

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030823\
 Data File : VD075468.D
 Acq On : 08 Mar 2023 14:07
 Operator : KP/SY
 Sample : VD0308SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308SBS01

Quant Time: Mar 09 02:14:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 08 12:19:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	231016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	398343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	355479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	172355	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	81807	55.516	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.040%
35) Dibromofluoromethane	7.804	113	109140	47.284	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.560%
50) Toluene-d8	10.269	98	382825	45.804	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.600%
62) 4-Bromofluorobenzene	12.575	95	123713	48.948	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	46244	20.295	ug/l	94
3) Chloromethane	2.152	50	83762	22.091	ug/l	99
4) Vinyl Chloride	2.287	62	116962	21.436	ug/l	98
5) Bromomethane	2.693	94	85384	19.386	ug/l	97
6) Chloroethane	2.840	64	77603	21.442	ug/l	97
7) Trichlorofluoromethane	3.181	101	91536	21.466	ug/l	93
8) Diethyl Ether	3.599	74	22551	19.563	ug/l	63
9) 1,1,2-Trichlorotrifluo...	3.975	101	55303	19.829	ug/l	95
10) Methyl Iodide	4.163	142	57996	18.807	ug/l	94
11) Tert butyl alcohol	5.063	59	8713	91.286	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	53371	19.372	ug/l	93
13) Acrolein	3.799	56	19499	88.243	ug/l	98
14) Allyl chloride	4.563	41	47684	19.660	ug/l #	83
15) Acrylonitrile	5.263	53	39849	93.287	ug/l	97
16) Acetone	4.022	43	33155	89.099	ug/l #	82
17) Carbon Disulfide	4.275	76	179441	20.423	ug/l	99
18) Methyl Acetate	4.569	43	20877	18.686	ug/l #	72
19) Methyl tert-butyl Ether	5.322	73	90625	19.280	ug/l	96
20) Methylene Chloride	4.805	84	73588	21.641	ug/l #	74
21) trans-1,2-Dichloroethene	5.316	96	61168	19.889	ug/l #	75
22) Diisopropyl ether	6.216	45	103628	20.181	ug/l #	88
23) Vinyl Acetate	6.157	43	242896	96.064	ug/l #	84
24) 1,1-Dichloroethane	6.110	63	91033	20.507	ug/l #	96
25) 2-Butanone	7.081	43	42884	89.087	ug/l #	67
26) 2,2-Dichloropropane	7.075	77	82178	20.465	ug/l	93
27) cis-1,2-Dichloroethene	7.075	96	65537	19.808	ug/l	83
28) Bromochloromethane	7.428	49	30864	20.779	ug/l #	53
29) Tetrahydrofuran	7.446	42	24471	91.906	ug/l #	57
30) Chloroform	7.598	83	99114	20.520	ug/l	97
31) Cyclohexane	7.881	56	75305	20.309	ug/l #	74
32) 1,1,1-Trichloroethane	7.793	97	85607	20.030	ug/l	95
36) 1,1-Dichloropropene	8.004	75	78437	20.123	ug/l	96
37) Ethyl Acetate	7.169	43	18991	18.893	ug/l #	84
38) Carbon Tetrachloride	7.993	117	72378	20.051	ug/l	92
39) Methylcyclohexane	9.275	83	95955	19.637	ug/l	92
40) Benzene	8.251	78	235031	20.757	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	10457	19.471	ug/l #	66
42) 1,2-Dichloroethane	8.328	62	50593	19.888	ug/l	91
43) Isopropyl Acetate	8.363	43	34038	17.725	ug/l #	72
44) Trichloroethene	9.034	130	63731	19.065	ug/l	90
45) 1,2-Dichloropropane	9.304	63	49087	19.702	ug/l	93
46) Dibromomethane	9.398	93	30923	20.499	ug/l	99
47) Bromodichloromethane	9.587	83	71955	19.785	ug/l	99
48) Methyl methacrylate	9.387	41	16908	18.649	ug/l #	62
49) 1,4-Dioxane	9.381	88	5022	351.055	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	89275	90.935	ug/l #	79
52) Toluene	10.334	92	150881	20.569	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	66226	20.073	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	81681	20.088	ug/l #	78
55) 1,1,2-Trichloroethane	10.734	97	41839	19.890	ug/l	92
56) Ethyl methacrylate	10.598	69	39293	18.794	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	64939	19.468	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	97823	95.172	ug/l #	89
59) 2-Hexanone	10.922	43	62865	90.769	ug/l	71
60) Dibromochloromethane	11.075	129	49261	19.646	ug/l	98
61) 1,2-Dibromoethane	11.187	107	39366	19.817	ug/l	99
64) Tetrachloroethene	10.810	164	51831	19.133	ug/l	89
65) Chlorobenzene	11.610	112	156966	19.823	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	53002	19.719	ug/l	97
67) Ethyl Benzene	11.686	91	265162	19.610	ug/l	98
68) m/p-Xylenes	11.792	106	220667	40.075	ug/l	92
69) o-Xylene	12.128	106	97726	19.521	ug/l	93
70) Styrene	12.139	104	168085	19.799	ug/l	94
71) Bromoform	12.304	173	26755	19.329	ug/l #	98
73) Isopropylbenzene	12.422	105	258810	20.162	ug/l	100
74) N-amyl acetate	12.239	43	31376	19.094	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.675	83	42513	19.403	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	50242	36.796	ug/l #	100
77) Bromobenzene	12.704	156	60730	20.175	ug/l	89
78) n-propylbenzene	12.769	91	318370	20.464	ug/l	97
79) 2-Chlorotoluene	12.851	91	170422	20.271	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	210185	20.038	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	12730	19.341	ug/l #	72
82) 4-Chlorotoluene	12.951	91	179652	20.623	ug/l	96
83) tert-Butylbenzene	13.169	119	174311	19.384	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	212614	20.587	ug/l	95
85) sec-Butylbenzene	13.351	105	284002	20.327	ug/l	100
86) p-Isopropyltoluene	13.463	119	233355	20.096	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	125683	20.094	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	123675	20.060	ug/l	98
89) n-Butylbenzene	13.792	91	216588	20.073	ug/l	99
90) Hexachloroethane	14.057	117	46297	20.551	ug/l	96
91) 1,2-Dichlorobenzene	13.833	146	105643	19.745	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5352	18.597	ug/l	80
93) 1,2,4-Trichlorobenzene	15.104	180	58537	19.428	ug/l	96
94) Hexachlorobutadiene	15.210	225	30269	19.857	ug/l	98
95) Naphthalene	15.333	128	97665	17.264	ug/l	99
96) 1,2,3-Trichlorobenzene	15.527	180	48750	18.653	ug/l	99

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QLast Update : Wed Mar 08 12:19:57 2023
Response via : Initial Calibration

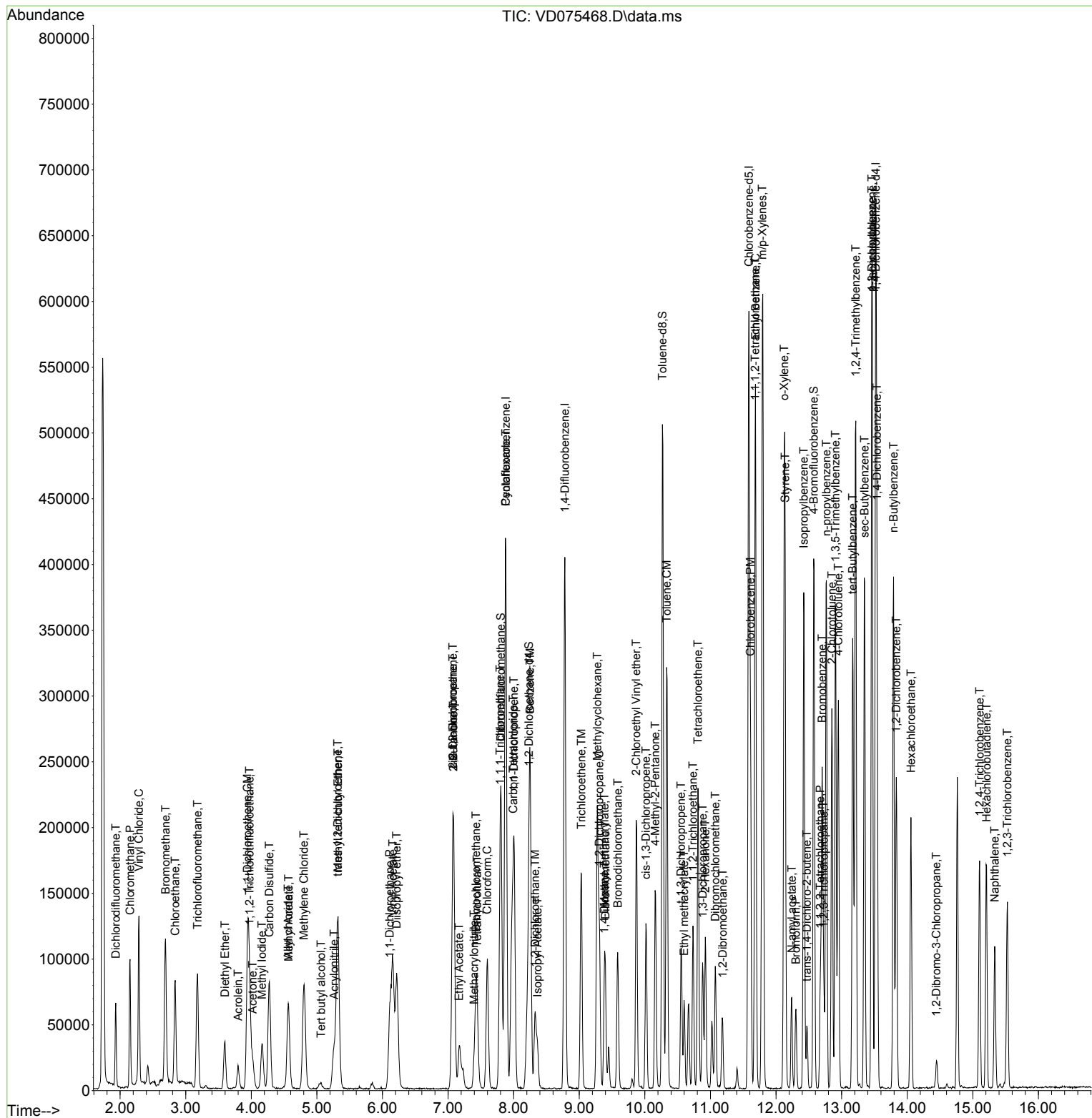
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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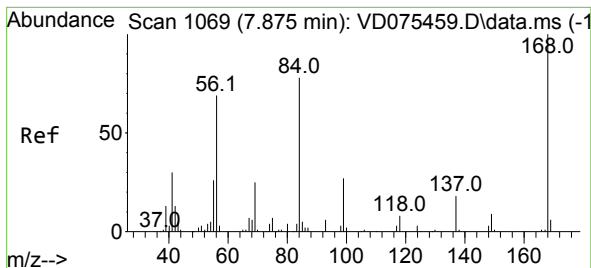
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD075468.D

Acq: 08 Mar 2023 14:07

Instrument :

MSVOA_D

ClientSampleId :

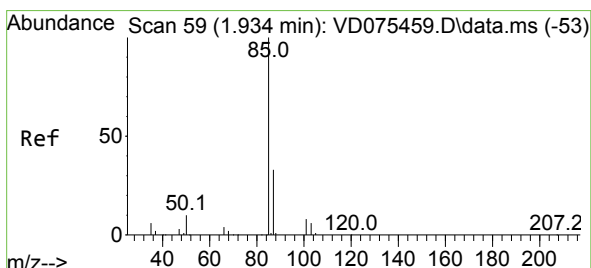
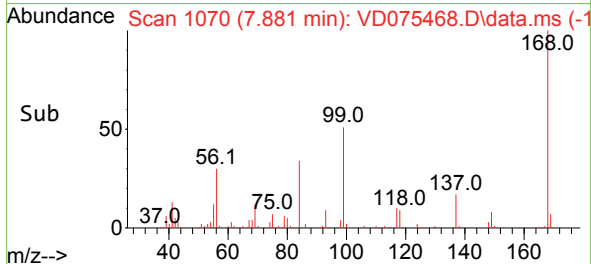
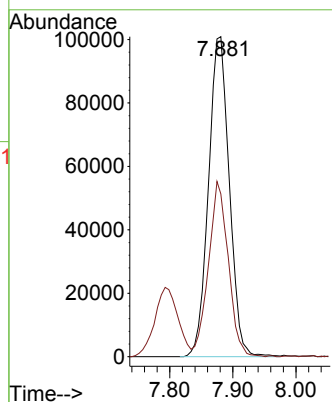
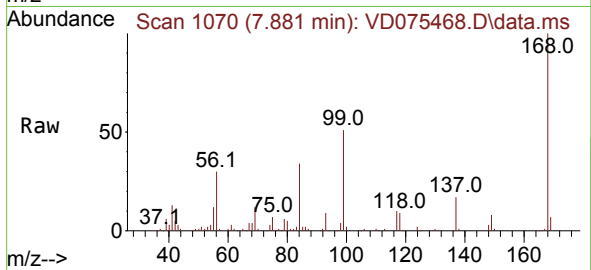
VD0308SBS01

Tgt Ion:168 Resp: 231016

Ion Ratio Lower Upper

168 100

99 50.8 43.8 65.6



#2

Dichlorodifluoromethane

Concen: 20.295 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD075468.D

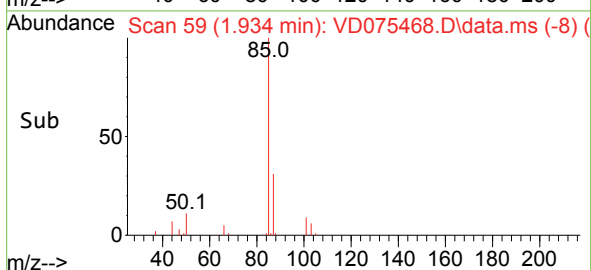
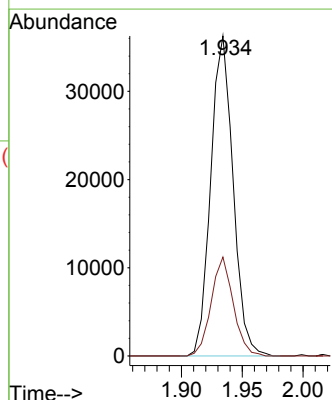
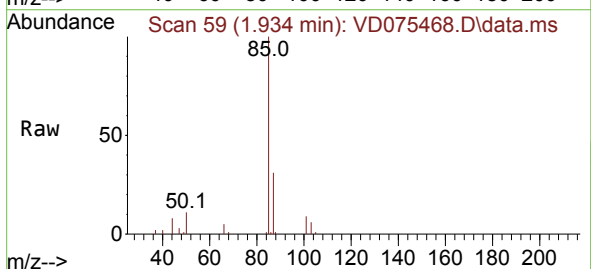
Acq: 08 Mar 2023 14:07

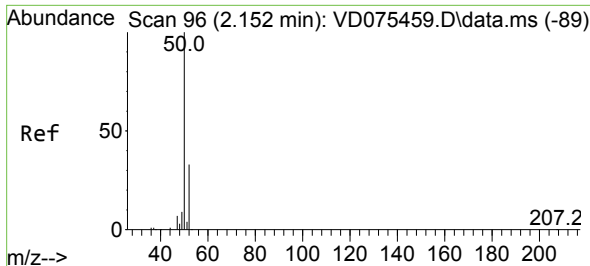
Tgt Ion: 85 Resp: 46244

Ion Ratio Lower Upper

85 100

87 30.9 17.3 51.7

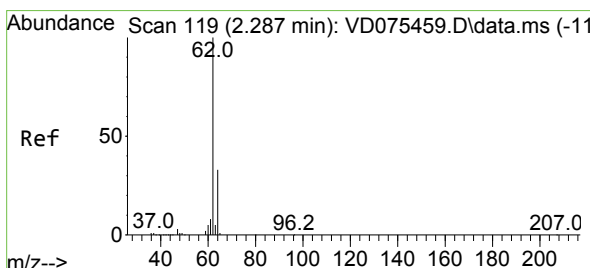
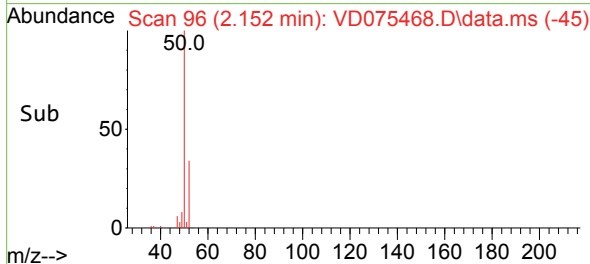
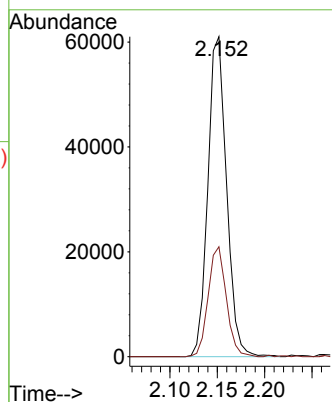
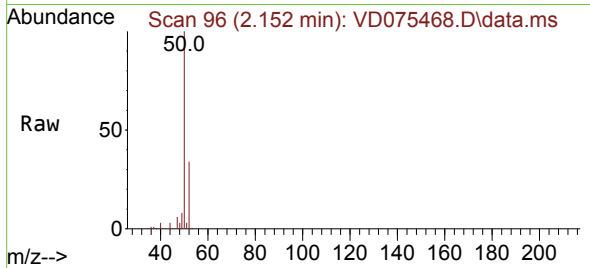




#3
Chloromethane
Concen: 22.091 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

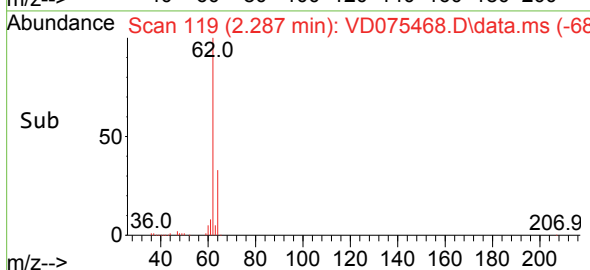
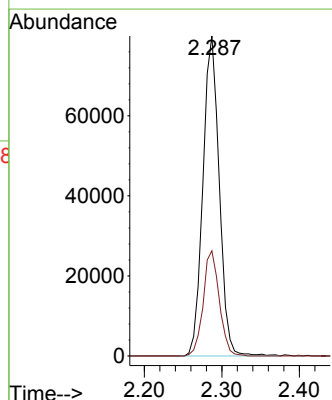
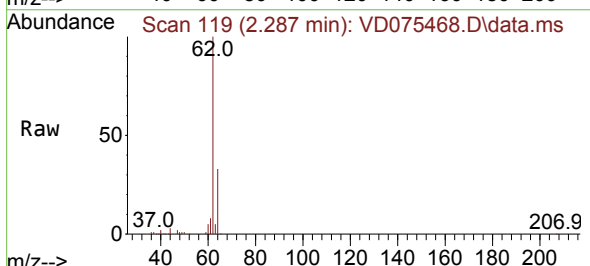
Instrument :
MSVOA_D
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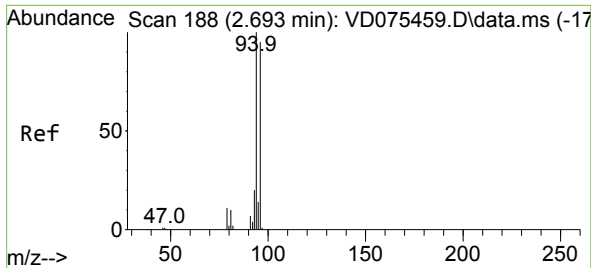
Tgt Ion: 50 Resp: 83762
Ion Ratio Lower Upper
50 100
52 34.4 27.8 41.8



#4
Vinyl Chloride
Concen: 21.436 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion: 62 Resp: 116962
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0

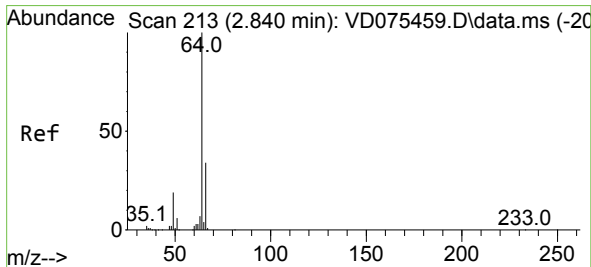
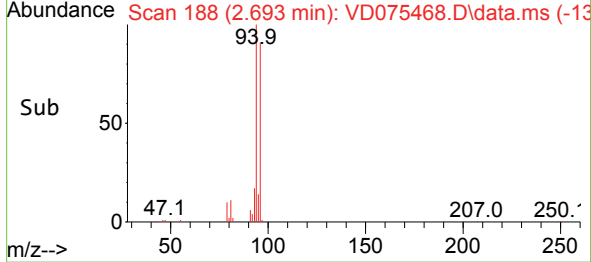
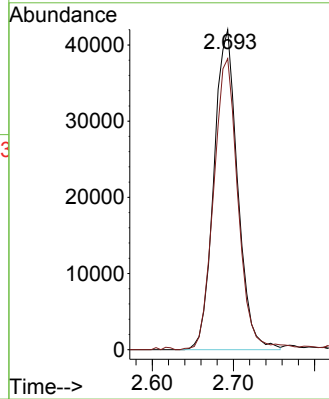
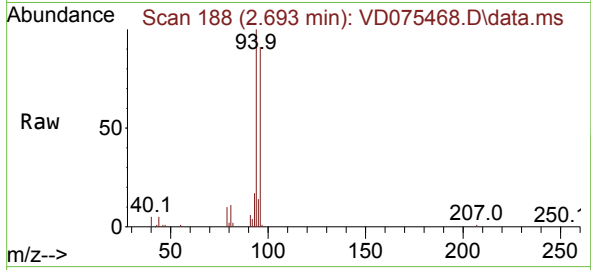




#5
Bromomethane
Concen: 19.386 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD075468.D
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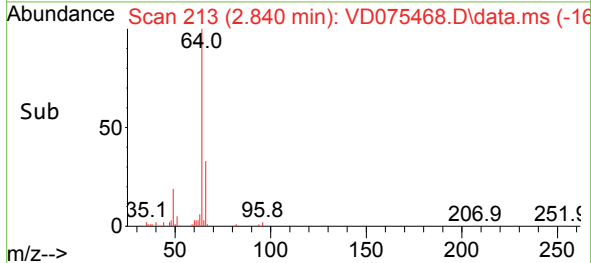
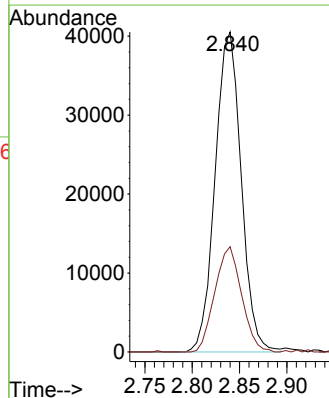
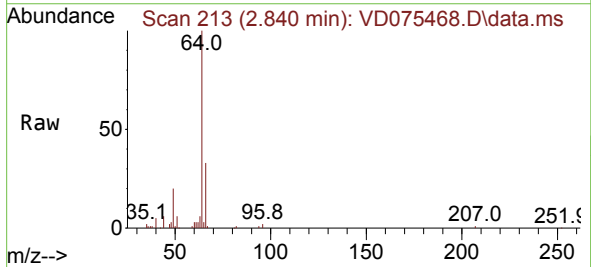
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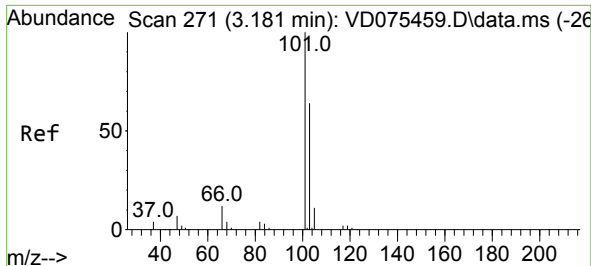
Tgt Ion: 94 Resp: 85384
Ion Ratio Lower Upper
94 100
96 93.8 77.5 116.3



#6
Chloroethane
Concen: 21.442 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion: 64 Resp: 77603
Ion Ratio Lower Upper
64 100
66 32.9 27.7 41.5

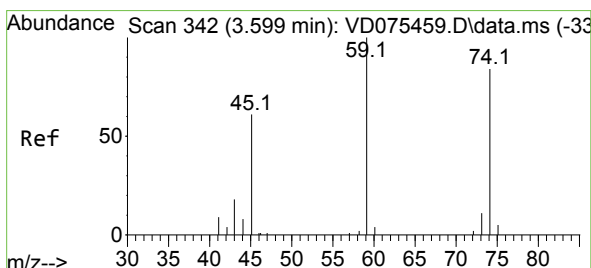
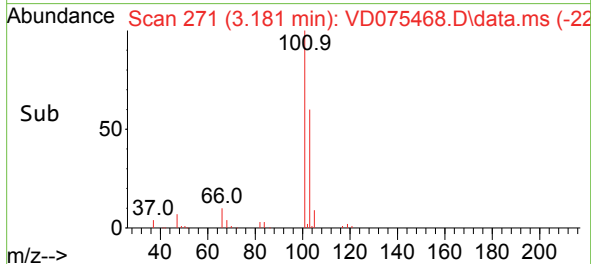
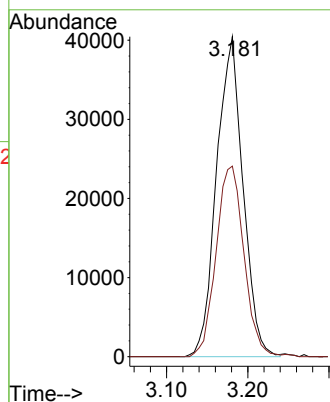
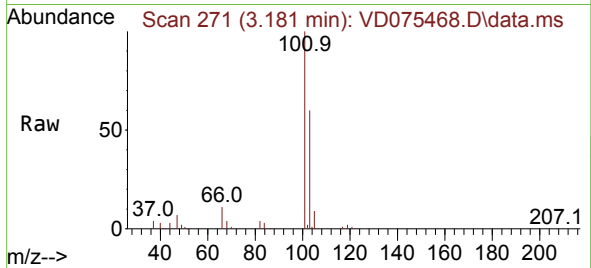




#7
Trichlorofluoromethane
Concen: 21.466 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

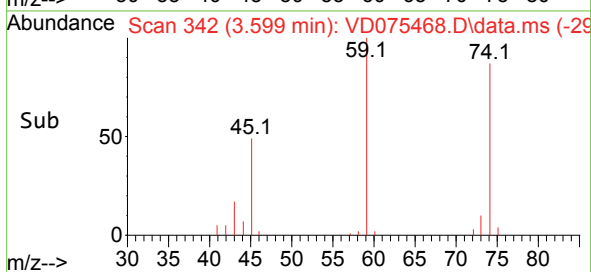
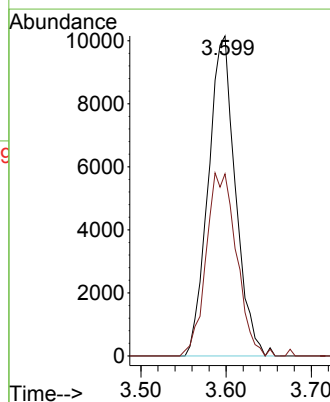
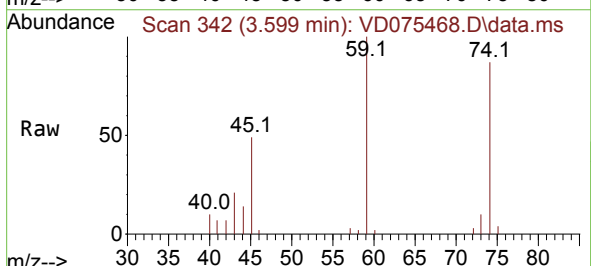
Instrument :
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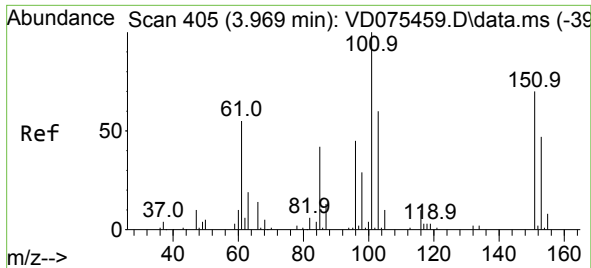
Tgt Ion:101 Resp: 91536
Ion Ratio Lower Upper
101 100
103 59.5 51.9 77.9



#8
Diethyl Ether
Concen: 19.563 ug/l
RT: 3.599 min Scan# 342
Delta R.T. -0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion: 74 Resp: 22551
Ion Ratio Lower Upper
74 100
45 64.0 50.9 152.7

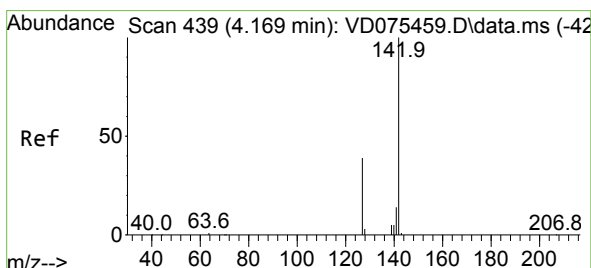
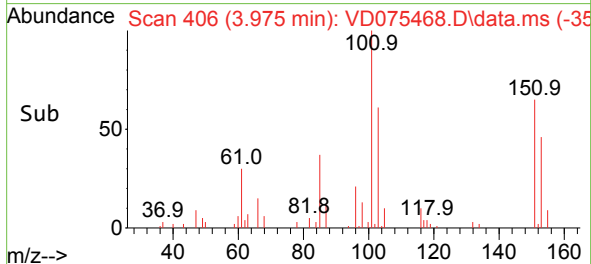
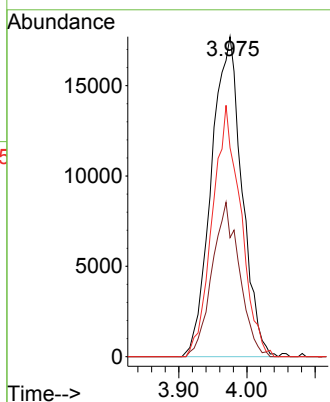
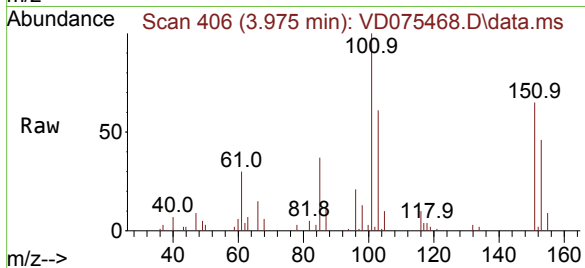




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.829 ug/l
RT: 3.975 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

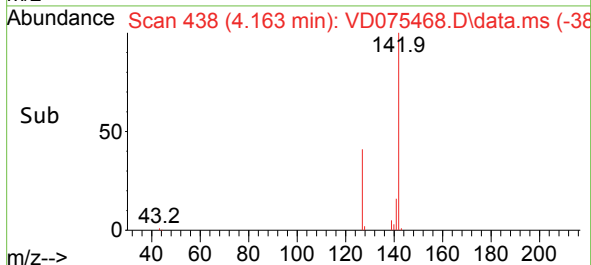
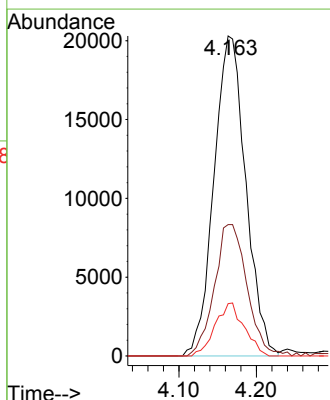
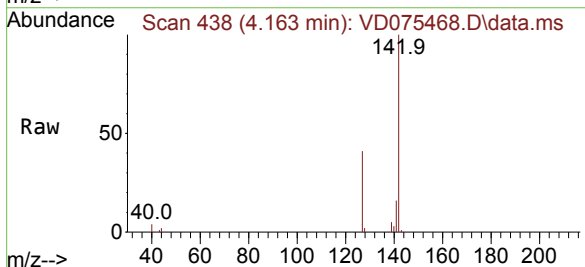
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

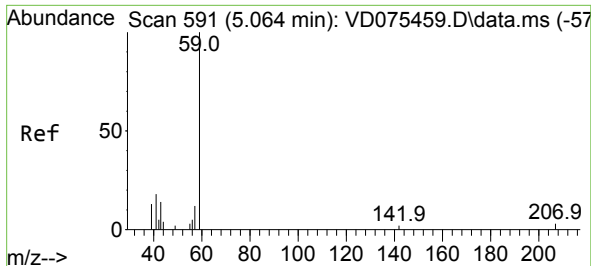
Tgt Ion:101 Resp: 55303
Ion Ratio Lower Upper
101 100
85 43.2 38.3 57.5
151 72.7 60.4 90.6



#10
Methyl Iodide
Concen: 18.807 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion:142 Resp: 57996
Ion Ratio Lower Upper
142 100
127 42.0 37.1 55.7
141 15.1 11.3 16.9





#11

Tert butyl alcohol

Concen: 91.286 ug/l

RT: 5.063 min Scan# 591

Delta R.T. -0.001 min

Lab File: VD075468.D

Acq: 08 Mar 2023 14:07

Instrument :

MSVOA_D

ClientSampleId :

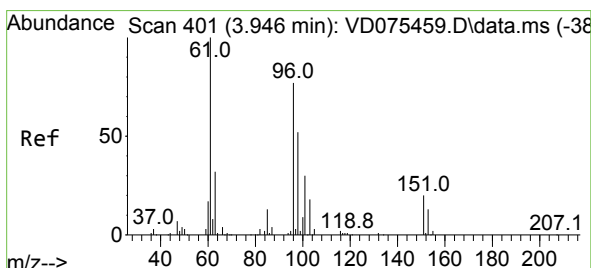
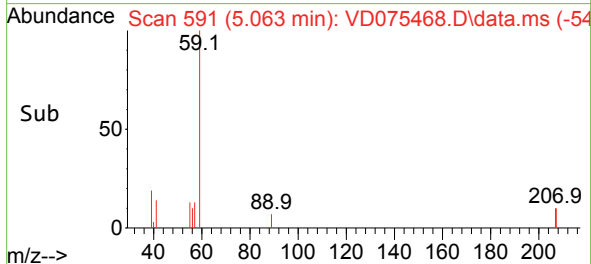
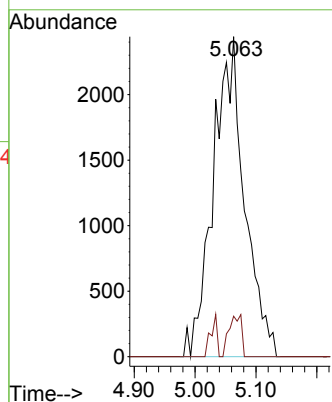
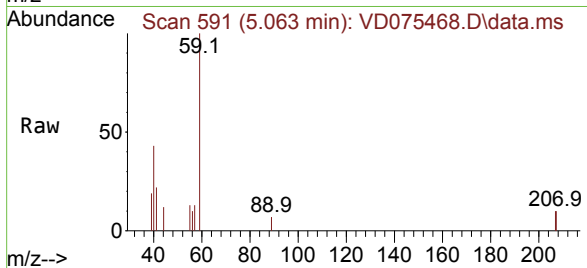
VD0308SBS01

Tgt Ion: 59 Resp: 8713

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0



#12

1,1-Dichloroethene

Concen: 19.372 ug/l

RT: 3.940 min Scan# 400

Delta R.T. -0.006 min

Lab File: VD075468.D

Acq: 08 Mar 2023 14:07

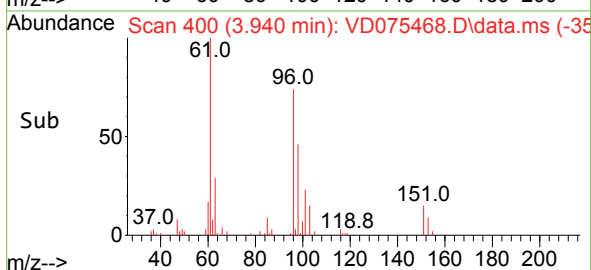
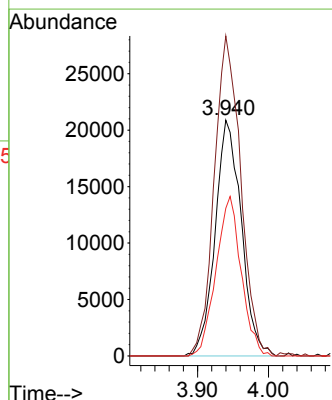
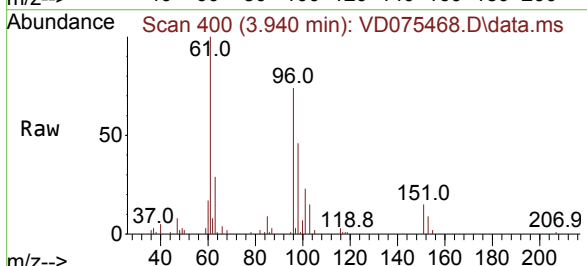
Tgt Ion: 96 Resp: 53371

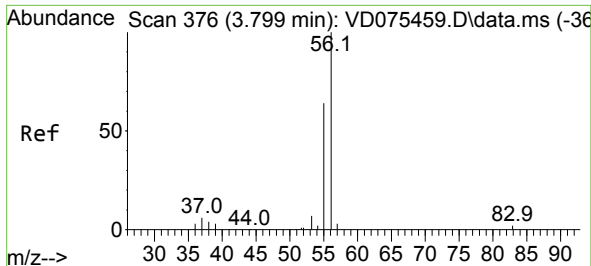
Ion Ratio Lower Upper

96 100

61 135.7 118.6 177.8

98 62.6 49.7 74.5





#13

Acrolein

Concen: 88.243 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD075468.D

Acq: 08 Mar 2023 14:07

Instrument :

MSVOA_D

ClientSampleId :

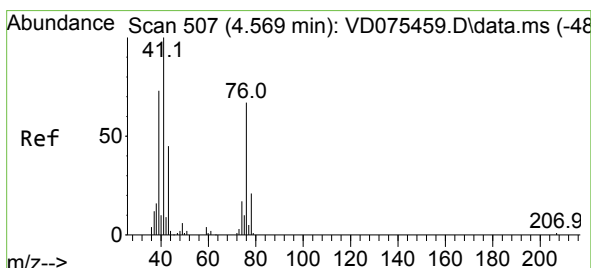
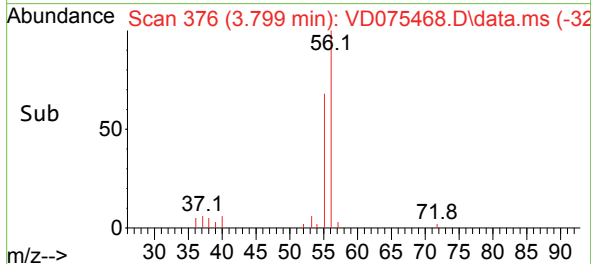
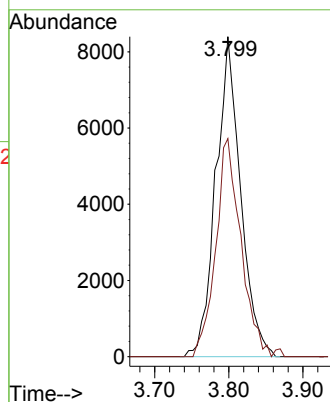
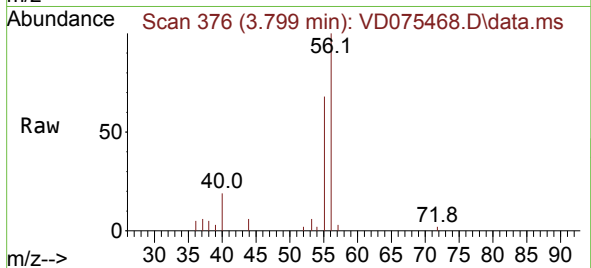
VD0308SBS01

Tgt Ion: 56 Resp: 19499

Ion Ratio Lower Upper

56 100

55 69.0 53.9 80.9



#14

Allyl chloride

Concen: 19.660 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.006 min

Lab File: VD075468.D

Acq: 08 Mar 2023 14:07

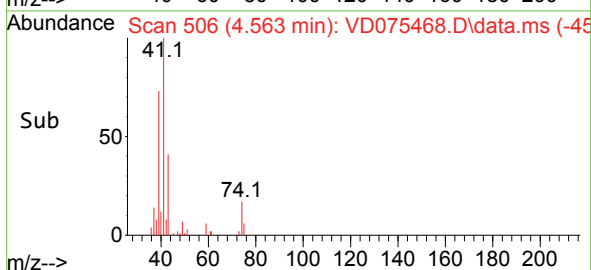
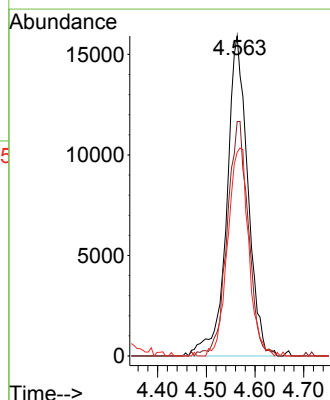
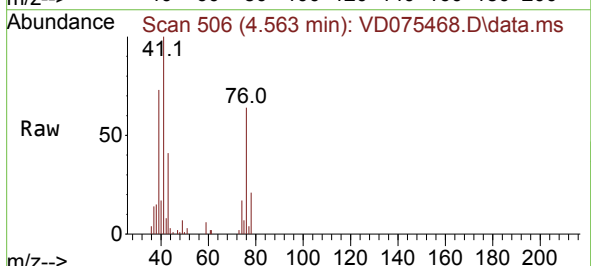
Tgt Ion: 41 Resp: 47684

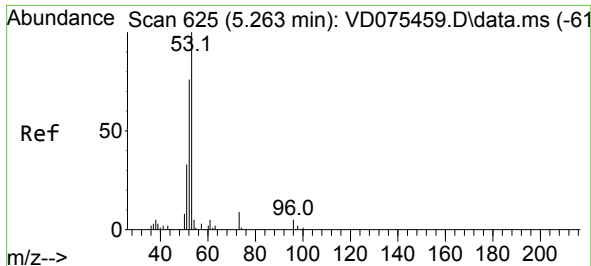
Ion Ratio Lower Upper

41 100

39 74.0 60.6 90.8

76 65.0 28.6 43.0#

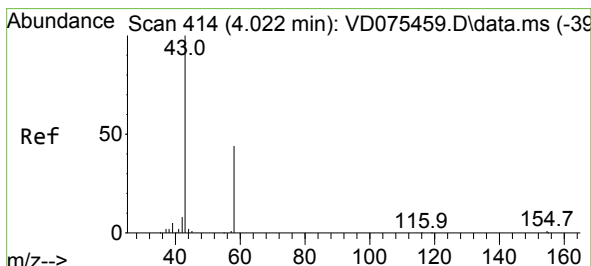
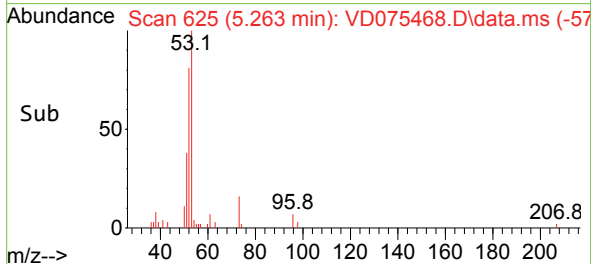
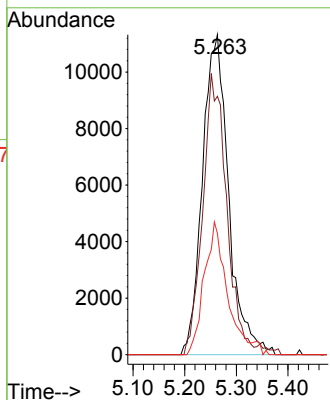
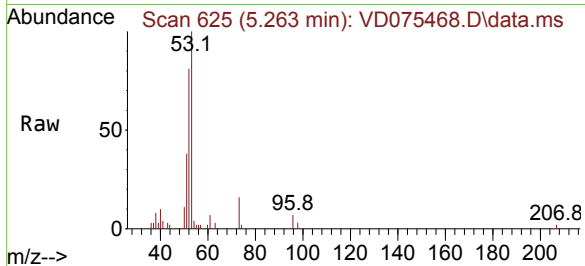




#15
Acrylonitrile
Concen: 93.287 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

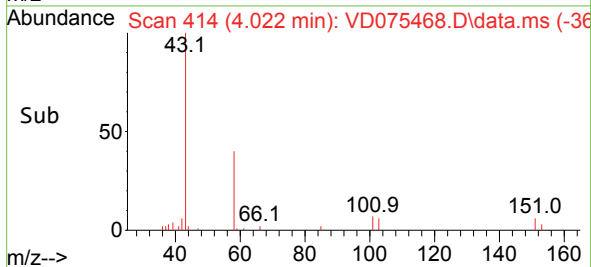
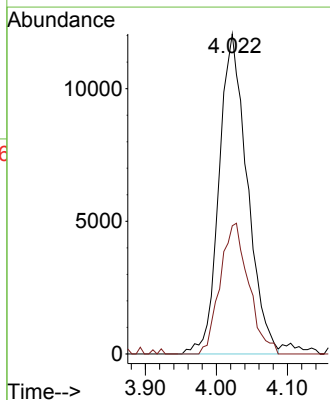
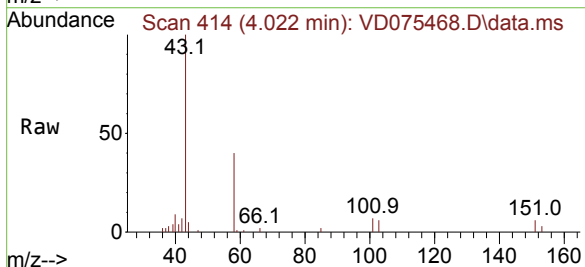
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

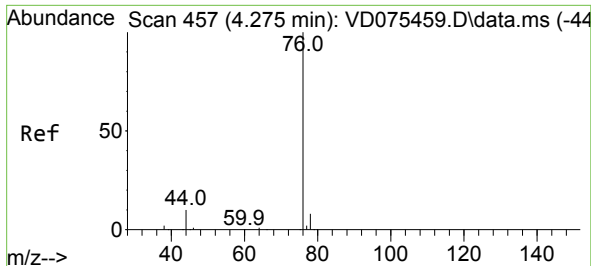
Tgt Ion: 53 Resp: 39849
Ion Ratio Lower Upper
53 100
52 79.9 66.2 99.4
51 35.9 30.7 46.1



#16
Acetone
Concen: 89.099 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion: 43 Resp: 33155
Ion Ratio Lower Upper
43 100
58 40.1 24.4 36.6#

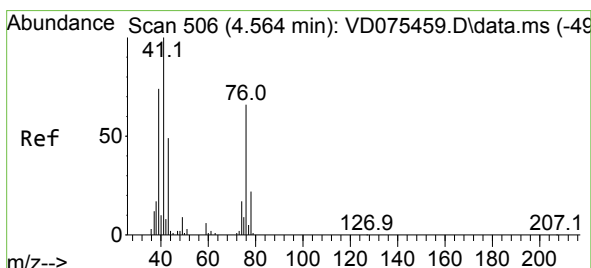
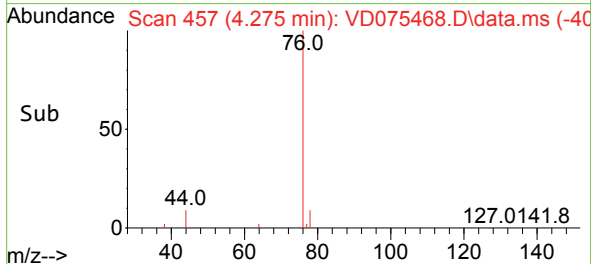
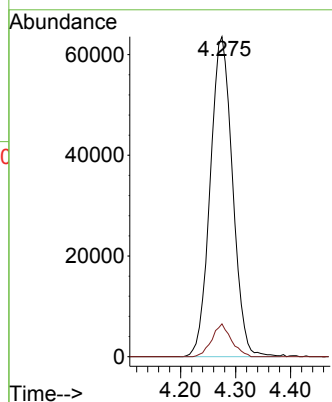
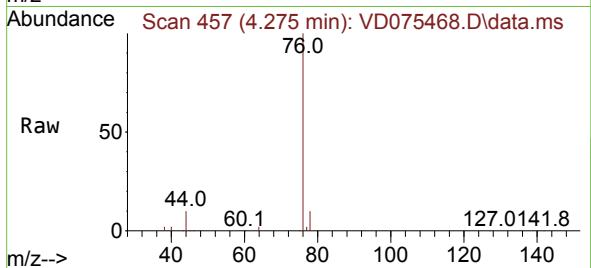




#17
Carbon Disulfide
Concen: 20.423 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

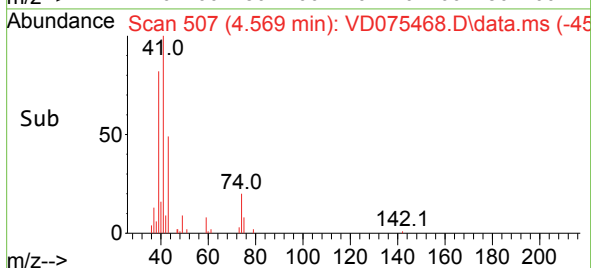
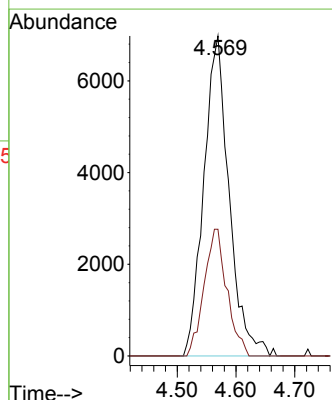
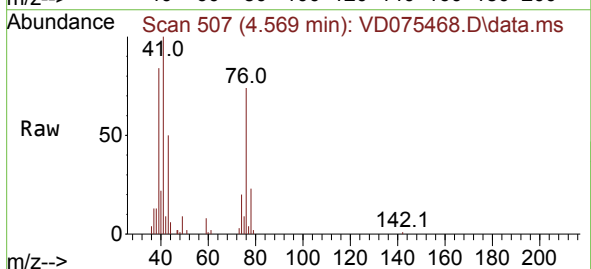
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

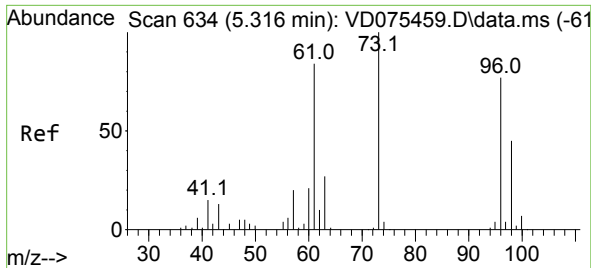
Tgt Ion: 76 Resp: 179441
Ion Ratio Lower Upper
76 100
78 10.3 8.0 12.0



#18
Methyl Acetate
Concen: 18.686 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.005 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion: 43 Resp: 20877
Ion Ratio Lower Upper
43 100
74 35.7 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 19.280 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD075468.D

Acq: 08 Mar 2023 14:07

Instrument :

MSVOA_D

ClientSampleId :

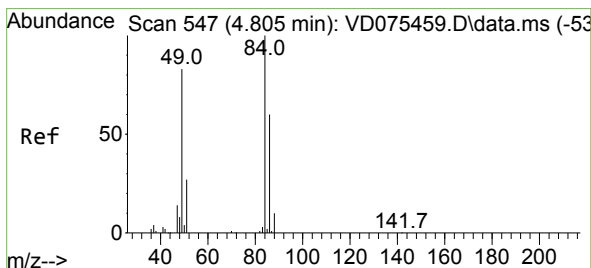
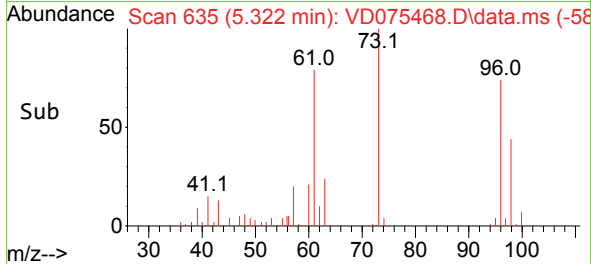
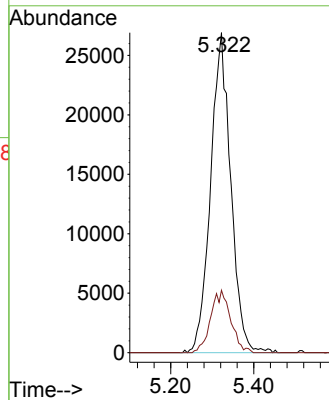
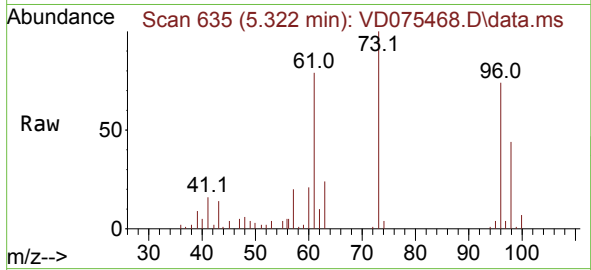
VD0308SBS01

Tgt Ion: 73 Resp: 90625

Ion Ratio Lower Upper

73 100

57 19.5 17.2 25.8



#20

Methylene Chloride

Concen: 21.641 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD075468.D

Acq: 08 Mar 2023 14:07

Tgt Ion: 84 Resp: 73588

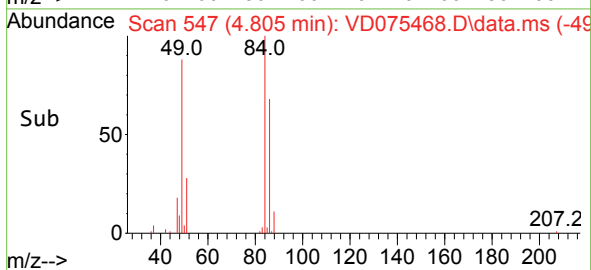
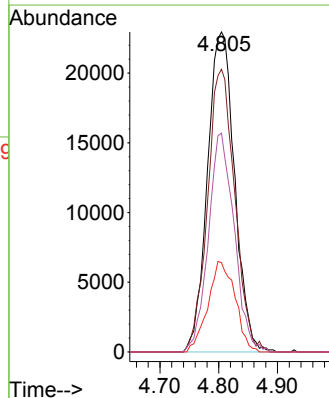
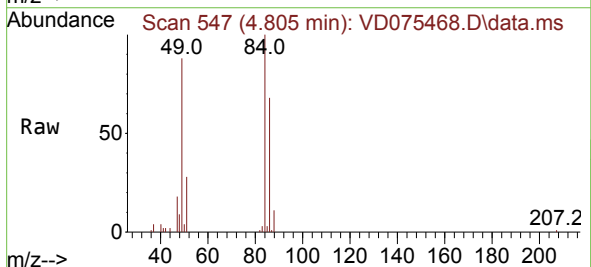
Ion Ratio Lower Upper

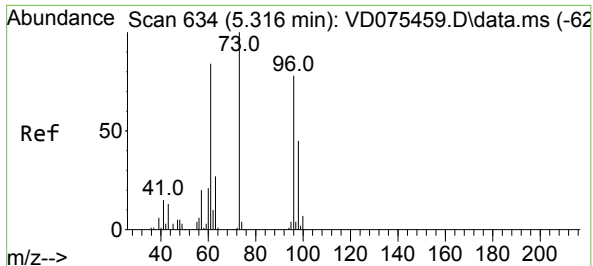
84 100

49 88.4 106.4 159.6#

51 27.9 32.4 48.6#

86 68.4 50.9 76.3

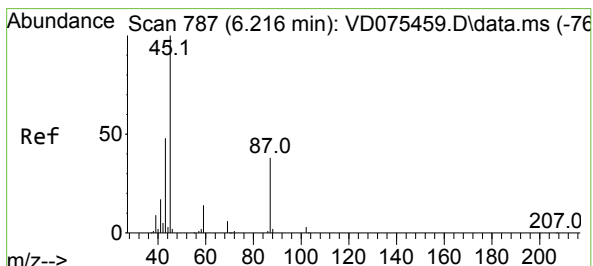
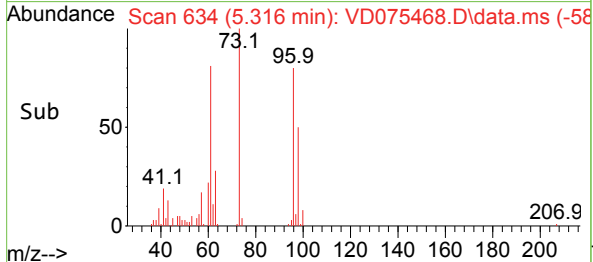
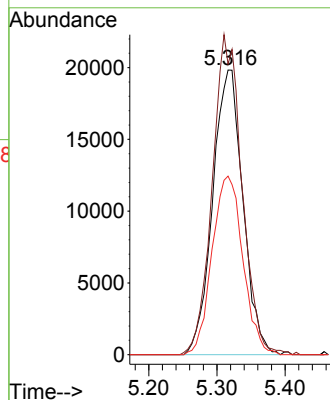
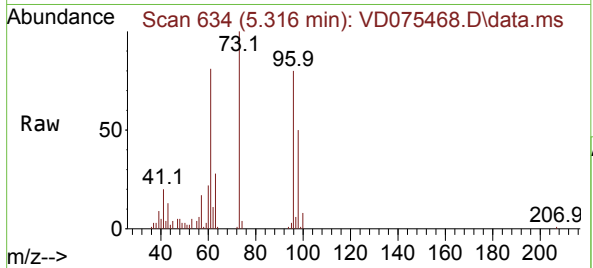




#21
trans-1,2-Dichloroethene
Concen: 19.889 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

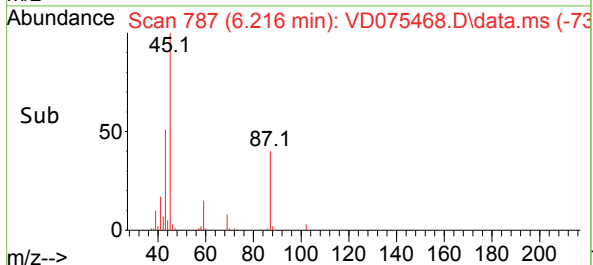
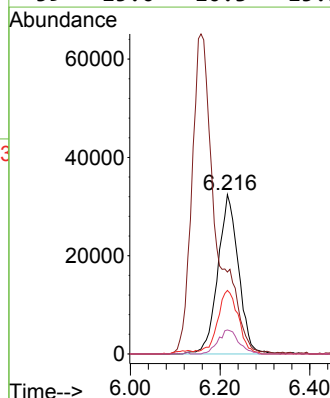
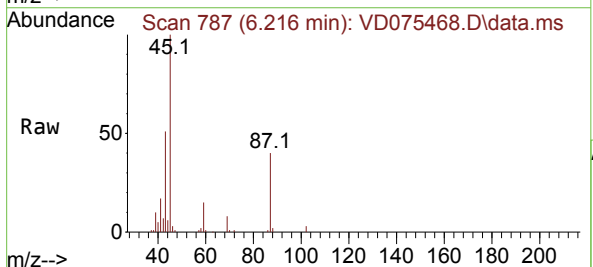
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

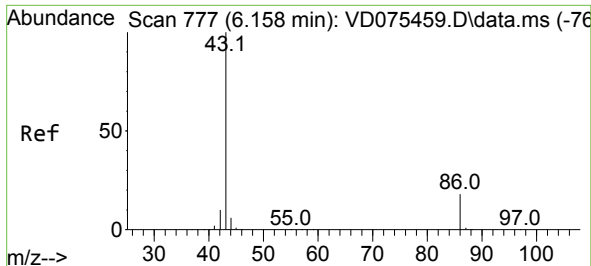
Tgt Ion: 96 Resp: 61168
Ion Ratio Lower Upper
96 100
61 102.1 117.2 175.8#
98 62.7 50.6 76.0



#22
Diisopropyl ether
Concen: 20.181 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion: 45 Resp: 103628
Ion Ratio Lower Upper
45 100
43 50.6 44.4 66.6
87 39.9 20.9 31.3#
59 15.0 10.3 15.5





#23

Vinyl Acetate

Concen: 96.064 ug/l

RT: 6.157 min Scan# 777

Delta R.T. -0.001 min

Lab File: VD075468.D

Acq: 08 Mar 2023 14:07

Instrument :

MSVOA_D

ClientSampleId :

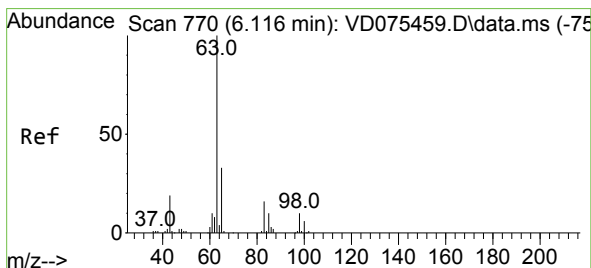
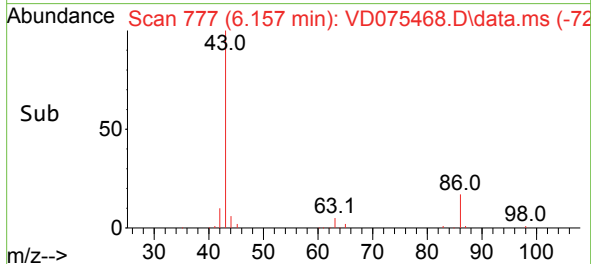
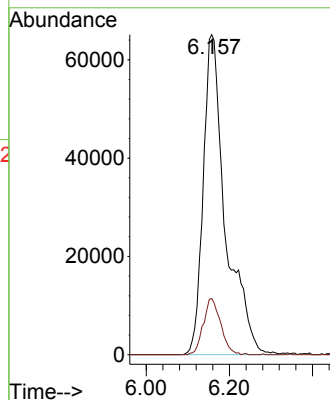
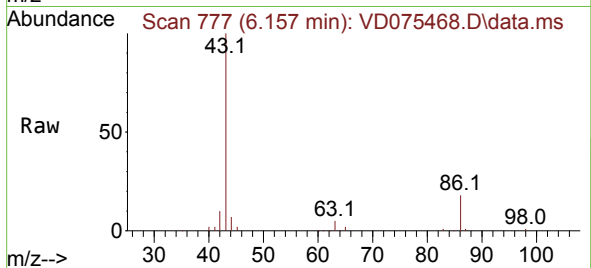
VD0308SBS01

Tgt Ion: 43 Resp: 242896

Ion Ratio Lower Upper

43 100

86 17.6 9.0 13.6#



#24

1,1-Dichloroethane

Concen: 20.507 ug/l

RT: 6.110 min Scan# 769

Delta R.T. -0.006 min

Lab File: VD075468.D

Acq: 08 Mar 2023 14:07

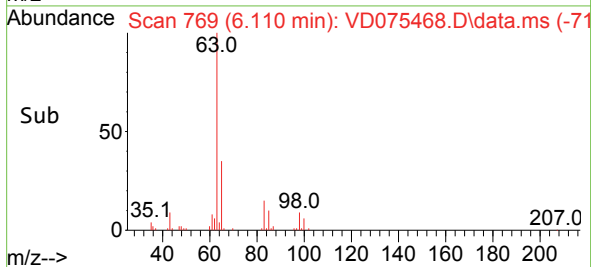
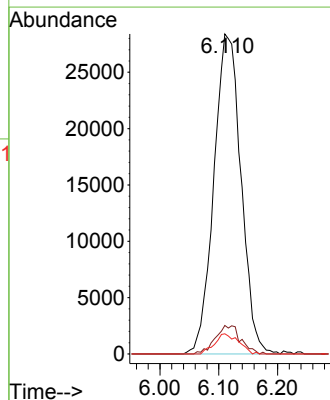
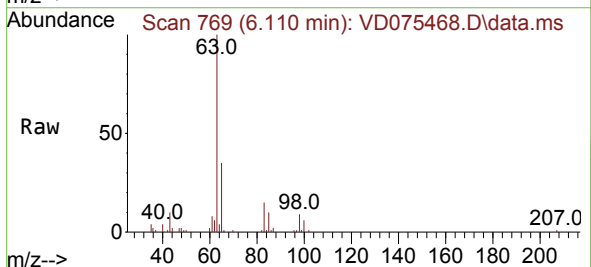
Tgt Ion: 63 Resp: 91033

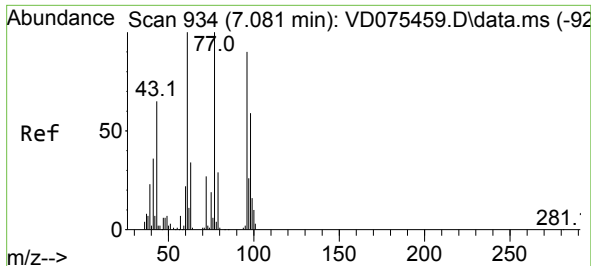
Ion Ratio Lower Upper

63 100

98 8.9 3.9 11.7

100 6.3 2.0 6.0#

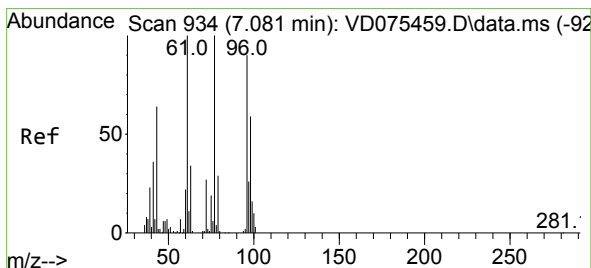
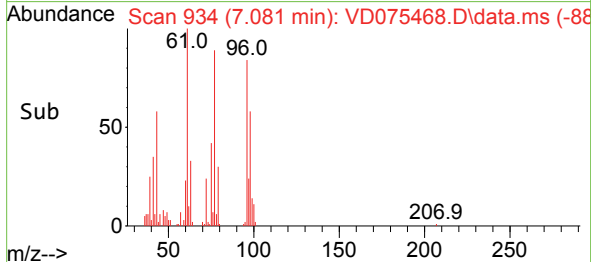
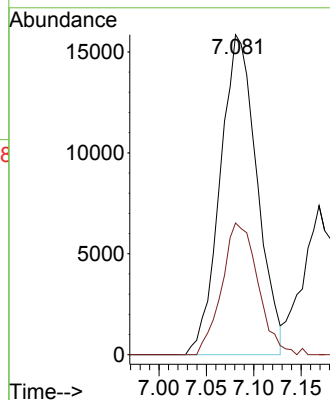
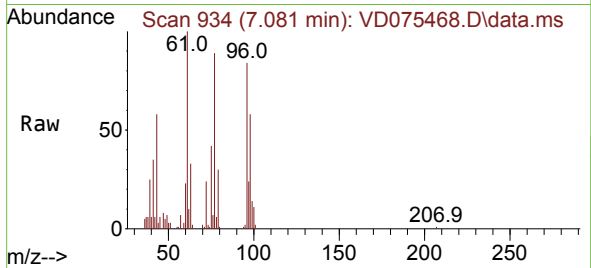




#25
2-Butanone
Concen: 89.087 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

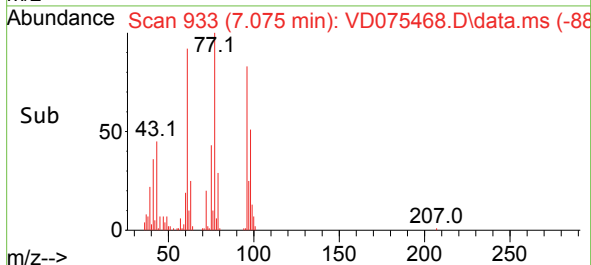
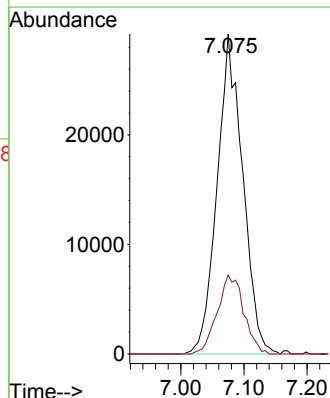
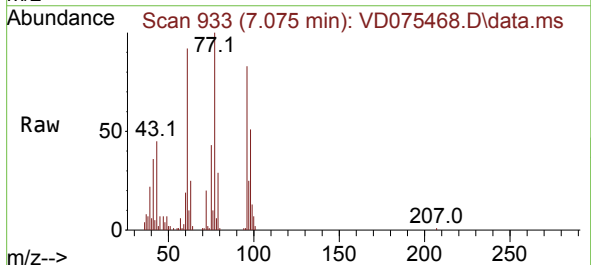
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

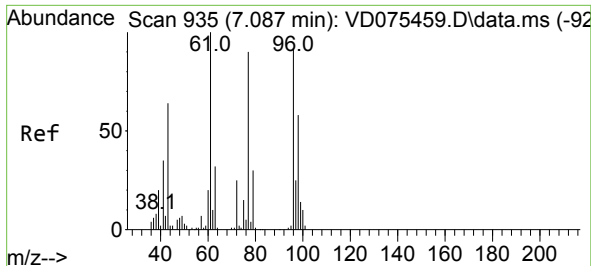
Tgt Ion: 43 Resp: 42884
Ion Ratio Lower Upper
43 100
72 41.1 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 20.465 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion: 77 Resp: 82178
Ion Ratio Lower Upper
77 100
97 25.5 11.1 33.1



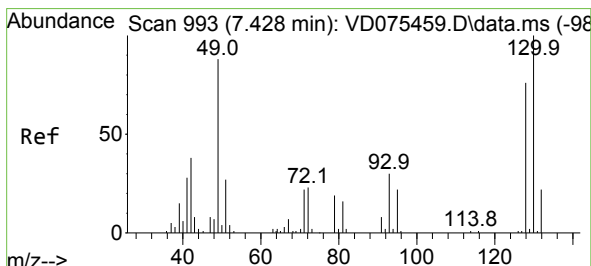
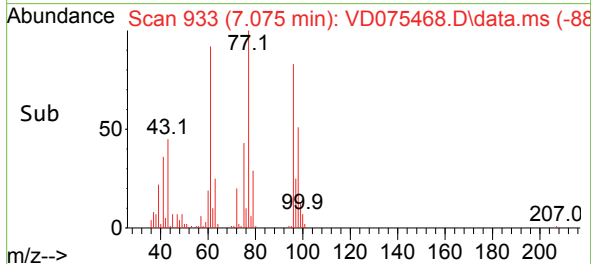
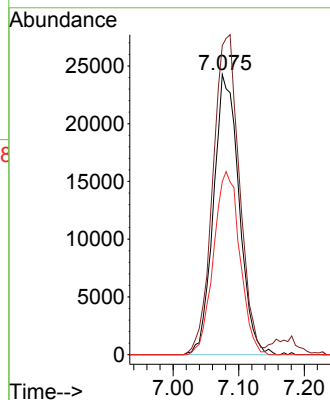
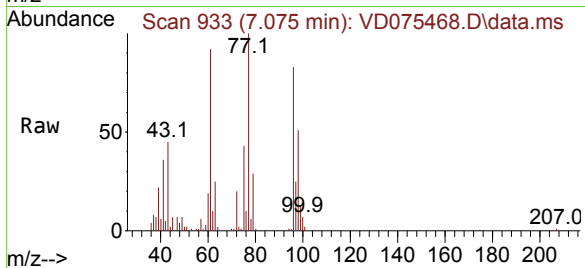


#27
 cis-1,2-Dichloroethene
 Concen: 19.808 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: VD075468.D
 Acq: 08 Mar 2023 14:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308SBS01

Tgt Ion: 96 Resp: 65537

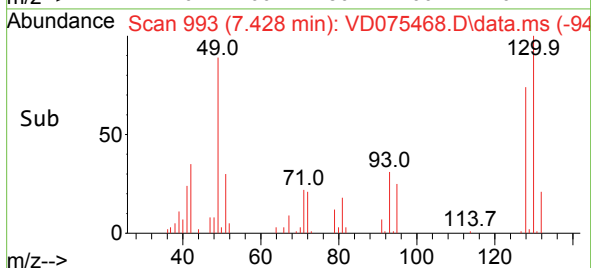
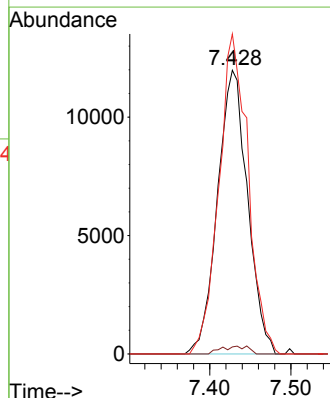
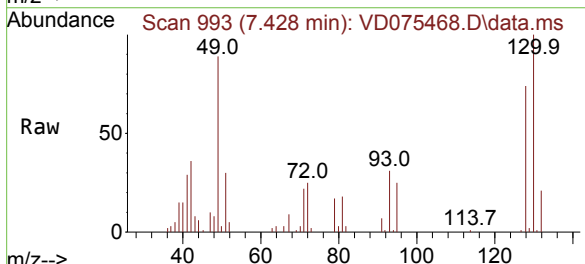
Ion	Ratio	Lower	Upper
96	100		
61	118.8	0.0	295.2
98	67.2	0.0	129.2

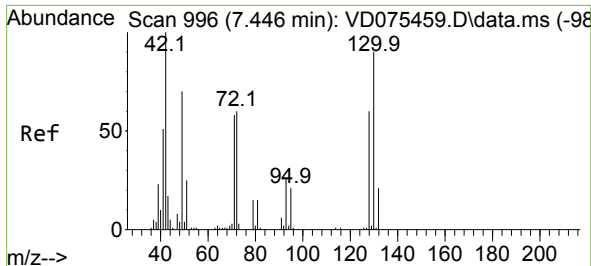


#28
 Bromochloromethane
 Concen: 20.779 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD075468.D
 Acq: 08 Mar 2023 14:07

Tgt Ion: 49 Resp: 30864

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	2.2#
130	109.2	56.0	84.0#





#29

Tetrahydrofuran

Concen: 91.906 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD075468.D

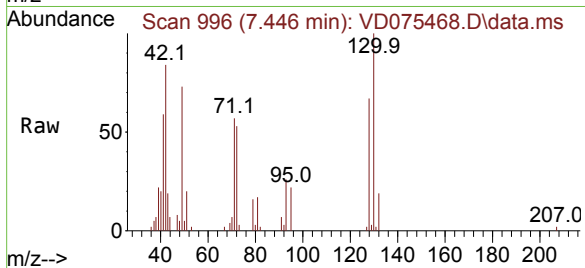
Acq: 08 Mar 2023 14:07

Instrument :

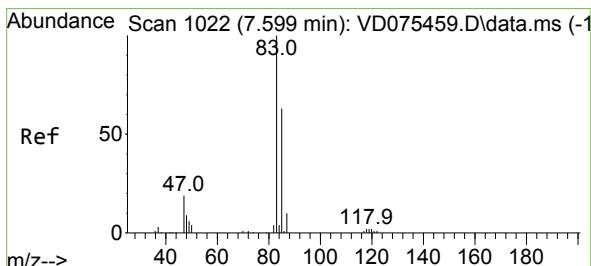
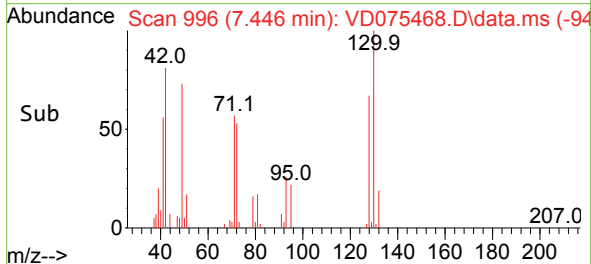
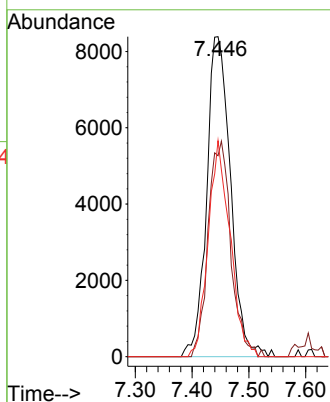
MSVOA_D

ClientSampleId :

VD0308SBS01



Tgt Ion:	42	Resp:	24471
Ion	Ratio	Lower	Upper
42	100		
72	64.2	31.8	47.6#
71	61.8	27.6	41.4#



#30

Chloroform

Concen: 20.520 ug/l

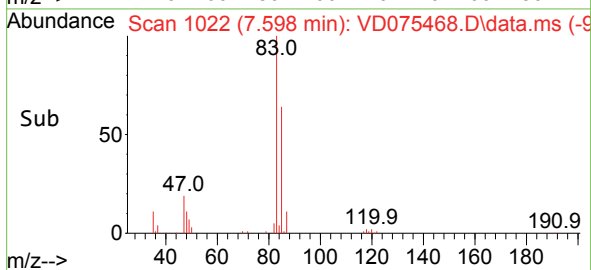
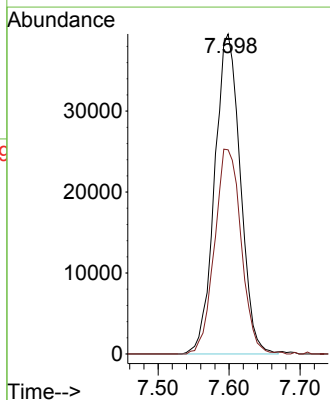
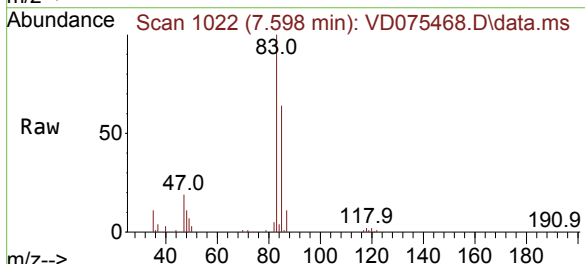
RT: 7.598 min Scan# 1022

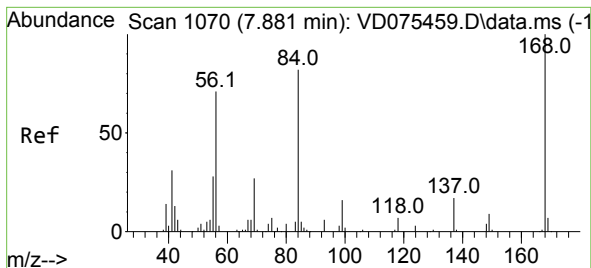
Delta R.T. -0.001 min

Lab File: VD075468.D

Acq: 08 Mar 2023 14:07

Tgt Ion:	83	Resp:	99114
Ion	Ratio	Lower	Upper
83	100		
85	63.8	49.4	74.2





#31

Cyclohexane

Concen: 20.309 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD075468.D

Acq: 08 Mar 2023 14:07

Instrument :

MSVOA_D

ClientSampleId :

VD0308SBS01

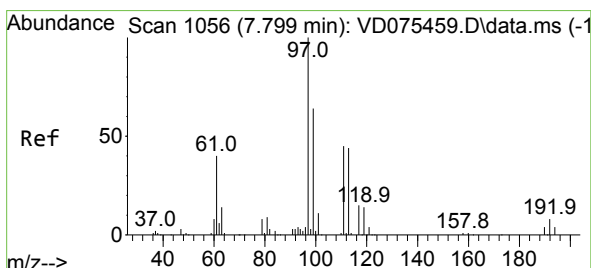
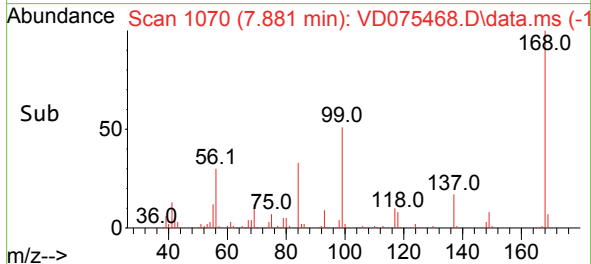
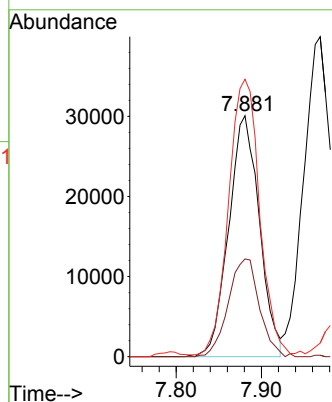
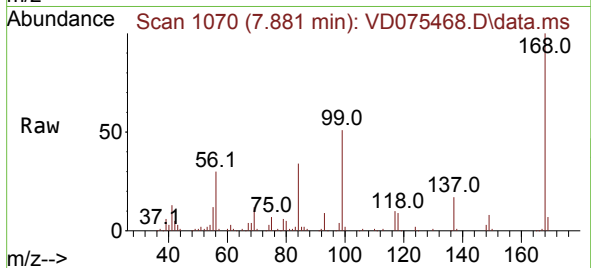
Tgt Ion: 56 Resp: 75305

Ion Ratio Lower Upper

56 100

69 40.6 25.5 38.3#

84 114.2 69.6 104.4#



#32

1,1,1-Trichloroethane

Concen: 20.030 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD075468.D

Acq: 08 Mar 2023 14:07

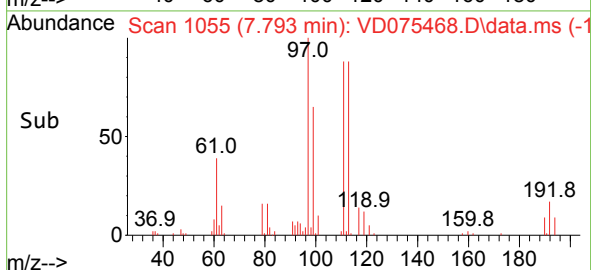
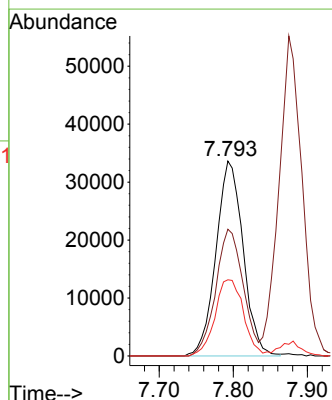
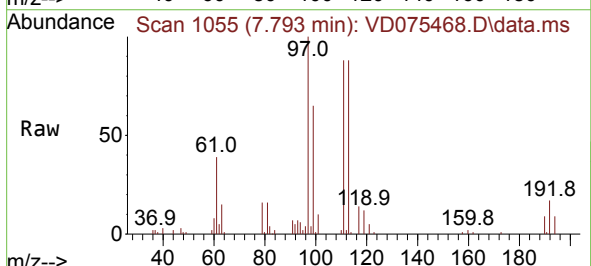
Tgt Ion: 97 Resp: 85607

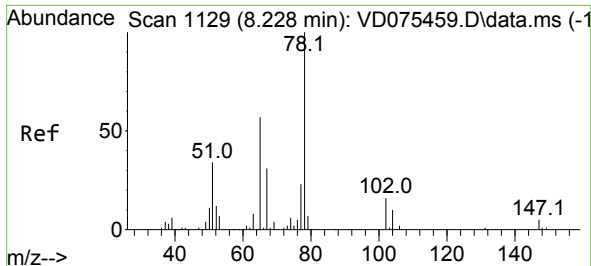
Ion Ratio Lower Upper

97 100

99 65.5 50.5 75.7

61 41.4 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 55.516 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075468.D

Acq: 08 Mar 2023 14:07

Instrument :

MSVOA_D

ClientSampleId :

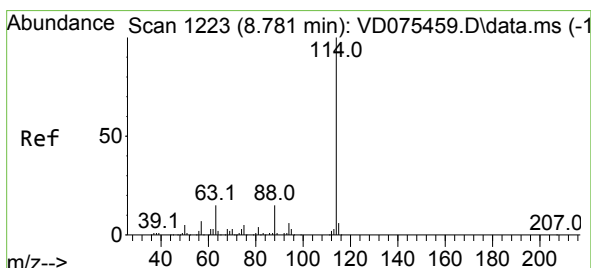
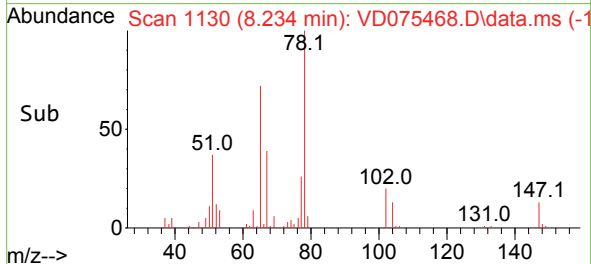
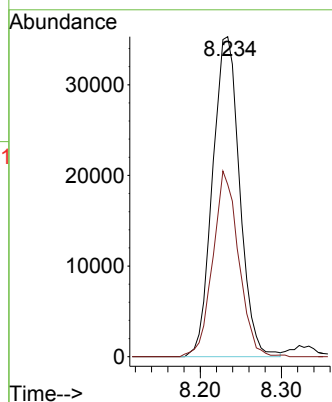
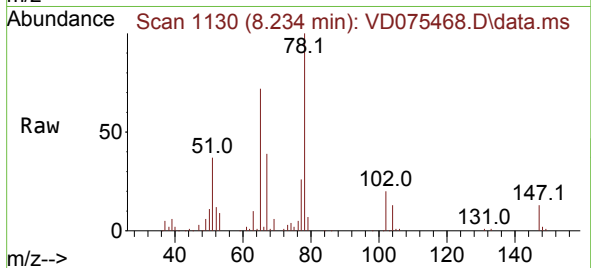
VD0308SBS01

Tgt Ion: 65 Resp: 81807

Ion Ratio Lower Upper

65 100

67 55.3 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075468.D

Acq: 08 Mar 2023 14:07

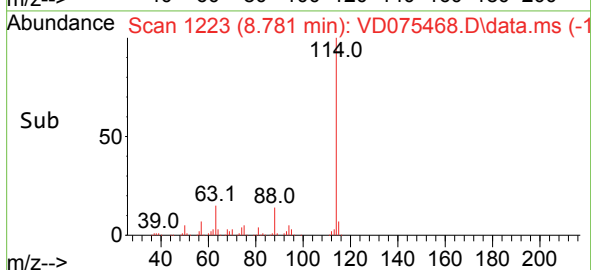
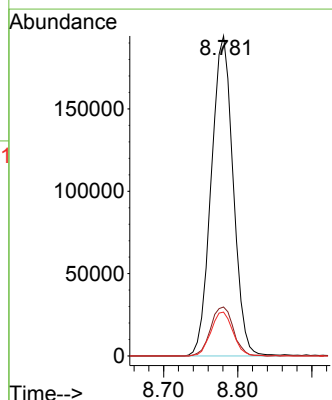
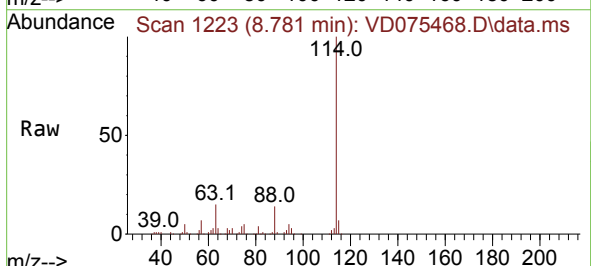
Tgt Ion: 114 Resp: 398343

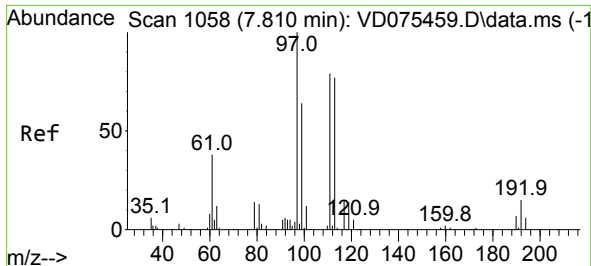
Ion Ratio Lower Upper

114 100

63 15.3 0.0 41.6

88 13.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.284 ug/l

RT: 7.804 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD075468.D

Acq: 08 Mar 2023 14:07

Instrument :

MSVOA_D

ClientSampleId :

VD0308SBS01

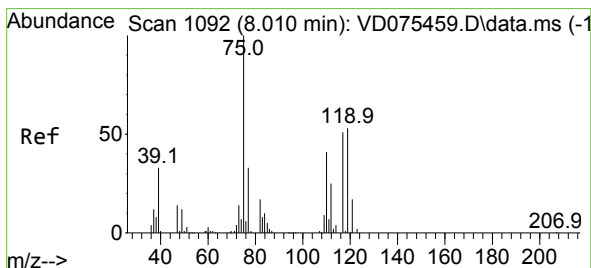
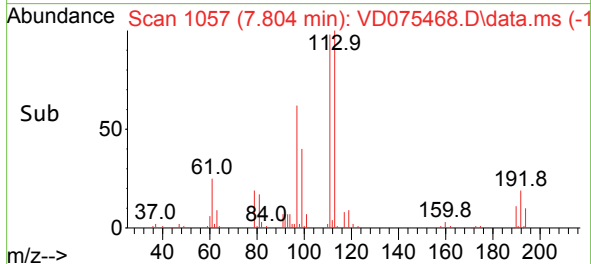
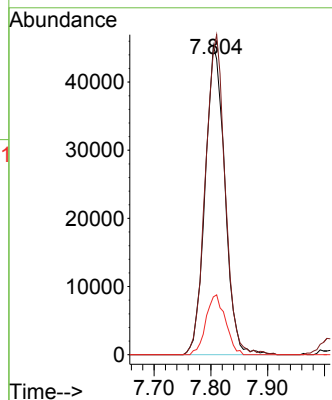
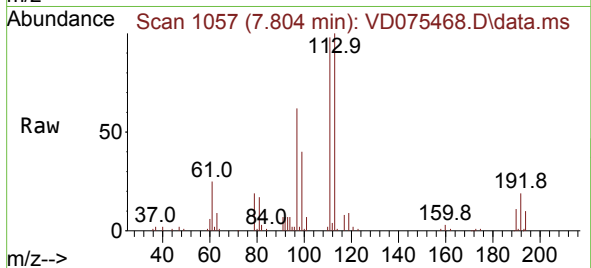
Tgt Ion:113 Resp: 109140

Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 19.2 15.2 22.8



#36

1,1-Dichloropropene

Concen: 20.123 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD075468.D

Acq: 08 Mar 2023 14:07

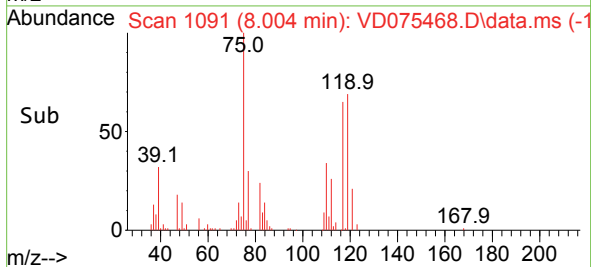
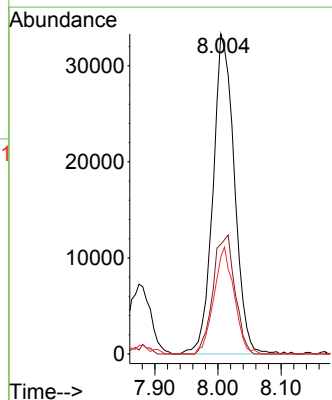
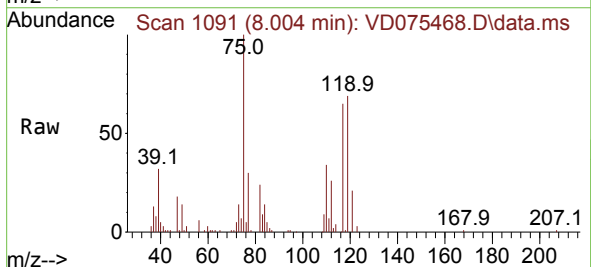
Tgt Ion: 75 Resp: 78437

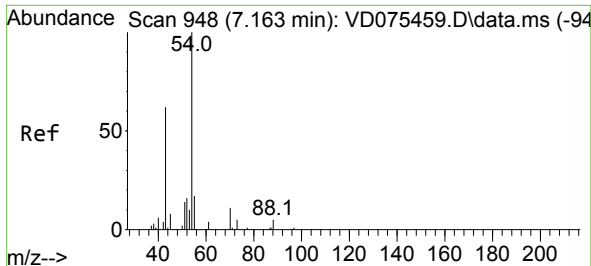
Ion Ratio Lower Upper

75 100

110 38.0 17.1 51.2

77 31.5 24.6 36.8

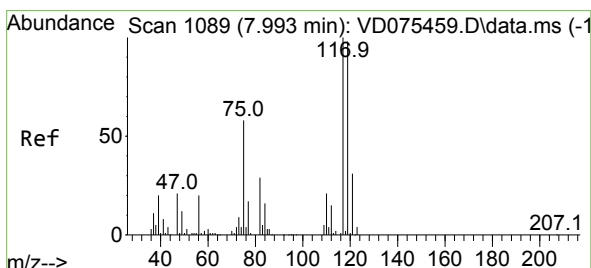
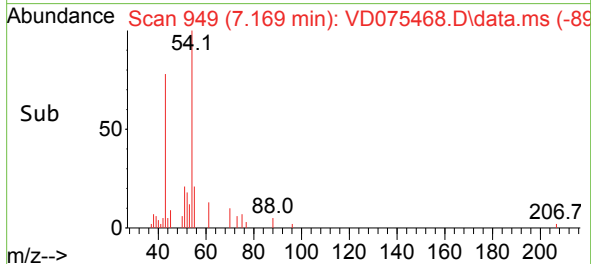
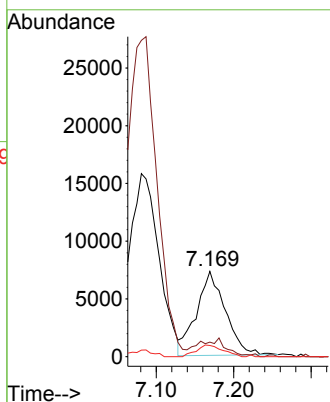
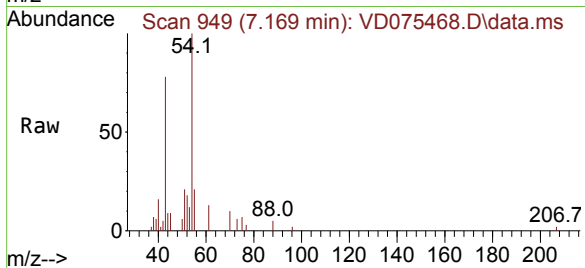




#37
Ethyl Acetate
Concen: 18.893 ug/l
RT: 7.169 min Scan# 948
Delta R.T. 0.006 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

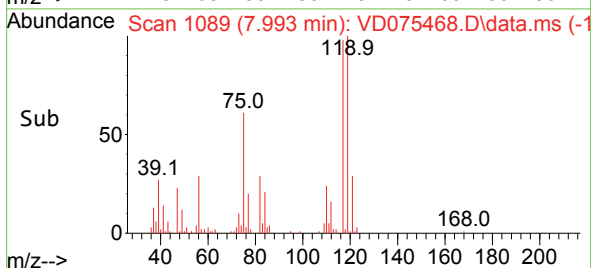
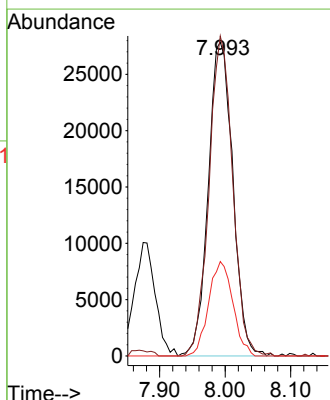
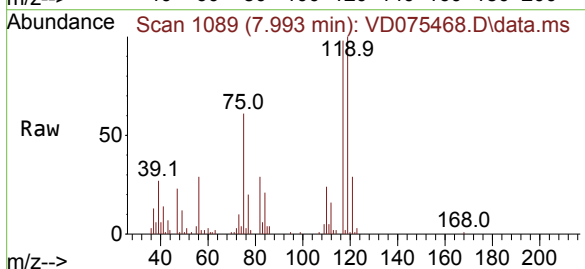
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

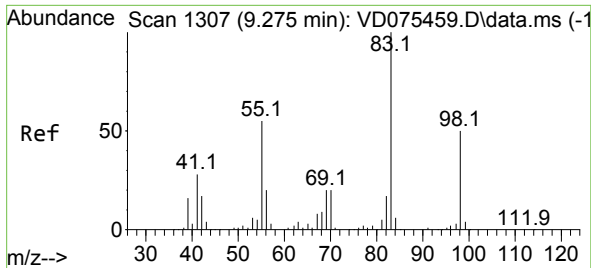
Tgt Ion: 43 Resp: 18991
Ion Ratio Lower Upper
43 100
61 21.0 0.0 0.0#
70 12.6 5.6 8.4#



#38
Carbon Tetrachloride
Concen: 20.051 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion: 117 Resp: 72378
Ion Ratio Lower Upper
117 100
119 102.0 74.7 112.1
121 30.1 25.9 38.9

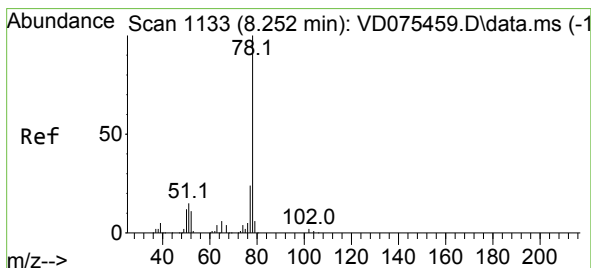
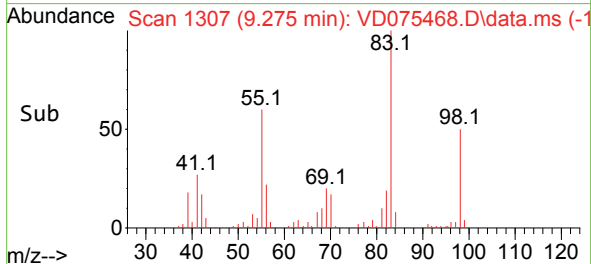
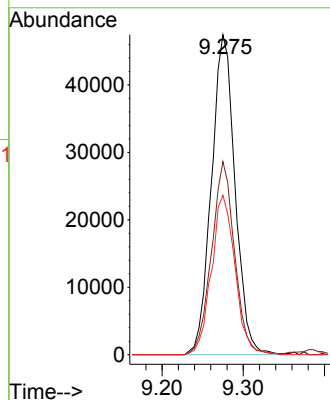
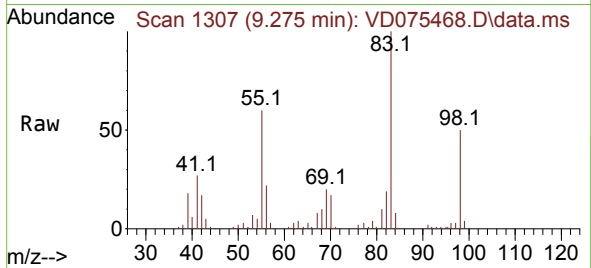




#39
Methylcyclohexane
Concen: 19.637 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

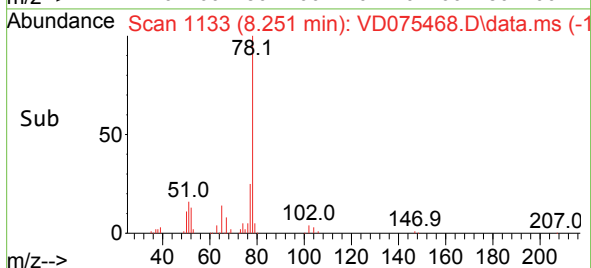
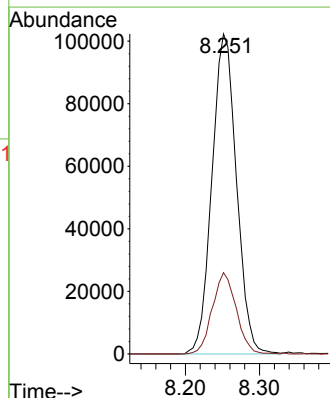
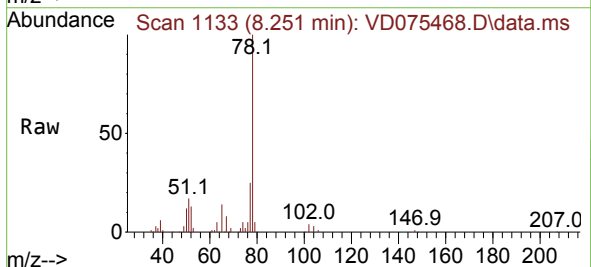
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

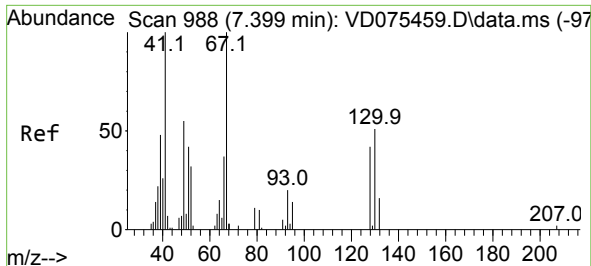
Tgt Ion:	83	Resp:	95955
Ion	Ratio	Lower	Upper
83	100		
55	60.3	56.8	85.2
98	49.8	38.9	58.3



#40
Benzene
Concen: 20.757 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.001 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion:	78	Resp:	235031
Ion	Ratio	Lower	Upper
78	100		
77	25.4	19.1	28.7

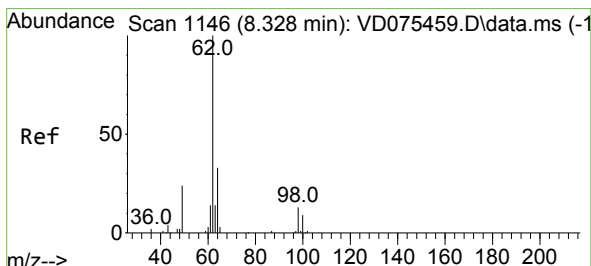
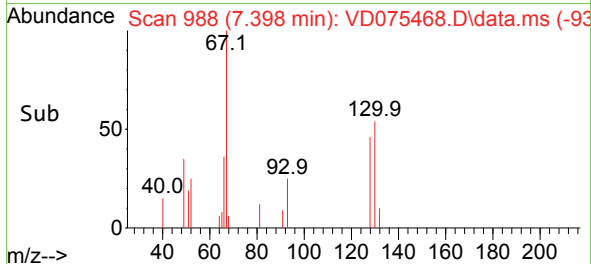
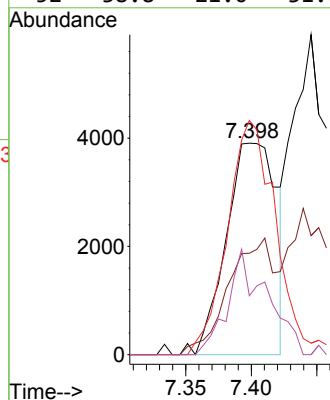
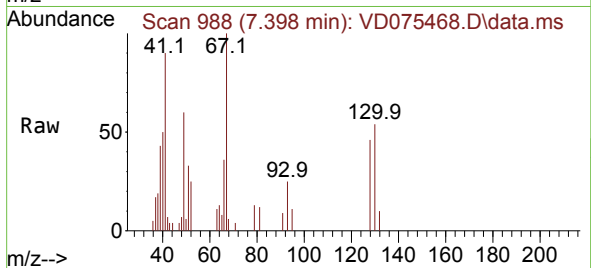




#41
Methacrylonitrile
Concen: 19.471 ug/l
RT: 7.398 min Scan# 91
Delta R.T. -0.001 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

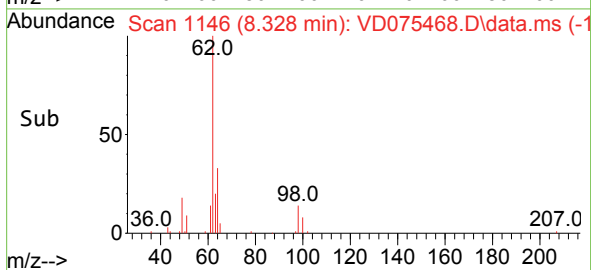
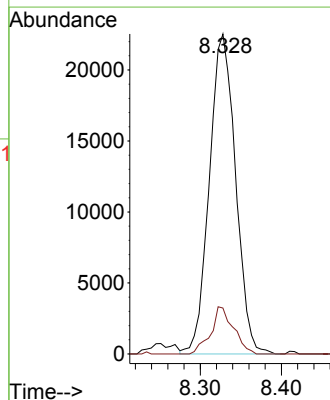
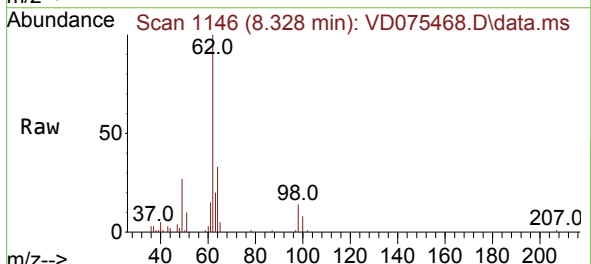
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

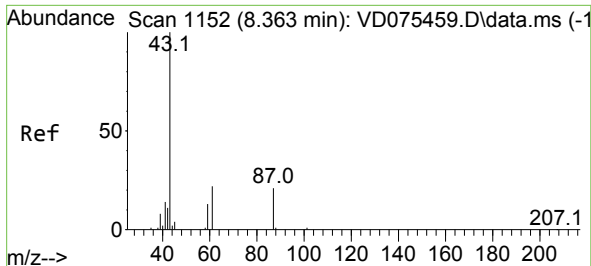
Tgt Ion:	41	Resp:	10457
Ion	Ratio	Lower	Upper
41	100		
39	46.7	45.3	67.9
67	106.5	50.5	75.7#
52	38.8	21.0	31.6#



#42
1,2-Dichloroethane
Concen: 19.888 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion:	62	Resp:	50593
Ion	Ratio	Lower	Upper
62	100		
98	12.7	0.0	18.8

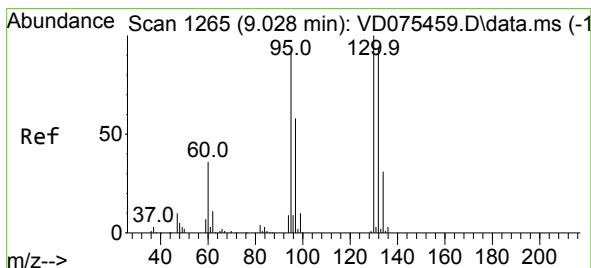
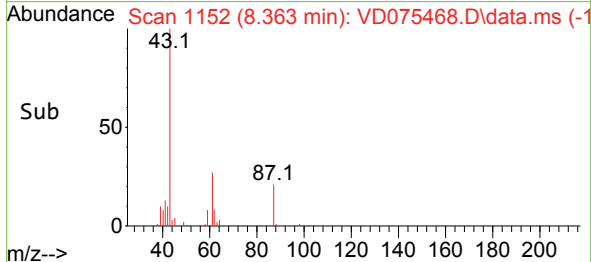
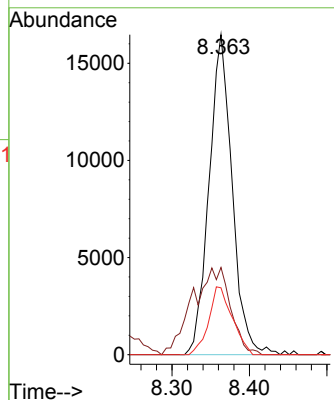
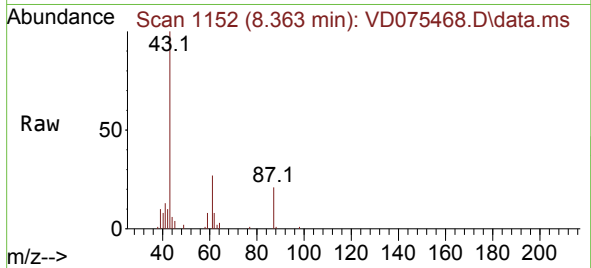




#43
Isopropyl Acetate
Concen: 17.725 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

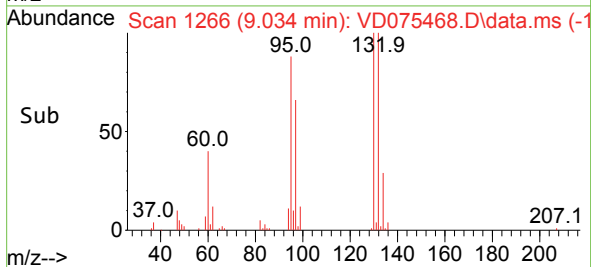
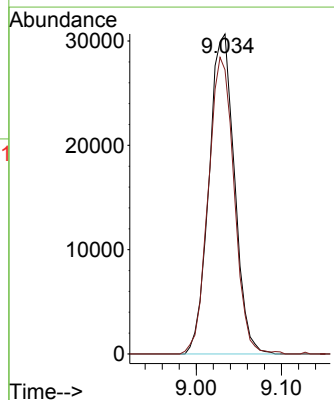
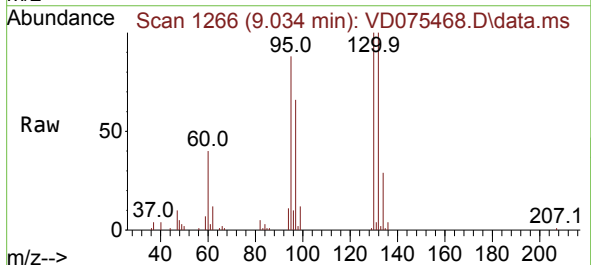
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

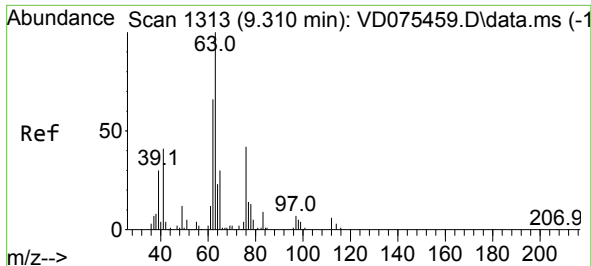
Tgt Ion: 43 Resp: 34038
Ion Ratio Lower Upper
43 100
61 44.9 23.4 35.0#
87 21.6 9.5 14.3#



#44
Trichloroethene
Concen: 19.065 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion:130 Resp: 63731
Ion Ratio Lower Upper
130 100
95 88.8 0.0 197.6





#45

1,2-Dichloropropane

Concen: 19.702 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075468.D

Acq: 08 Mar 2023 14:07

Instrument :

MSVOA_D

ClientSampleId :

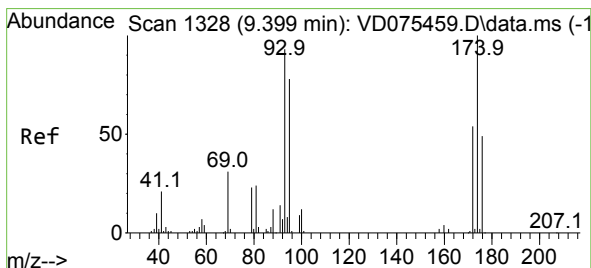
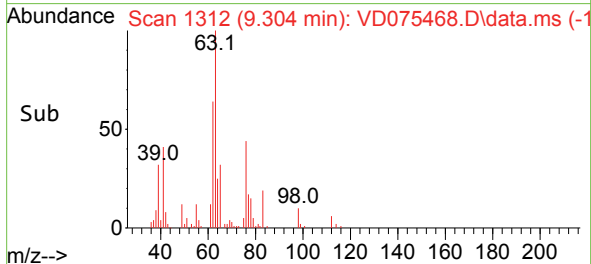
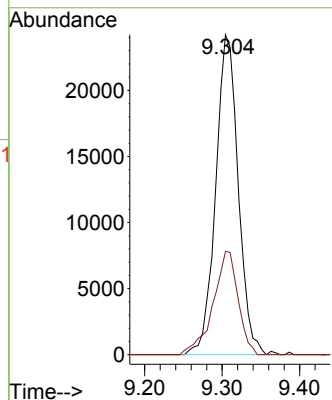
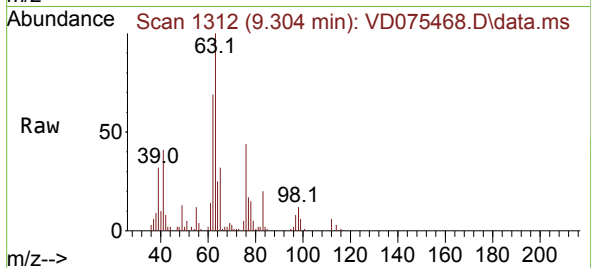
VD0308SBS01

Tgt Ion: 63 Resp: 49087

Ion Ratio Lower Upper

63 100

65 32.2 23.0 34.4



#46

Dibromomethane

Concen: 20.499 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. -0.001 min

Lab File: VD075468.D

Acq: 08 Mar 2023 14:07

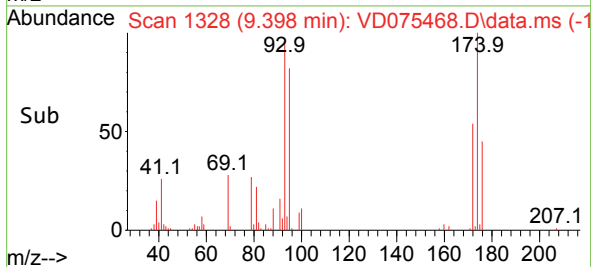
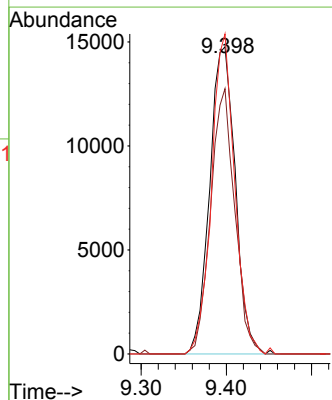
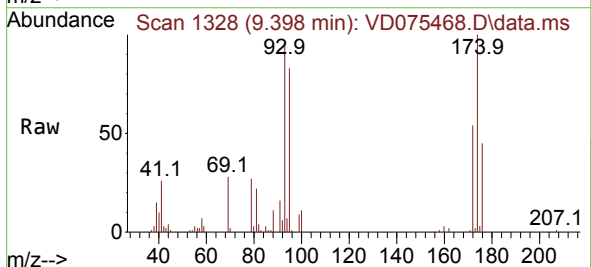
Tgt Ion: 93 Resp: 30923

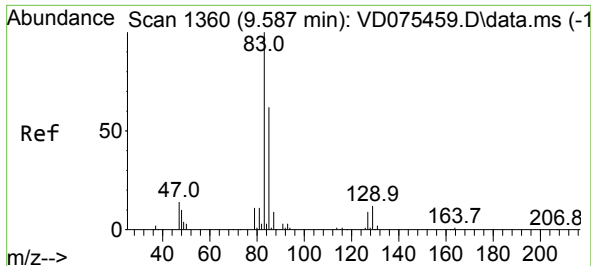
Ion Ratio Lower Upper

93 100

95 81.3 64.5 96.7

174 94.2 76.2 114.4

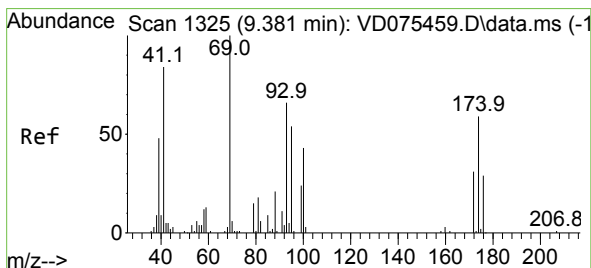
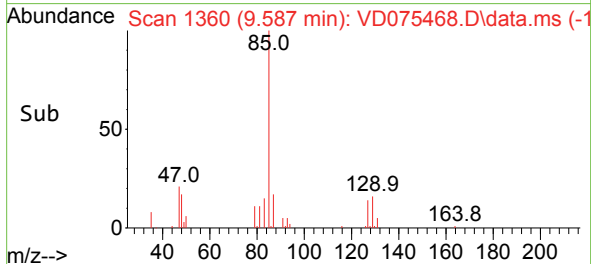
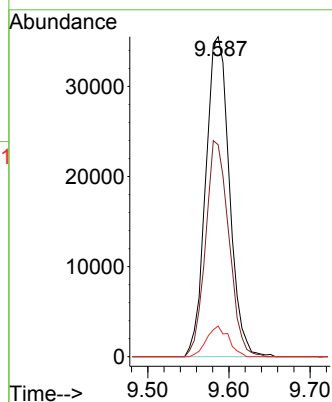
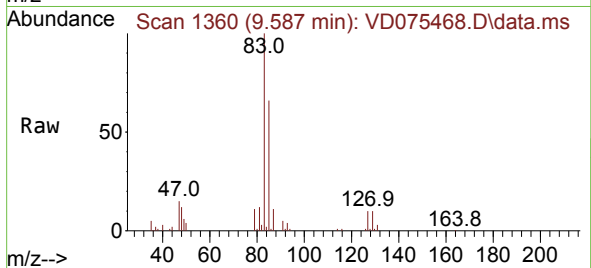




#47
Bromodichloromethane
Concen: 19.785 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

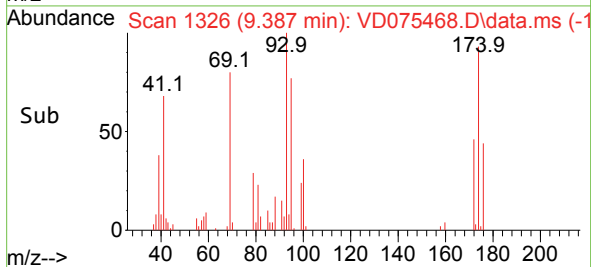
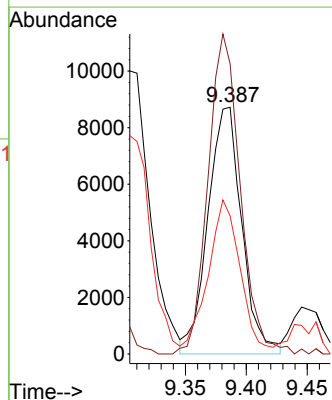
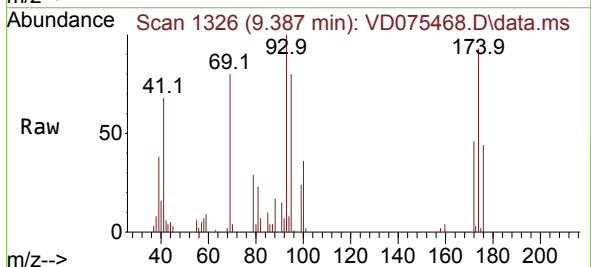
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

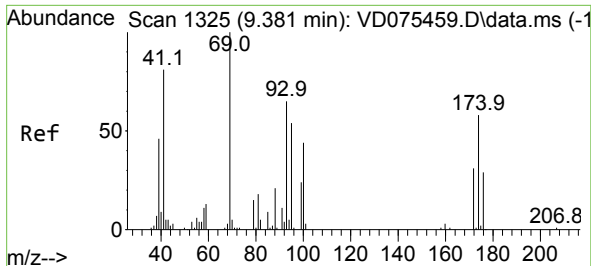
Tgt Ion: 83 Resp: 71955
Ion Ratio Lower Upper
83 100
85 66.2 53.7 80.5
127 9.6 7.0 10.6



#48
Methyl methacrylate
Concen: 18.649 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion: 41 Resp: 16908
Ion Ratio Lower Upper
41 100
69 123.5 58.6 88.0#
39 54.8 53.4 80.0





#49

1,4-Dioxane

Concen: 351.055 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD075468.D

Acq: 08 Mar 2023 14:07

Instrument :

MSVOA_D

ClientSampleId :

VD0308SBS01

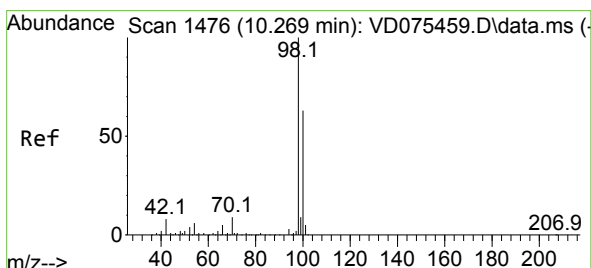
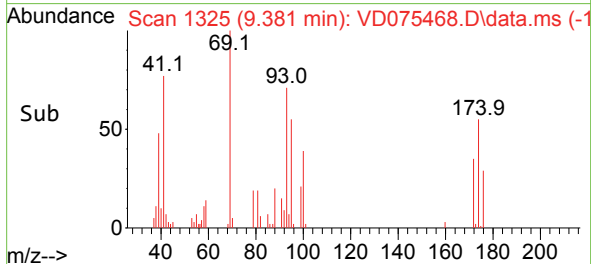
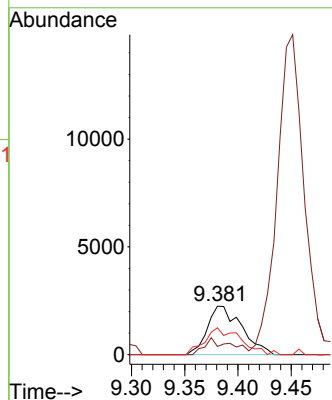
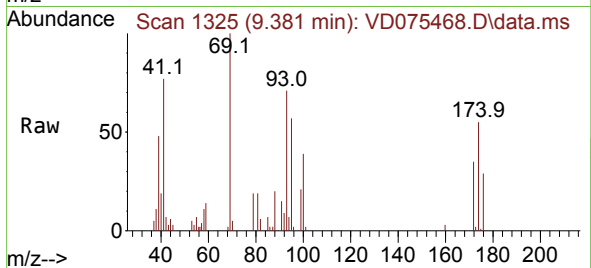
Tgt Ion: 88 Resp: 5022

Ion Ratio Lower Upper

88 100

43 26.6 34.6 51.8#

58 58.2 58.0 87.0



#50

Toluene-d8

Concen: 45.804 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075468.D

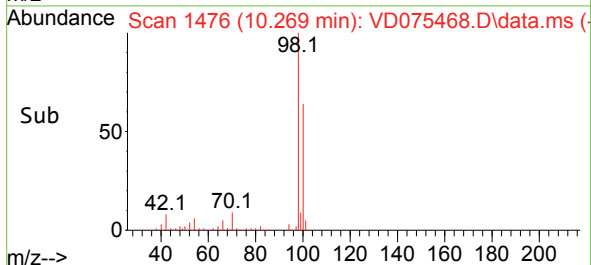
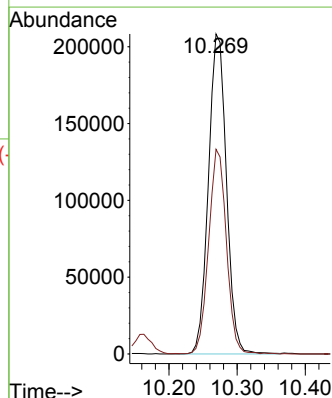
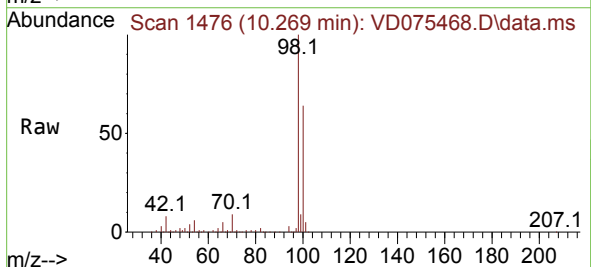
Acq: 08 Mar 2023 14:07

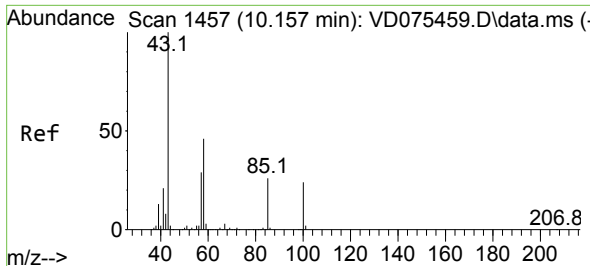
Tgt Ion: 98 Resp: 382825

Ion Ratio Lower Upper

98 100

100 63.2 52.1 78.1

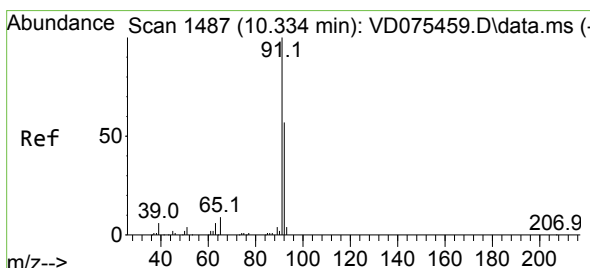
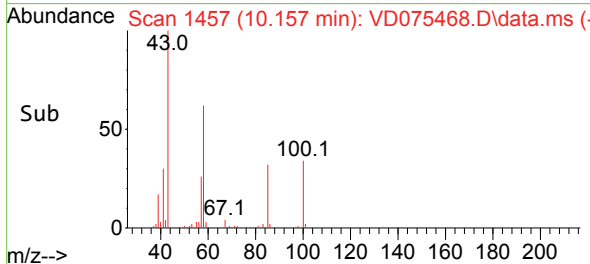
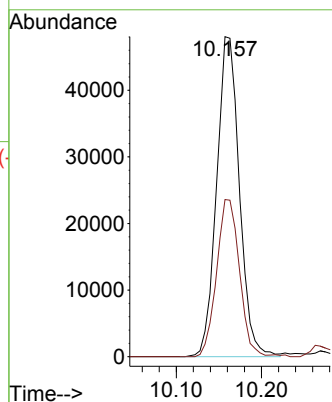
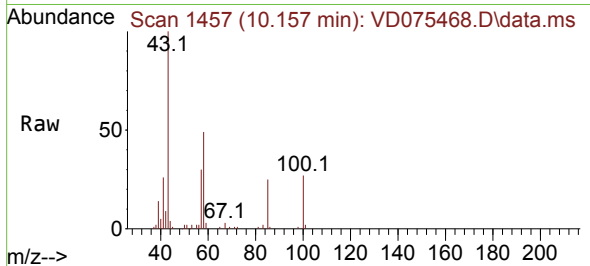




#51
4-Methyl-2-Pentanone
Concen: 90.935 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

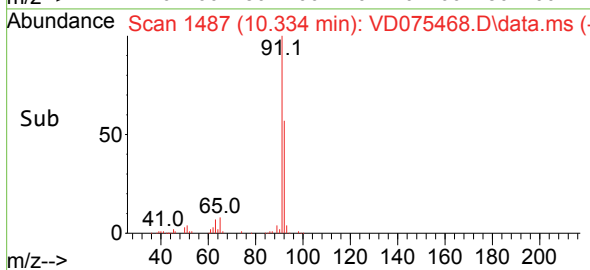
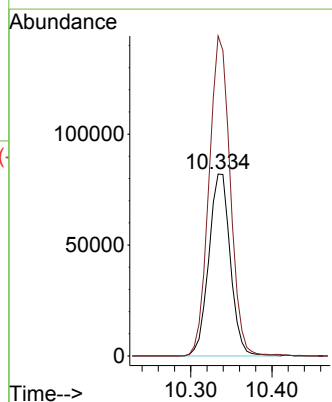
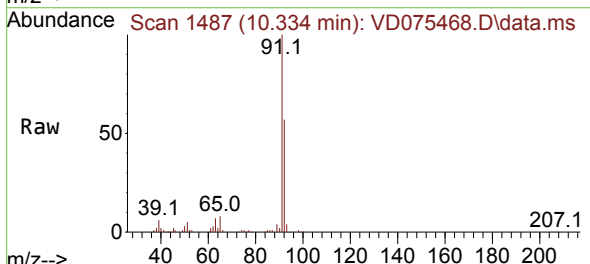
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

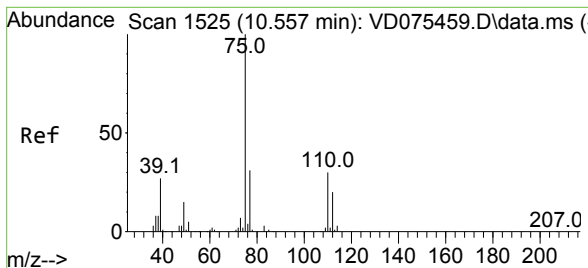
Tgt Ion: 43 Resp: 89275
Ion Ratio Lower Upper
43 100
58 49.2 29.5 44.3#



#52
Toluene
Concen: 20.569 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion: 92 Resp: 150881
Ion Ratio Lower Upper
92 100
91 174.2 136.5 204.7

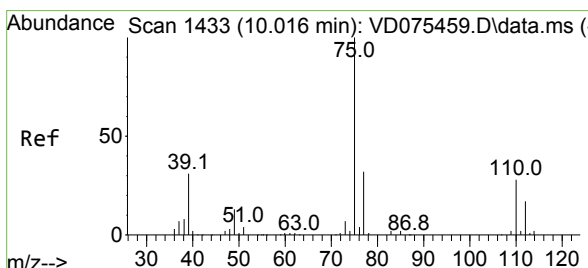
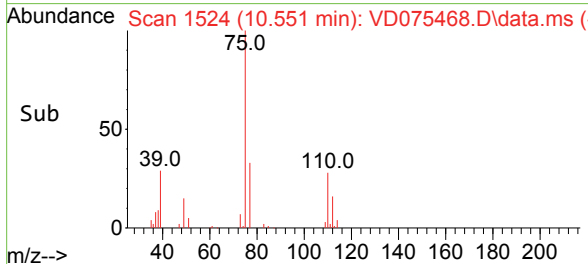
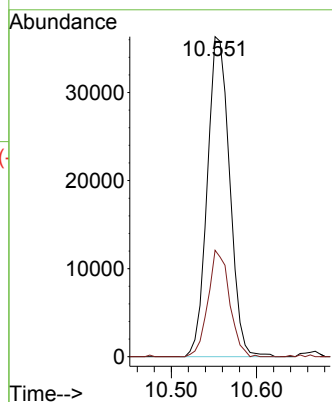
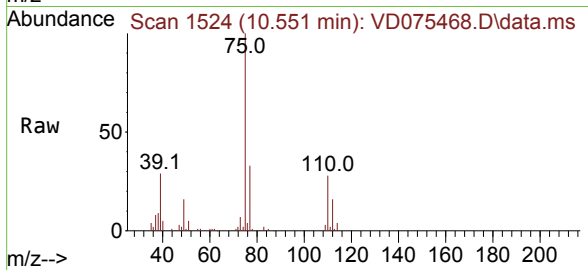




#53
t-1,3-Dichloropropene
Concen: 20.073 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

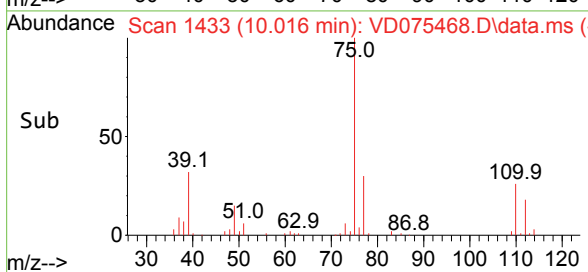
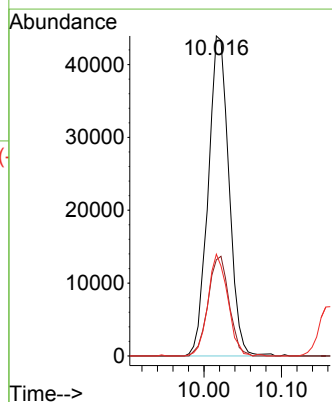
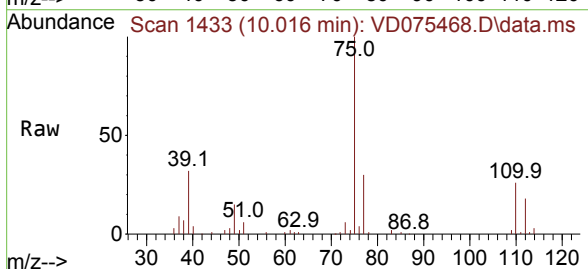
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

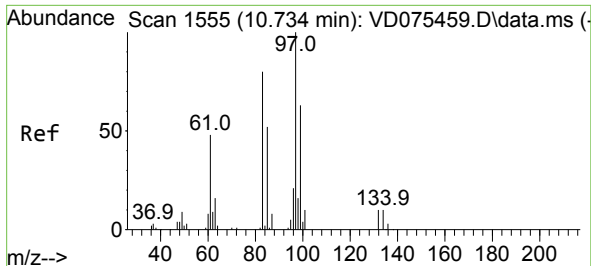
Tgt Ion: 75 Resp: 66226
Ion Ratio Lower Upper
75 100
77 33.3 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 20.088 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion: 75 Resp: 81681
Ion Ratio Lower Upper
75 100
77 30.0 25.6 38.4
39 31.8 44.8 67.2#

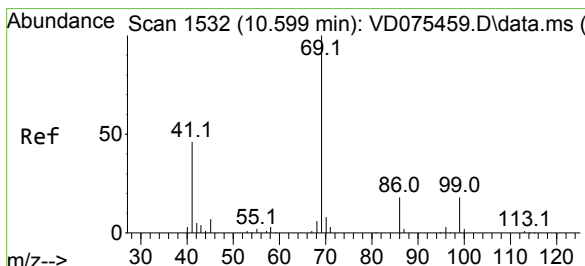
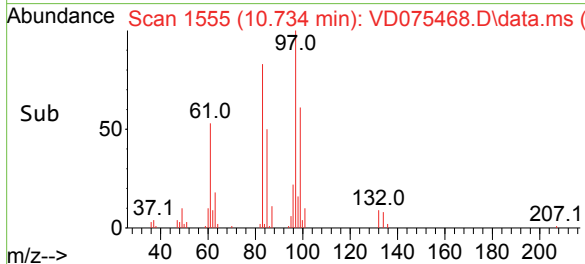
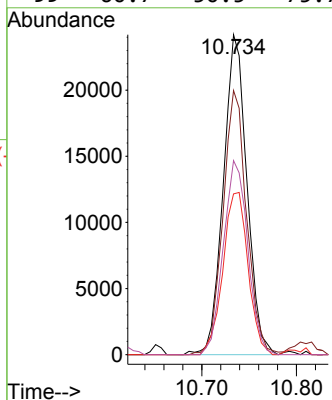
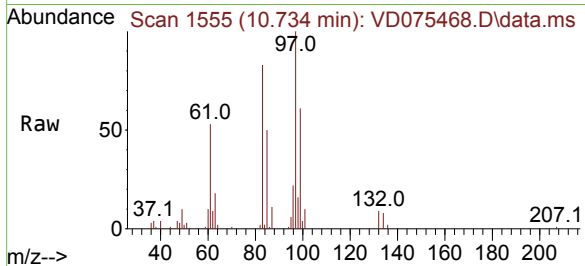




#55
1,1,2-Trichloroethane
Concen: 19.890 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

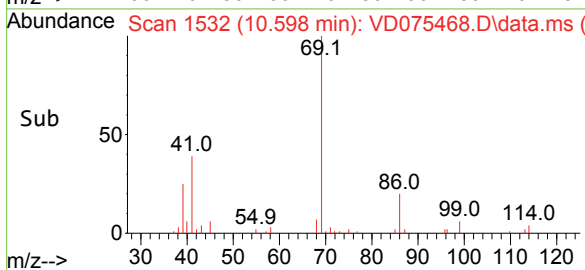
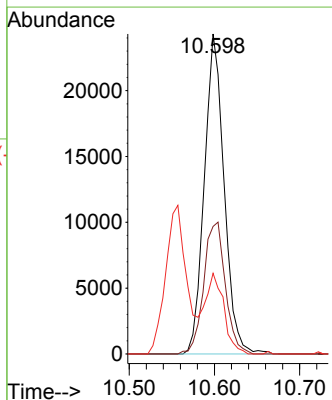
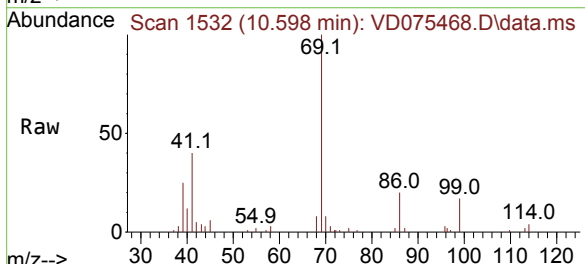
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

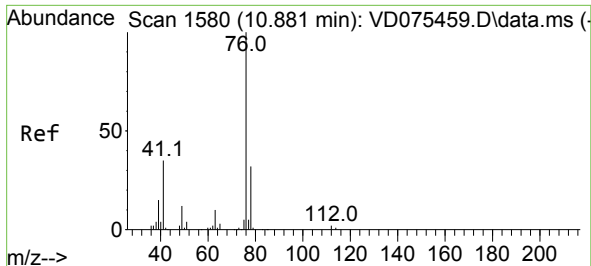
Tgt Ion:	97	Resp:	41839
Ion	Ratio	Lower	Upper
97	100		
83	82.6	74.2	111.4
85	50.3	45.4	68.0
99	60.7	50.5	75.7



#56
Ethyl methacrylate
Concen: 18.794 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion:	69	Resp:	39293
Ion	Ratio	Lower	Upper
69	100		
41	45.0	59.3	88.9#
39	23.8	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 19.468 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075468.D

Acq: 08 Mar 2023 14:07

Instrument :

MSVOA_D

ClientSampleId :

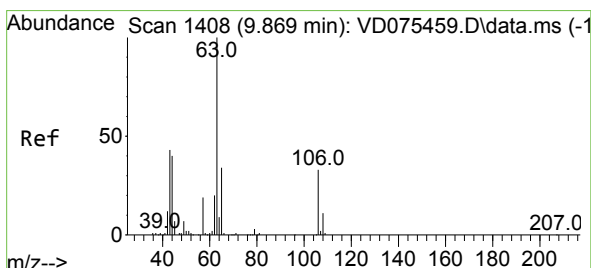
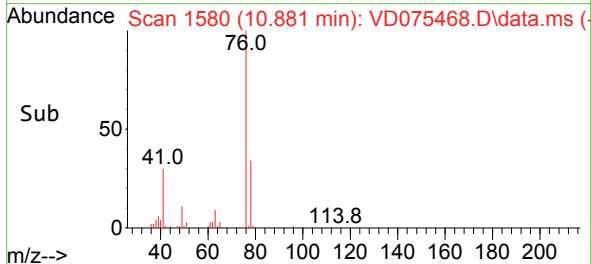
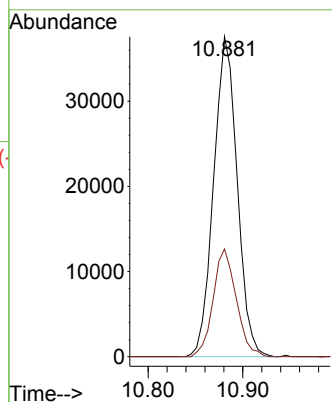
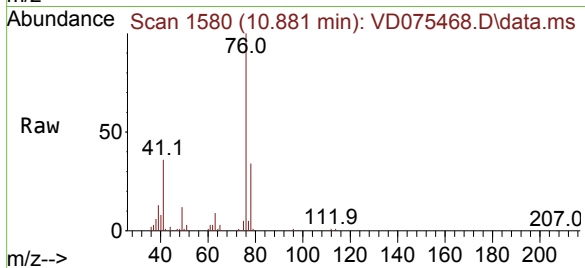
VD0308SBS01

Tgt Ion: 76 Resp: 64939

Ion Ratio Lower Upper

76 100

78 33.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 95.172 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD075468.D

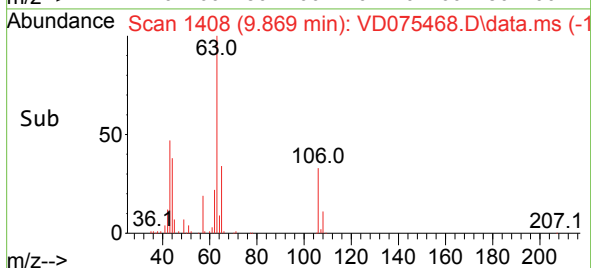
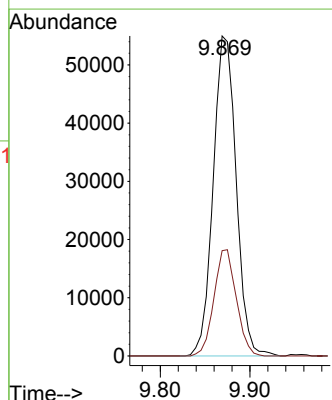
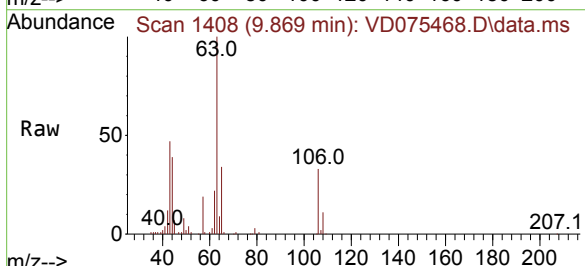
Acq: 08 Mar 2023 14:07

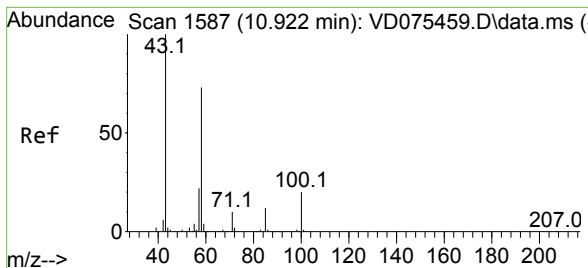
Tgt Ion: 63 Resp: 97823

Ion Ratio Lower Upper

63 100

106 32.2 21.4 32.2#

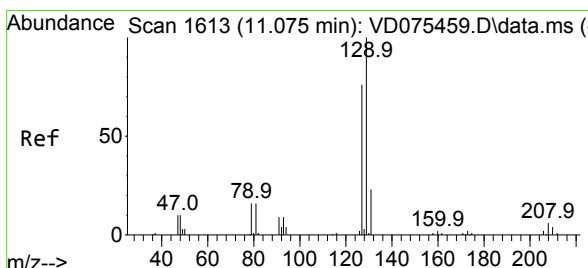
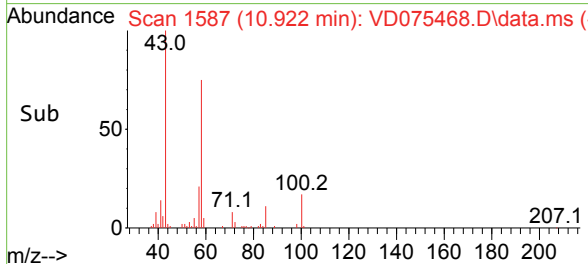
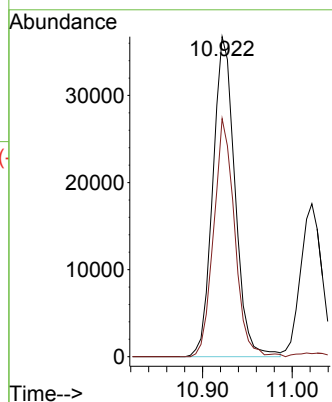
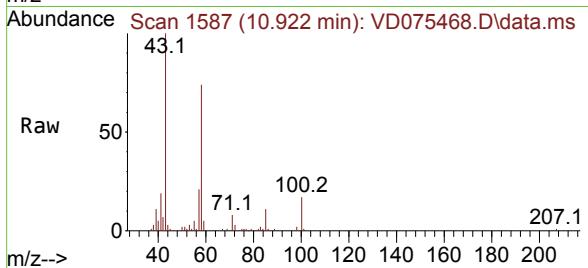




#59
2-Hexanone
Concen: 90.769 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

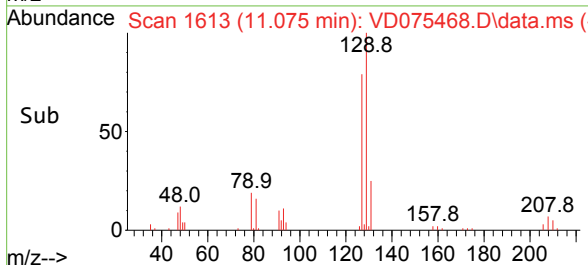
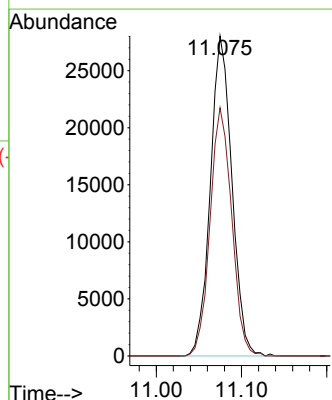
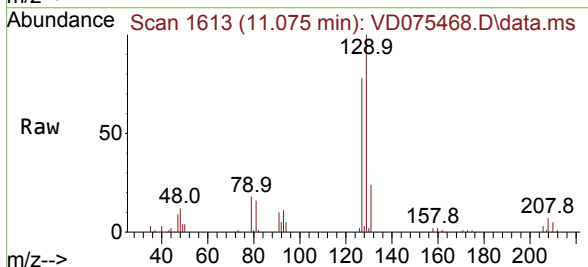
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

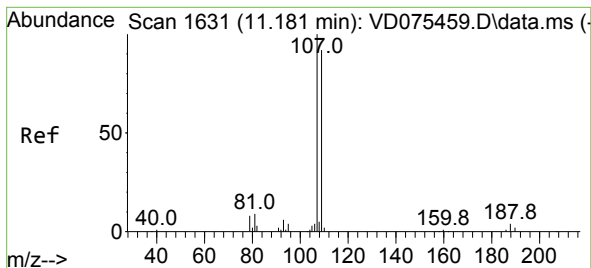
Tgt Ion: 43 Resp: 62865
Ion Ratio Lower Upper
43 100
58 70.3 25.3 75.8



#60
Dibromochloromethane
Concen: 19.646 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion: 129 Resp: 49261
Ion Ratio Lower Upper
129 100
127 77.8 38.1 114.5

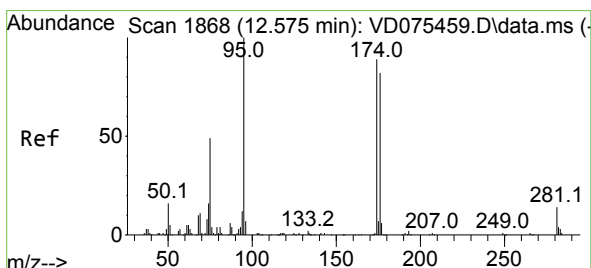
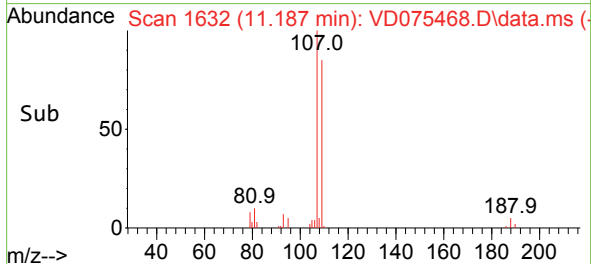
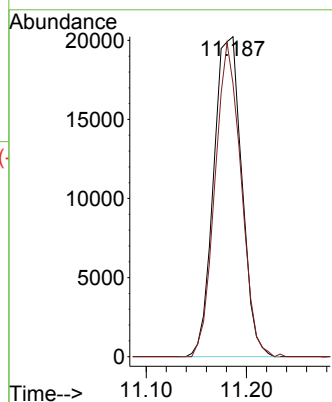
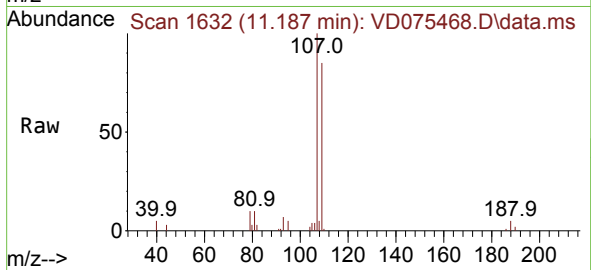




#61
1,2-Dibromoethane
Concen: 19.817 ug/l
RT: 11.187 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

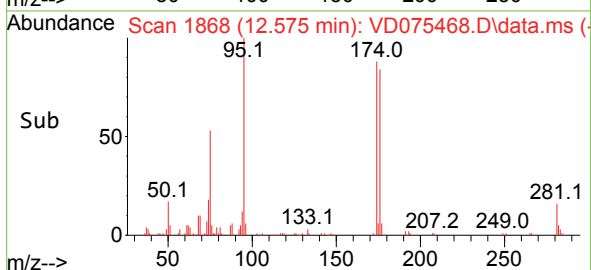
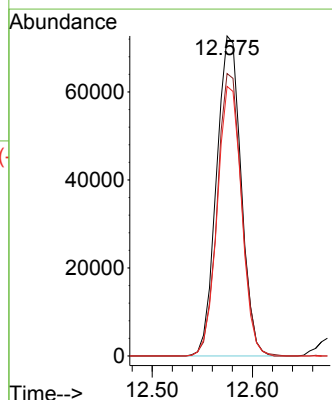
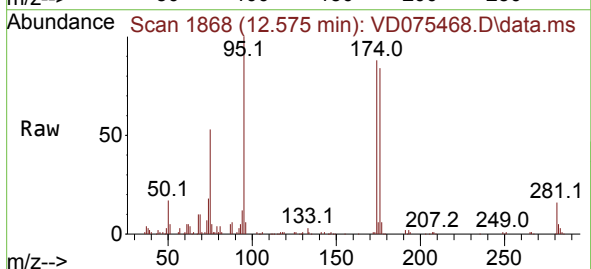
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

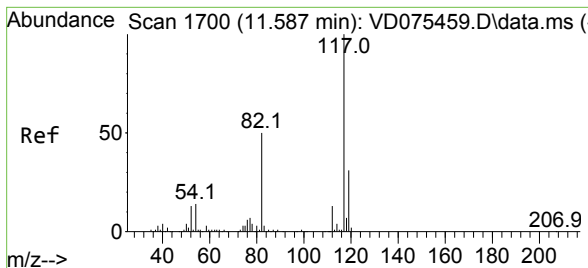
Tgt Ion:107 Resp: 39366
Ion Ratio Lower Upper
107 100
109 91.0 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 48.948 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion: 95 Resp: 123713
Ion Ratio Lower Upper
95 100
174 87.6 0.0 164.0
176 83.5 0.0 156.8

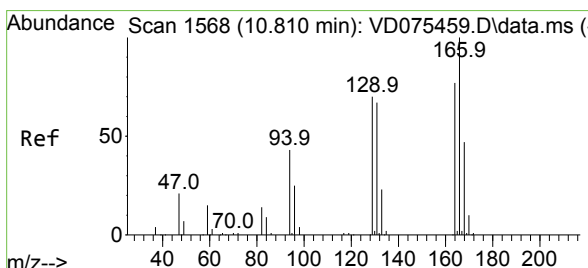
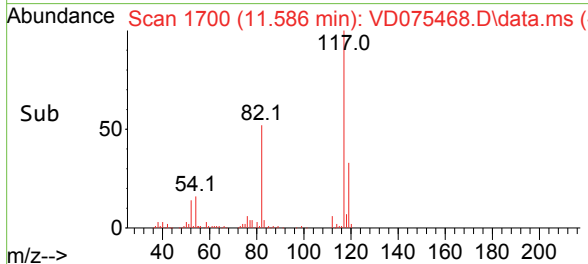
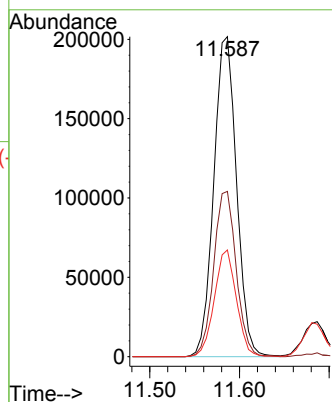
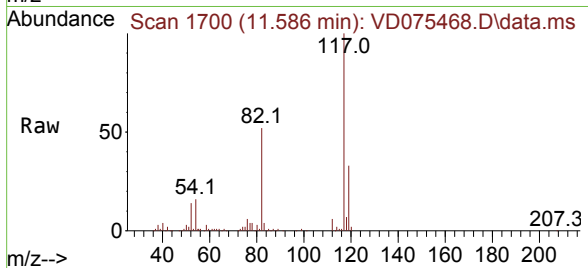




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

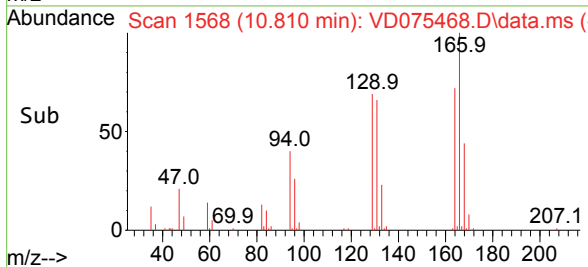
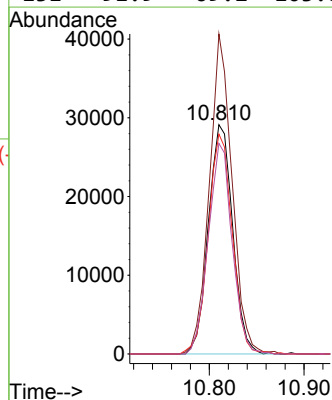
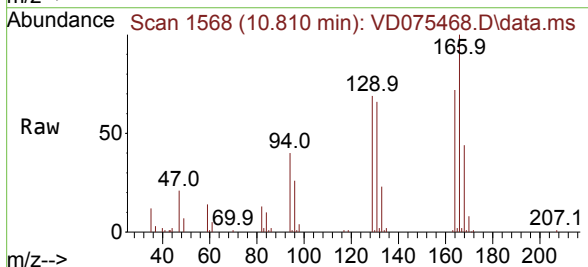
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

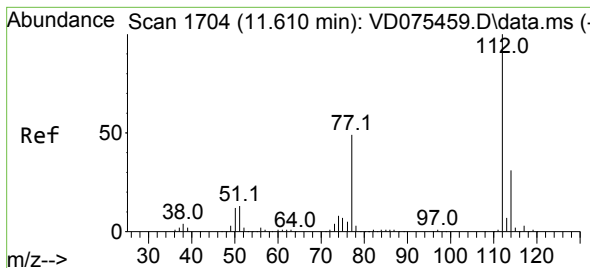
Tgt Ion:117 Resp: 355479
Ion Ratio Lower Upper
117 100
82 51.7 44.0 66.0
119 33.4 25.1 37.7



#64
Tetrachloroethene
Concen: 19.133 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion:164 Resp: 51831
Ion Ratio Lower Upper
164 100
166 139.6 94.9 142.3
129 95.9 73.0 109.6
131 91.9 69.2 103.8

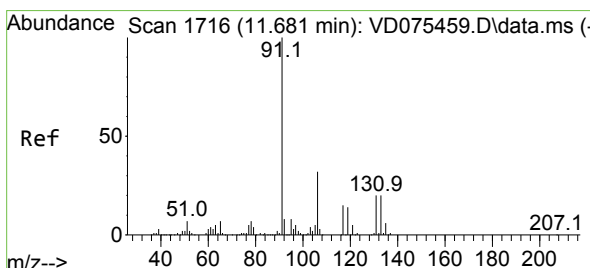
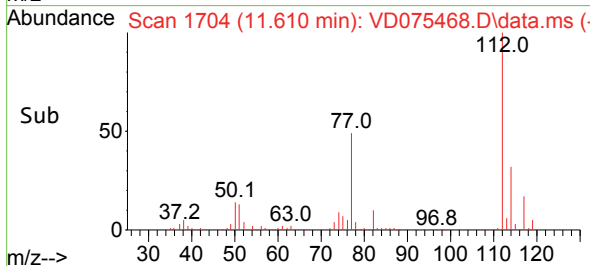
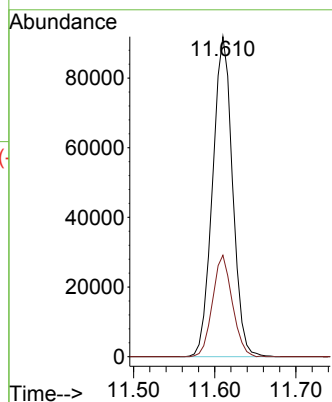
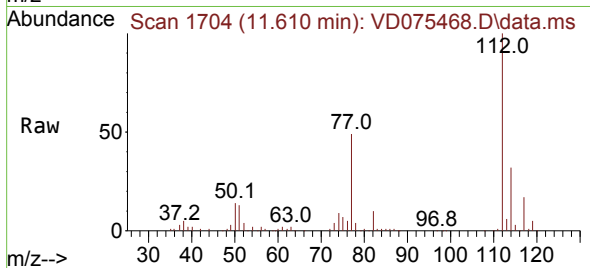




#65
Chlorobenzene
Concen: 19.823 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

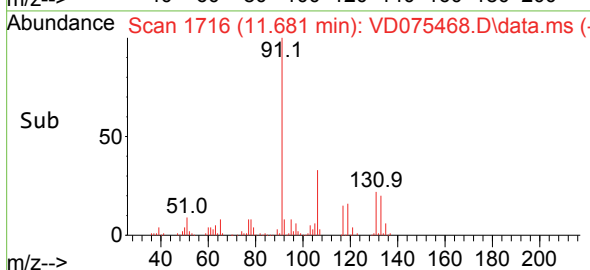
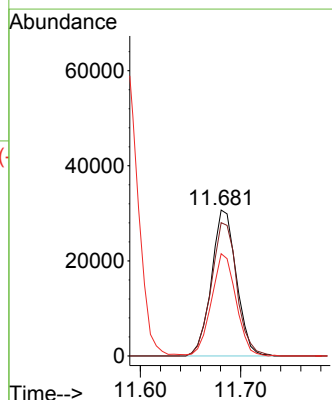
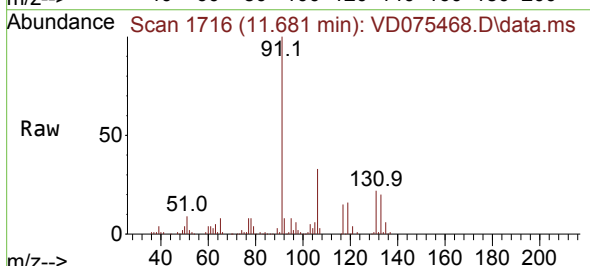
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

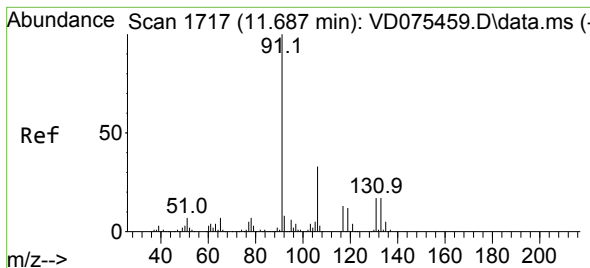
Tgt Ion:112 Resp: 156966
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.719 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion:131 Resp: 53002
Ion Ratio Lower Upper
131 100
133 93.8 46.7 140.0
119 69.0 31.9 95.9





#67

Ethyl Benzene

Concen: 19.610 ug/l

RT: 11.686 min Scan# 1717

Delta R.T. -0.001 min

Lab File: VD075468.D

Acq: 08 Mar 2023 14:07

Instrument :

MSVOA_D

ClientSampleId :

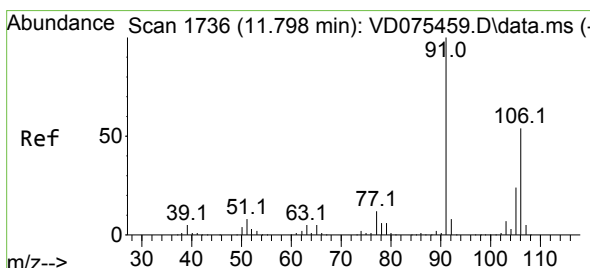
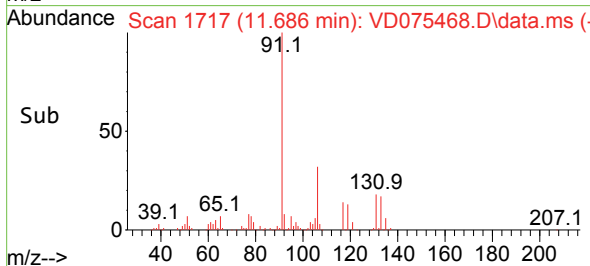
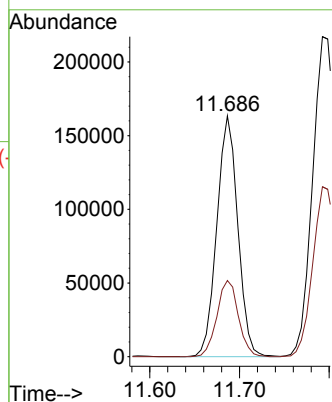
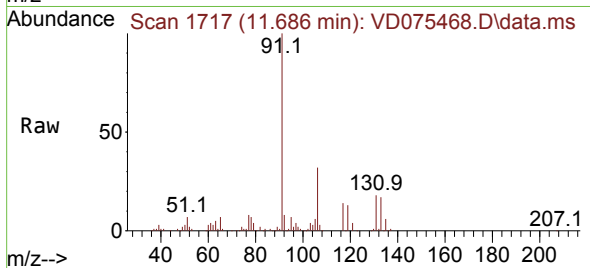
VD0308SBS01

Tgt Ion: 91 Resp: 265162

Ion Ratio Lower Upper

91 100

106 31.6 24.5 36.7



#68

m/p-Xylenes

Concen: 40.075 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.006 min

Lab File: VD075468.D

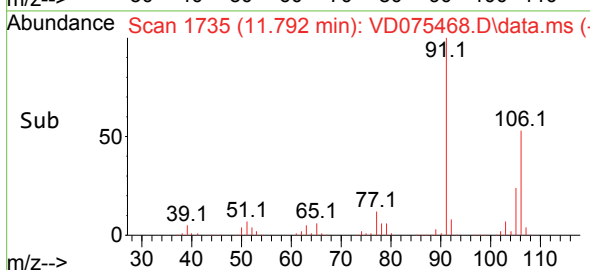
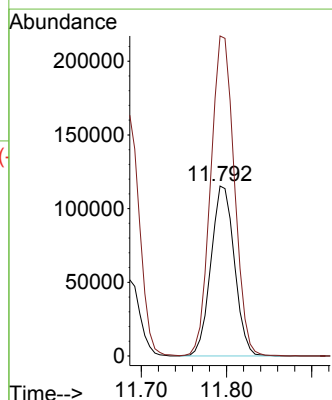
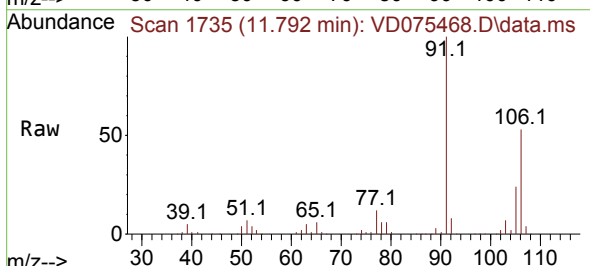
Acq: 08 Mar 2023 14:07

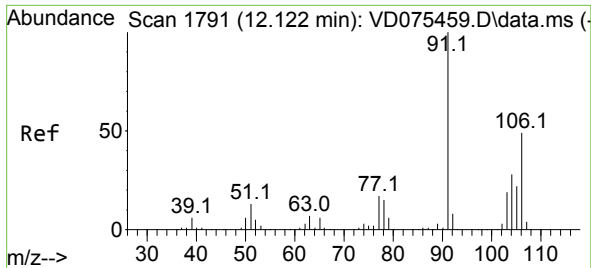
Tgt Ion:106 Resp: 220667

Ion Ratio Lower Upper

106 100

91 190.0 161.5 242.3

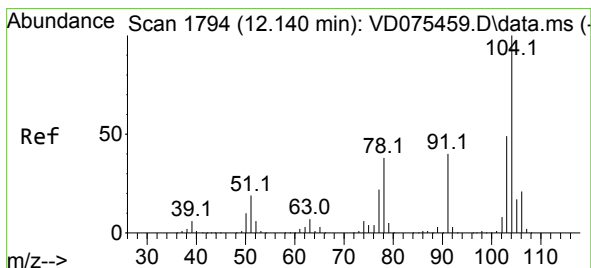
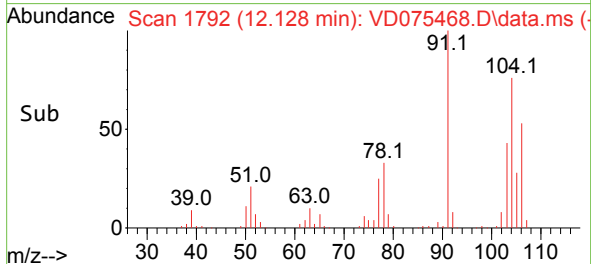
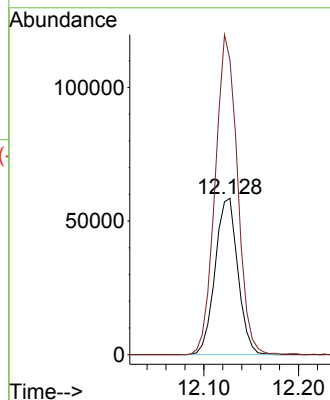
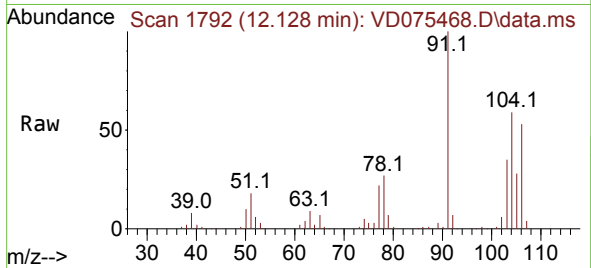




#69
o-Xylene
Concen: 19.521 ug/l
RT: 12.128 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

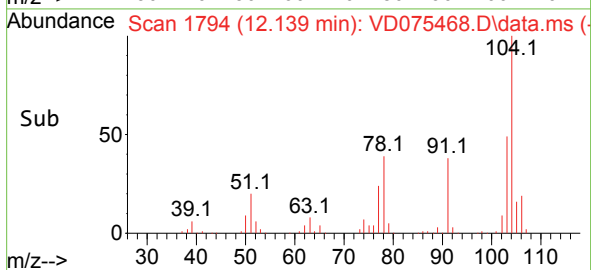
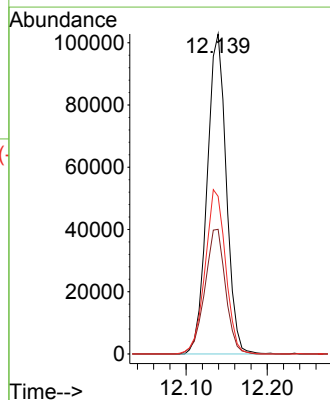
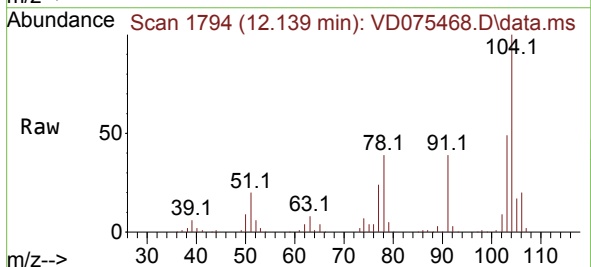
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

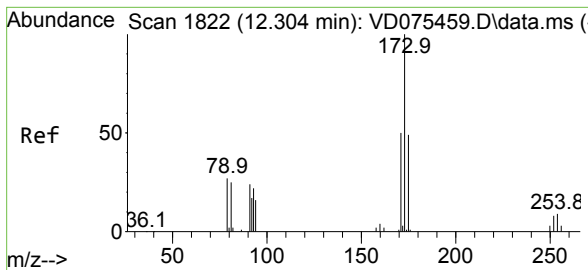
Tgt Ion:106 Resp: 97726
Ion Ratio Lower Upper
106 100
91 200.8 105.7 317.1



#70
Styrene
Concen: 19.799 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion:104 Resp: 168085
Ion Ratio Lower Upper
104 100
78 42.1 40.2 60.4
103 55.0 44.2 66.2

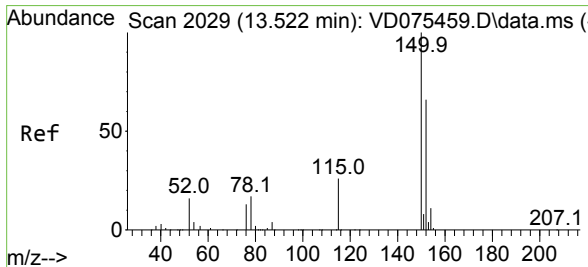
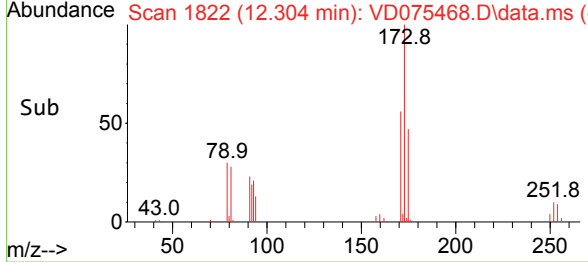
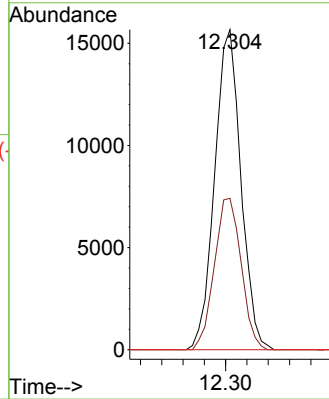
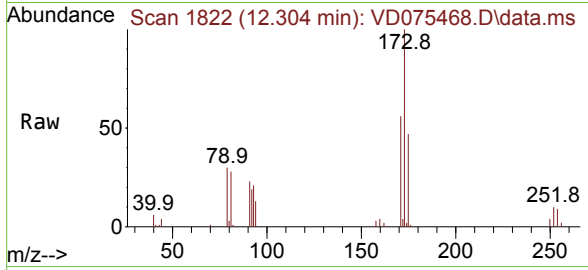




#71
Bromoform
Concen: 19.329 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

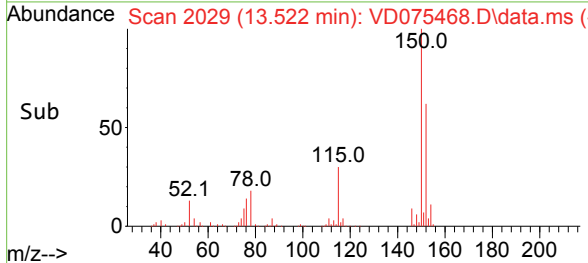
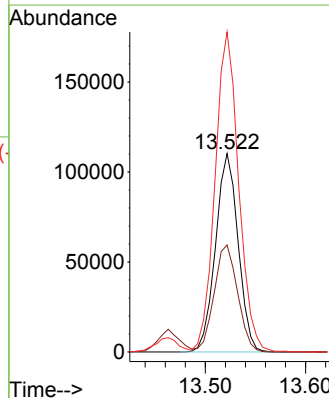
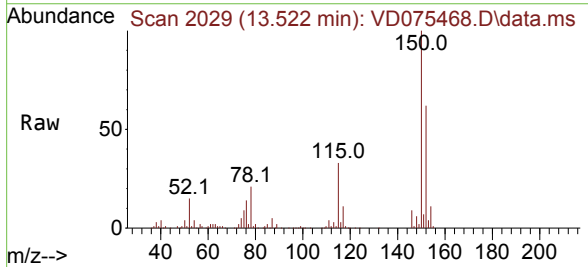
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

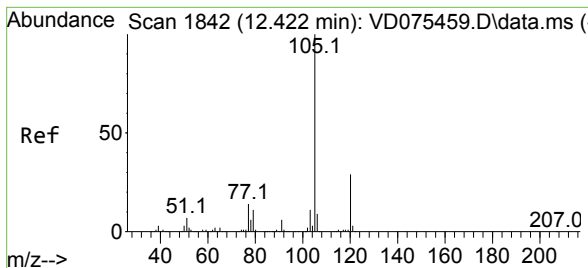
Tgt Ion:	173	Resp:	26755
Ion Ratio	Lower	Upper	
173	100		
175	48.4	23.5	70.5
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion:	152	Resp:	172355
Ion Ratio	Lower	Upper	
152	100		
115	56.1	30.1	90.3
150	168.2	0.0	364.8





#73

Isopropylbenzene

Concen: 20.162 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD075468.D

Acq: 08 Mar 2023 14:07

Instrument :

MSVOA_D

ClientSampleId :

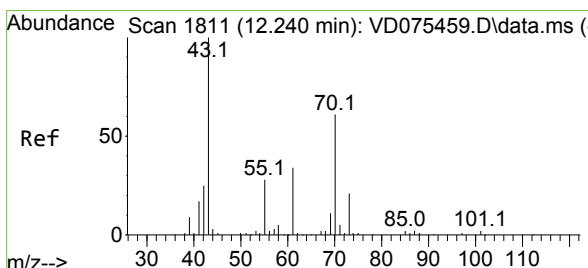
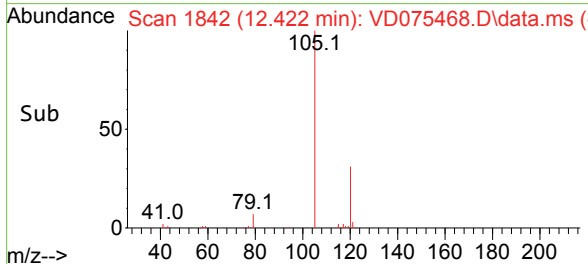
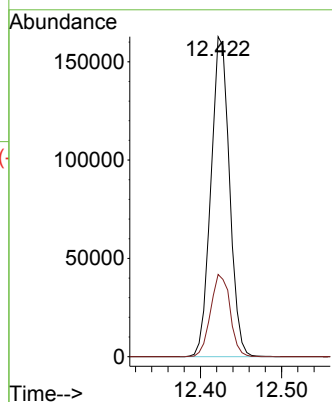
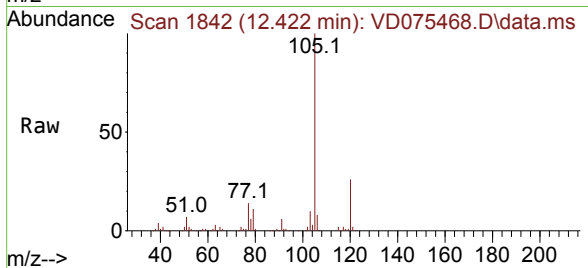
VD0308SBS01

Tgt Ion:105 Resp: 258810

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.1



#74

N-ethyl acetate

Concen: 19.094 ug/l

RT: 12.239 min Scan# 1811

Delta R.T. -0.001 min

Lab File: VD075468.D

Acq: 08 Mar 2023 14:07

Tgt Ion: 43 Resp: 31376

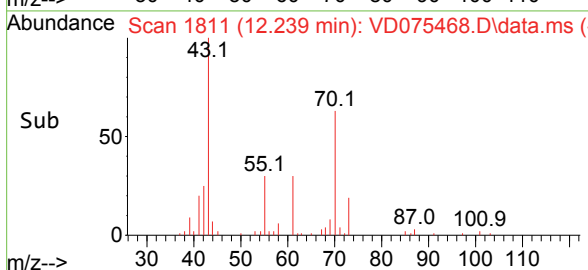
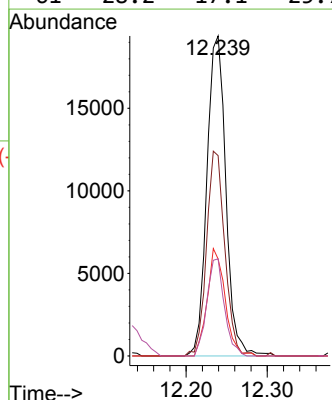
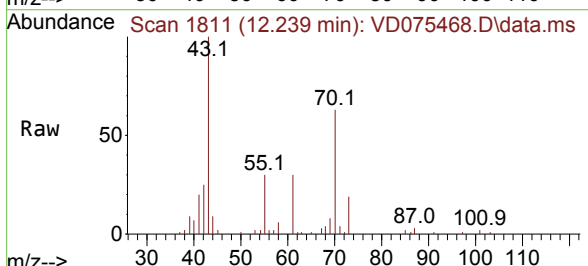
Ion Ratio Lower Upper

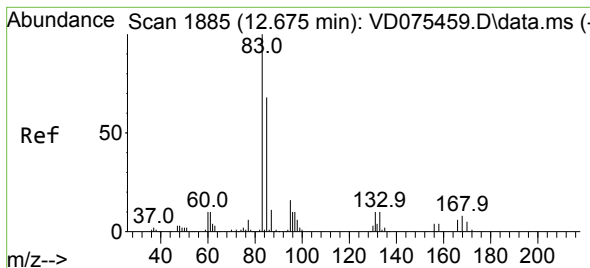
43 100

70 61.6 31.0 46.4#

55 31.8 18.6 28.0#

61 28.2 17.1 25.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 19.403 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD075468.D

Acq: 08 Mar 2023 14:07

Instrument :

MSVOA_D

ClientSampleId :

VD0308SBS01

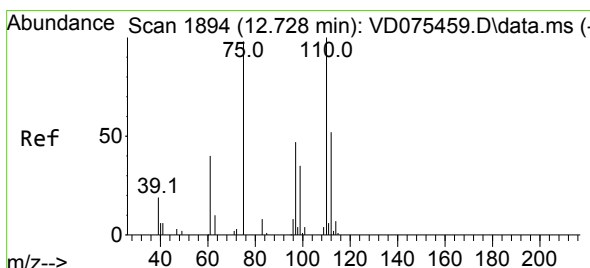
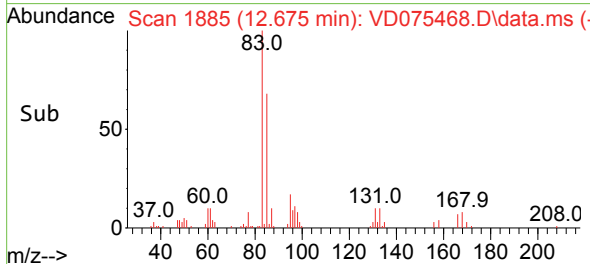
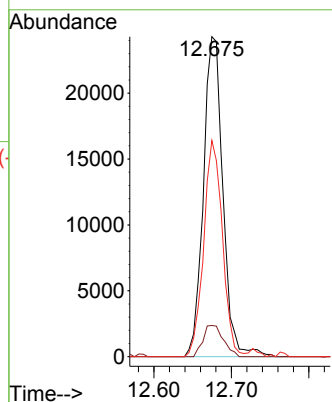
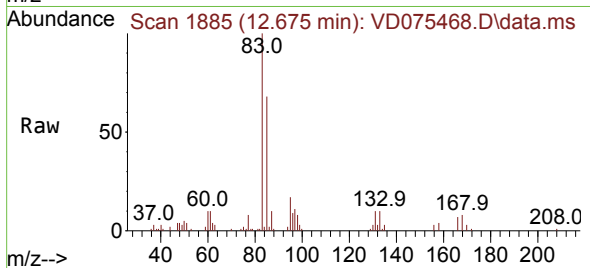
Tgt Ion: 83 Resp: 42513

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.2

85 64.7 33.6 100.6



#76

1,2,3-Trichloropropane

Concen: 36.796 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD075468.D

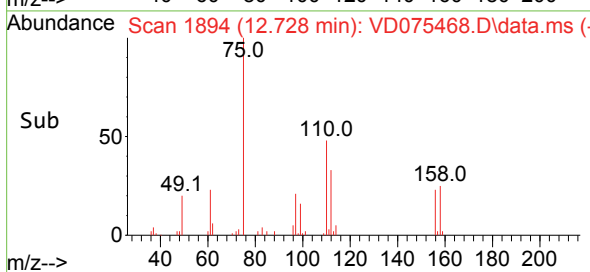
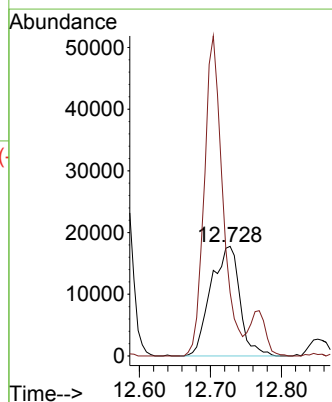
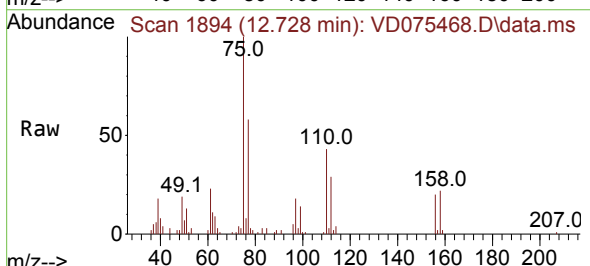
Acq: 08 Mar 2023 14:07

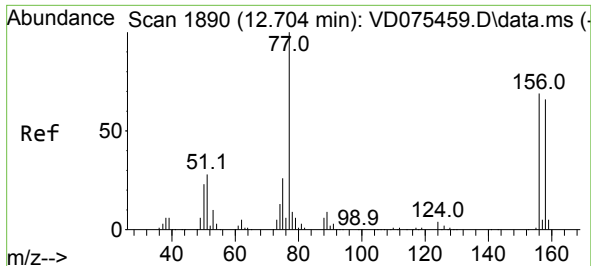
Tgt Ion: 75 Resp: 50242

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

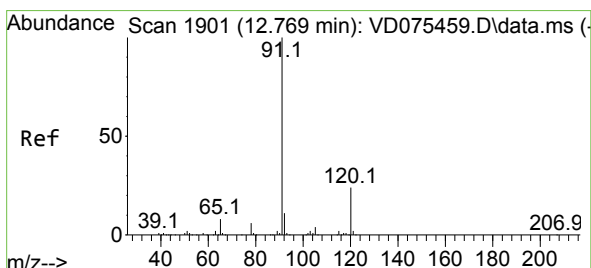
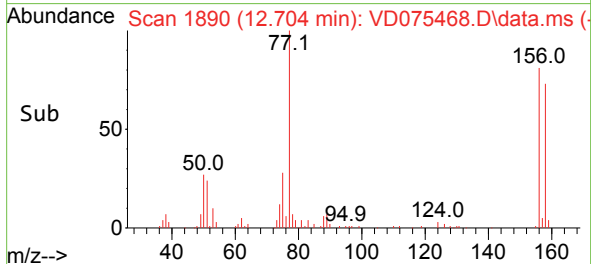
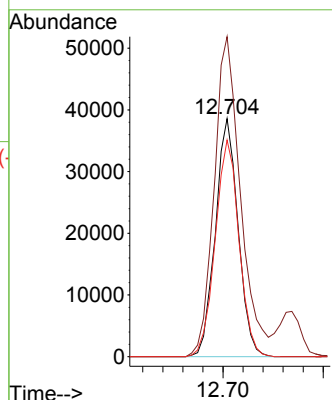
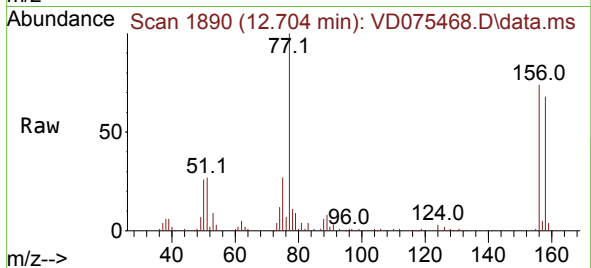




#77
Bromobenzene
Concen: 20.175 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

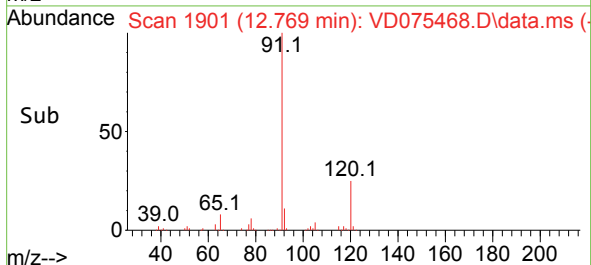
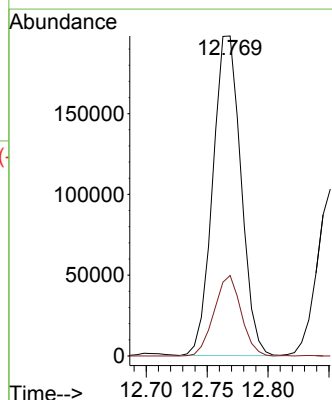
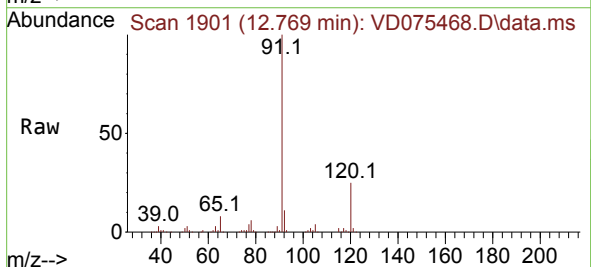
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

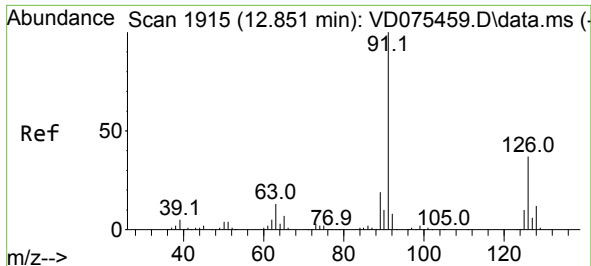
Tgt Ion:156 Resp: 60730
Ion Ratio Lower Upper
156 100
77 155.3 89.5 268.6
158 94.9 47.8 143.4



#78
n-propylbenzene
Concen: 20.464 ug/l
RT: 12.769 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion: 91 Resp: 318370
Ion Ratio Lower Upper
91 100
120 24.1 11.4 34.2

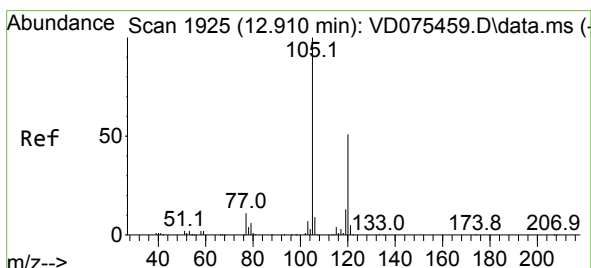
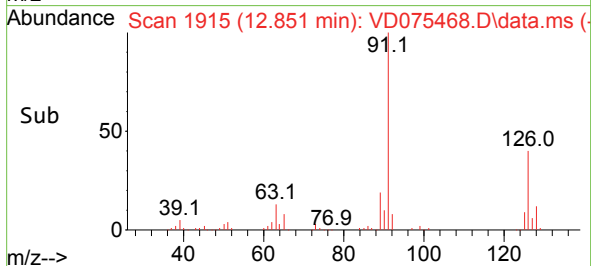
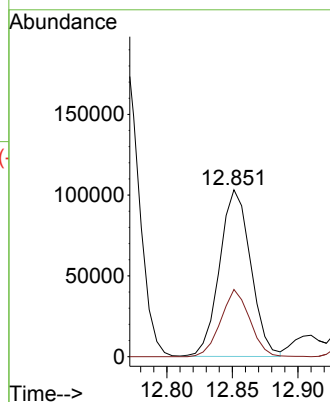
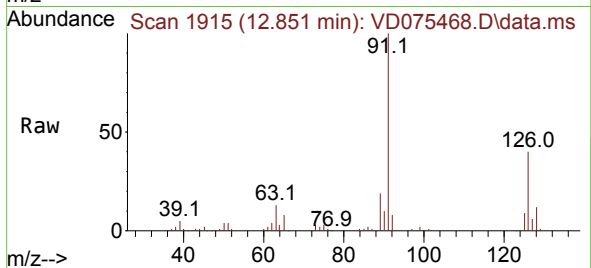




#79
2-Chlorotoluene
Concen: 20.271 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

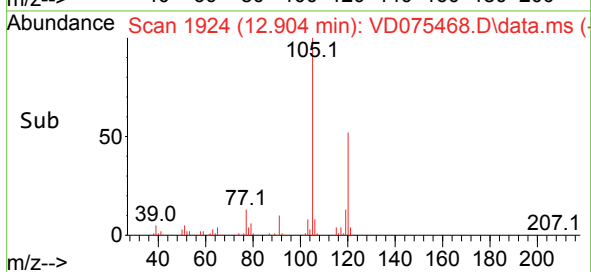
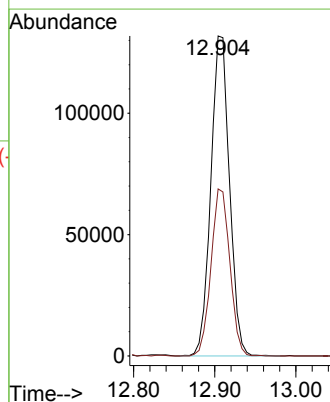
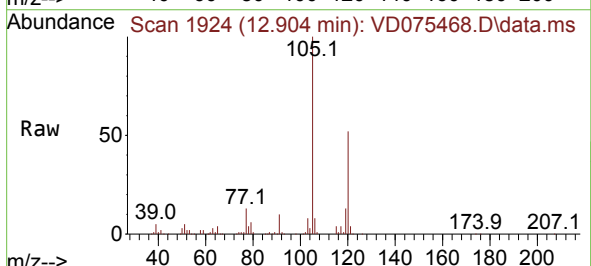
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

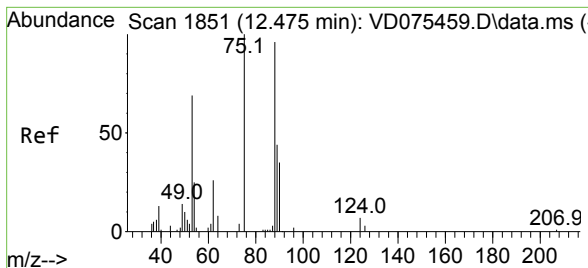
Tgt Ion: 91 Resp: 170422
Ion Ratio Lower Upper
91 100
126 37.6 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 20.038 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.006 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion: 105 Resp: 210185
Ion Ratio Lower Upper
105 100
120 52.6 24.3 72.8

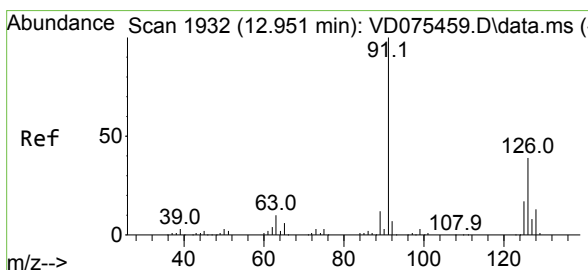
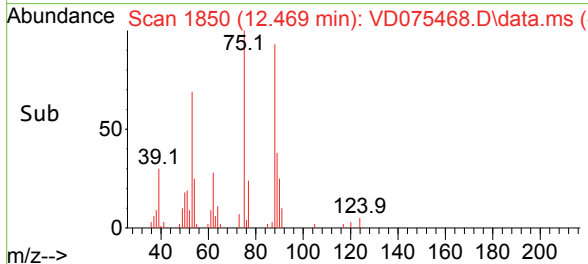
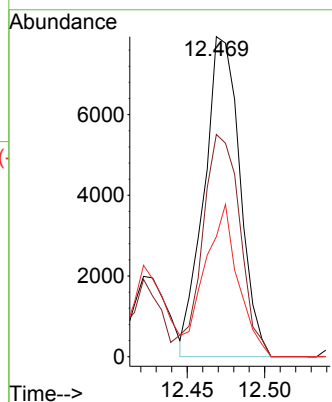
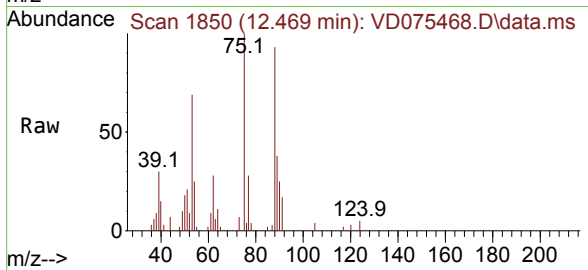




#81
trans-1,4-Dichloro-2-butene
Concen: 19.341 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

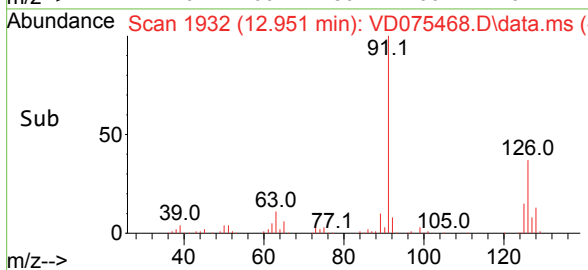
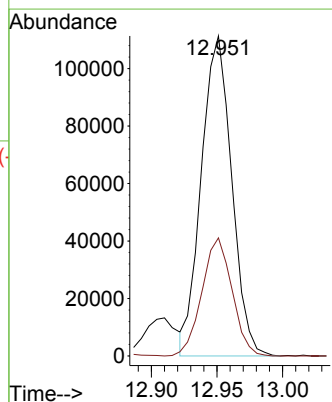
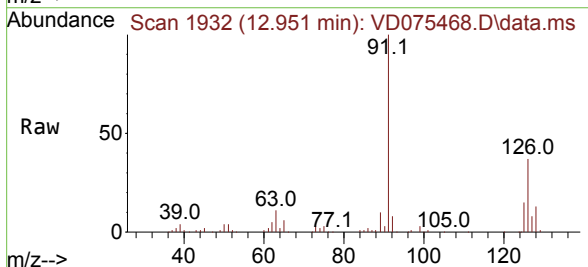
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

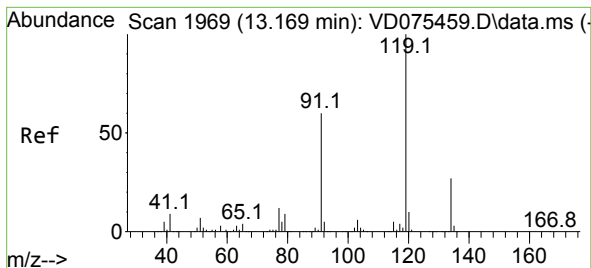
Tgt Ion: 75 Resp: 12730
Ion Ratio Lower Upper
75 100
53 73.1 90.5 135.7#
89 44.5 40.2 60.4



#82
4-Chlorotoluene
Concen: 20.623 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion: 91 Resp: 179652
Ion Ratio Lower Upper
91 100
126 36.6 17.1 51.2

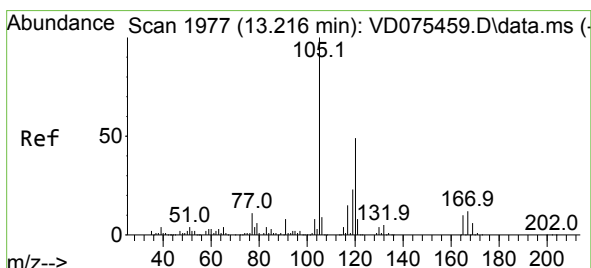
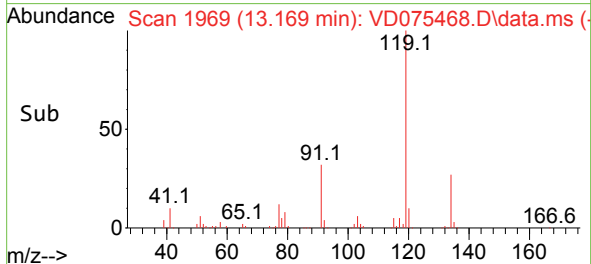
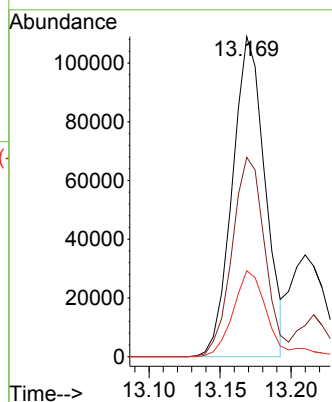
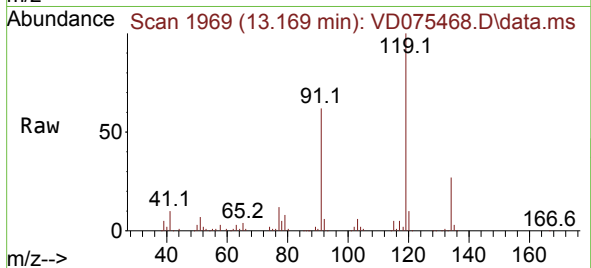




#83
tert-Butylbenzene
Concen: 19.384 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

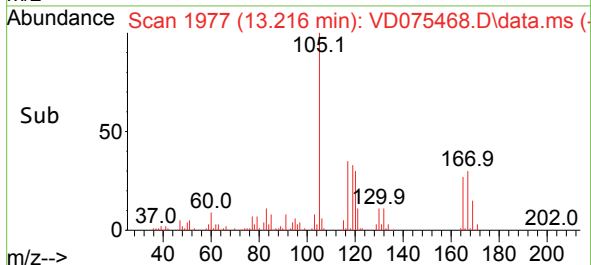
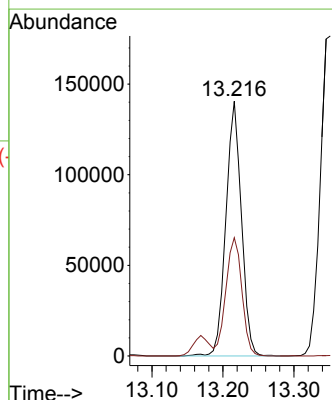
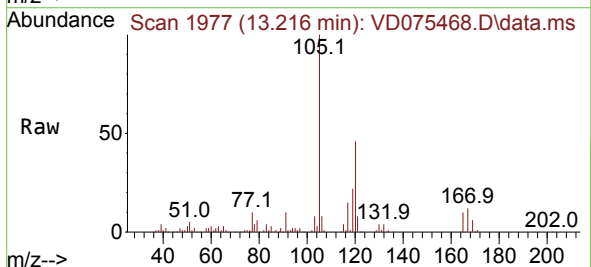
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

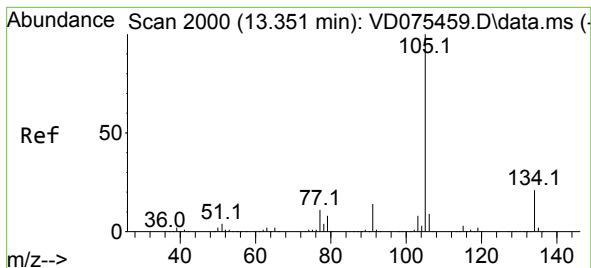
Tgt Ion:119 Resp: 174311
Ion Ratio Lower Upper
119 100
91 62.8 32.4 97.0
134 28.6 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 20.587 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion:105 Resp: 212614
Ion Ratio Lower Upper
105 100
120 48.0 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.327 ug/l

RT: 13.351 min Scan# 2000

Delta R.T. 0.000 min

Lab File: VD075468.D

Acq: 08 Mar 2023 14:07

Instrument :

MSVOA_D

ClientSampleId :

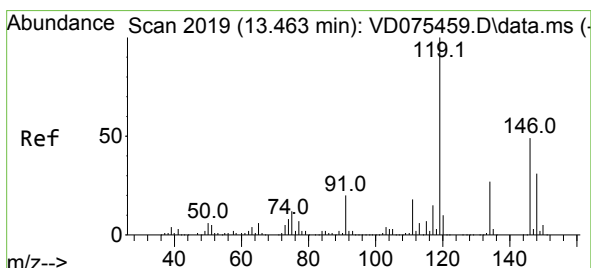
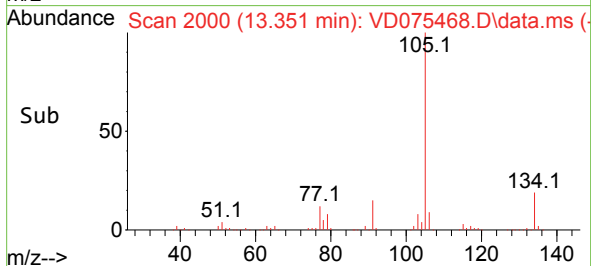
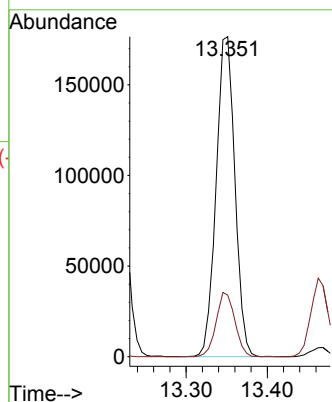
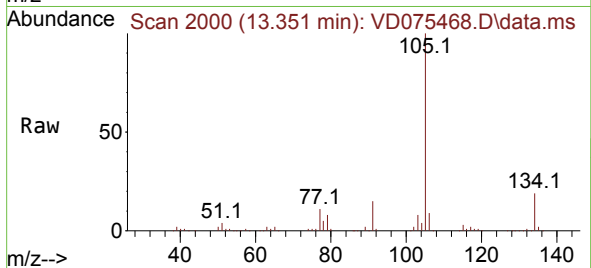
VD0308SBS01

Tgt Ion:105 Resp: 284002

Ion Ratio Lower Upper

105 100

134 20.0 9.9 29.7



#86

p-Isopropyltoluene

Concen: 20.096 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD075468.D

Acq: 08 Mar 2023 14:07

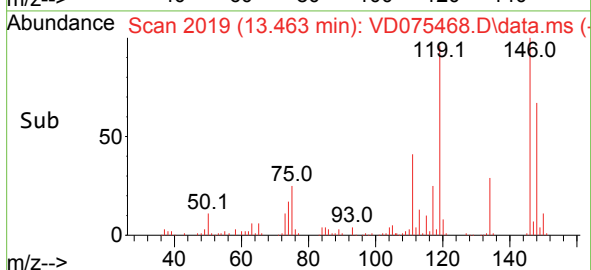
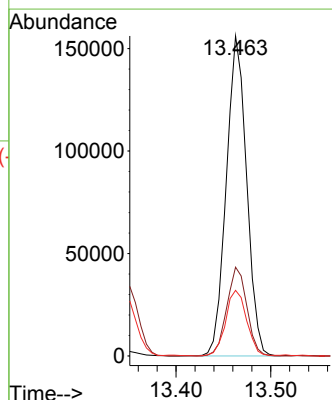
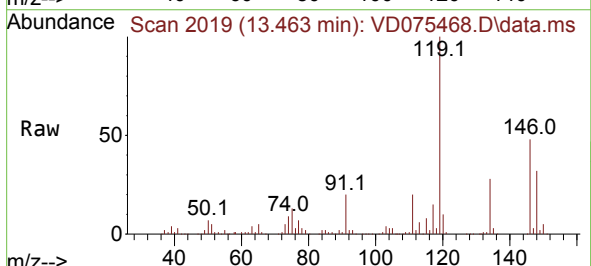
Tgt Ion:119 Resp: 233355

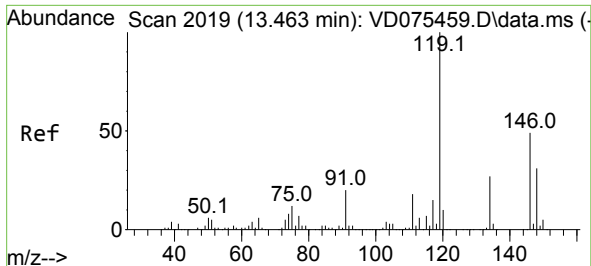
Ion Ratio Lower Upper

119 100

134 27.4 13.1 39.3

91 21.3 12.4 37.4

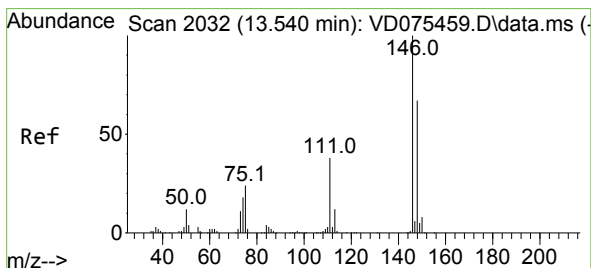
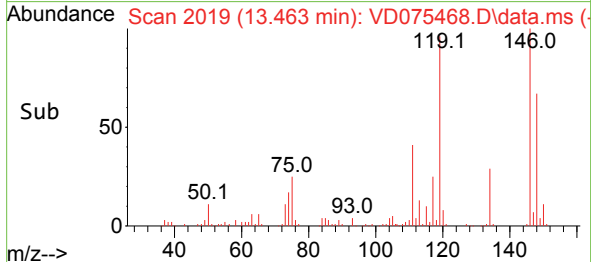
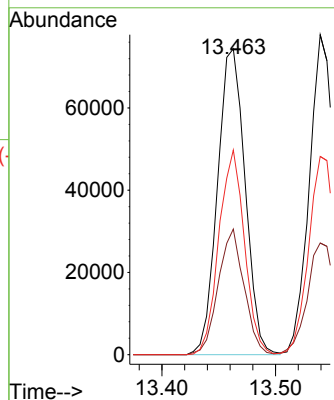
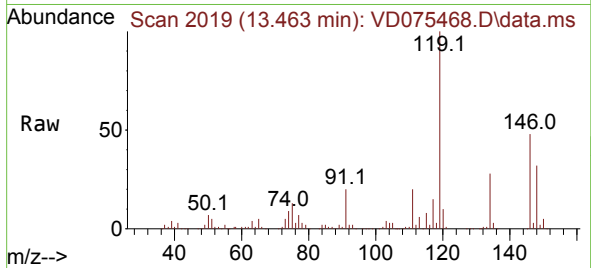




#87
1,3-Dichlorobenzene
Concen: 20.094 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

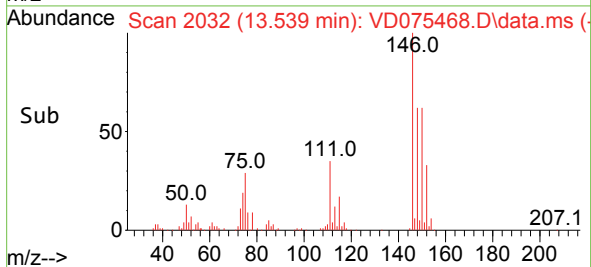
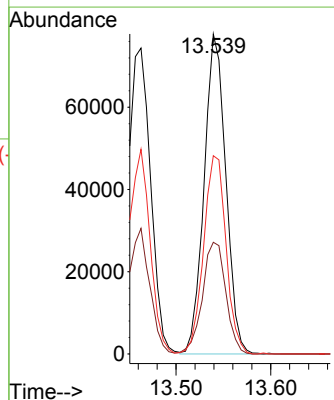
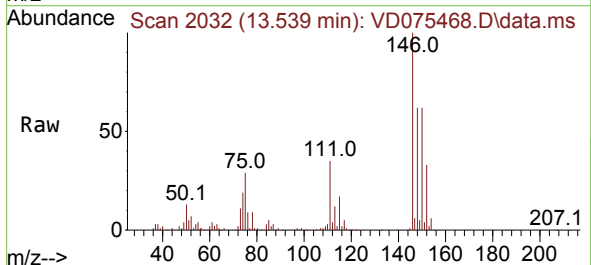
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

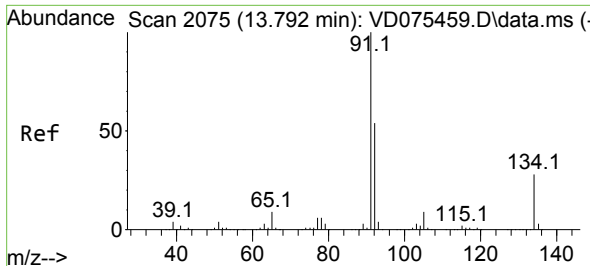
Tgt Ion:146 Resp: 125683
Ion Ratio Lower Upper
146 100
111 38.4 19.8 59.3
148 62.1 31.0 93.0



#88
1,4-Dichlorobenzene
Concen: 20.060 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.001 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion:146 Resp: 123675
Ion Ratio Lower Upper
146 100
111 37.7 19.6 58.8
148 64.1 31.7 95.1

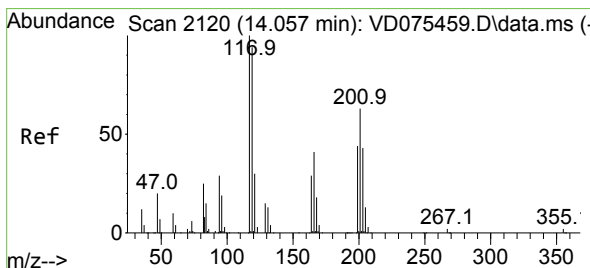
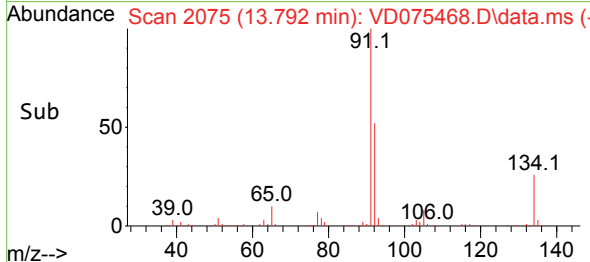
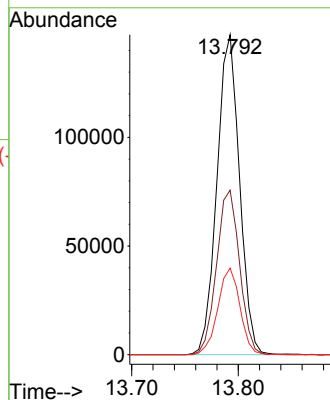
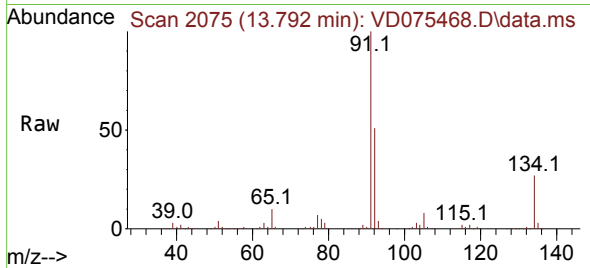




#89
n-Butylbenzene
Concen: 20.073 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

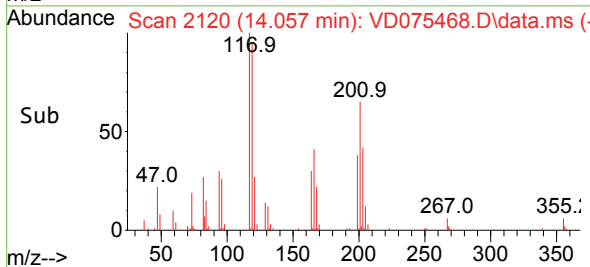
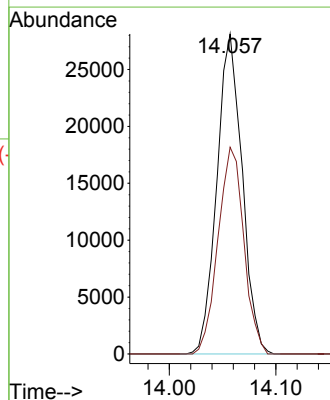
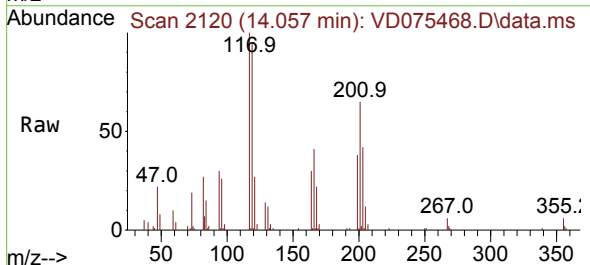
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

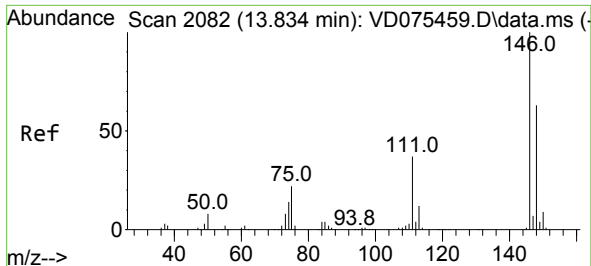
Tgt Ion: 91 Resp: 216588
Ion Ratio Lower Upper
91 100
92 52.4 26.2 78.5
134 26.5 12.7 38.0



#90
Hexachloroethane
Concen: 20.551 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion: 117 Resp: 46297
Ion Ratio Lower Upper
117 100
201 65.9 34.5 103.6

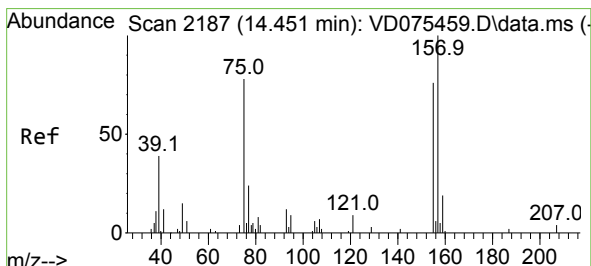
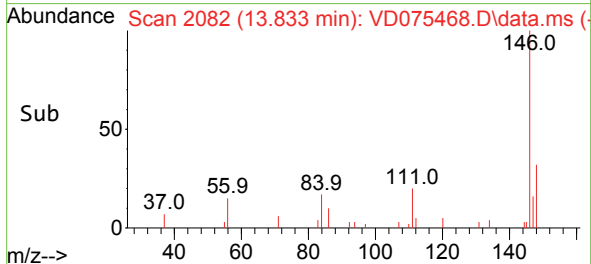
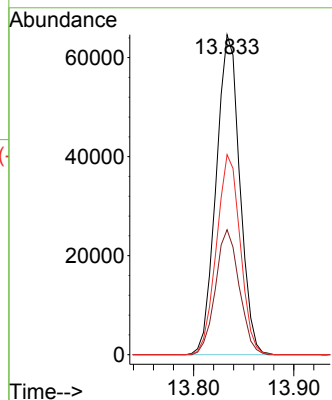
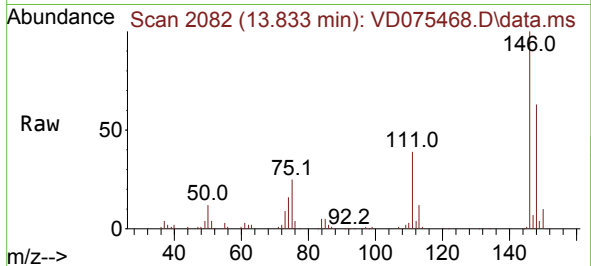




#91
1,2-Dichlorobenzene
Concen: 19.745 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.001 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

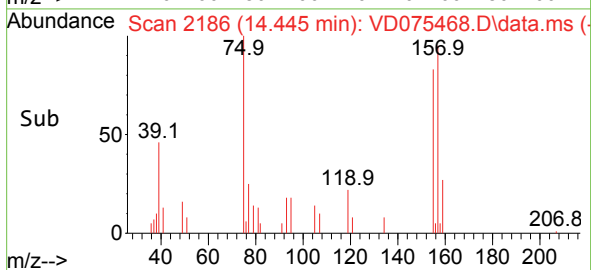
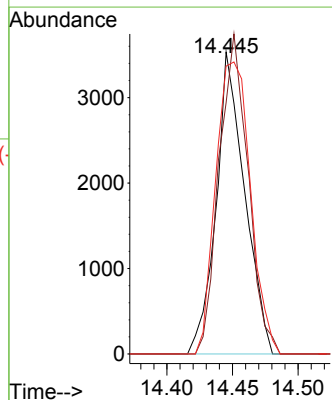
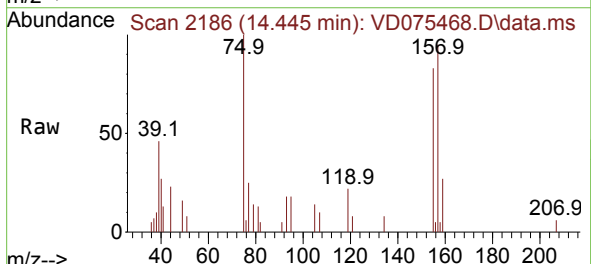
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

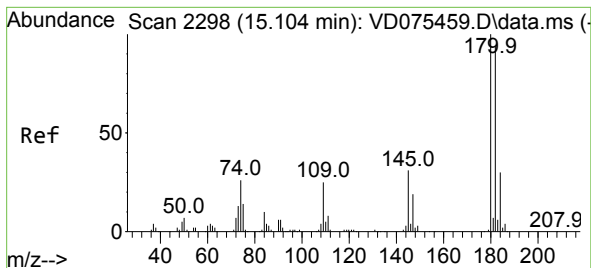
Tgt Ion:146 Resp: 105643
Ion Ratio Lower Upper
146 100
111 39.3 20.6 61.8
148 62.9 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.597 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion: 75 Resp: 5352
Ion Ratio Lower Upper
75 100
155 107.5 39.5 118.5
157 117.8 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 19.428 ug/l

RT: 15.104 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD075468.D

Acq: 08 Mar 2023 14:07

Instrument :

MSVOA_D

ClientSampleId :

VD0308SBS01

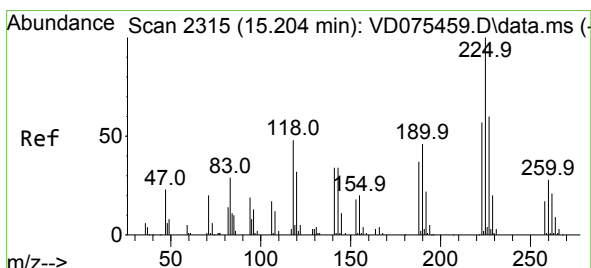
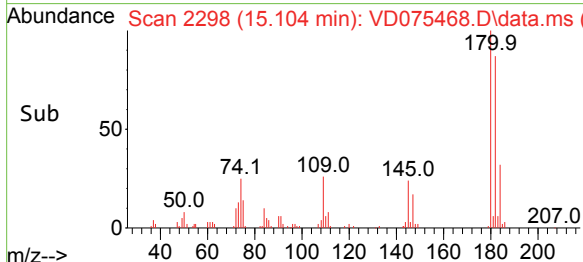
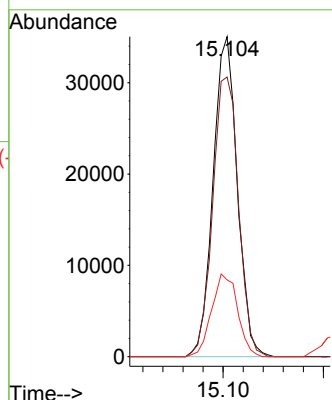
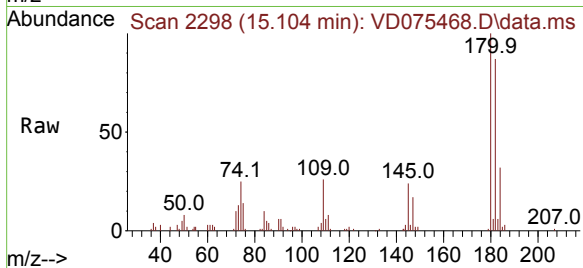
Tgt Ion:180 Resp: 58537

Ion Ratio Lower Upper

180 100

182 93.3 47.9 143.7

145 27.8 15.9 47.7



#94

Hexachlorobutadiene

Concen: 19.857 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD075468.D

Acq: 08 Mar 2023 14:07

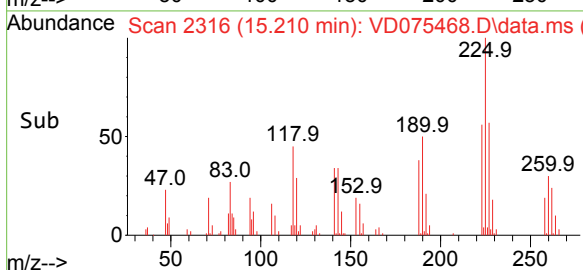
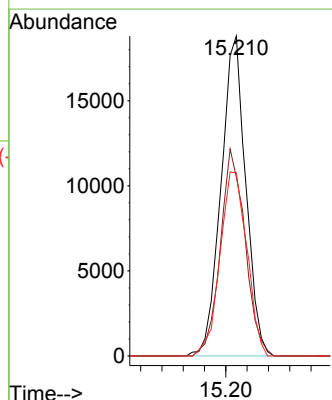
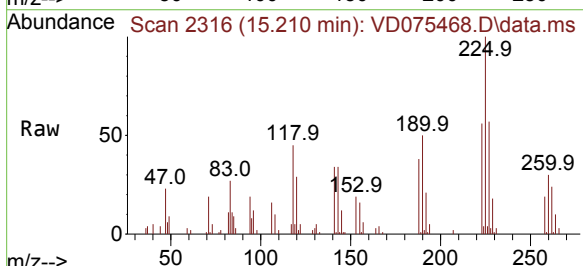
Tgt Ion:225 Resp: 30269

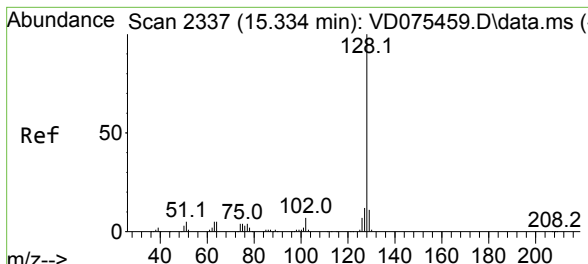
Ion Ratio Lower Upper

225 100

223 64.7 33.1 99.2

227 62.4 31.9 95.9

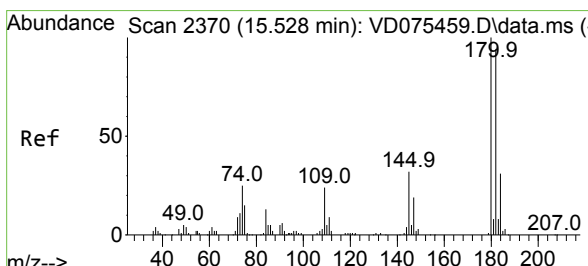
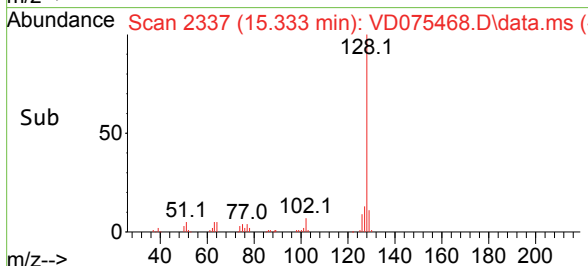
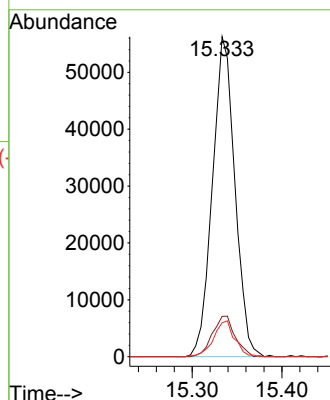
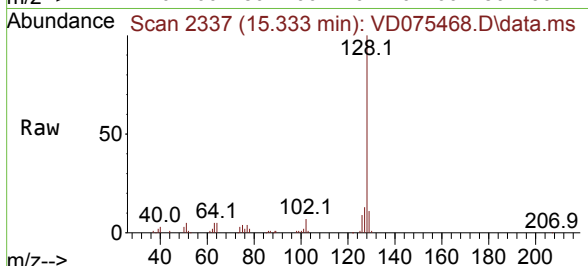




#95
Naphthalene
Concen: 17.264 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.001 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

Tgt Ion:	128	Resp:	97665
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.5	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.653 ug/l
RT: 15.527 min Scan# 2370
Delta R.T. -0.001 min
Lab File: VD075468.D
Acq: 08 Mar 2023 14:07

Tgt Ion:	180	Resp:	48750
Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.7	143.1
145	33.1	16.4	49.4

