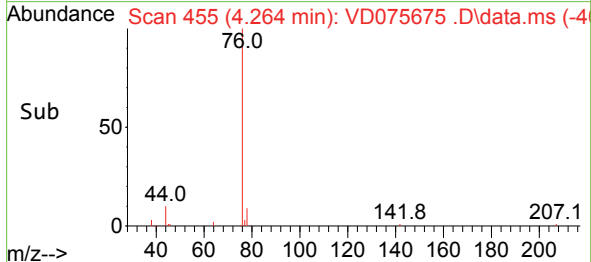
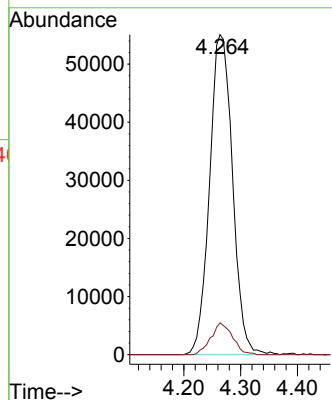
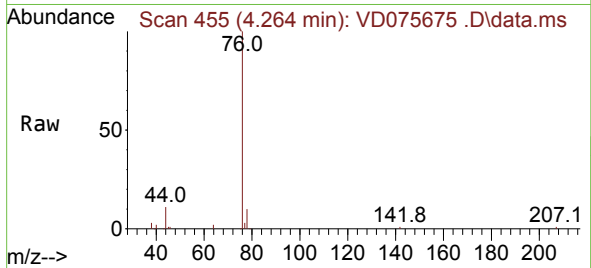




#17
Carbon Disulfide
Concen: 20.185 ug/l
RT: 4.264 min Scan# 455
Delta R.T. -0.005 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

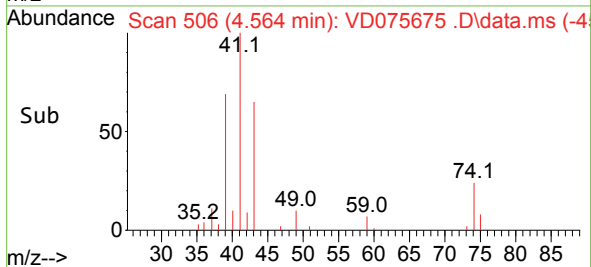
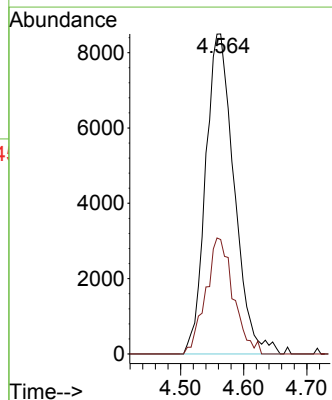
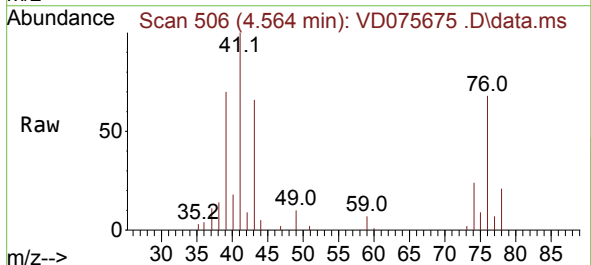
Instrument :
MSVOA_D
ClientSampleId :

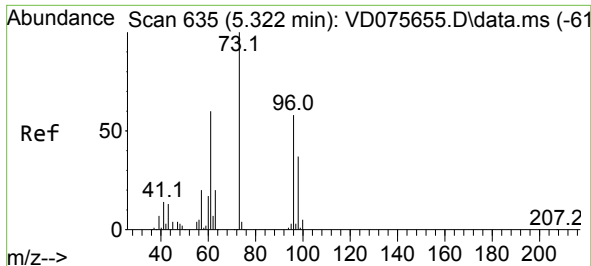
Tgt Ion: 76 Resp: 154462
Ion Ratio Lower Upper
76 100
78 9.9 8.0 12.0



#18
Methyl Acetate
Concen: 21.765 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

Tgt Ion: 43 Resp: 26646
Ion Ratio Lower Upper
43 100
74 35.0 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 19.660 ug/l

RT: 5.311 min Scan# 61

Delta R.T. -0.011 min

Lab File: VD075675 .D

Acq: 14 Apr 2023 12:58

Instrument :

MSVOA_D

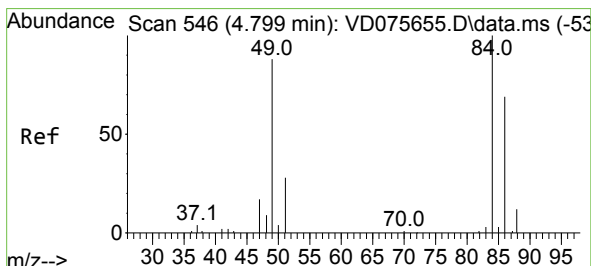
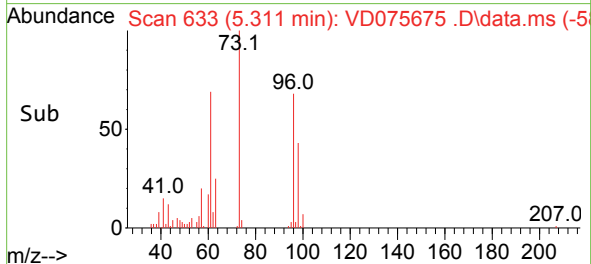
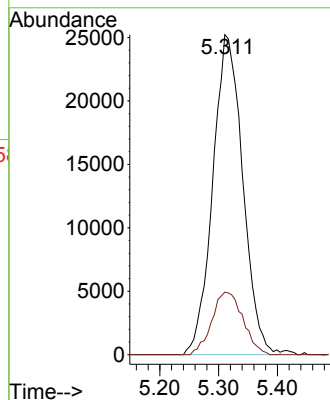
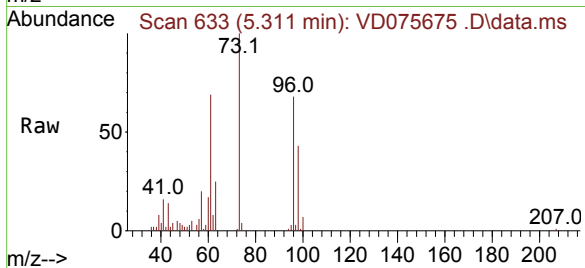
ClientSampleId :

Tgt Ion: 73 Resp: 89220

Ion Ratio Lower Upper

73 100

57 19.5 17.2 25.8



#20

Methylene Chloride

Concen: 19.807 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD075675 .D

Acq: 14 Apr 2023 12:58

Tgt Ion: 84 Resp: 63446

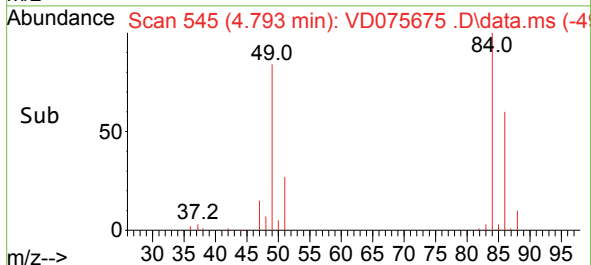
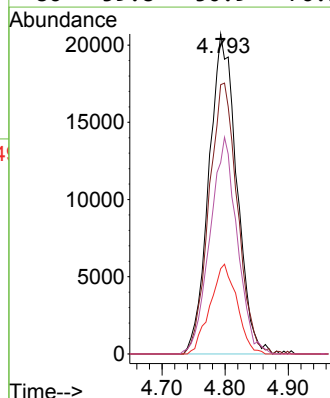
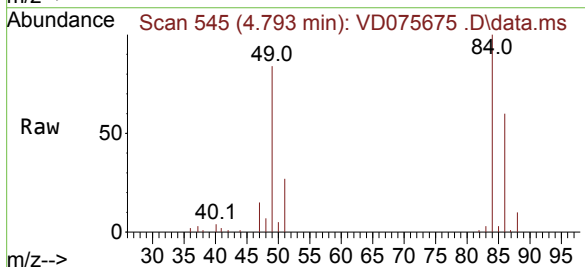
Ion Ratio Lower Upper

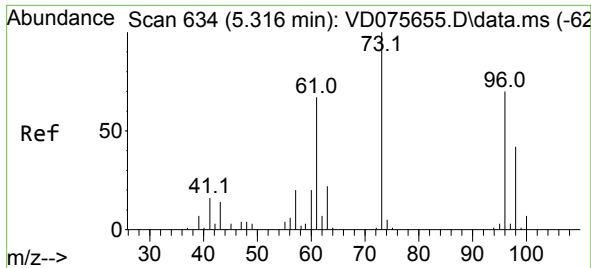
84 100

49 84.2 106.4 159.6#

51 26.7 32.4 48.6#

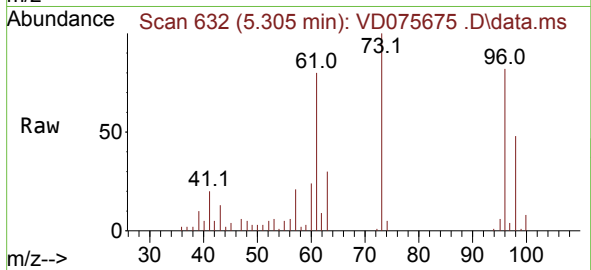
86 59.8 50.9 76.3



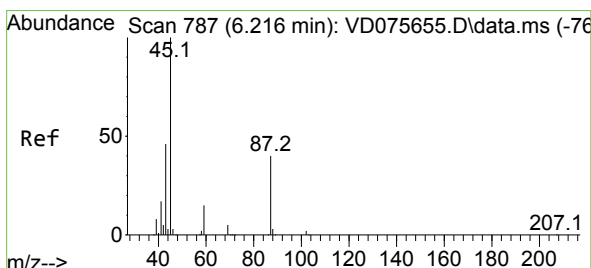
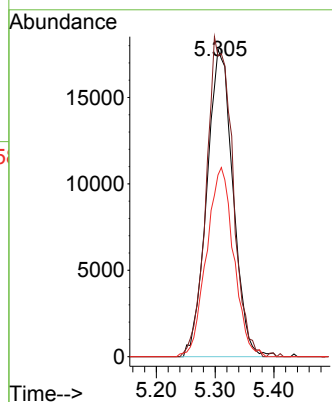
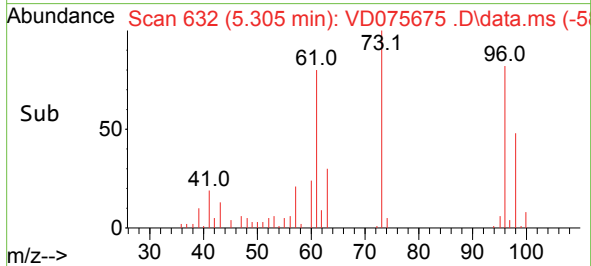


#21
trans-1,2-Dichloroethene
Concen: 19.771 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD075675 .D
Acq: 14 Apr 2023 12:58

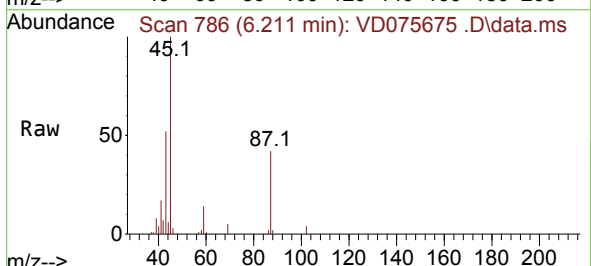
Instrument :
MSVOA_D
ClientSampleId :



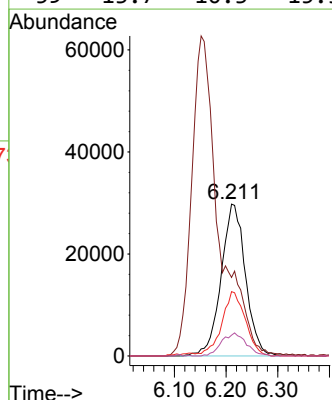
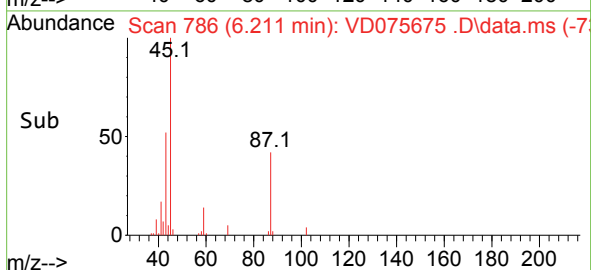
Tgt Ion: 96 Resp: 55061
Ion Ratio Lower Upper
96 100
61 97.8 117.2 175.8#
98 59.1 50.6 76.0

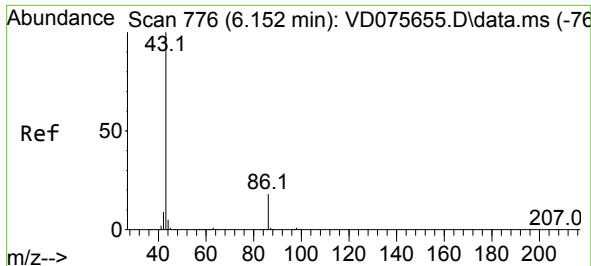


#22
Diisopropyl ether
Concen: 20.256 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.005 min
Lab File: VD075675 .D
Acq: 14 Apr 2023 12:58



Tgt Ion: 45 Resp: 97476
Ion Ratio Lower Upper
45 100
43 50.2 44.4 66.6
87 42.4 20.9 31.3#
59 13.7 10.3 15.5

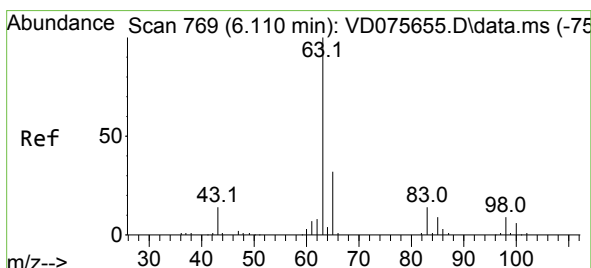
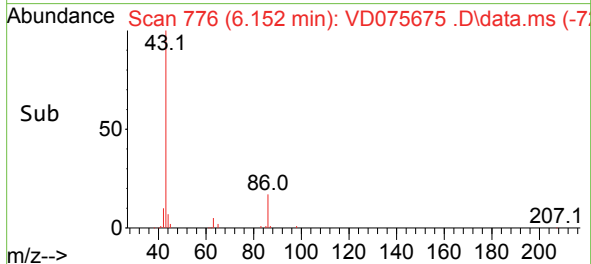
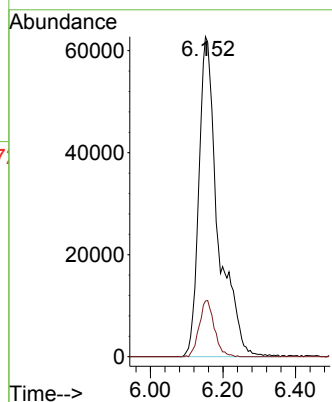
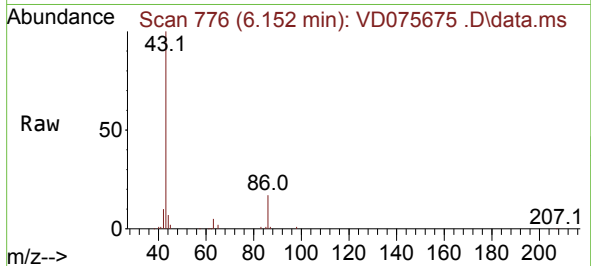




#23
 Vinyl Acetate
 Concen: 103.477 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD075675.D
 Acq: 14 Apr 2023 12:58

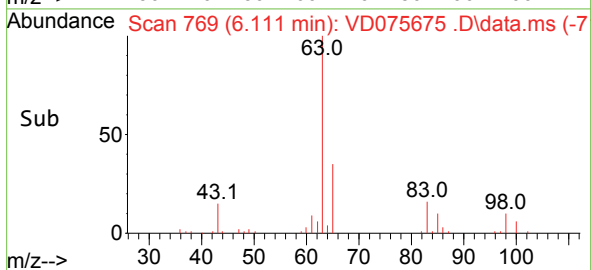
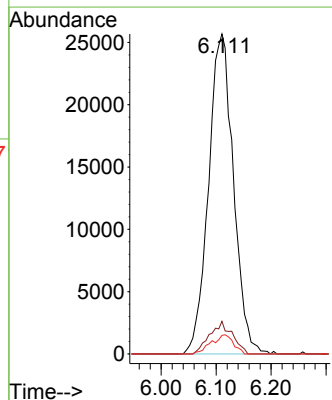
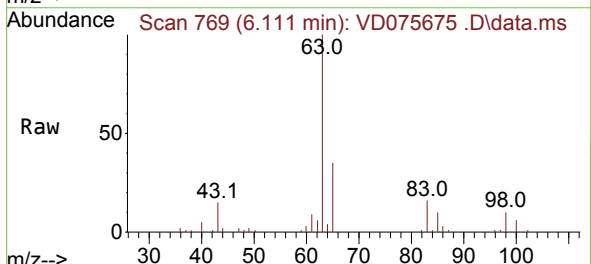
Instrument :
 MSVOA_D
 ClientSampleId :

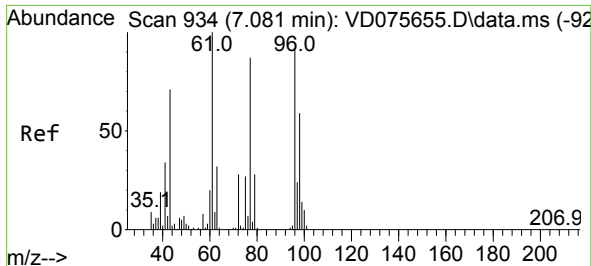
Tgt Ion: 43 Resp: 231291
 Ion Ratio Lower Upper
 43 100
 86 17.4 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 20.284 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.001 min
 Lab File: VD075675.D
 Acq: 14 Apr 2023 12:58

Tgt Ion: 63 Resp: 80884
 Ion Ratio Lower Upper
 63 100
 98 10.2 3.9 11.7
 100 5.8 2.0 6.0

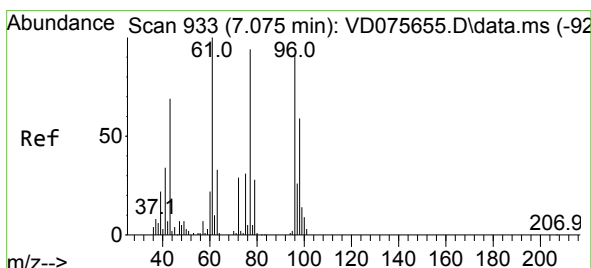
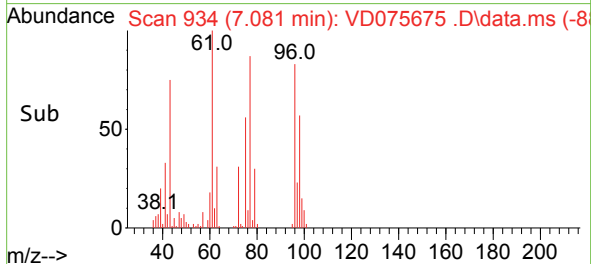
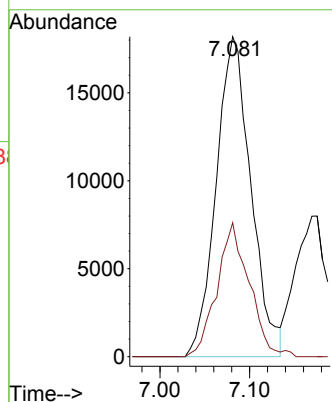
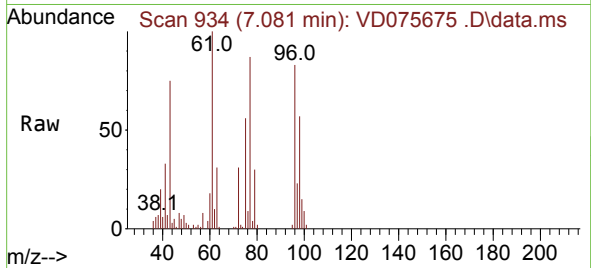




#25
2-Butanone
Concen: 104.733 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075675 .D
Acq: 14 Apr 2023 12:58

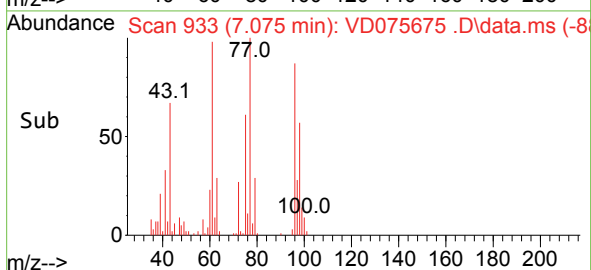
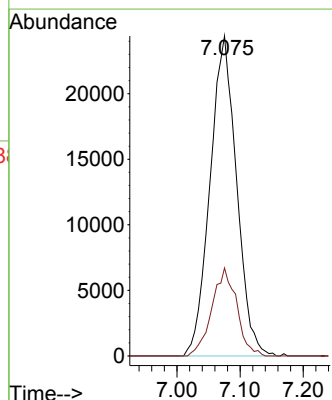
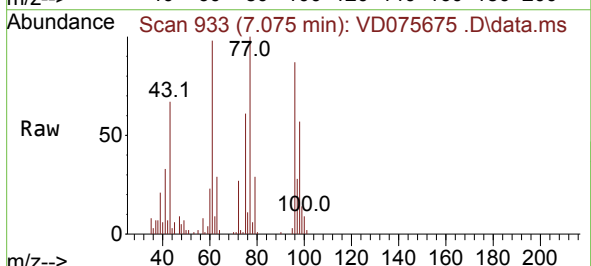
Instrument :
MSVOA_D
ClientSampleId :

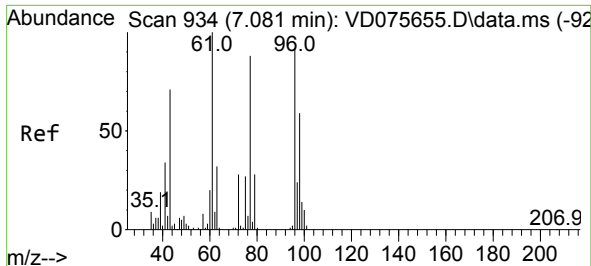
Tgt Ion: 43 Resp: 48956
Ion Ratio Lower Upper
43 100
72 41.8 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 19.697 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD075675 .D
Acq: 14 Apr 2023 12:58

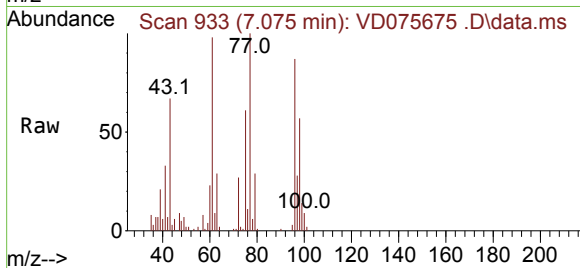
Tgt Ion: 77 Resp: 71205
Ion Ratio Lower Upper
77 100
97 25.7 11.1 33.1



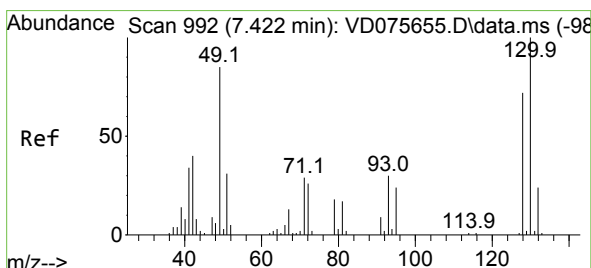
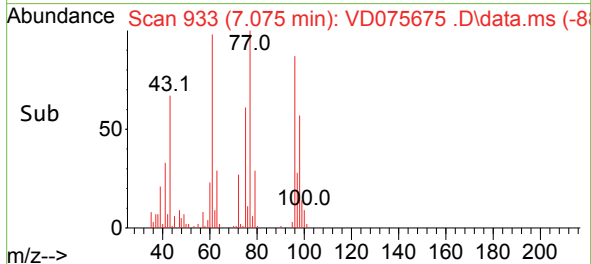
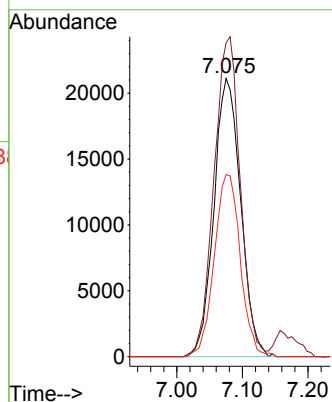


#27
 cis-1,2-Dichloroethene
 Concen: 19.359 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD075675 .D
 Acq: 14 Apr 2023 12:58

Instrument :
 MSVOA_D
 ClientSampleId :

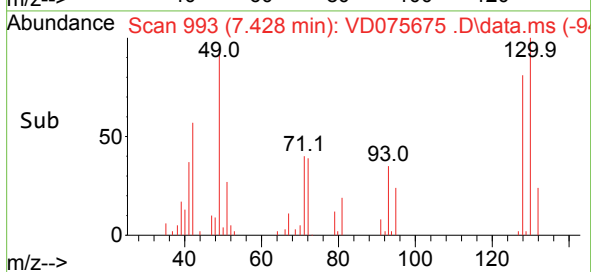
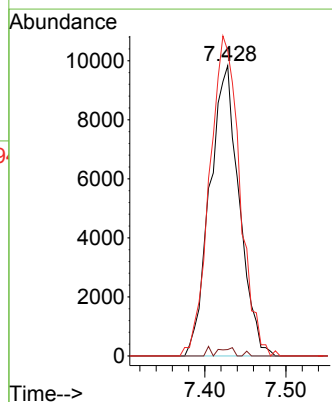
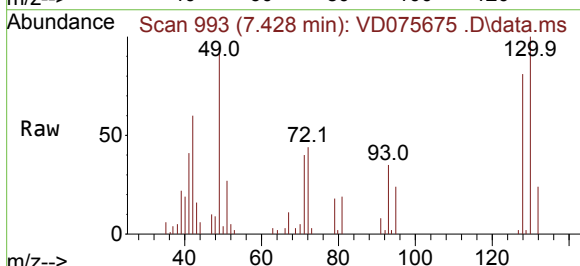


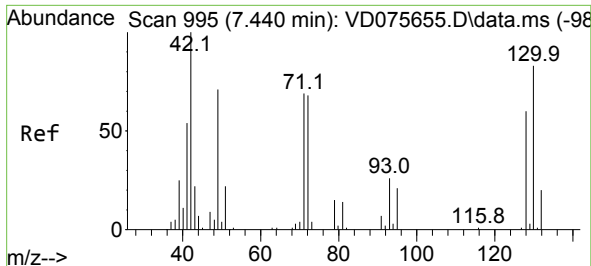
Tgt Ion: 96 Resp: 59724
 Ion Ratio Lower Upper
 96 100
 61 113.0 0.0 295.2
 98 63.7 0.0 129.2



#28
 Bromochloromethane
 Concen: 19.651 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD075675 .D
 Acq: 14 Apr 2023 12:58

Tgt Ion: 49 Resp: 24770
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 2.2
 130 113.1 56.0 84.0#





#29

Tetrahydrofuran

Concen: 106.071 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

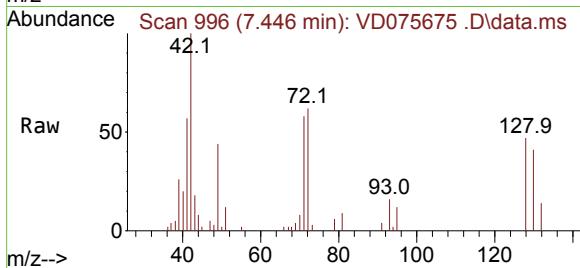
Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

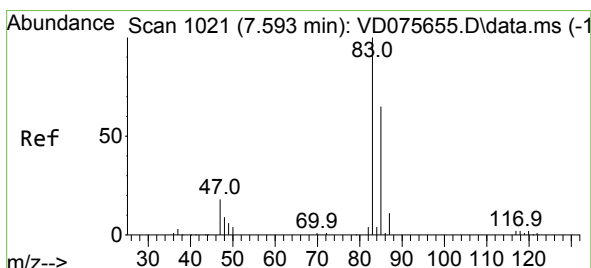
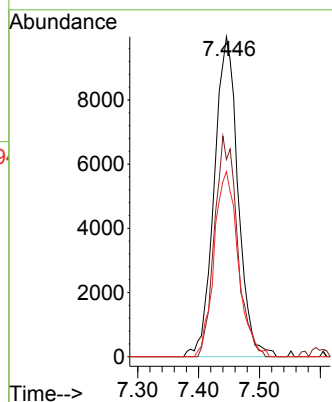
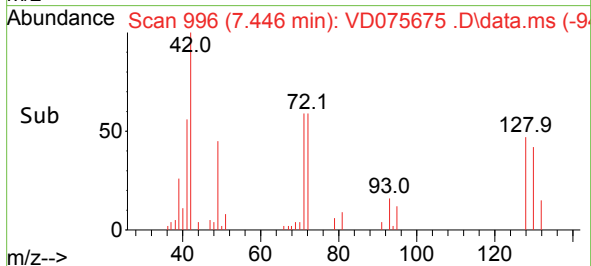
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	27114
Ion	Ratio	Lower	Upper
42	100		
72	65.7	31.8	47.6#
71	58.5	27.6	41.4#



#30

Chloroform

Concen: 19.790 ug/l

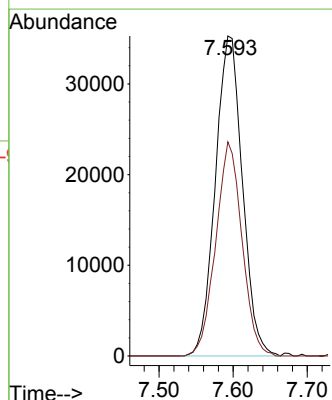
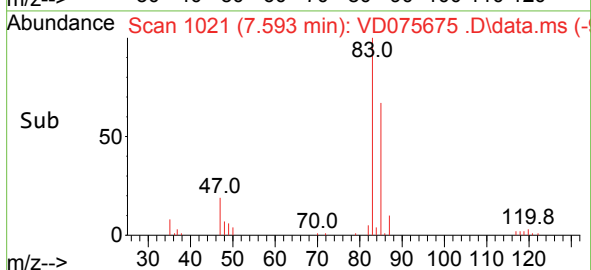
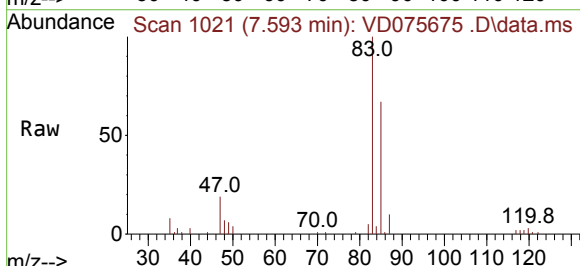
RT: 7.593 min Scan# 1021

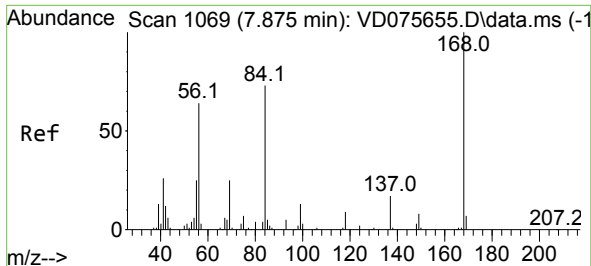
Delta R.T. -0.000 min

Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

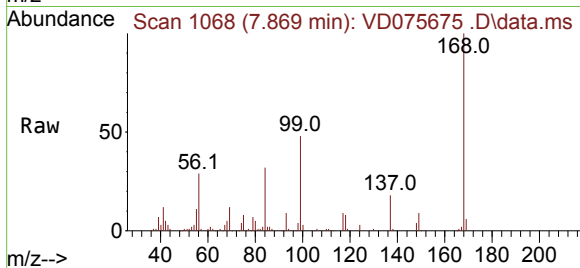
Tgt Ion:	83	Resp:	89463
Ion	Ratio	Lower	Upper
83	100		
85	66.9	49.4	74.2



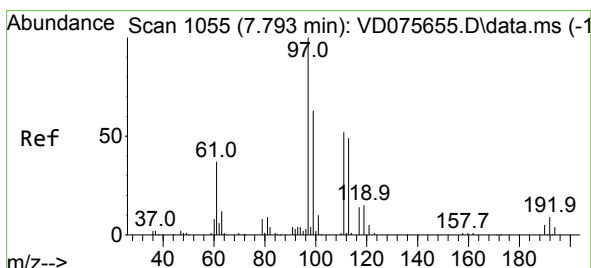
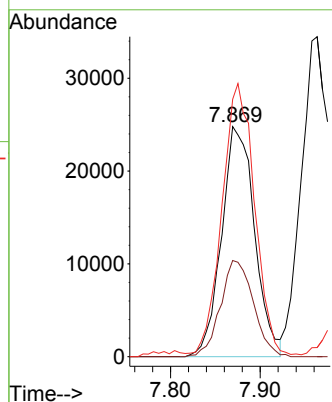
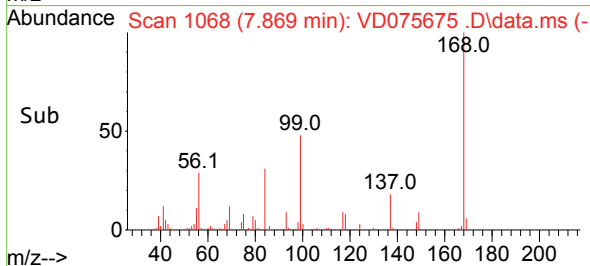


#31
Cyclohexane
Concen: 20.395 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

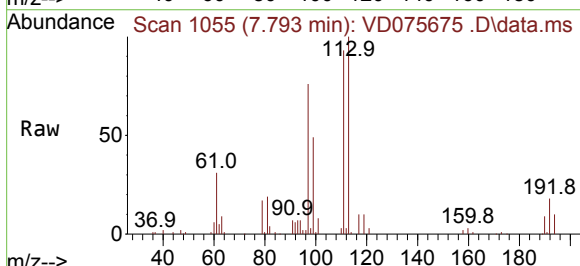
Instrument :
MSVOA_D
ClientSampleId :



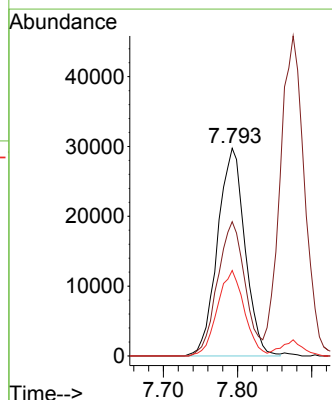
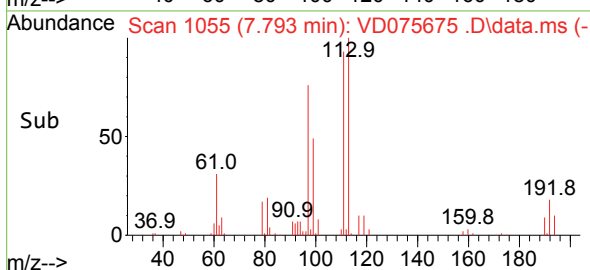
Tgt Ion: 56 Resp: 63421
Ion Ratio Lower Upper
56 100
69 41.8 25.5 38.3#
84 110.2 69.6 104.4#

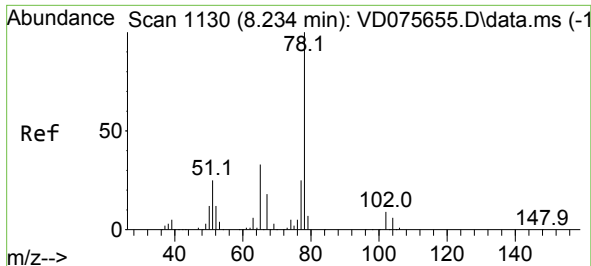


#32
1,1,1-Trichloroethane
Concen: 20.730 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58



Tgt Ion: 97 Resp: 76412
Ion Ratio Lower Upper
97 100
99 65.1 50.5 75.7
61 40.4 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 49.620 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

Instrument :

MSVOA_D

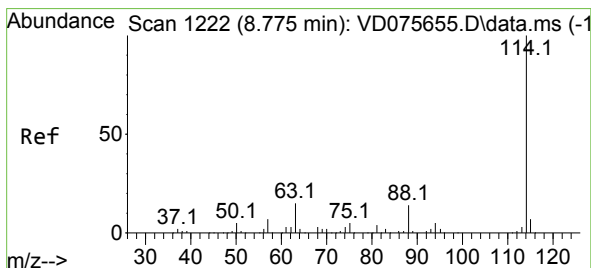
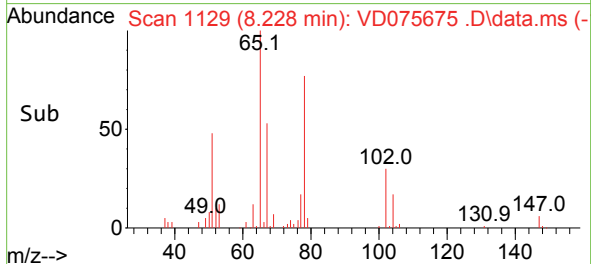
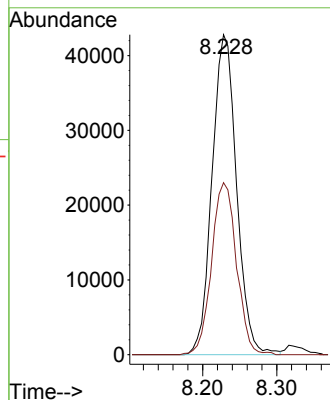
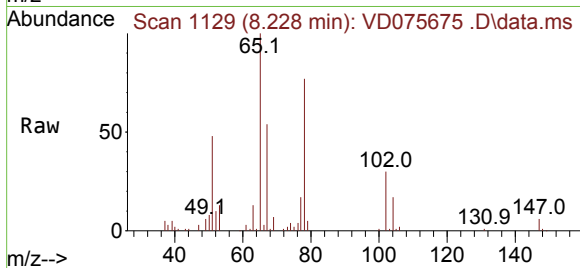
ClientSampleId :

Tgt Ion: 65 Resp: 98330

Ion Ratio Lower Upper

65 100

67 54.6 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

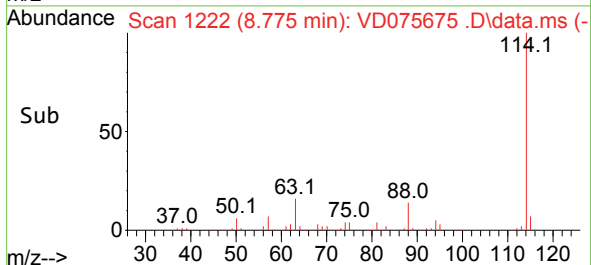
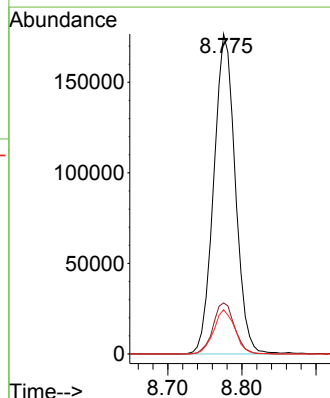
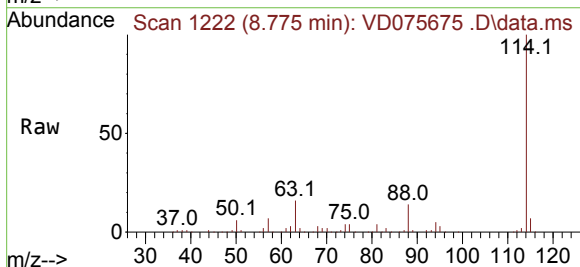
Tgt Ion: 114 Resp: 355887

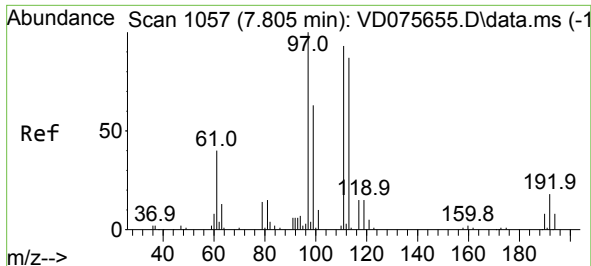
Ion Ratio Lower Upper

114 100

63 16.0 0.0 41.6

88 13.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.226 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

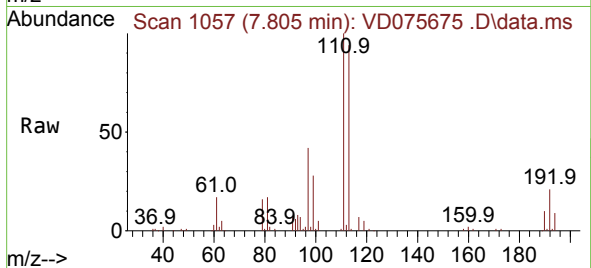
Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

Instrument :

MSVOA_D

ClientSampleId :



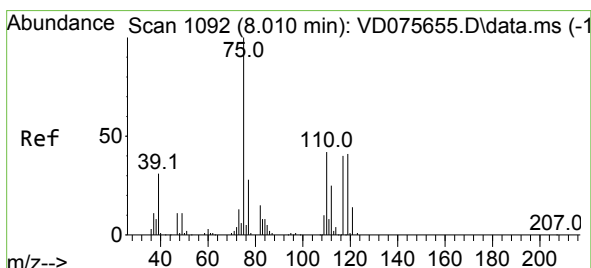
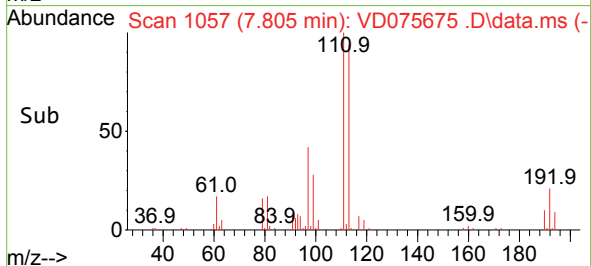
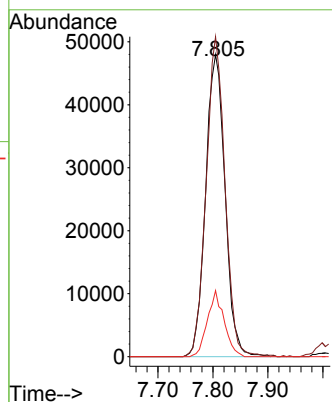
Tgt Ion:113 Resp: 117833

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 18.9 15.2 22.8



#36

1,1-Dichloropropene

Concen: 20.322 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.005 min

Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

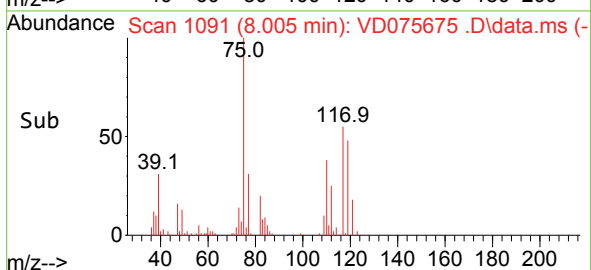
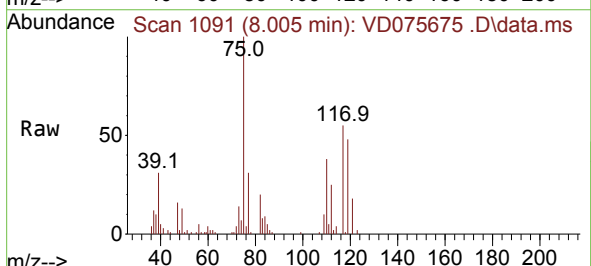
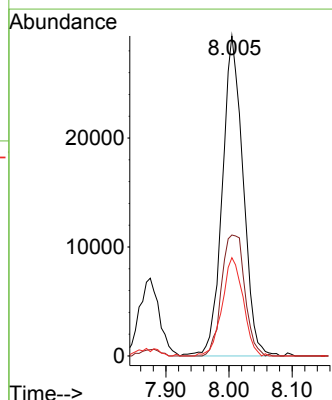
Tgt Ion: 75 Resp: 67110

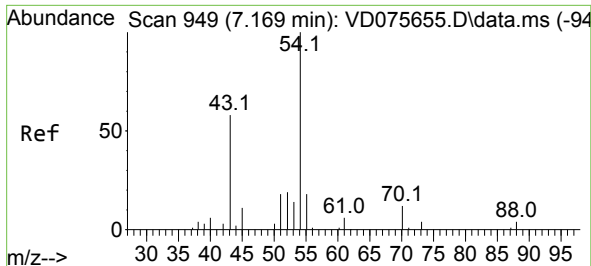
Ion Ratio Lower Upper

75 100

110 42.3 17.1 51.2

77 31.1 24.6 36.8





#37

Ethyl Acetate

Concen: 21.647 ug/l

RT: 7.175 min Scan# 949

Delta R.T. 0.006 min

Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

Instrument :

MSVOA_D

ClientSampleId :

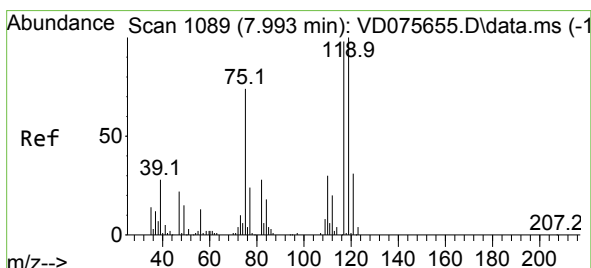
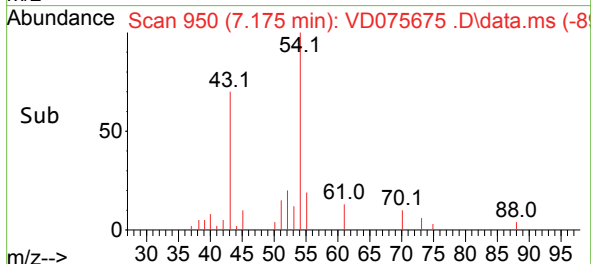
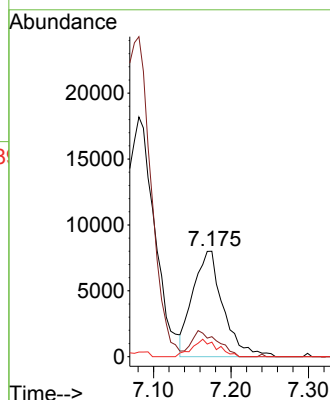
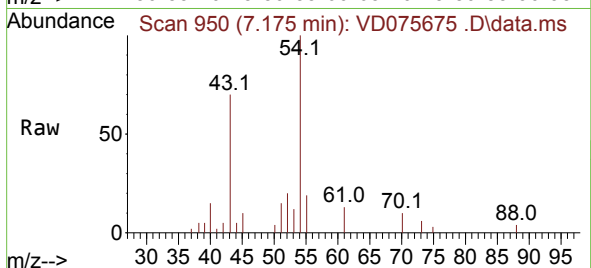
Tgt Ion: 43 Resp: 21755

Ion Ratio Lower Upper

43 100

61 21.3 0.0 0.0#

70 13.6 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 20.653 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

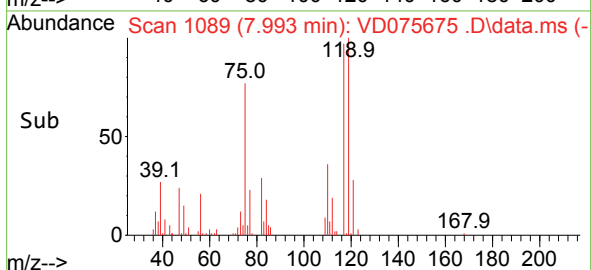
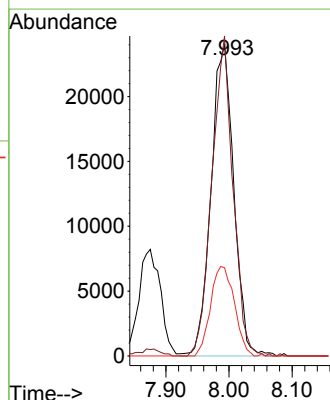
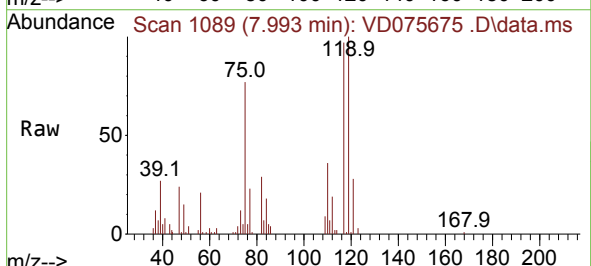
Tgt Ion: 117 Resp: 60060

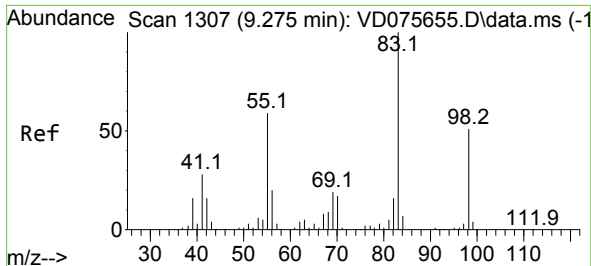
Ion Ratio Lower Upper

117 100

119 102.9 74.7 112.1

121 28.4 25.9 38.9





#39

Methylcyclohexane

Concen: 20.092 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

Instrument :

MSVOA_D

ClientSampleId :

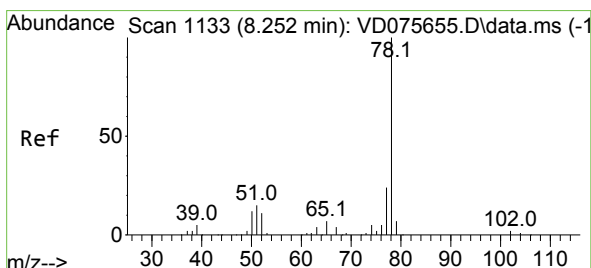
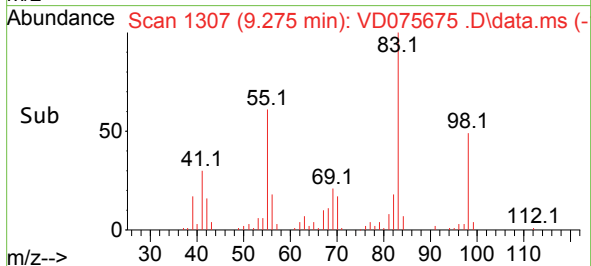
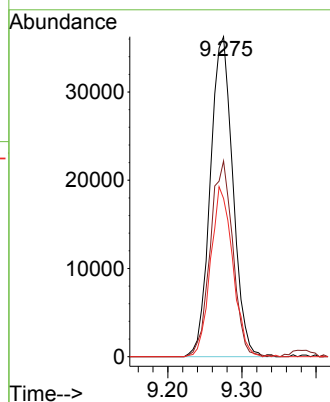
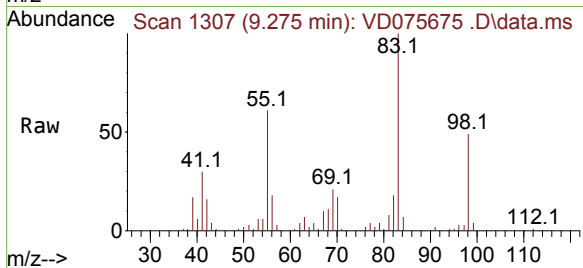
Tgt Ion: 83 Resp: 76722

Ion Ratio Lower Upper

83 100

55 61.2 56.8 85.2

98 49.5 38.9 58.3



#40

Benzene

Concen: 19.940 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075675.D

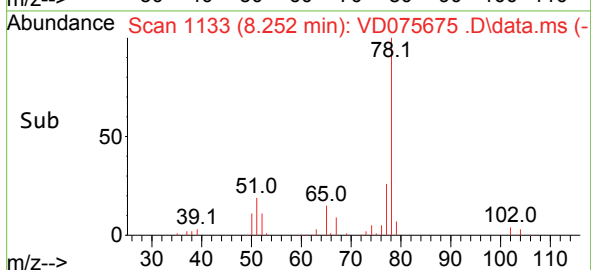
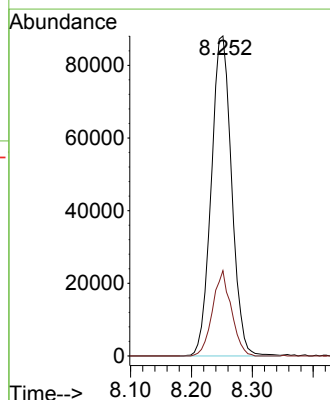
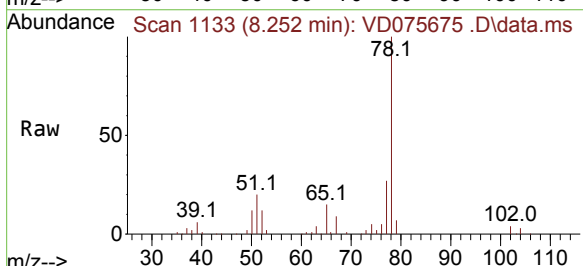
Acq: 14 Apr 2023 12:58

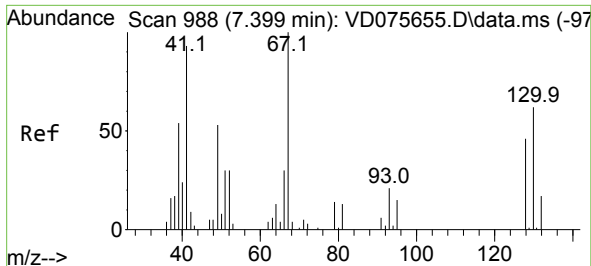
Tgt Ion: 78 Resp: 204703

Ion Ratio Lower Upper

78 100

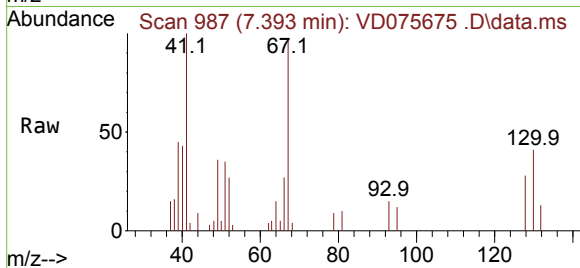
77 26.6 19.1 28.7



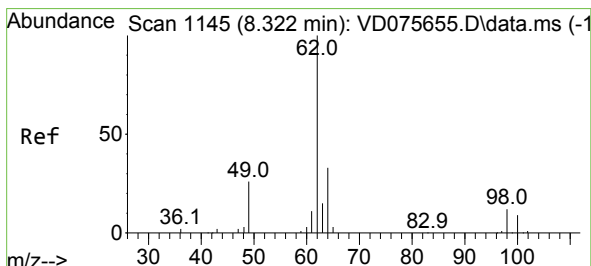
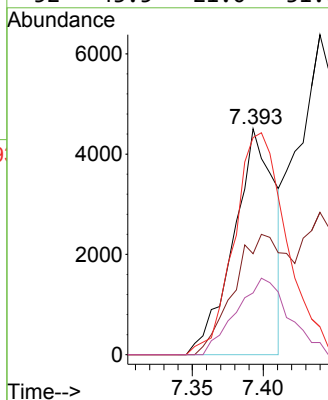
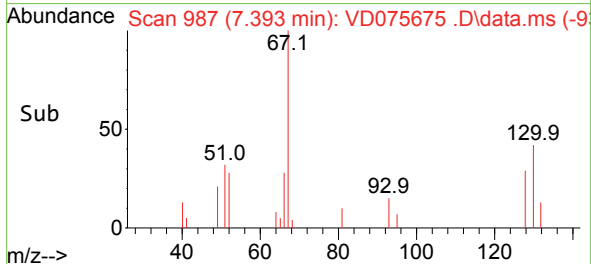


#41
Methacrylonitrile
Concen: 18.699 ug/l
RT: 7.393 min Scan# 901
Delta R.T. -0.006 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

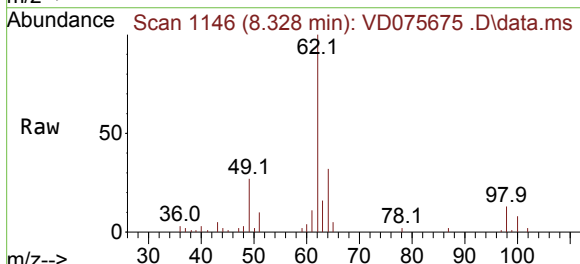
Instrument :
MSVOA_D
ClientSampleId :



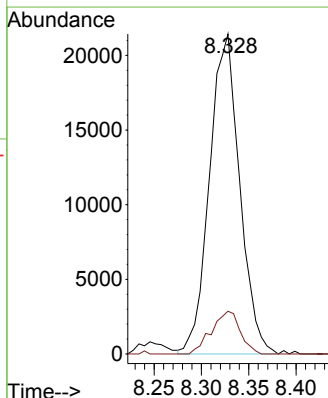
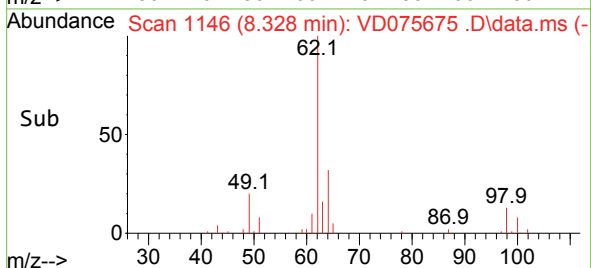
Tgt Ion: 41 Resp: 9018
Ion Ratio Lower Upper
41 100
39 72.4 45.3 67.9#
67 125.8 50.5 75.7#
52 43.5 21.0 31.6#

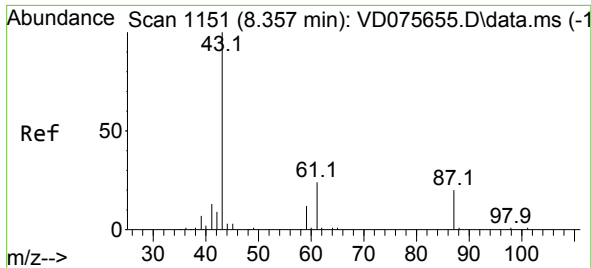


#42
1,2-Dichloroethane
Concen: 20.387 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58



Tgt Ion: 62 Resp: 47537
Ion Ratio Lower Upper
62 100
98 12.7 0.0 18.8

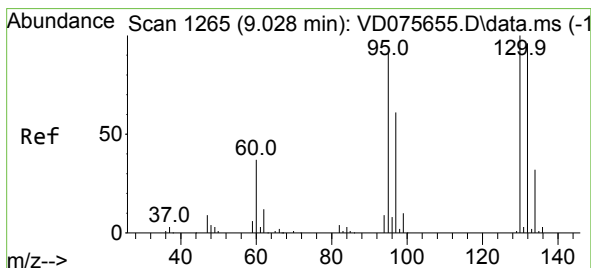
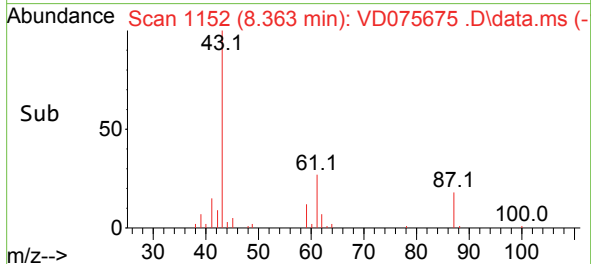
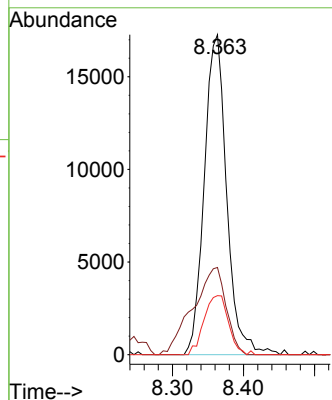
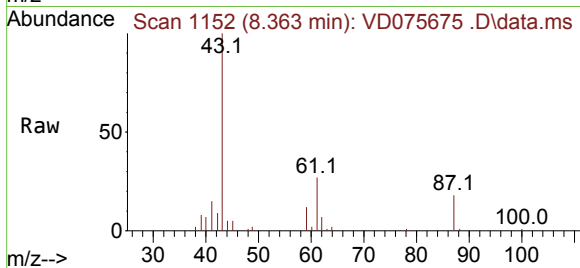




#43
Isopropyl Acetate
Concen: 20.671 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

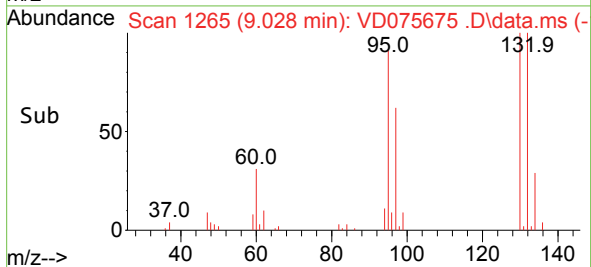
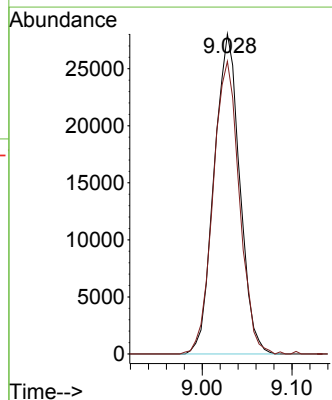
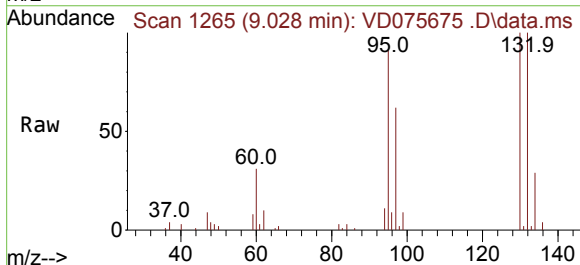
Instrument :
MSVOA_D
ClientSampleId :

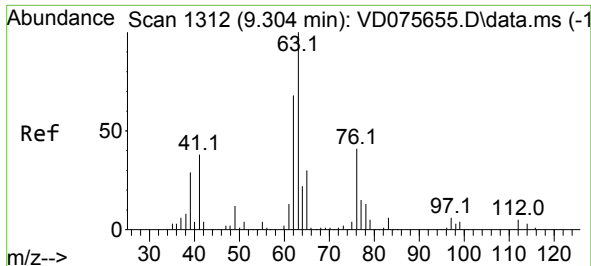
Tgt Ion: 43 Resp: 37881
Ion Ratio Lower Upper
43 100
61 40.3 23.4 35.0#
87 20.2 9.5 14.3#



#44
Trichloroethene
Concen: 19.098 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

Tgt Ion:130 Resp: 55486
Ion Ratio Lower Upper
130 100
95 91.5 0.0 197.6





#45

1,2-Dichloropropane

Concen: 19.403 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

Instrument :

MSVOA_D

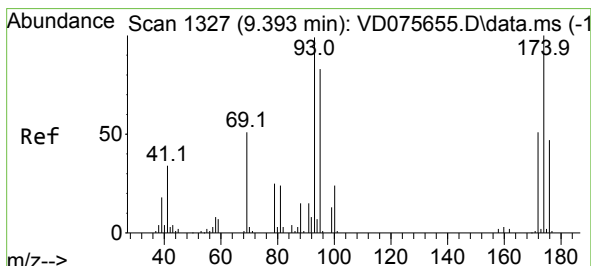
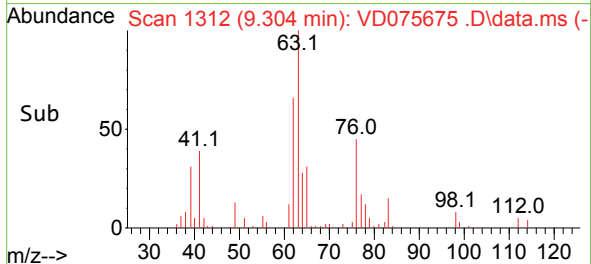
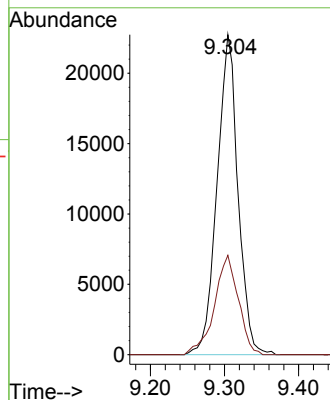
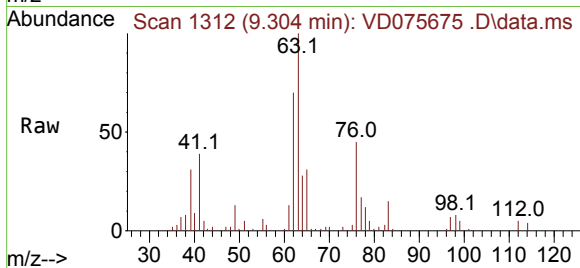
ClientSampleId :

Tgt Ion: 63 Resp: 44636

Ion Ratio Lower Upper

63 100

65 31.0 23.0 34.4



#46

Dibromomethane

Concen: 20.087 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

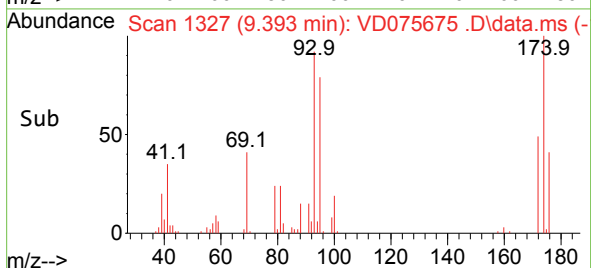
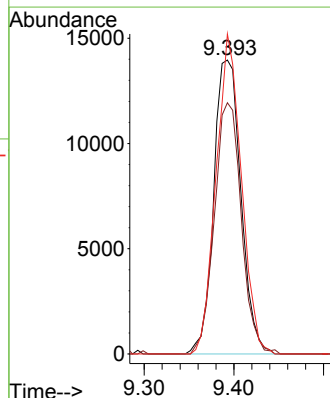
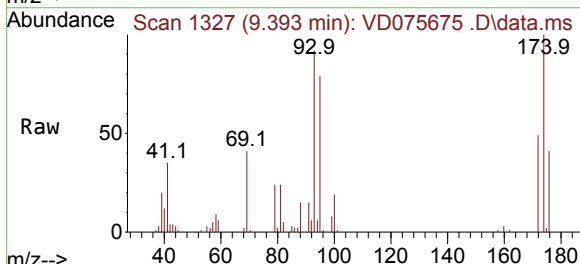
Tgt Ion: 93 Resp: 29316

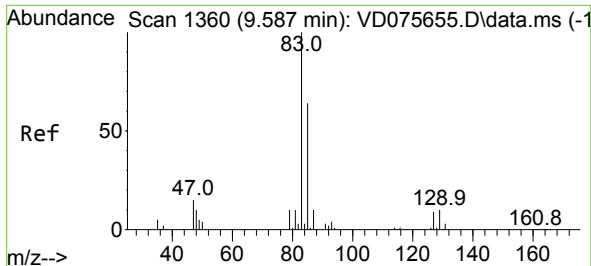
Ion Ratio Lower Upper

93 100

95 84.9 64.5 96.7

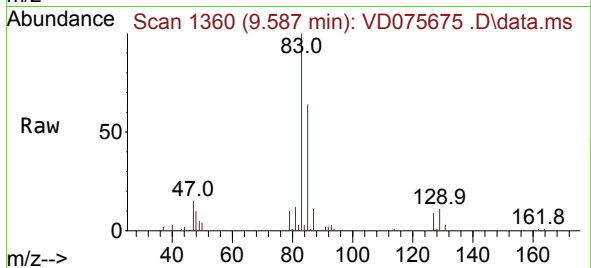
174 101.6 76.2 114.4



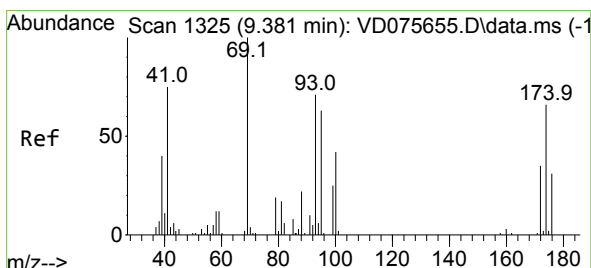
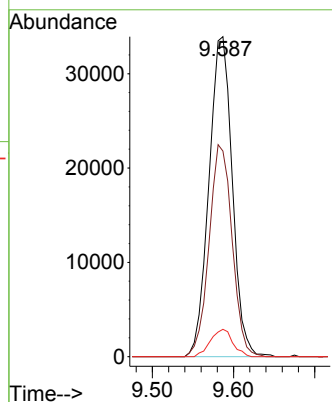
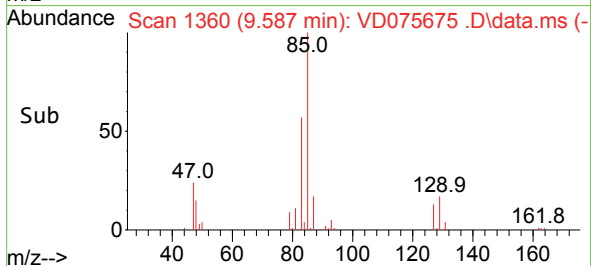


#47
Bromodichloromethane
Concen: 20.273 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

Instrument :
MSVOA_D
ClientSampleId :

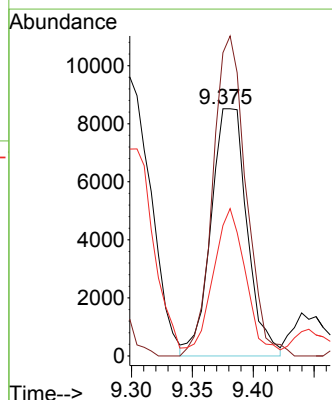
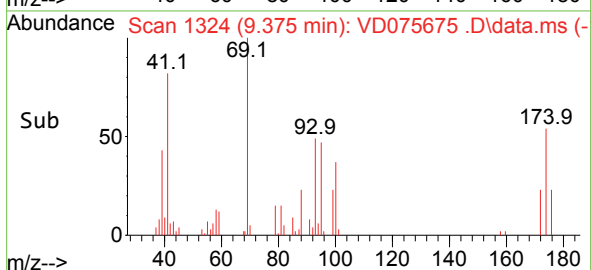
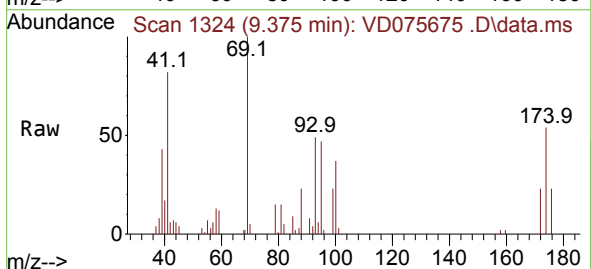


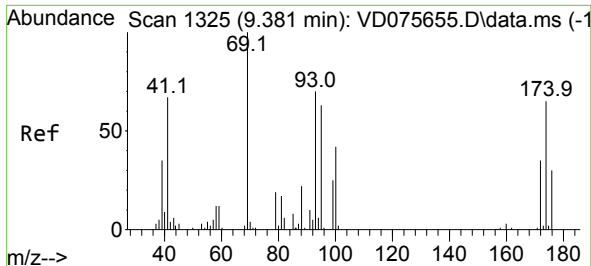
Tgt Ion: 83 Resp: 67680
Ion Ratio Lower Upper
83 100
85 64.2 53.7 80.5
127 8.5 7.0 10.6



#48
Methyl methacrylate
Concen: 21.478 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

Tgt Ion: 41 Resp: 17536
Ion Ratio Lower Upper
41 100
69 119.3 58.6 88.0#
39 54.1 53.4 80.0





#49

1,4-Dioxane

Concen: 403.734 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

Instrument :

MSVOA_D

ClientSampleId :

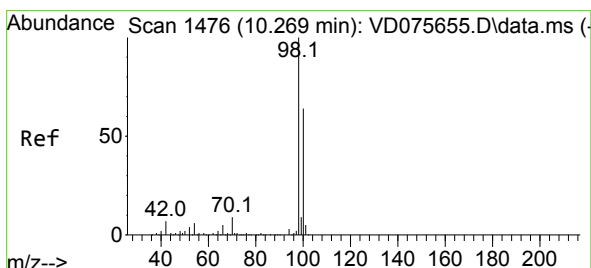
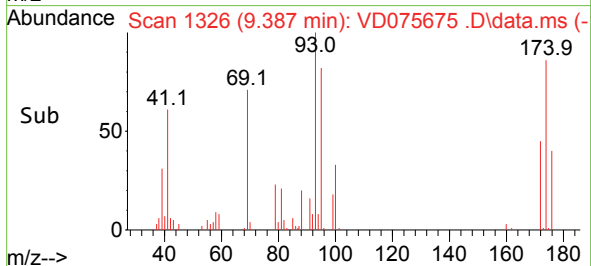
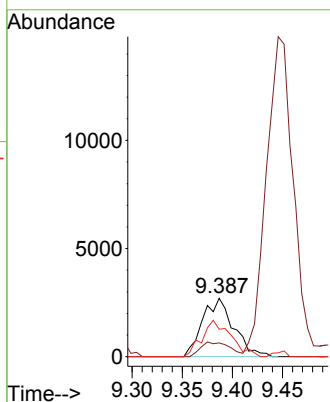
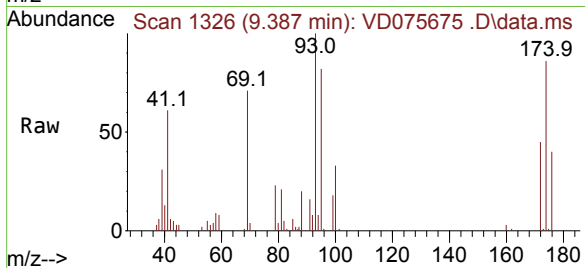
Tgt Ion: 88 Resp: 5846

Ion Ratio Lower Upper

88 100

43 23.7 34.6 51.8#

58 58.0 58.0 87.0



#50

Toluene-d8

Concen: 48.910 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075675.D

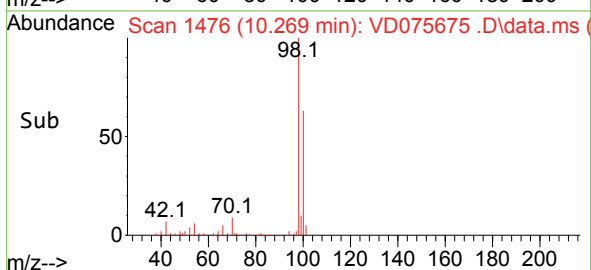
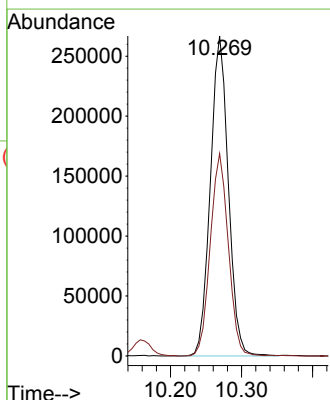
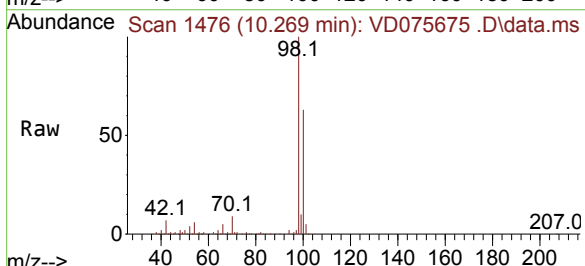
Acq: 14 Apr 2023 12:58

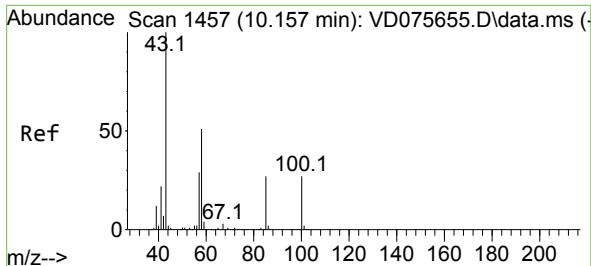
Tgt Ion: 98 Resp: 468844

Ion Ratio Lower Upper

98 100

100 63.5 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 100.108 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

Instrument :

MSVOA_D

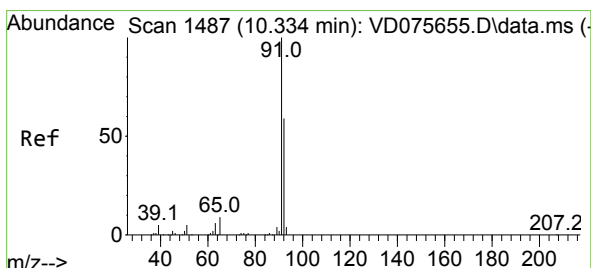
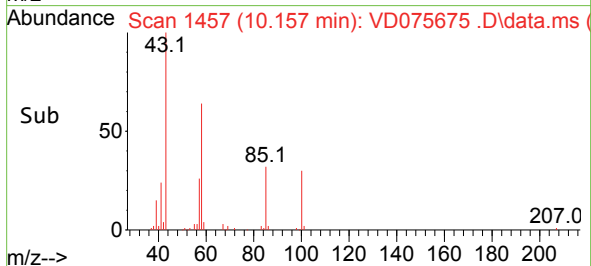
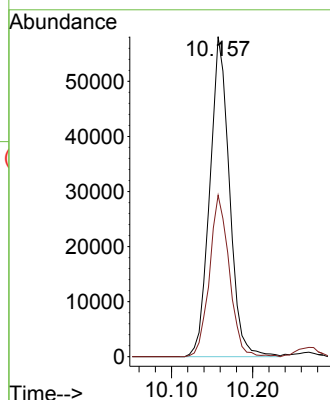
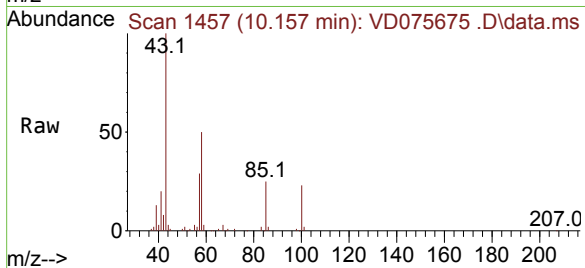
ClientSampleId :

Tgt Ion: 43 Resp: 97814

Ion Ratio Lower Upper

43 100

58 50.7 29.5 44.3#



#52

Toluene

Concen: 19.543 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075675.D

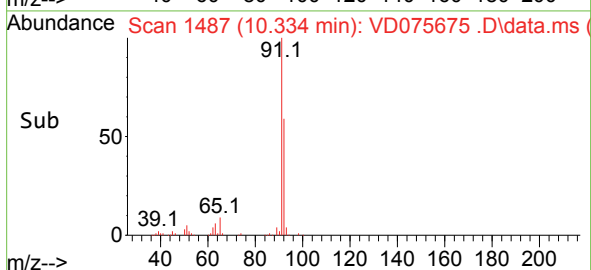
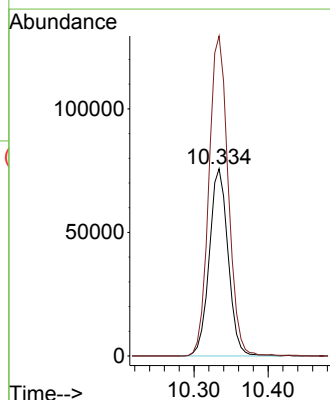
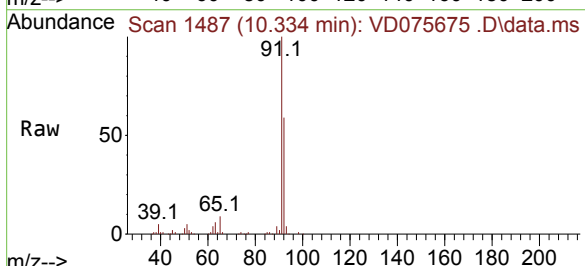
Acq: 14 Apr 2023 12:58

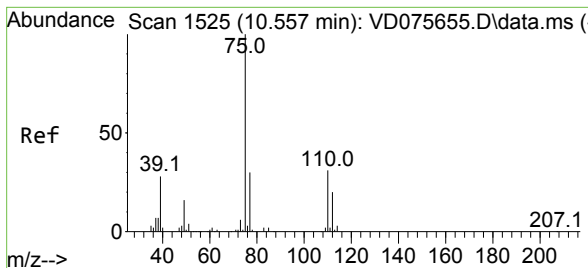
Tgt Ion: 92 Resp: 133405

Ion Ratio Lower Upper

92 100

91 175.3 136.5 204.7

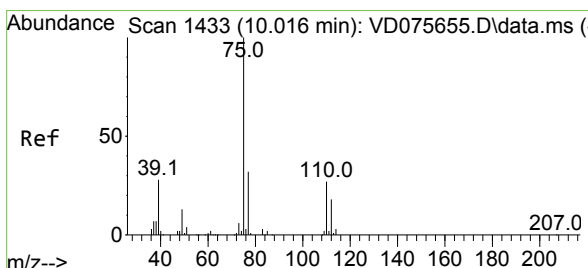
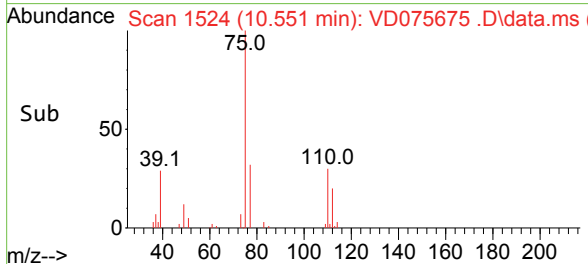
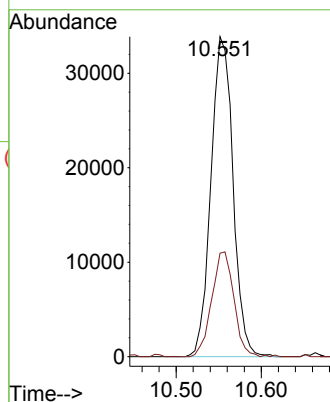
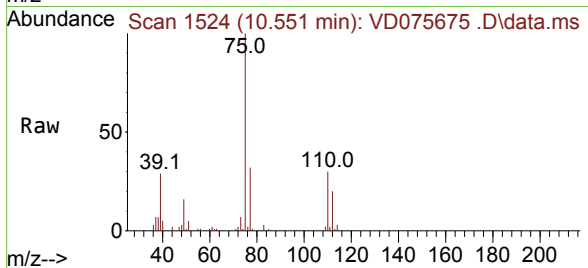




#53
t-1,3-Dichloropropene
Concen: 19.046 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

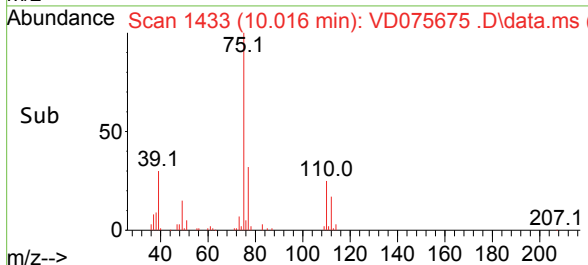
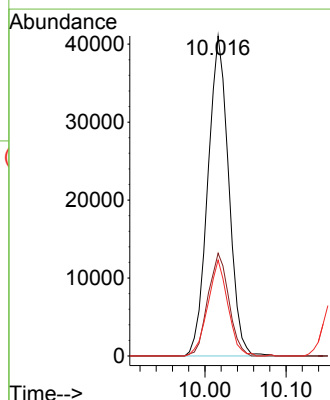
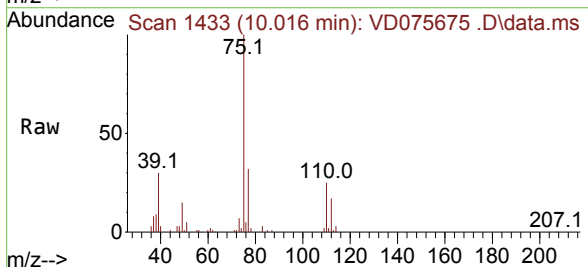
Instrument :
MSVOA_D
ClientSampleId :

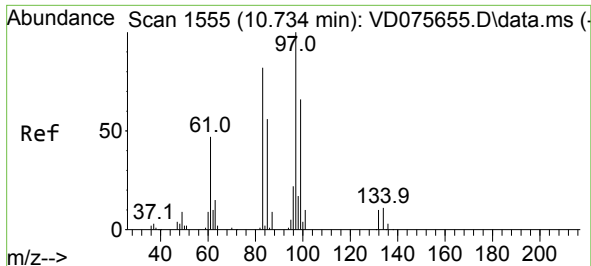
Tgt Ion: 75 Resp: 60953
Ion Ratio Lower Upper
75 100
77 32.3 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 19.231 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

Tgt Ion: 75 Resp: 73124
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4
39 30.0 44.8 67.2#

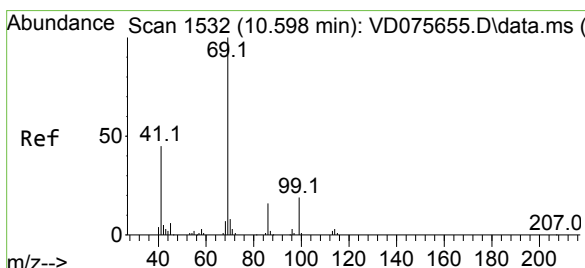
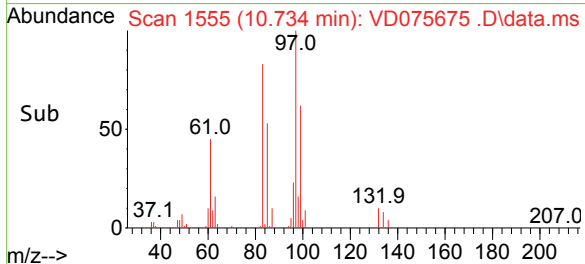
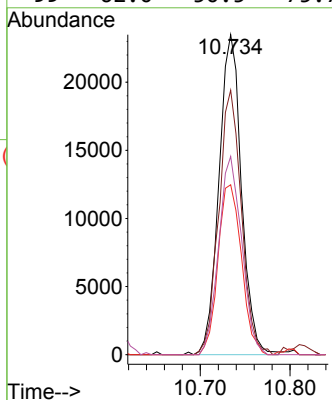
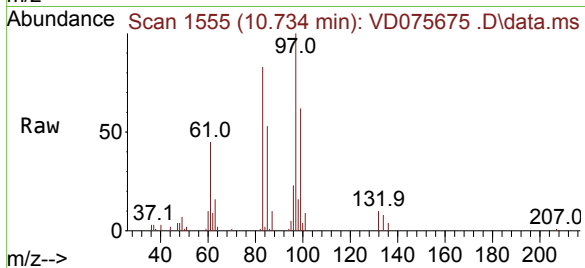




#55
 1,1,2-Trichloroethane
 Concen: 19.411 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VD075675.D
 Acq: 14 Apr 2023 12:58

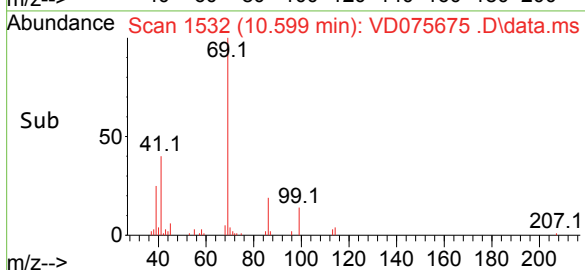
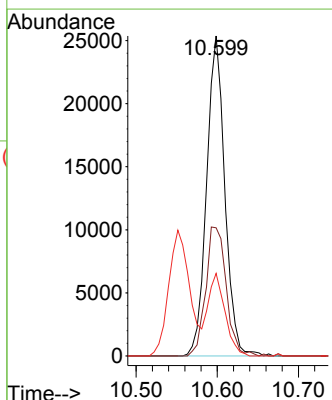
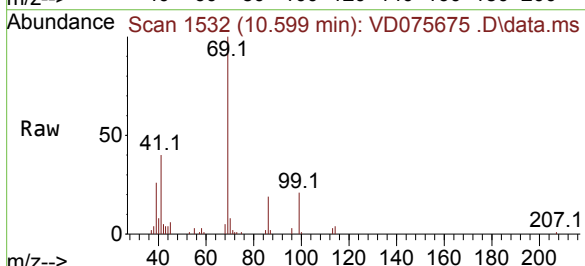
Instrument :
 MSVOA_D
 ClientSampleId :

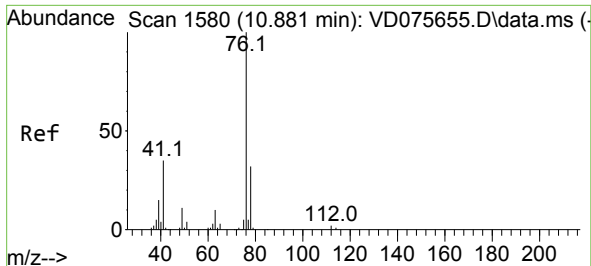
Tgt Ion: 97	Resp: 41019
Ion Ratio	Lower Upper
97 100	
83 82.6	74.2 111.4
85 53.1	45.4 68.0
99 62.0	50.5 75.7



#56
 Ethyl methacrylate
 Concen: 19.012 ug/l
 RT: 10.599 min Scan# 1532
 Delta R.T. 0.001 min
 Lab File: VD075675.D
 Acq: 14 Apr 2023 12:58

Tgt Ion: 69	Resp: 39537
Ion Ratio	Lower Upper
69 100	
41 45.5	59.3 88.9#
39 23.9	36.0 54.0#





#57

1,3-Dichloropropane

Concen: 19.418 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

Instrument :

MSVOA_D

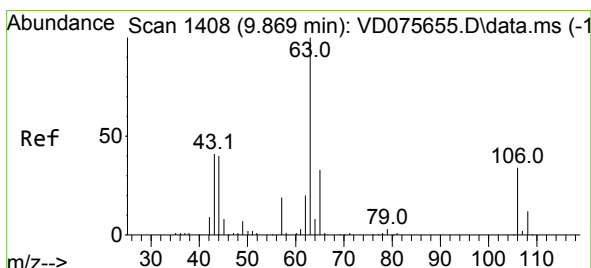
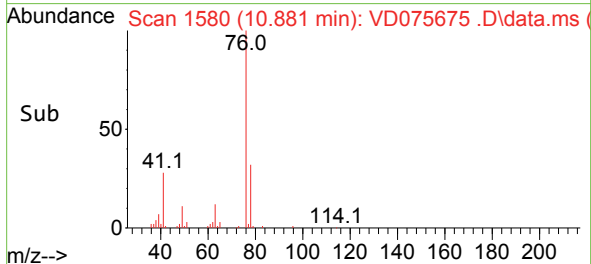
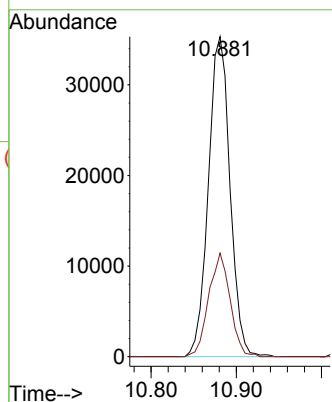
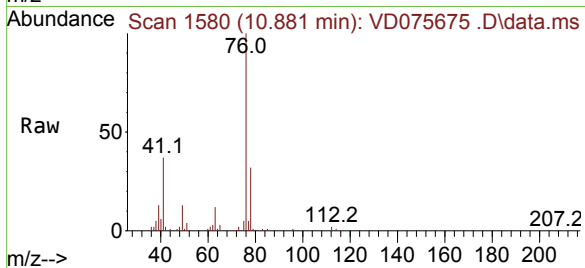
ClientSampleId :

Tgt Ion: 76 Resp: 62294

Ion Ratio Lower Upper

76 100

78 32.1 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 103.829 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075675.D

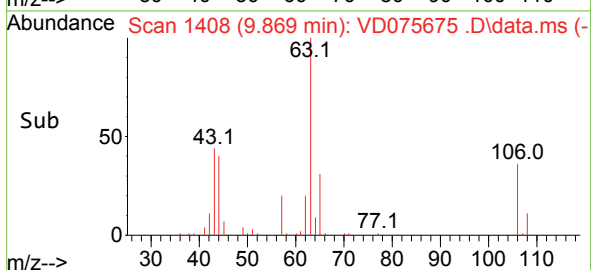
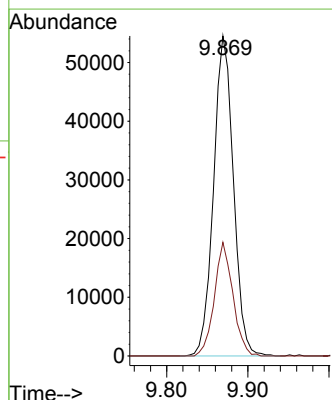
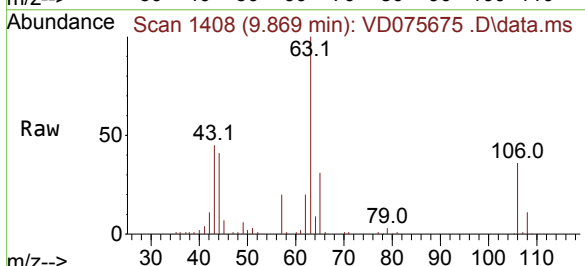
Acq: 14 Apr 2023 12:58

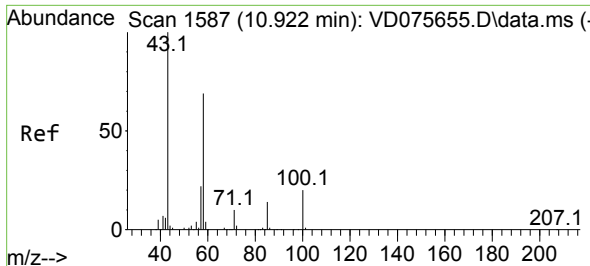
Tgt Ion: 63 Resp: 92731

Ion Ratio Lower Upper

63 100

106 33.1 21.4 32.2#

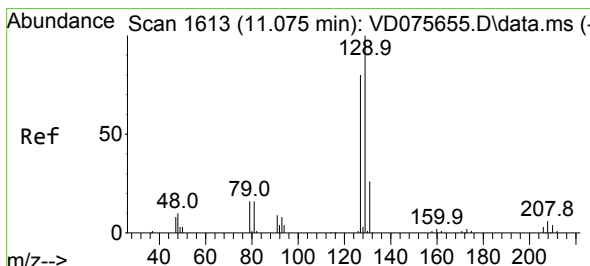
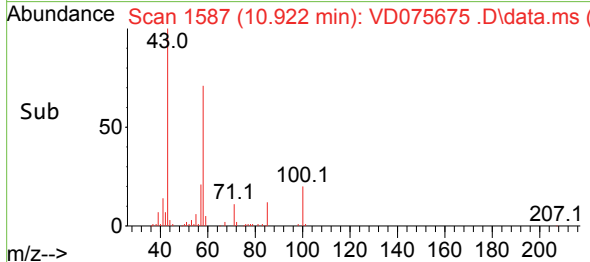
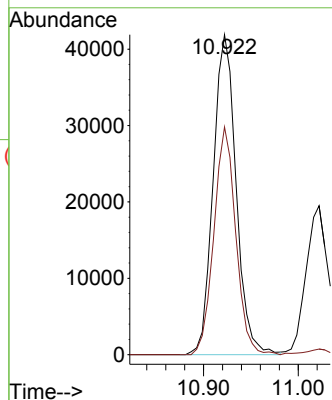
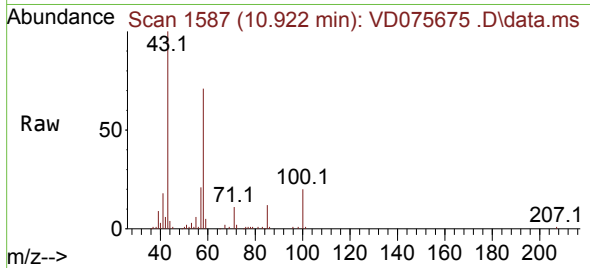




#59
2-Hexanone
Concen: 102.622 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

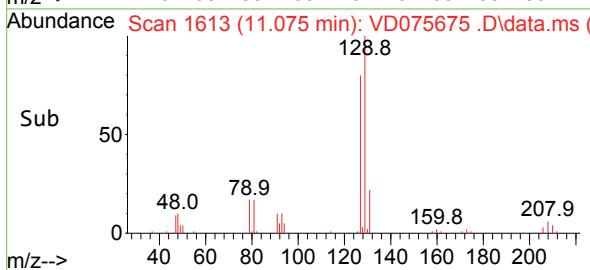
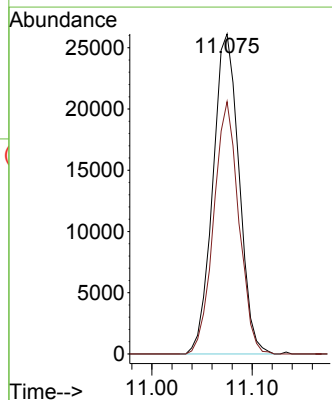
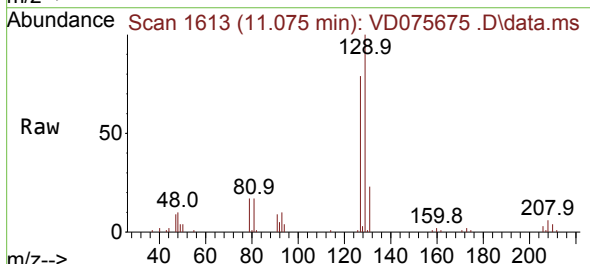
Instrument :
MSVOA_D
ClientSampleId :

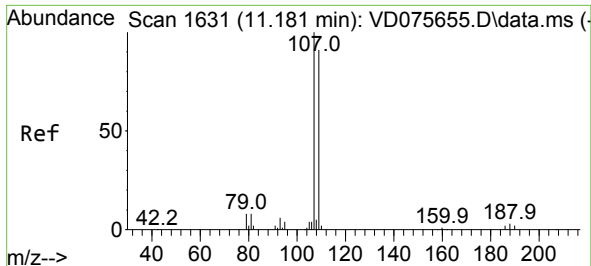
Tgt Ion: 43 Resp: 70502
Ion Ratio Lower Upper
43 100
58 67.9 25.3 75.8



#60
Dibromochloromethane
Concen: 19.152 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

Tgt Ion:129 Resp: 47358
Ion Ratio Lower Upper
129 100
127 75.7 38.1 114.5

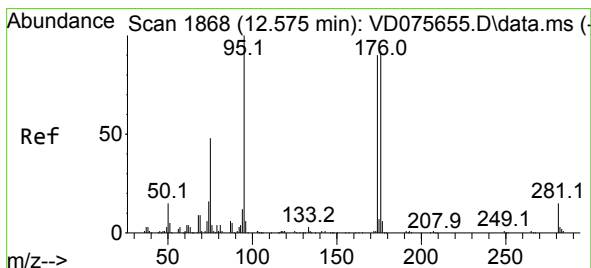
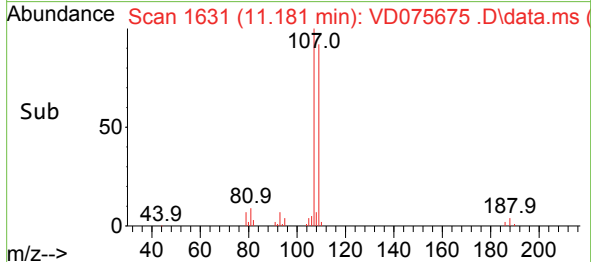
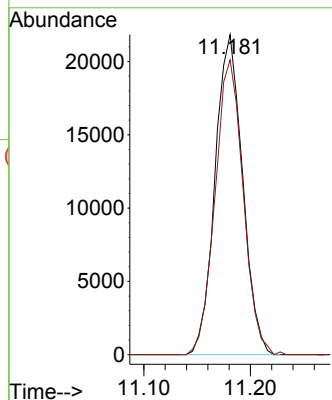
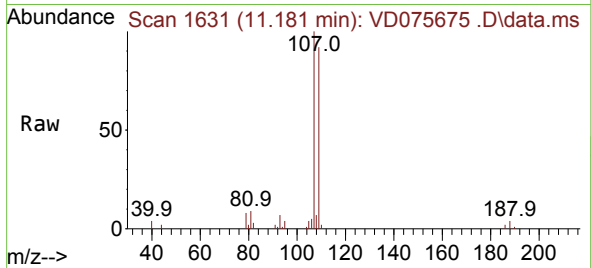




#61
1,2-Dibromoethane
Concen: 19.383 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

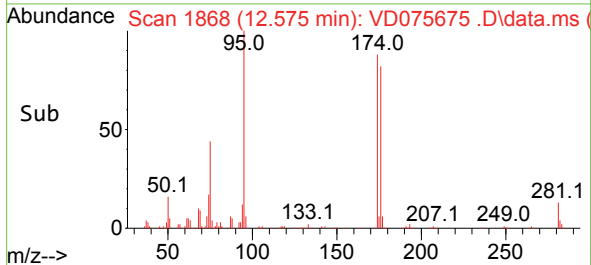
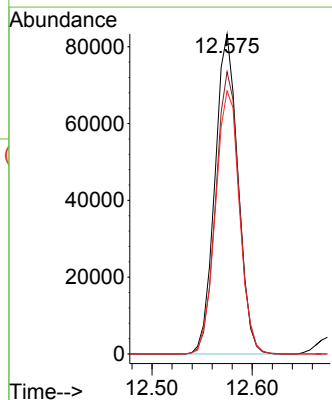
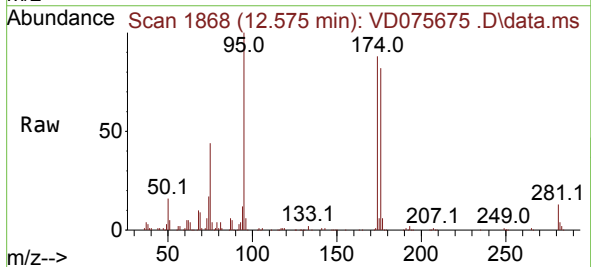
Instrument :
MSVOA_D
ClientSampleId :

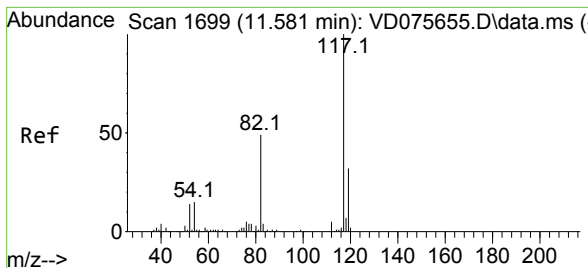
Tgt Ion:107 Resp: 39072
Ion Ratio Lower Upper
107 100
109 94.1 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 52.255 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

Tgt Ion: 95 Resp: 133139
Ion Ratio Lower Upper
95 100
174 89.5 0.0 164.0
176 85.6 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075675 .D

Acq: 14 Apr 2023 12:58

Instrument :

MSVOA_D

ClientSampleId :

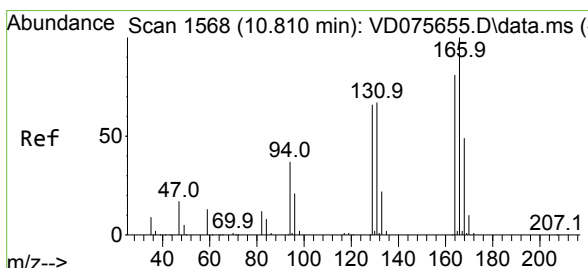
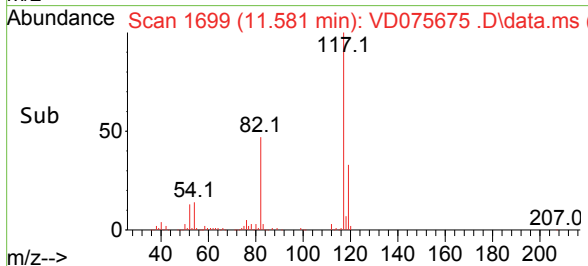
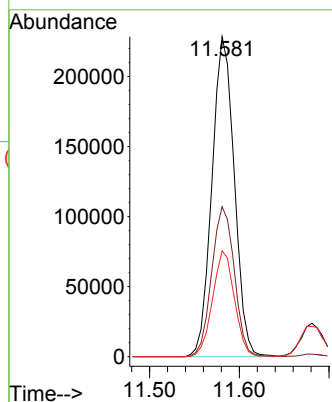
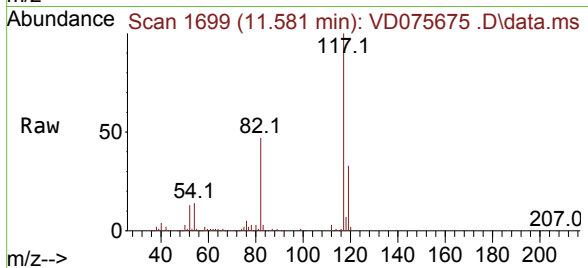
Tgt Ion:117 Resp: 395301

Ion Ratio Lower Upper

117 100

82 46.9 44.0 66.0

119 33.0 25.1 37.7



#64

Tetrachloroethene

Concen: 16.631 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD075675 .D

Acq: 14 Apr 2023 12:58

Tgt Ion:164 Resp: 47346

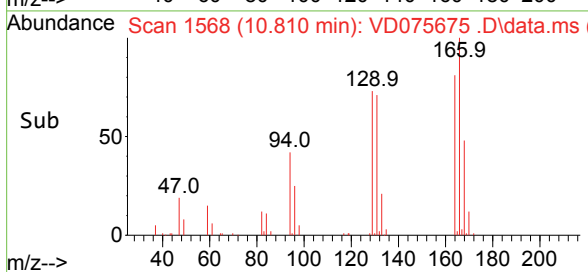
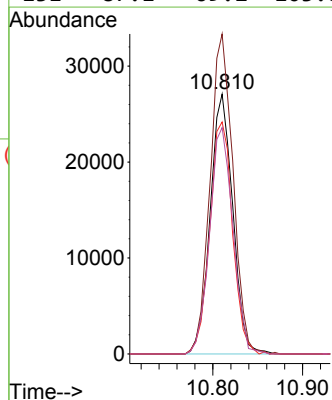
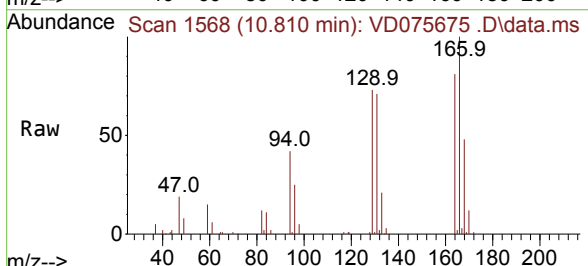
Ion Ratio Lower Upper

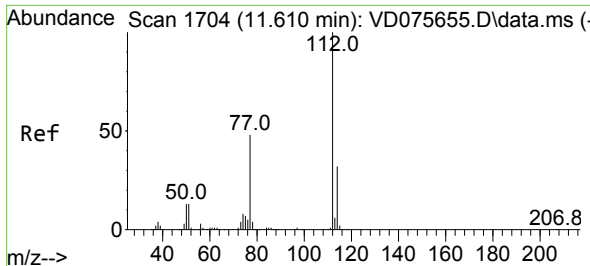
164 100

166 123.1 94.9 142.3

129 89.3 73.0 109.6

131 87.1 69.2 103.8

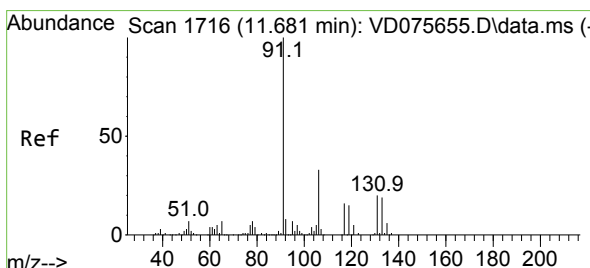
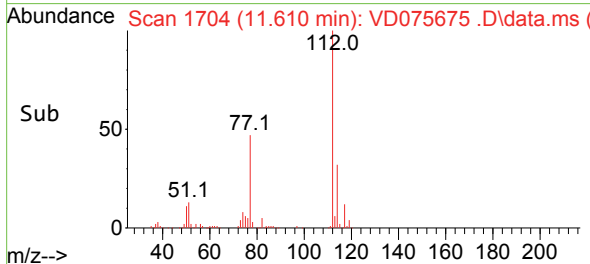
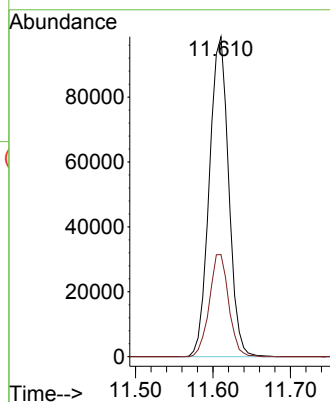
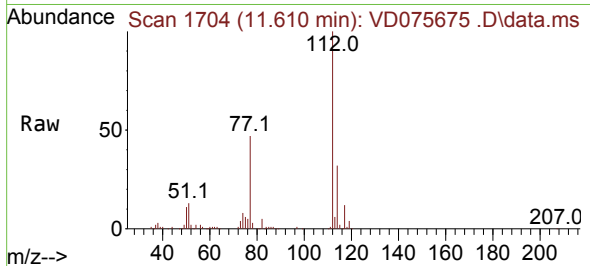




#65
Chlorobenzene
Concen: 20.214 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

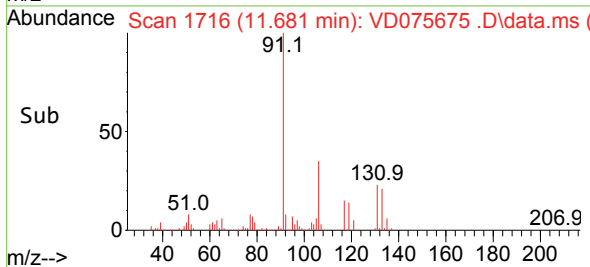
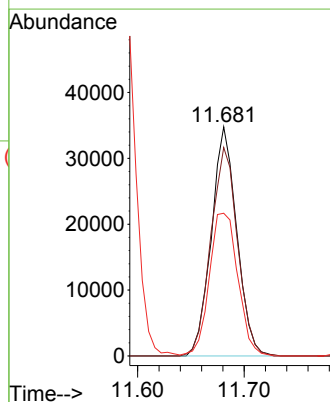
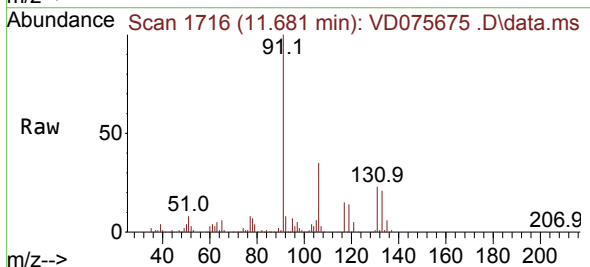
Instrument :
MSVOA_D
ClientSampleId :

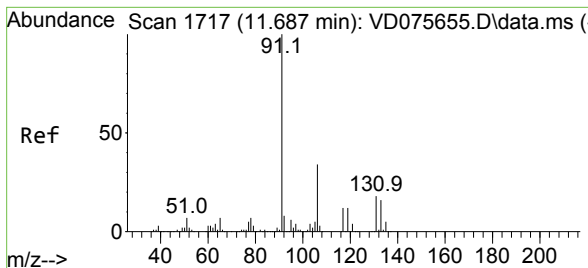
Tgt Ion:112 Resp: 171147
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.822 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

Tgt Ion:131 Resp: 57698
Ion Ratio Lower Upper
131 100
133 96.0 46.7 140.0
119 69.8 31.9 95.9





#67

Ethyl Benzene

Concen: 19.223 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

Instrument :

MSVOA_D

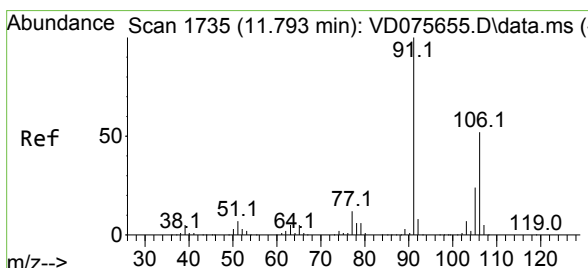
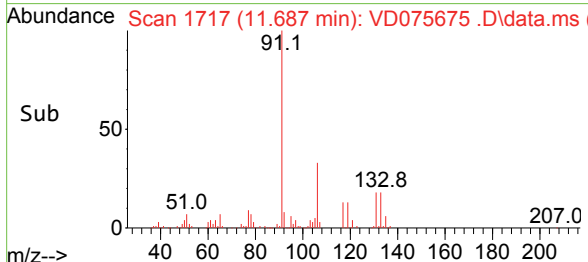
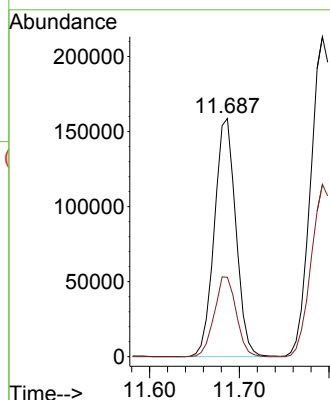
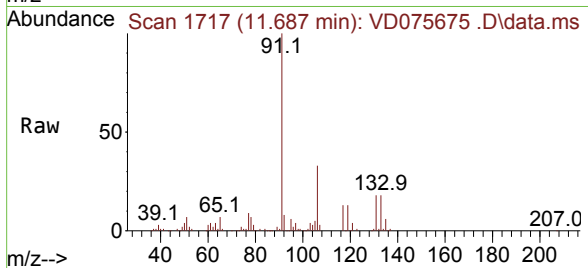
ClientSampleId :

Tgt Ion: 91 Resp: 264141

Ion Ratio Lower Upper

91 100

106 33.3 24.5 36.7



#68

m/p-Xylenes

Concen: 38.958 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD075675.D

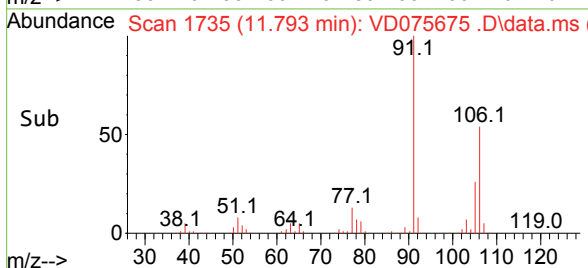
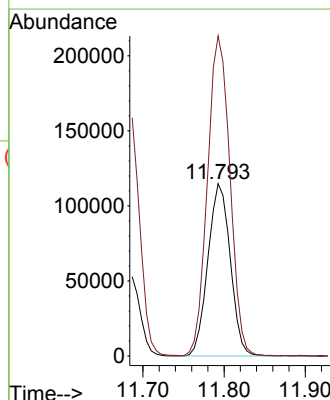
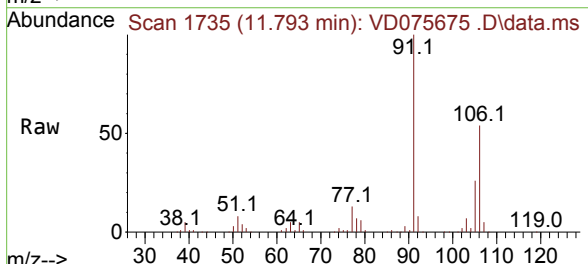
Acq: 14 Apr 2023 12:58

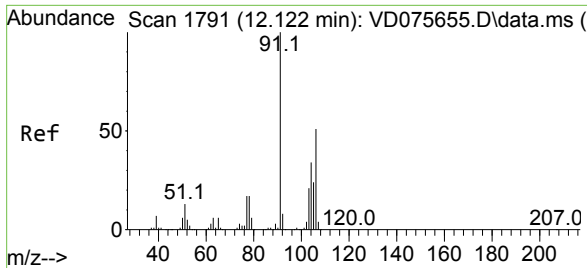
Tgt Ion:106 Resp: 219388

Ion Ratio Lower Upper

106 100

91 187.4 161.5 242.3

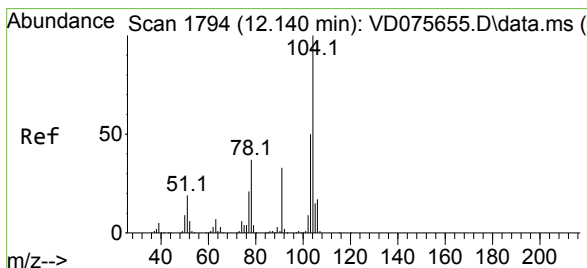
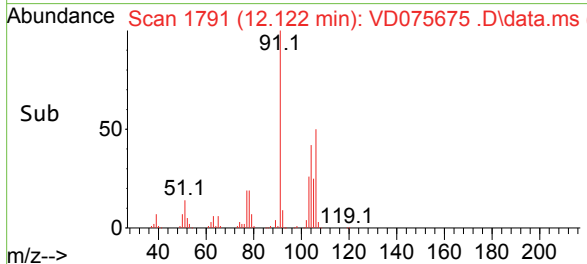
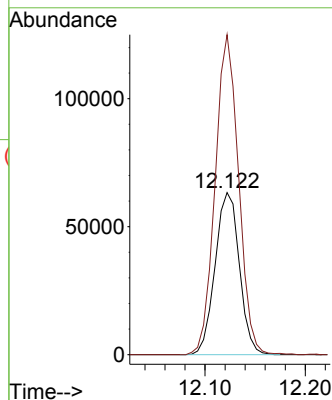
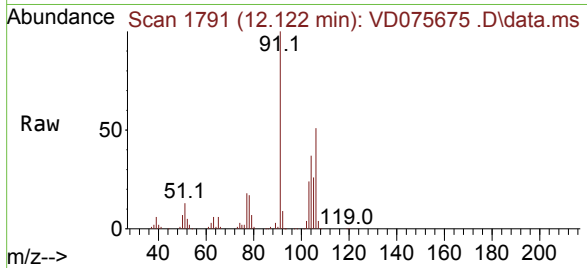




#69
o-Xylene
Concen: 20.869 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

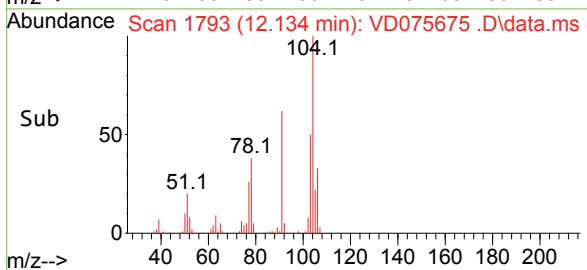
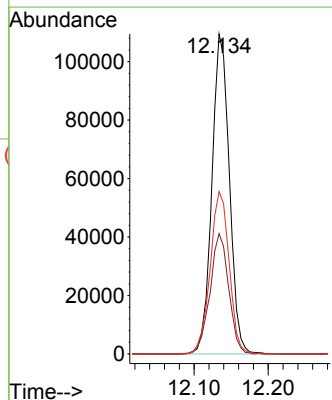
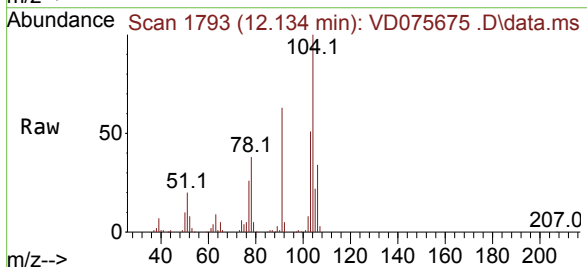
Instrument :
MSVOA_D
ClientSampleId :

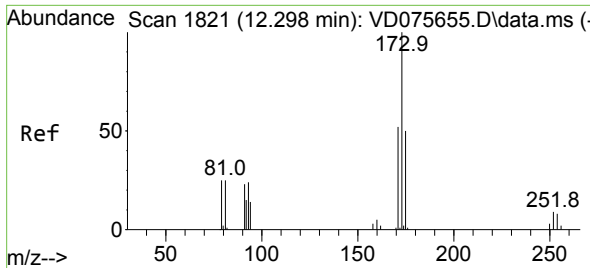
Tgt Ion:106 Resp: 106266
Ion Ratio Lower Upper
106 100
91 191.3 105.7 317.1



#70
Styrene
Concen: 19.435 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

Tgt Ion:104 Resp: 179076
Ion Ratio Lower Upper
104 100
78 40.4 40.2 60.4
103 55.1 44.2 66.2

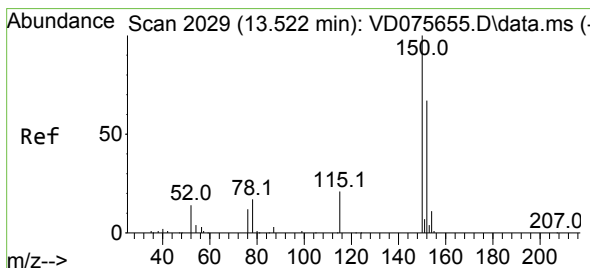
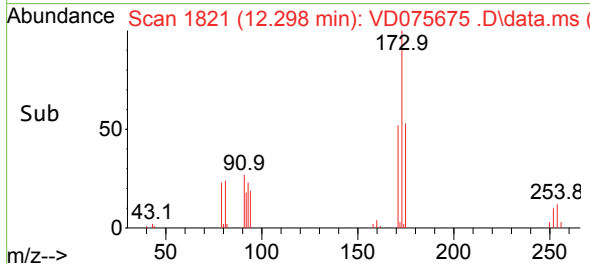
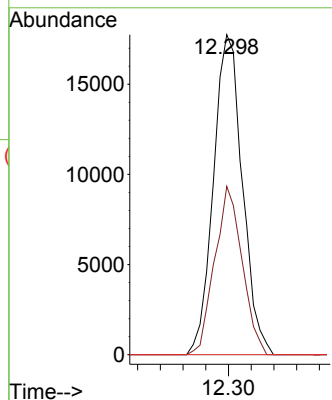
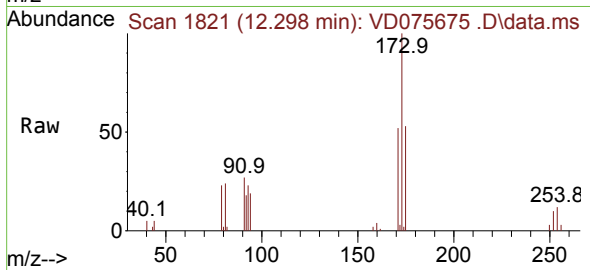




#71
Bromoform
Concen: 20.637 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

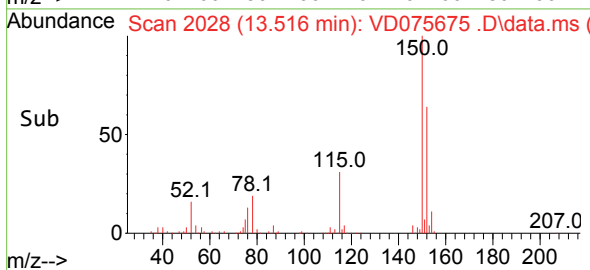
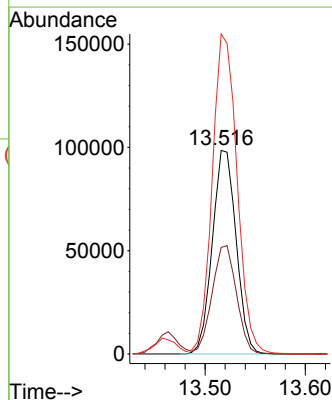
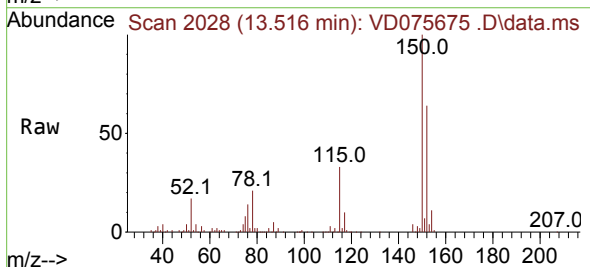
Instrument :
MSVOA_D
ClientSampleId :

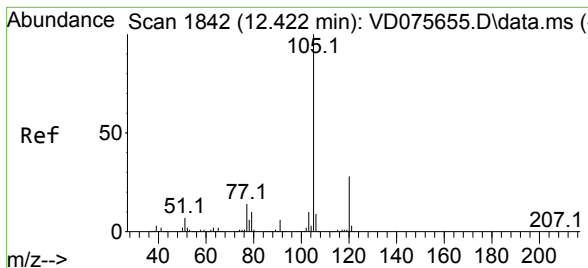
Tgt Ion:173 Resp: 31401
Ion Ratio Lower Upper
173 100
175 50.0 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

Tgt Ion:152 Resp: 162687
Ion Ratio Lower Upper
152 100
115 54.5 30.1 90.3
150 163.9 0.0 364.8





#73

Isopropylbenzene

Concen: 22.749 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

Instrument :

MSVOA_D

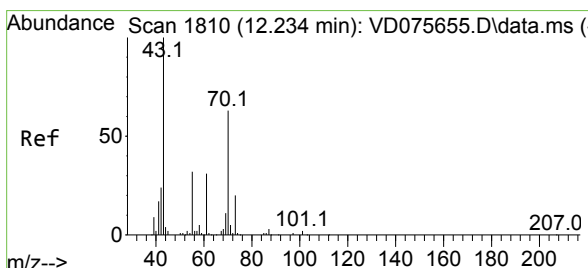
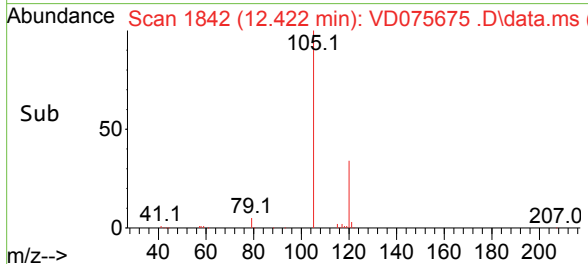
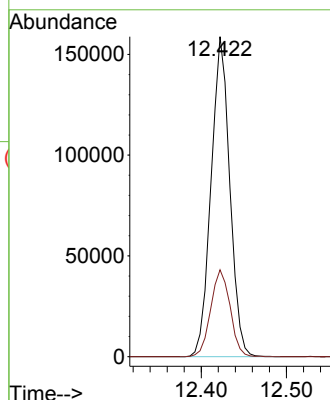
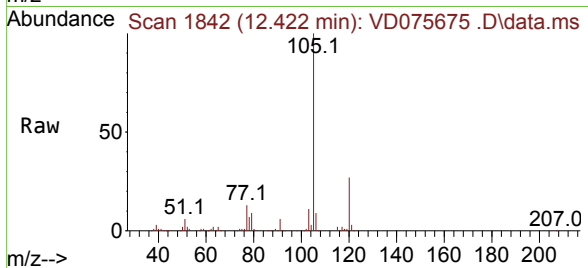
ClientSampleId :

Tgt Ion:105 Resp: 242896

Ion Ratio Lower Upper

105 100

120 28.1 13.4 40.1



#74

N-ethyl acetate

Concen: 23.555 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

Tgt Ion: 43 Resp: 36957

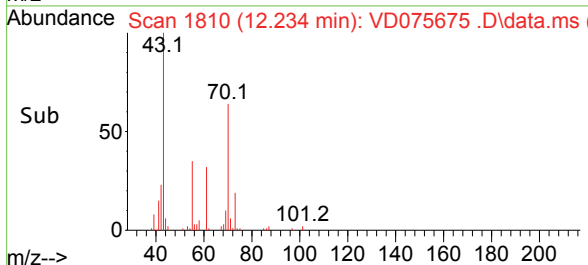
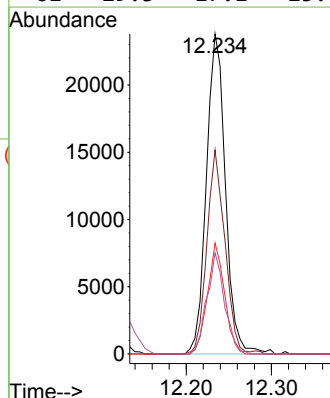
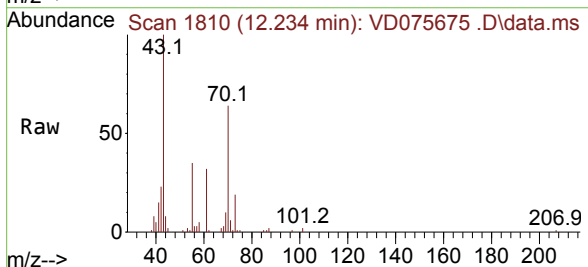
Ion Ratio Lower Upper

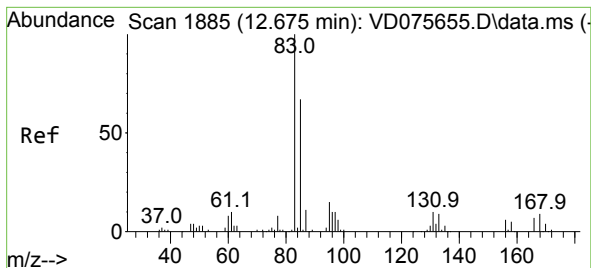
43 100

70 60.5 31.0 46.4#

55 31.3 18.6 28.0#

61 29.3 17.1 25.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 22.193 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

Instrument :

MSVOA_D

ClientSampleId :

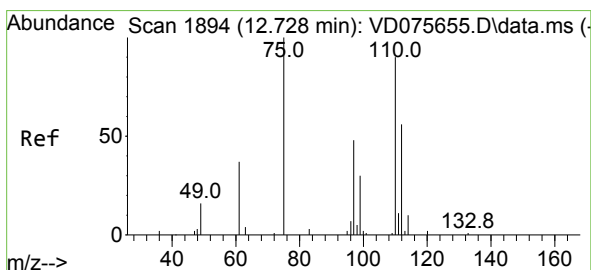
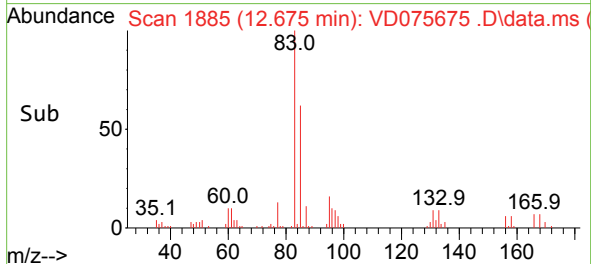
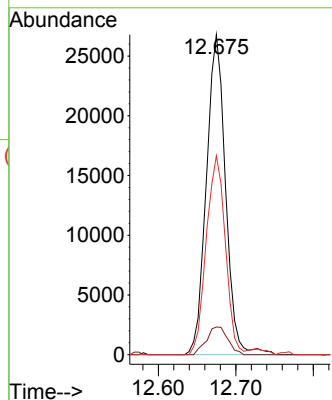
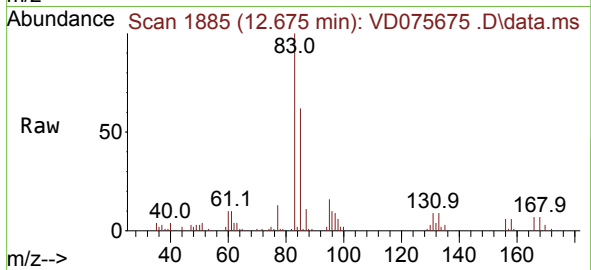
Tgt Ion: 83 Resp: 46030

Ion Ratio Lower Upper

83 100

131 9.6 5.1 15.2

85 61.7 33.6 100.6



#76

1,2,3-Trichloropropane

Concen: 39.445 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD075675.D

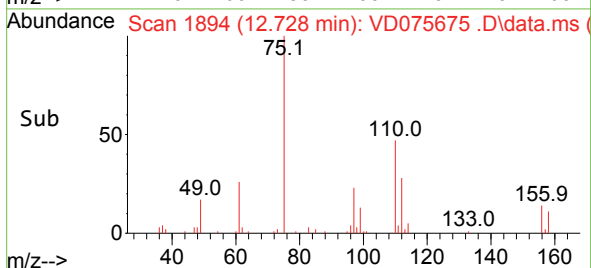
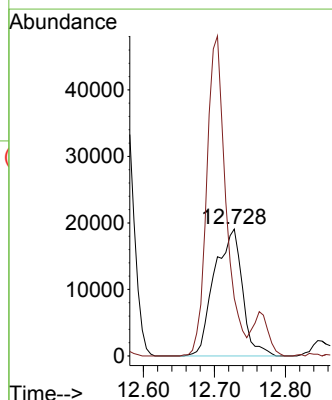
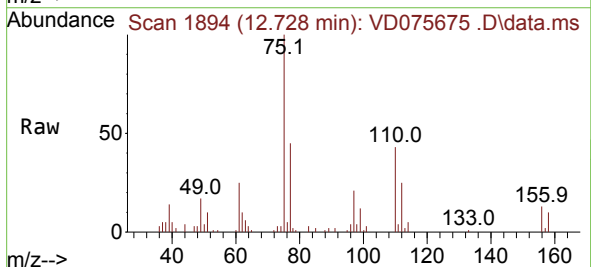
Acq: 14 Apr 2023 12:58

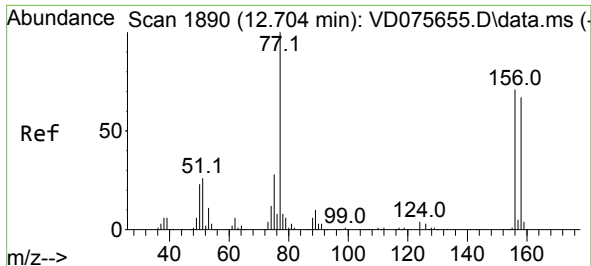
Tgt Ion: 75 Resp: 52331

Ion Ratio Lower Upper

75 100

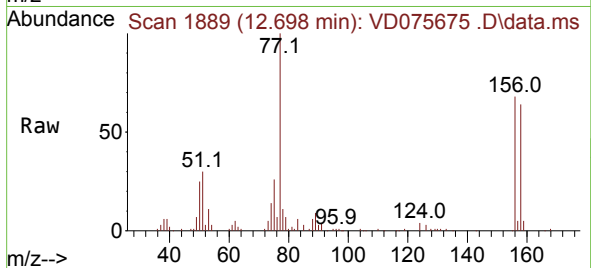
77 0.0 0.0 0.0



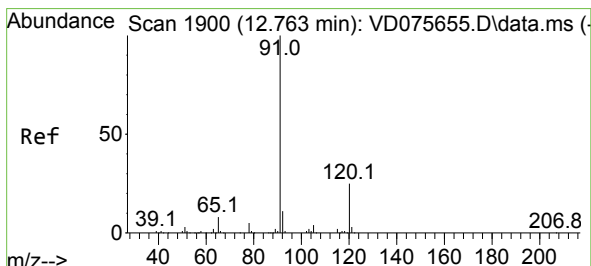
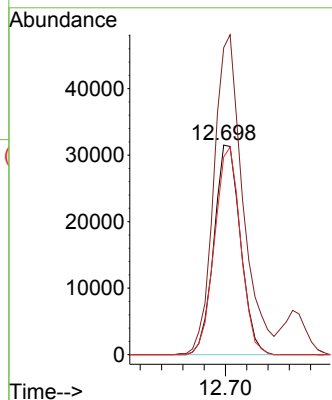
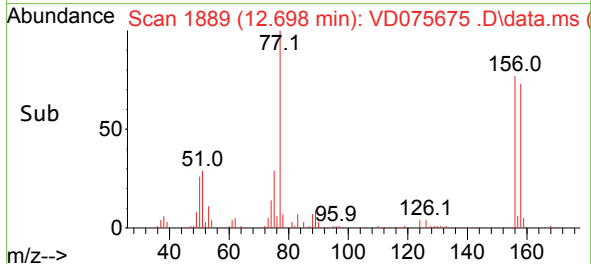


#77
Bromobenzene
Concen: 19.780 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

Instrument :
MSVOA_D
ClientSampleId :

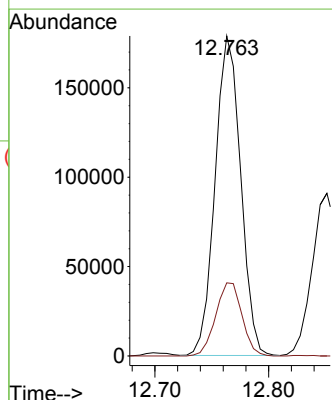
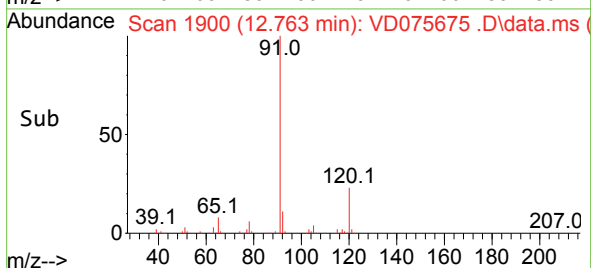
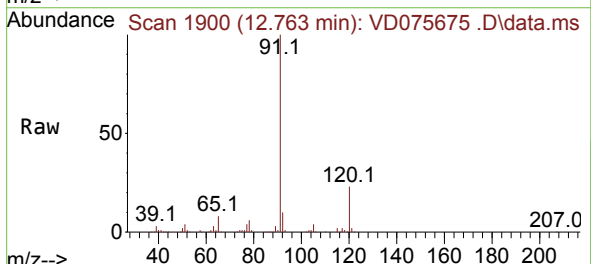


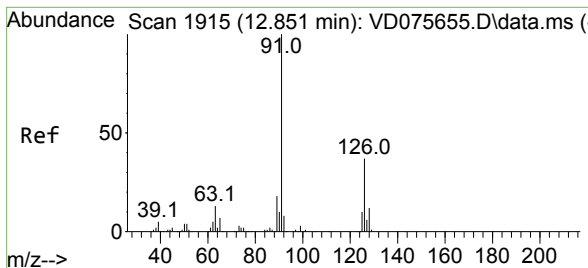
Tgt Ion:156 Resp: 54448
Ion Ratio Lower Upper
156 100
77 166.5 89.5 268.6
158 97.0 47.8 143.4



#78
n-propylbenzene
Concen: 21.365 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

Tgt Ion: 91 Resp: 279618
Ion Ratio Lower Upper
91 100
120 23.5 11.4 34.2





#79

2-Chlorotoluene

Concen: 20.472 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

Instrument :

MSVOA_D

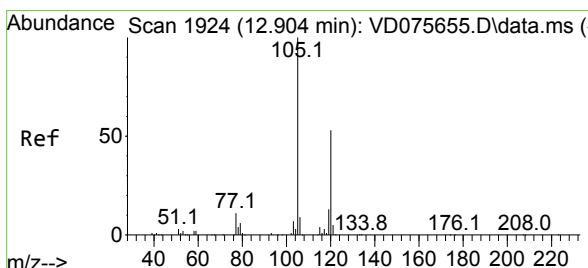
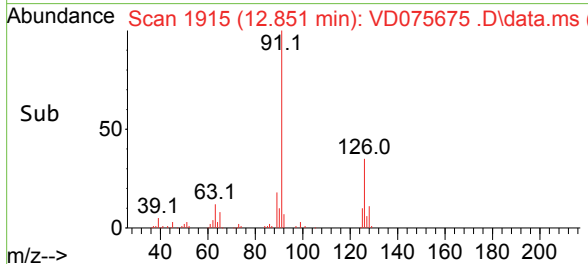
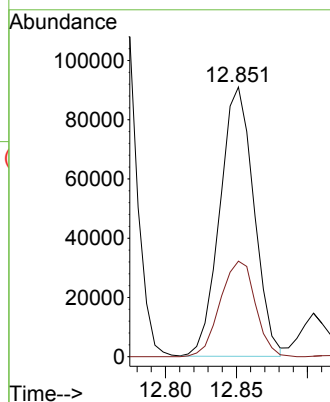
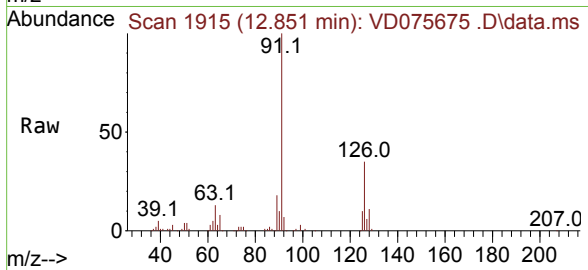
ClientSampleId :

Tgt Ion: 91 Resp: 151966

Ion Ratio Lower Upper

91 100

126 36.6 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 20.907 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD075675.D

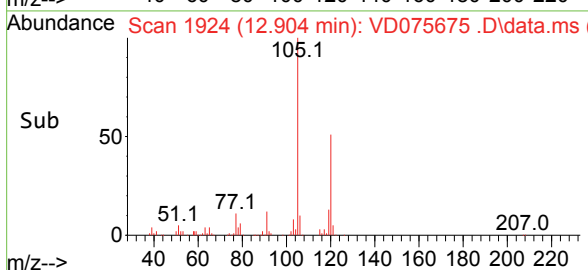
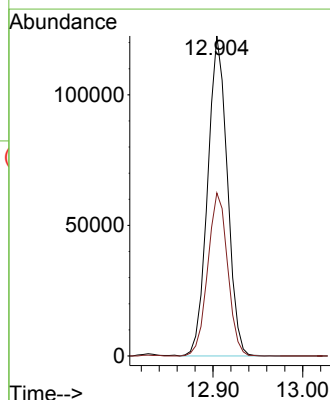
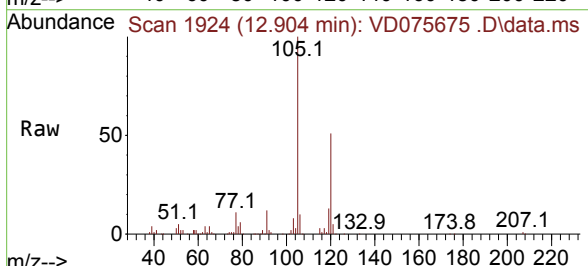
Acq: 14 Apr 2023 12:58

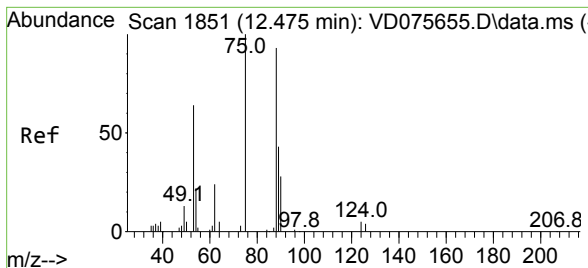
Tgt Ion: 105 Resp: 186092

Ion Ratio Lower Upper

105 100

120 51.6 24.3 72.8

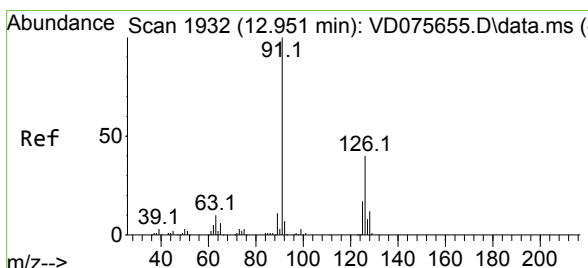
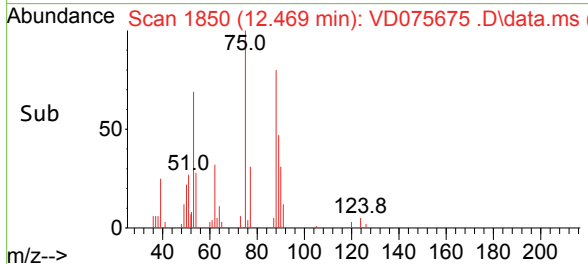
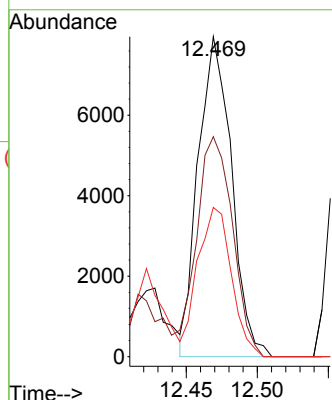
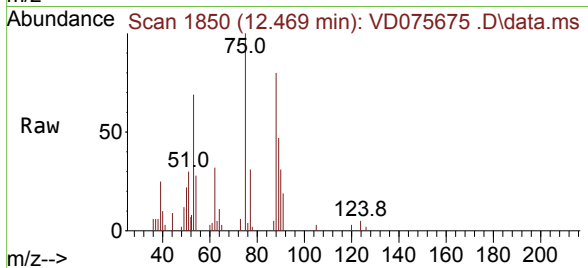




#81
trans-1,4-Dichloro-2-butene
Concen: 21.135 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

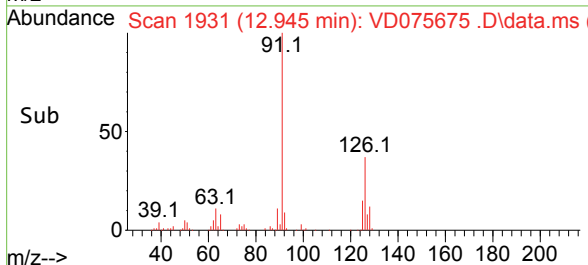
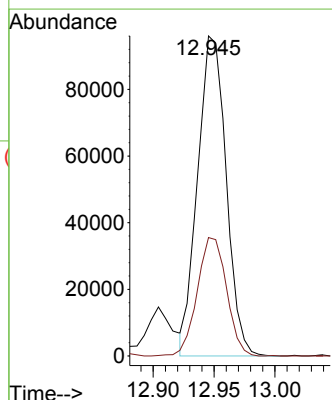
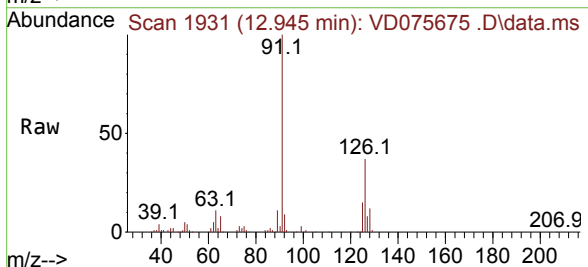
Instrument :
MSVOA_D
ClientSampleId :

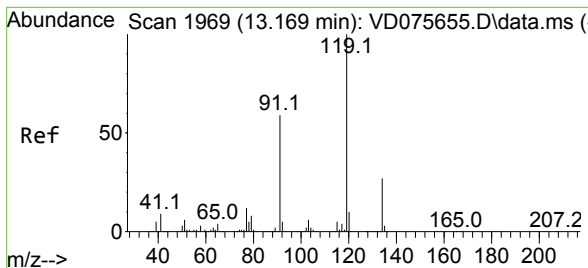
Tgt Ion: 75 Resp: 12937
Ion Ratio Lower Upper
75 100
53 74.8 90.5 135.7#
89 47.3 40.2 60.4



#82
4-Chlorotoluene
Concen: 20.311 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

Tgt Ion: 91 Resp: 156775
Ion Ratio Lower Upper
91 100
126 38.1 17.1 51.2





#83

tert-Butylbenzene

Concen: 20.335 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

Instrument :

MSVOA_D

ClientSampleId :

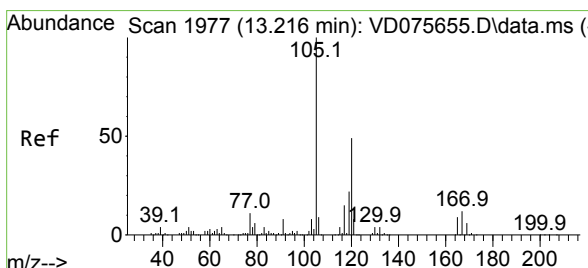
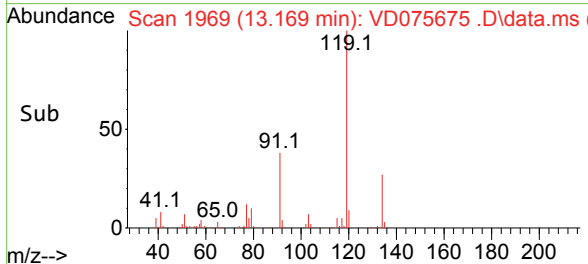
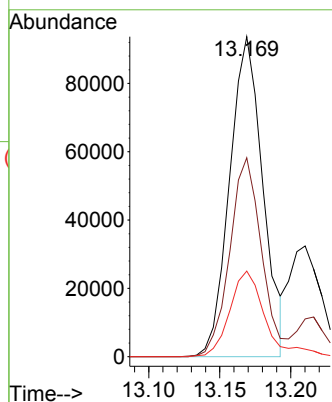
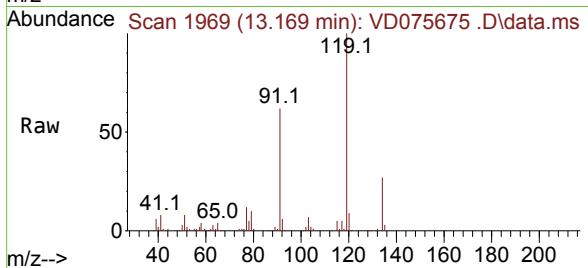
Tgt Ion:119 Resp: 152621

Ion Ratio Lower Upper

119 100

91 60.0 32.4 97.0

134 28.5 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 21.039 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075675.D

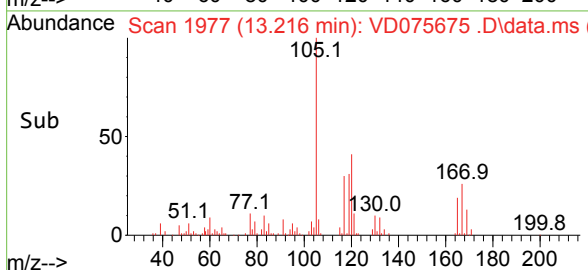
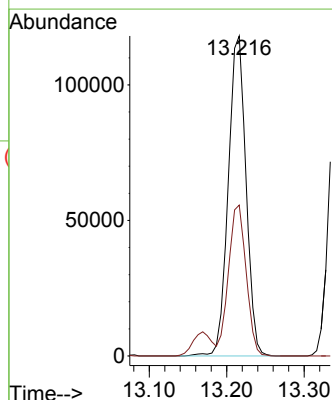
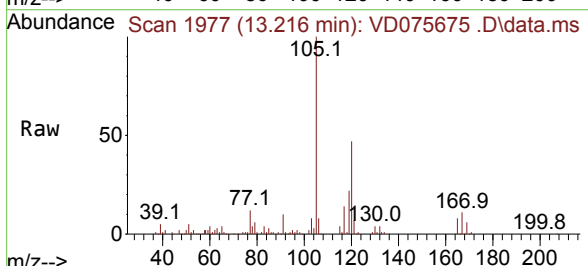
Acq: 14 Apr 2023 12:58

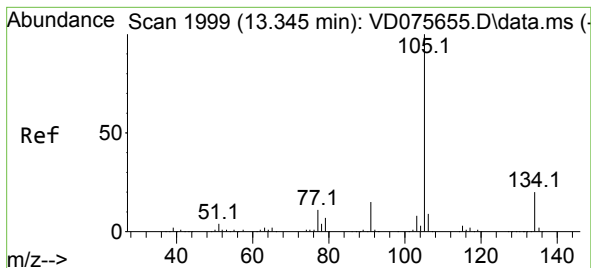
Tgt Ion:105 Resp: 187914

Ion Ratio Lower Upper

105 100

120 47.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 21.266 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

Instrument :

MSVOA_D

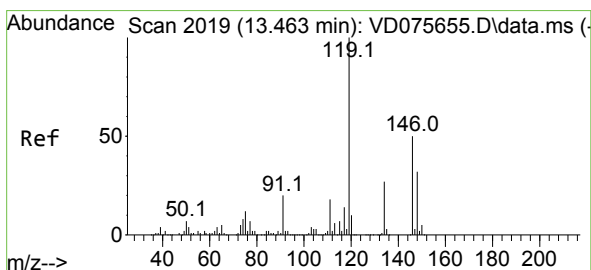
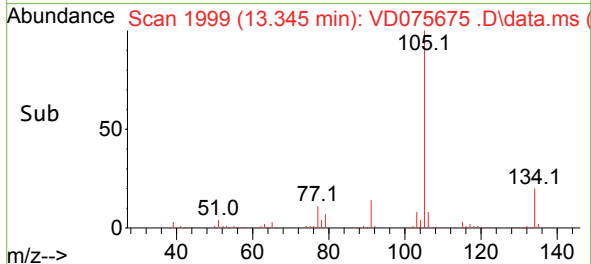
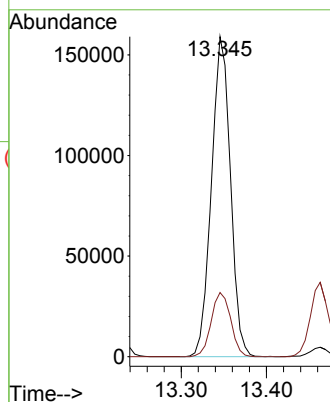
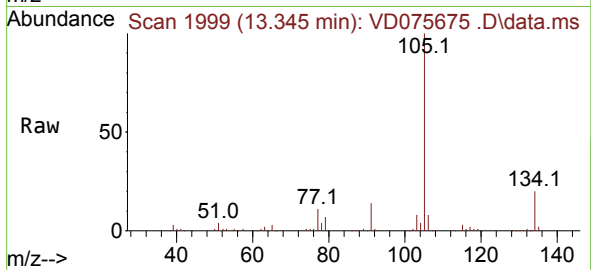
ClientSampleId :

Tgt Ion:105 Resp: 246228

Ion Ratio Lower Upper

105 100

134 20.5 9.9 29.7



#86

p-Isopropyltoluene

Concen: 20.667 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

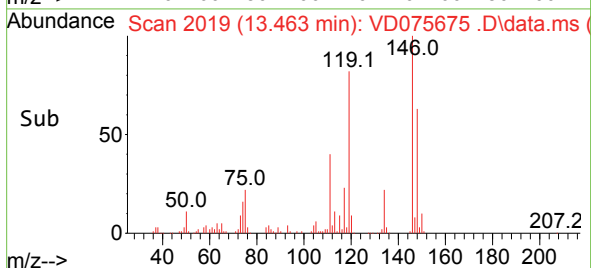
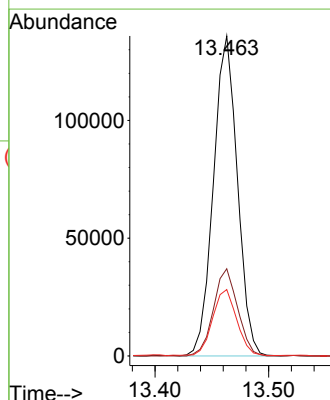
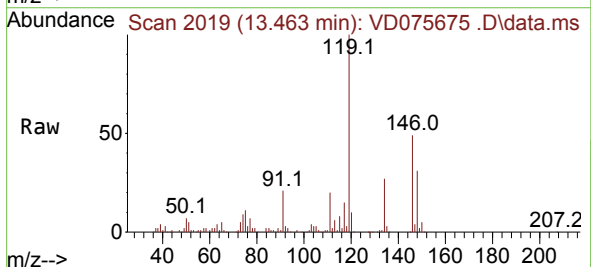
Tgt Ion:119 Resp: 199205

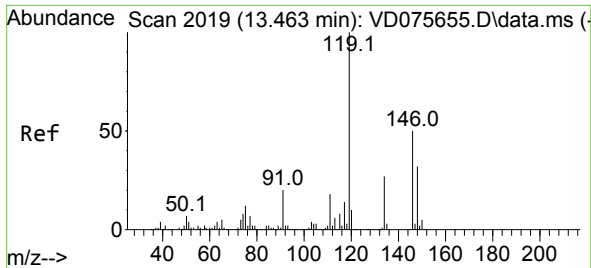
Ion Ratio Lower Upper

119 100

134 27.5 13.1 39.3

91 20.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.999 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

Instrument :

MSVOA_D

ClientSampleId :

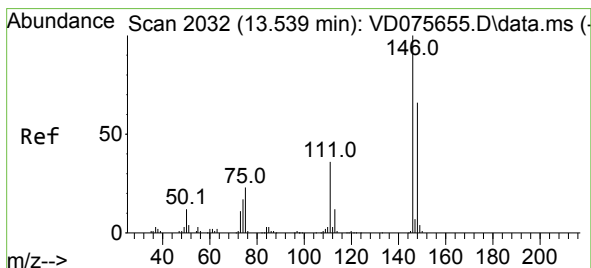
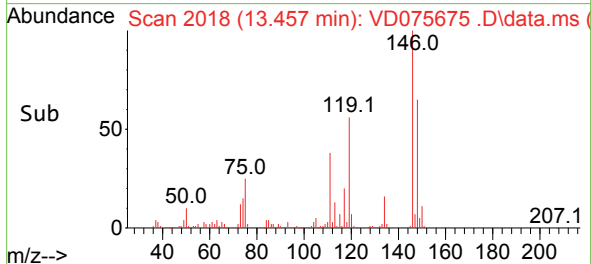
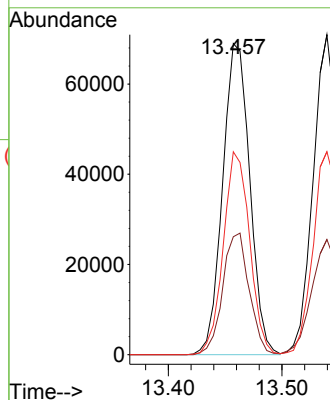
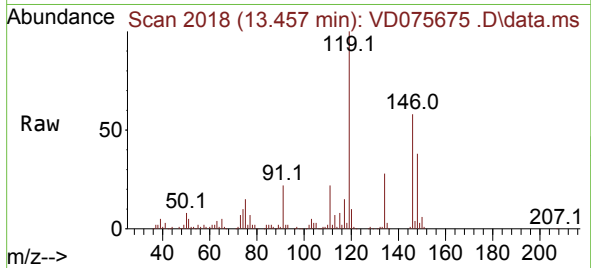
Tgt Ion:146 Resp: 114521

Ion Ratio Lower Upper

146 100

111 38.1 19.8 59.3

148 63.4 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 20.052 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.001 min

Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

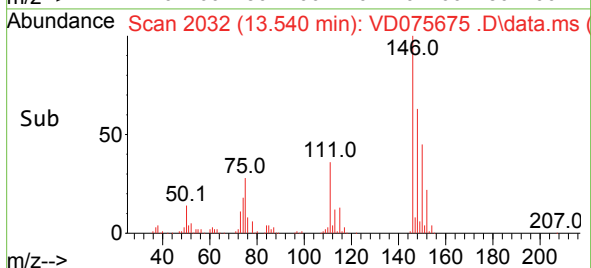
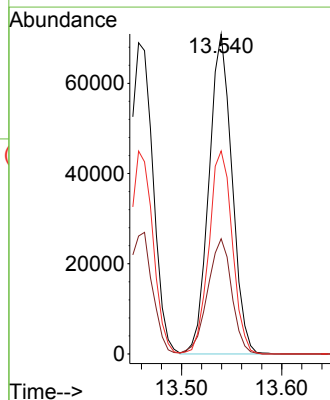
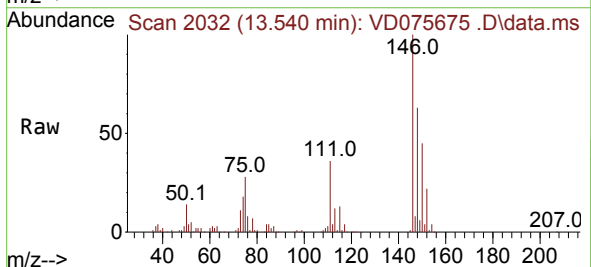
Tgt Ion:146 Resp: 113441

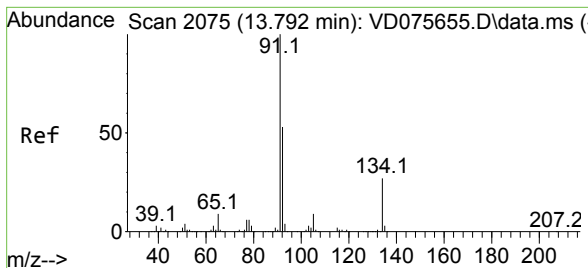
Ion Ratio Lower Upper

146 100

111 37.6 19.6 58.8

148 64.4 31.7 95.1





#89

n-Butylbenzene

Concen: 20.559 ug/l

RT: 13.787 min Scan# 2075

Delta R.T. -0.005 min

Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

Instrument :

MSVOA_D

ClientSampleId :

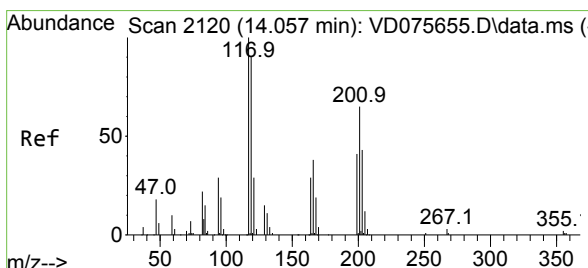
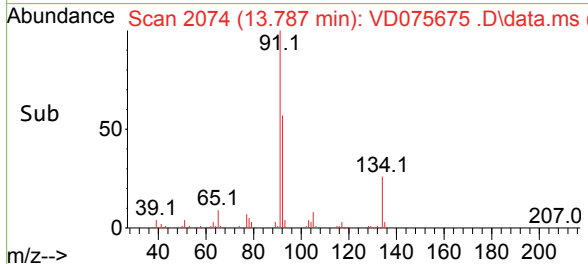
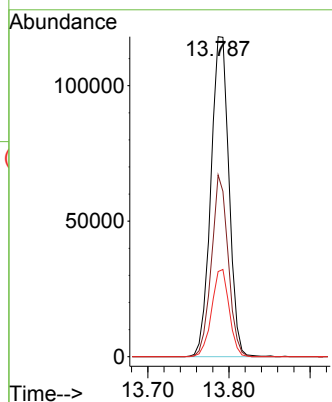
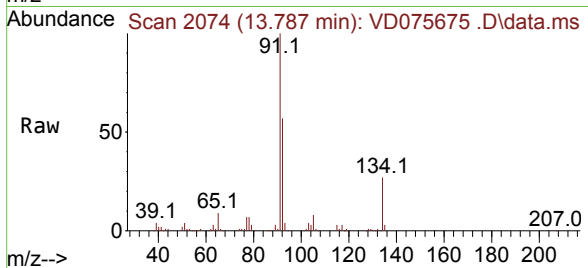
Tgt Ion: 91 Resp: 182538

Ion Ratio Lower Upper

91 100

92 52.3 26.2 78.5

134 26.3 12.7 38.0



#90

Hexachloroethane

Concen: 20.956 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.000 min

Lab File: VD075675.D

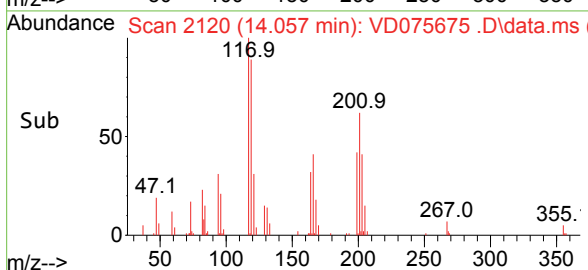
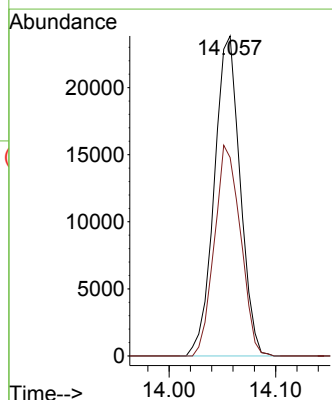
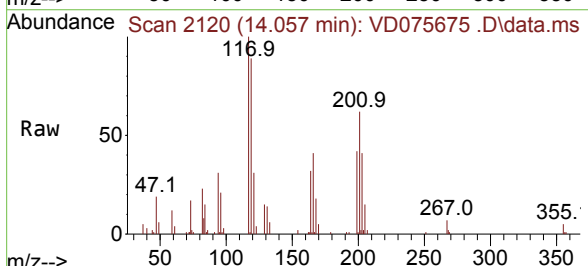
Acq: 14 Apr 2023 12:58

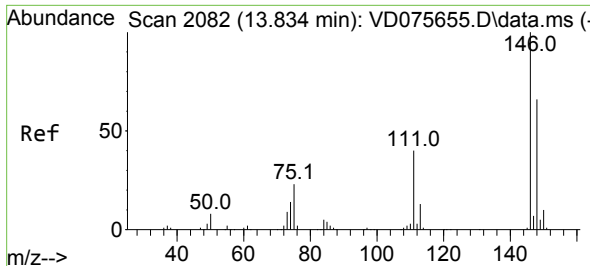
Tgt Ion: 117 Resp: 40134

Ion Ratio Lower Upper

117 100

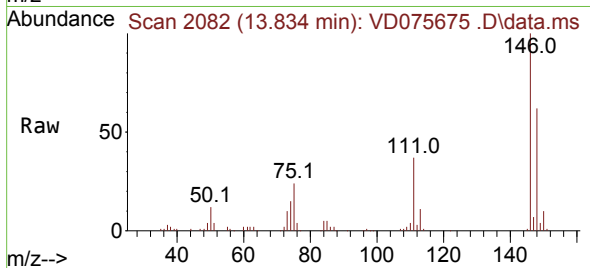
201 66.4 34.5 103.6



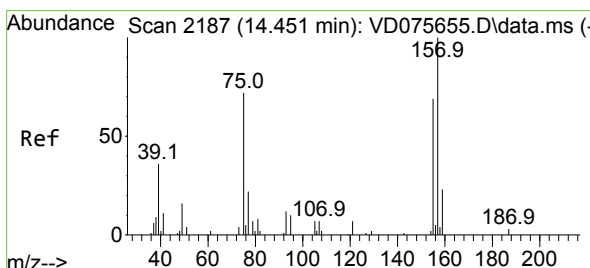
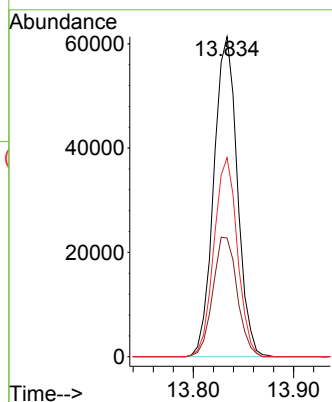
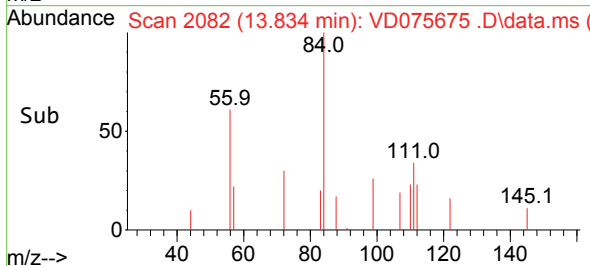


#91
1,2-Dichlorobenzene
Concen: 20.347 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

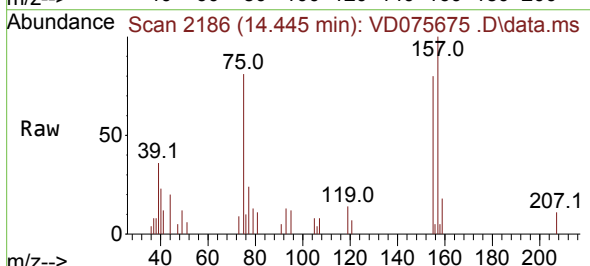
Instrument :
MSVOA_D
ClientSampleId :



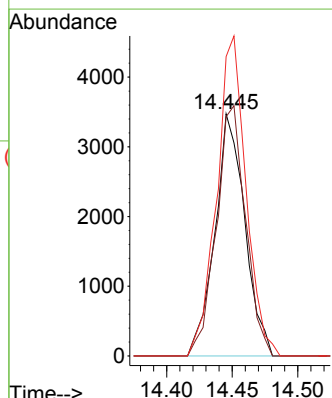
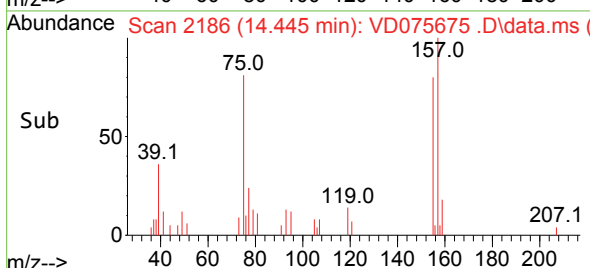
Tgt Ion:146 Resp: 99811
Ion Ratio Lower Upper
146 100
111 38.7 20.6 61.8
148 61.8 32.0 96.2

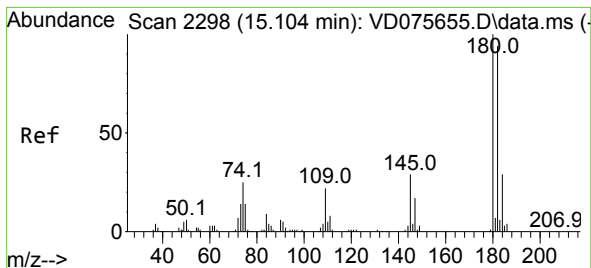


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.785 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58



Tgt Ion: 75 Resp: 5501
Ion Ratio Lower Upper
75 100
155 101.3 39.5 118.5
157 129.5 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 18.611 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

Instrument :

MSVOA_D

ClientSampleId :

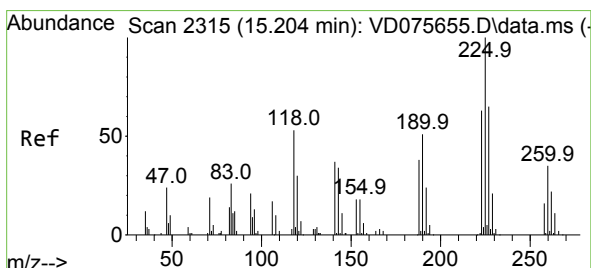
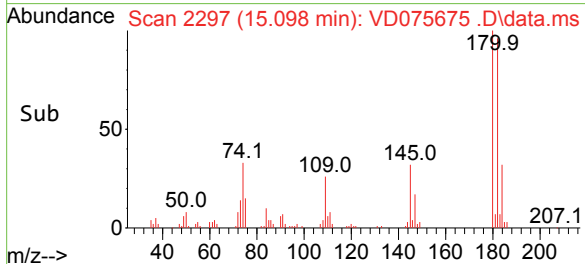
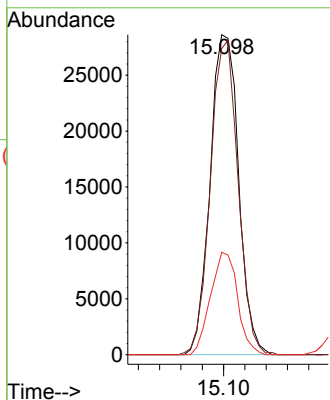
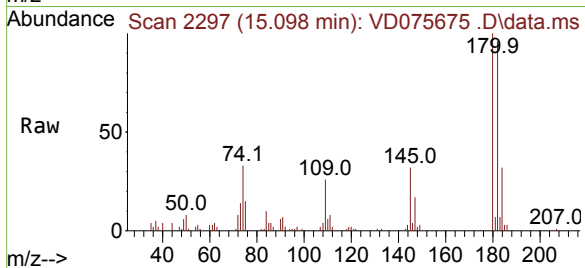
Tgt Ion:180 Resp: 53112

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.7

145 30.4 15.9 47.7



#94

Hexachlorobutadiene

Concen: 19.747 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD075675.D

Acq: 14 Apr 2023 12:58

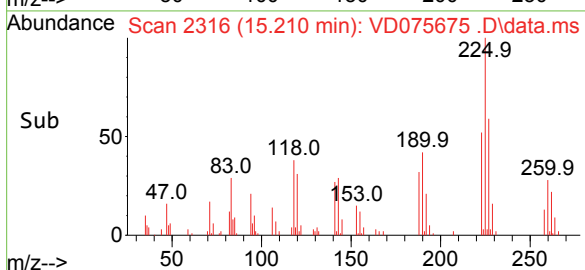
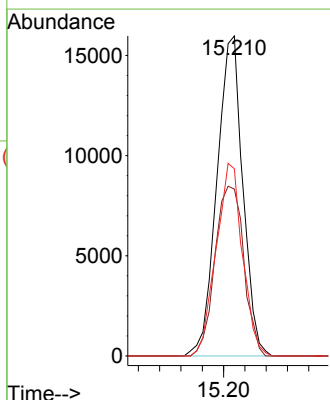
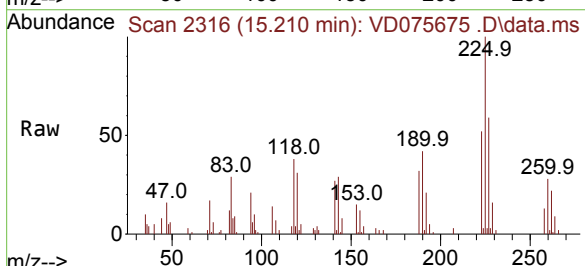
Tgt Ion:225 Resp: 26935

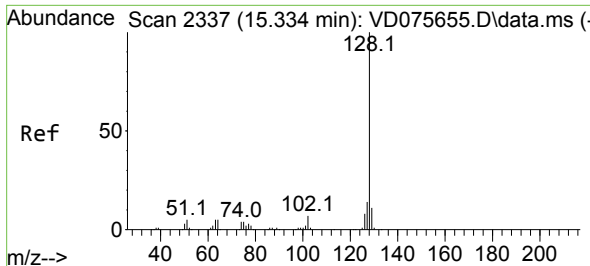
Ion Ratio Lower Upper

225 100

223 59.1 33.1 99.2

227 61.3 31.9 95.9

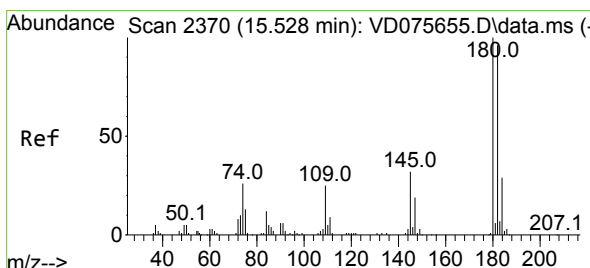
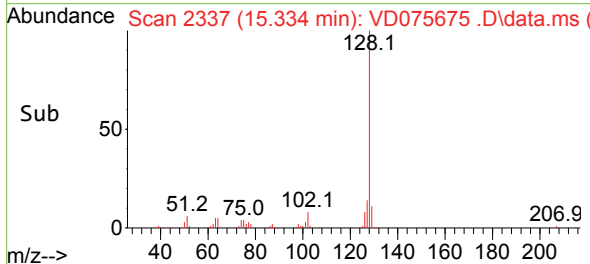
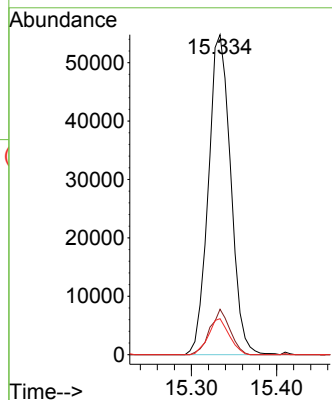
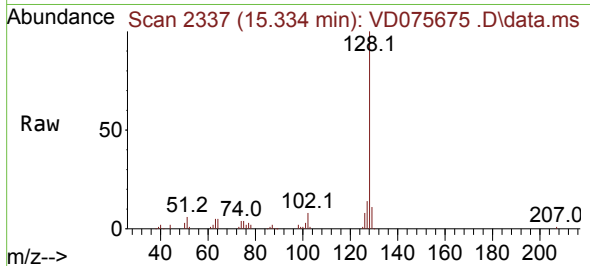




#95
Naphthalene
Concen: 18.424 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	99610
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	10.5	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.043 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD075675.D
Acq: 14 Apr 2023 12:58

Tgt Ion:	180	Resp:	47834
Ion	Ratio	Lower	Upper
180	100		
182	87.8	47.7	143.1
145	30.0	16.4	49.4

