

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
 Data File : VD078460.D
 Acq On : 19 Feb 2024 13:22
 Operator : RP/MD
 Sample : VD0219SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0219SBS01

Quant Time: Feb 19 23:48:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	132630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	235094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	213263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	106221	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	76727	53.503	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.000%	
35) Dibromofluoromethane	7.810	113	85241	57.080	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.160%	
50) Toluene-d8	10.269	98	326459	54.648	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.300%	
62) 4-Bromofluorobenzene	12.575	95	93301	53.670	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	21193	16.218	ug/l	89
3) Chloromethane	2.152	50	38594	16.070	ug/l	88
4) Vinyl Chloride	2.287	62	61268	16.719	ug/l	98
5) Bromomethane	2.687	94	48537	19.188	ug/l	94
6) Chloroethane	2.834	64	47726	17.860	ug/l	93
7) Trichlorofluoromethane	3.175	101	45369	18.353	ug/l	100
8) Diethyl Ether	3.593	74	13674	19.204	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.969	101	30055	19.272	ug/l	96
10) Methyl Iodide	4.164	142	25506	18.260	ug/l #	90
11) Tert butyl alcohol	5.058	59	4109	48.309	ug/l	97
12) 1,1-Dichloroethene	3.946	96	27597	19.087	ug/l	90
13) Acrolein	3.805	56	13855	104.580	ug/l	100
14) Allyl chloride	4.564	41	31876	17.846	ug/l	90
15) Acrylonitrile	5.258	53	29735	97.552	ug/l	99
16) Acetone	4.022	43	31724	98.674	ug/l #	81
17) Carbon Disulfide	4.269	76	79315	16.303	ug/l	99
18) Methyl Acetate	4.569	43	11494	14.328	ug/l	97
19) Methyl tert-butyl Ether	5.328	73	56201	18.295	ug/l	99
20) Methylene Chloride	4.805	84	44548	25.935	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	31360	18.437	ug/l	93
22) Diisopropyl ether	6.216	45	74687	18.972	ug/l #	89
23) Vinyl Acetate	6.158	43	220446	129.892	ug/l #	92
24) 1,1-Dichloroethane	6.111	63	53721	19.263	ug/l	96
25) 2-Butanone	7.087	43	39406	98.972	ug/l	90
26) 2,2-Dichloropropane	7.081	77	44591	19.073	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	34992	18.751	ug/l	95
28) Bromochloromethane	7.422	49	22313	20.200	ug/l	86
29) Tetrahydrofuran	7.446	42	21534	100.972	ug/l #	84
30) Chloroform	7.605	83	56981	19.311	ug/l	92
31) Cyclohexane	7.875	56	41878	17.263	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	49200	19.557	ug/l	99
36) 1,1-Dichloropropene	8.005	75	40875	17.619	ug/l	98
37) Ethyl Acetate	7.169	43	16676	20.506	ug/l	98
38) Carbon Tetrachloride	7.999	117	43453	18.913	ug/l	96
39) Methylcyclohexane	9.275	83	45834	16.642	ug/l	95
40) Benzene	8.252	78	123433	18.408	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
 Data File : VD078460.D
 Acq On : 19 Feb 2024 13:22
 Operator : RP/MD
 Sample : VD0219SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0219SBS01

Quant Time: Feb 19 23:48:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	8334	19.691	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	33280	19.181	ug/l	97
43) Isopropyl Acetate	8.369	43	27713	18.403	ug/l	97
44) Trichloroethene	9.028	130	32624	19.071	ug/l	95
45) 1,2-Dichloropropane	9.310	63	30743	18.686	ug/l	99
46) Dibromomethane	9.399	93	16955	18.322	ug/l	95
47) Bromodichloromethane	9.587	83	44313	19.333	ug/l	99
48) Methyl methacrylate	9.387	41	12221	15.297	ug/l	88
49) 1,4-Dioxane	9.393	88	3822	381.374	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	75932	95.003	ug/l	92
52) Toluene	10.334	92	77276	18.223	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	39625	18.946	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	47971	18.916	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	24764	19.871	ug/l	95
56) Ethyl methacrylate	10.599	69	25175	21.842	ug/l #	87
57) 1,3-Dichloropropane	10.881	76	39678	18.717	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	63659	93.766	ug/l	94
59) 2-Hexanone	10.922	43	61746	102.799	ug/l	86
60) Dibromochloromethane	11.075	129	28777	19.192	ug/l	96
61) 1,2-Dibromoethane	11.181	107	22771	19.463	ug/l	95
64) Tetrachloroethene	10.816	164	25854	19.193	ug/l	95
65) Chlorobenzene	11.610	112	82990	19.357	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	30386	19.285	ug/l	99
67) Ethyl Benzene	11.687	91	140994	18.354	ug/l	96
68) m/p-Xylenes	11.793	106	114705	38.280	ug/l	94
69) o-Xylene	12.122	106	52409	19.166	ug/l	97
70) Styrene	12.140	104	90834	20.354	ug/l	99
71) Bromoform	12.298	173	16048	19.351	ug/l #	100
73) Isopropylbenzene	12.422	105	134568	18.867	ug/l	96
74) N-amyl acetate	12.234	43	27110	20.091	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	27354	19.333	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	32347	35.870	ug/l #	100
77) Bromobenzene	12.698	156	33503	19.987	ug/l	91
78) n-propylbenzene	12.763	91	170544	19.187	ug/l	95
79) 2-Chlorotoluene	12.851	91	90840	19.081	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	111830	18.882	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	8634	19.877	ug/l	96
82) 4-Chlorotoluene	12.945	91	96523	18.878	ug/l	97
83) tert-Butylbenzene	13.169	119	96793	19.378	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	112952	18.791	ug/l	97
85) sec-Butylbenzene	13.345	105	149981	19.361	ug/l	96
86) p-Isopropyltoluene	13.463	119	124187	18.822	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	68910	19.261	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	70229	19.978	ug/l	99
89) n-Butylbenzene	13.787	91	113920	17.913	ug/l	98
90) Hexachloroethane	14.051	117	25329	18.678	ug/l	90
91) 1,2-Dichlorobenzene	13.828	146	59985	19.966	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3626	19.572	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	32658	18.496	ug/l	98
94) Hexachlorobutadiene	15.204	225	17645	19.146	ug/l	99
95) Naphthalene	15.334	128	61561	18.798	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	29484	19.704	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
Data File : VD078460.D
Acq On : 19 Feb 2024 13:22
Operator : RP/MD
Sample : VD0219SBS01
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

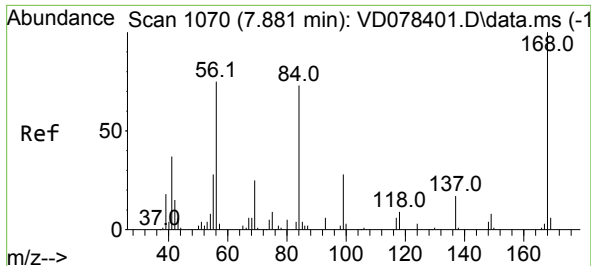
Quant Time: Feb 19 23:48:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

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

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

Quant Time: Feb 19 23:48:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

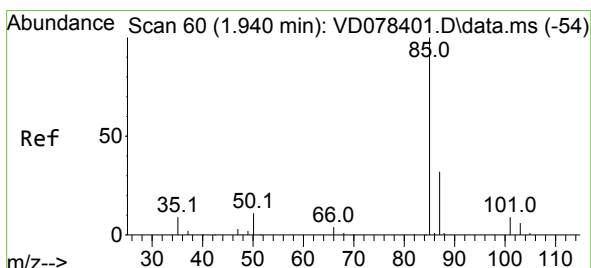
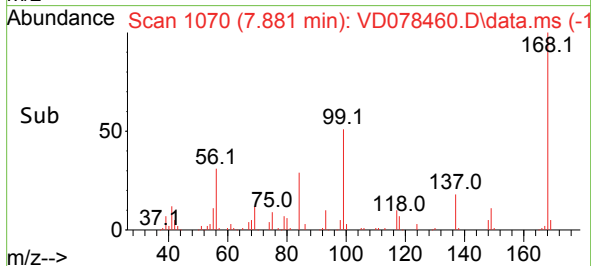
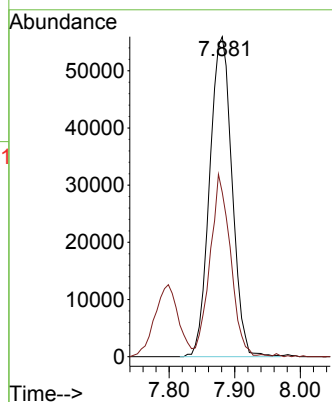
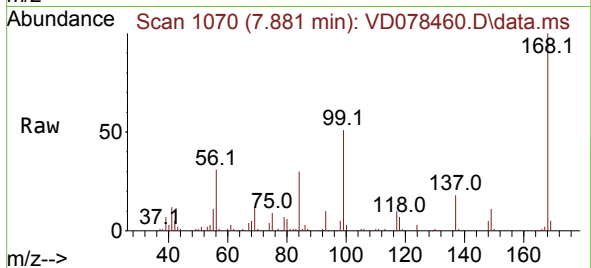




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

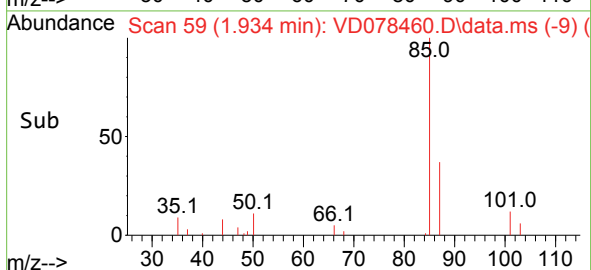
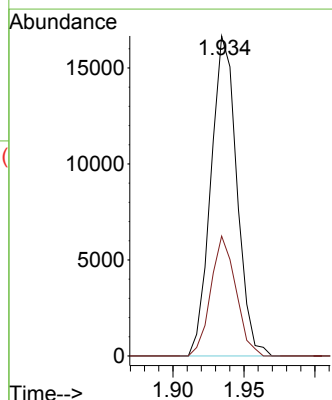
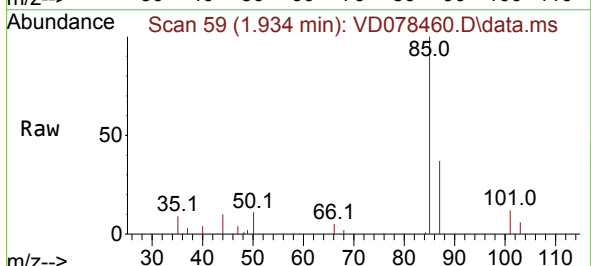
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

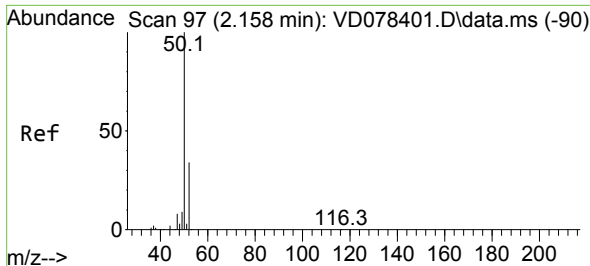
Tgt Ion:168 Resp: 132630
Ion Ratio Lower Upper
168 100
99 51.0 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 16.218 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

Tgt Ion: 85 Resp: 21193
Ion Ratio Lower Upper
85 100
87 37.5 15.7 47.0

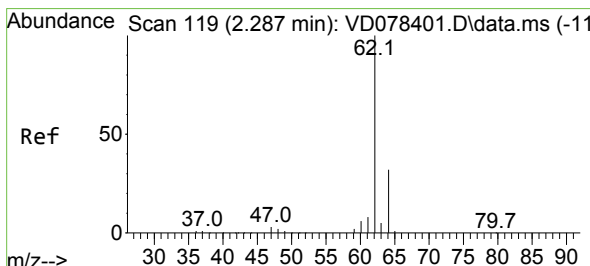
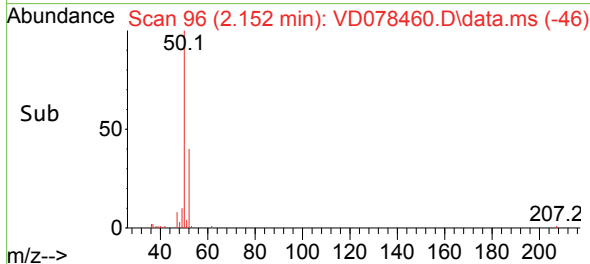
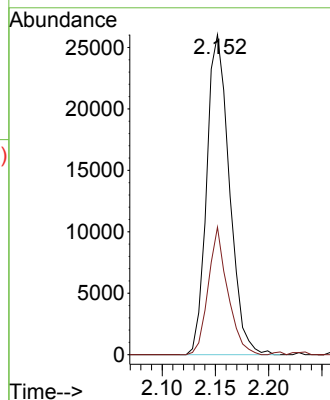
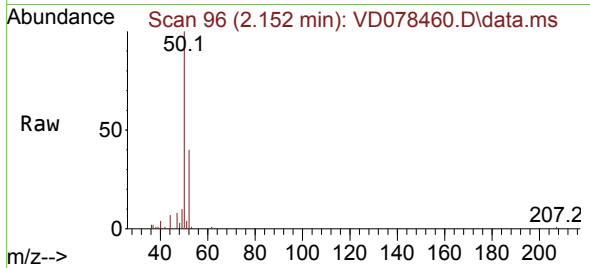




#3
Chloromethane
Concen: 16.070 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.006 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

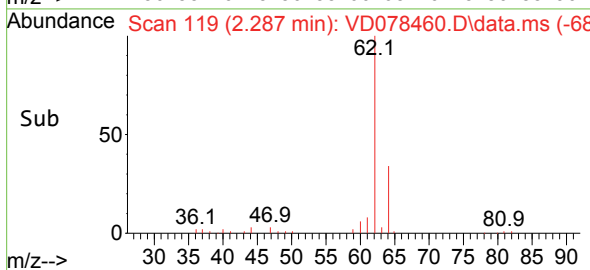
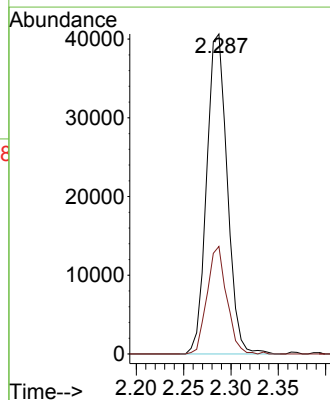
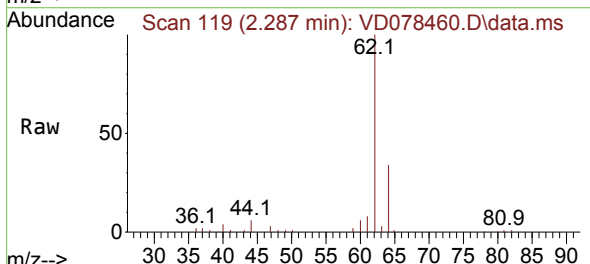
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

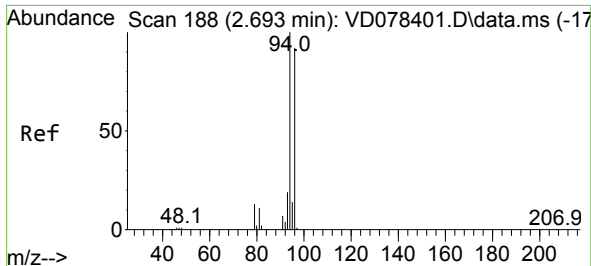
Tgt Ion: 50 Resp: 38594
Ion Ratio Lower Upper
50 100
52 39.8 26.6 40.0



#4
Vinyl Chloride
Concen: 16.719 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

Tgt Ion: 62 Resp: 61268
Ion Ratio Lower Upper
62 100
64 33.6 26.0 39.0

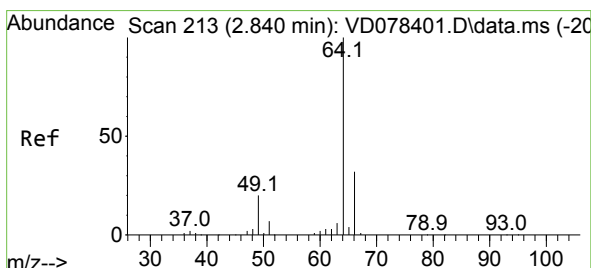
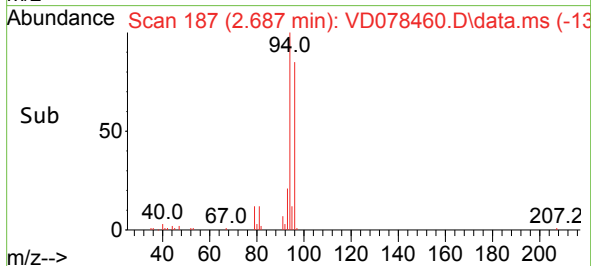
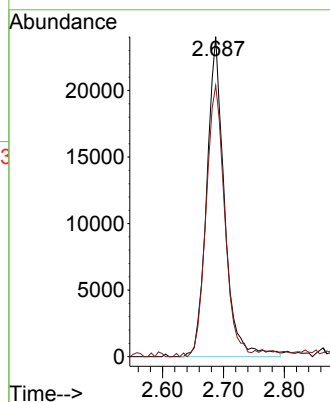
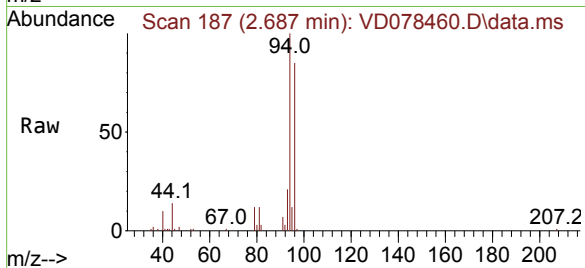




#5
Bromomethane
Concen: 19.188 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

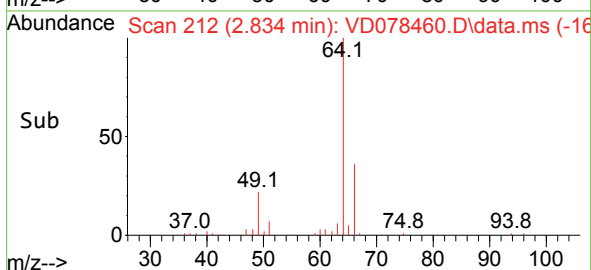
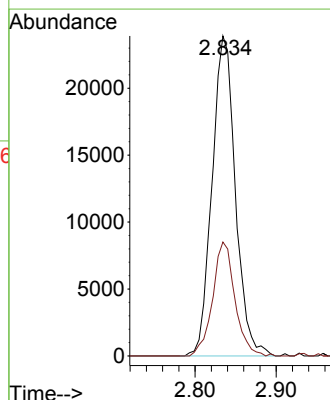
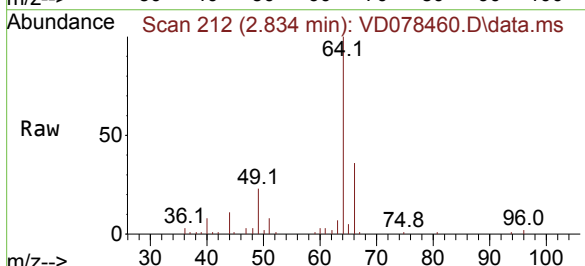
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

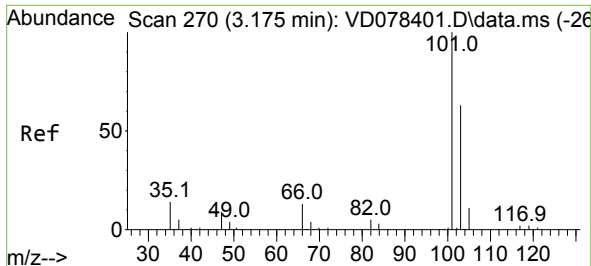
Tgt Ion: 94 Resp: 48537
Ion Ratio Lower Upper
94 100
96 89.2 75.8 113.8



#6
Chloroethane
Concen: 17.860 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

Tgt Ion: 64 Resp: 47726
Ion Ratio Lower Upper
64 100
66 35.6 25.5 38.3

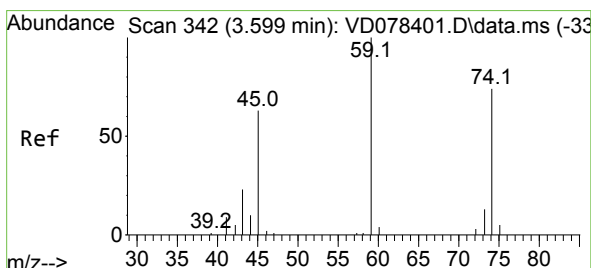
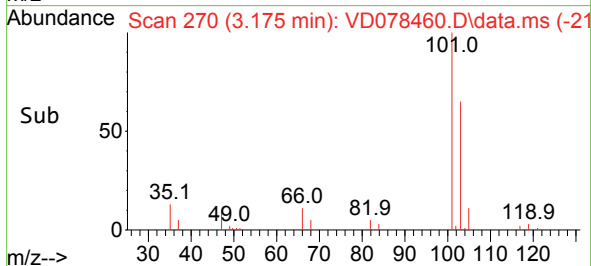
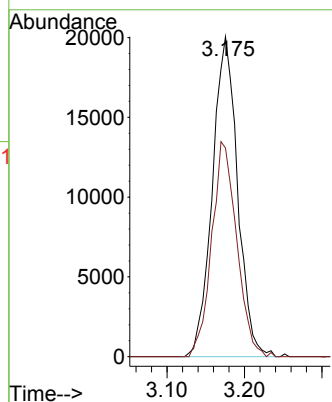
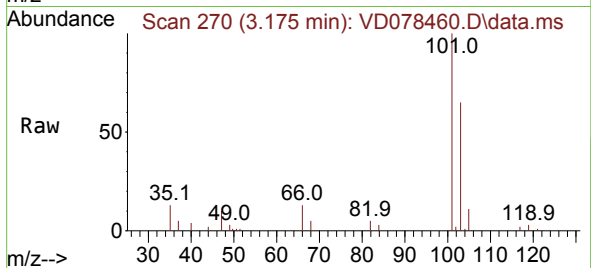




#7
Trichlorofluoromethane
Concen: 18.353 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

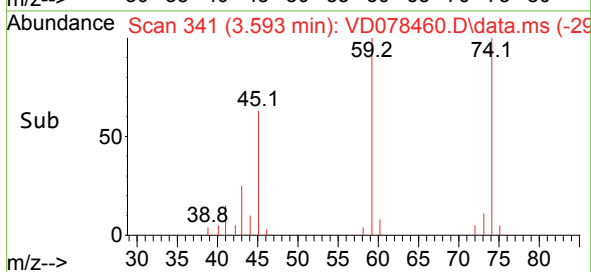
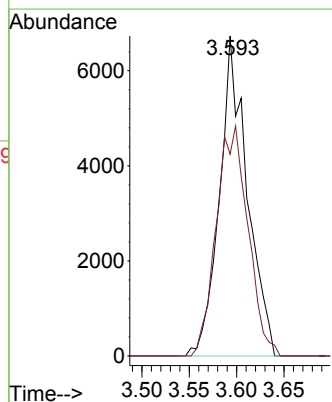
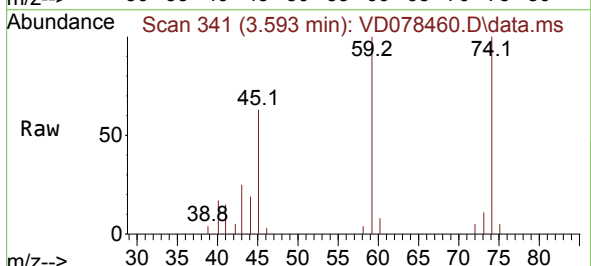
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

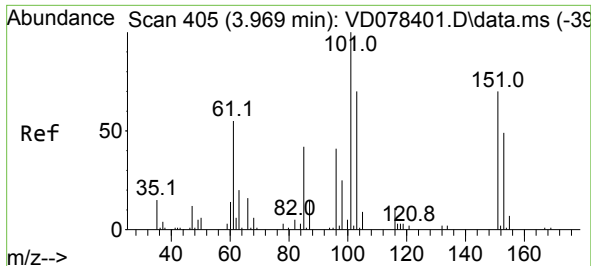
Tgt Ion:101 Resp: 45369
Ion Ratio Lower Upper
101 100
103 65.2 52.3 78.5



#8
Diethyl Ether
Concen: 19.204 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

Tgt Ion: 74 Resp: 13674
Ion Ratio Lower Upper
74 100
45 82.5 37.5 112.7

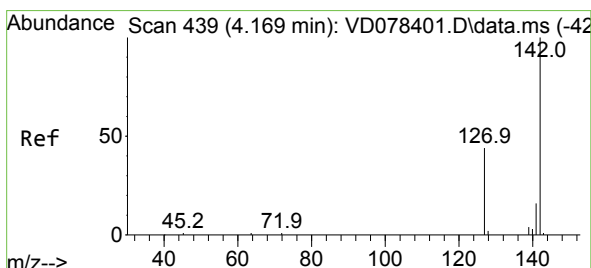
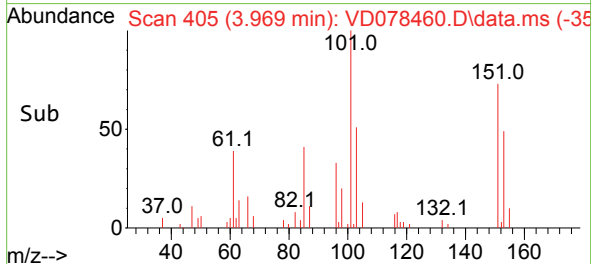
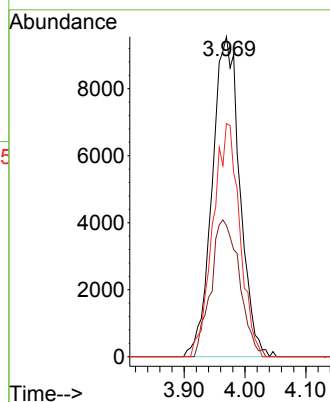
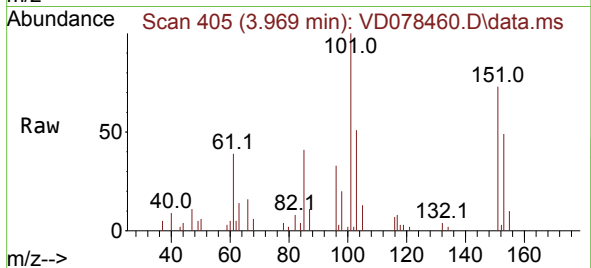




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.272 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

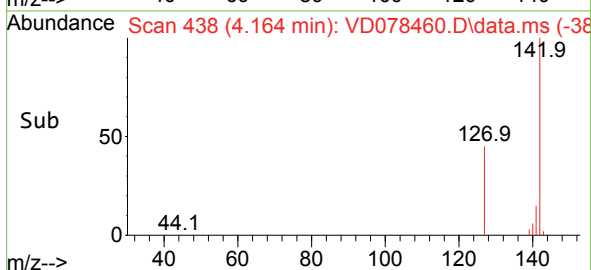
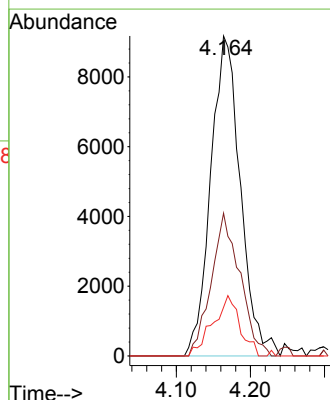
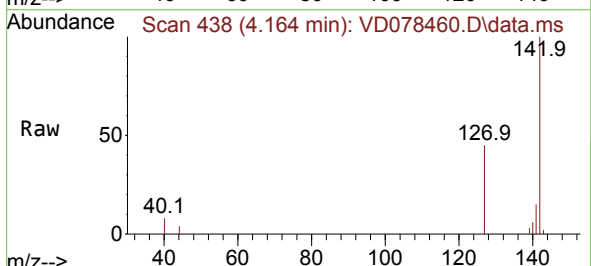
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

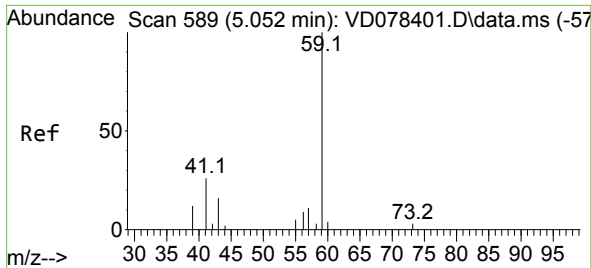
Tgt Ion:	101	Resp:	30055
Ion	Ratio	Lower	Upper
101	100		
85	44.0	33.8	50.6
151	70.5	59.8	89.6



#10
Methyl Iodide
Concen: 18.260 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

Tgt Ion:	142	Resp:	25506
Ion	Ratio	Lower	Upper
142	100		
127	43.2	29.4	44.0
141	17.2	11.1	16.7





#11

Tert butyl alcohol

Concen: 48.309 ug/l

RT: 5.058 min Scan# 589

Delta R.T. 0.006 min

Lab File: VD078460.D

Acq: 19 Feb 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

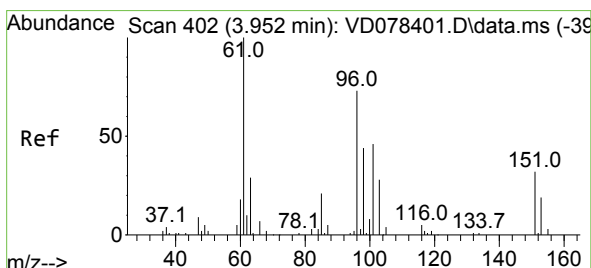
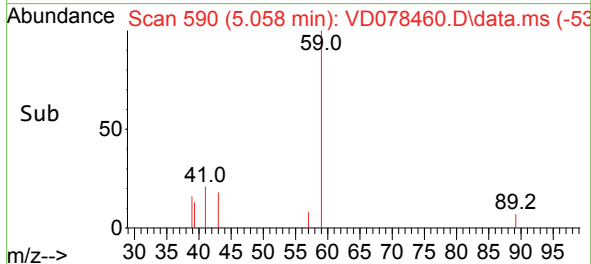
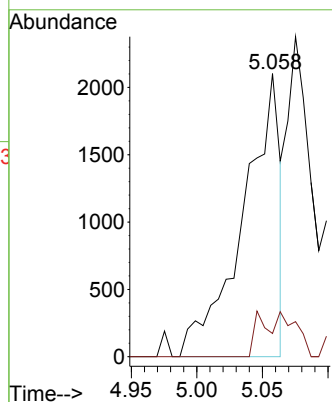
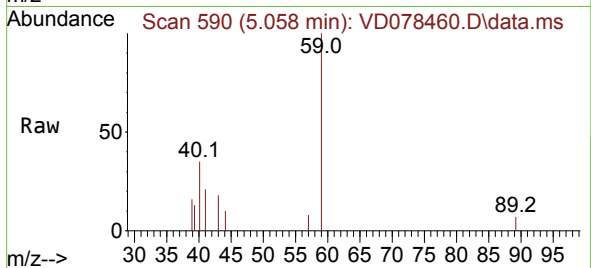
VD0219SBS01

Tgt Ion: 59 Resp: 4109

Ion Ratio Lower Upper

59 100

57 8.6 7.8 11.8



#12

1,1-Dichloroethene

Concen: 19.087 ug/l

RT: 3.946 min Scan# 401

Delta R.T. -0.006 min

Lab File: VD078460.D

Acq: 19 Feb 2024 13:22

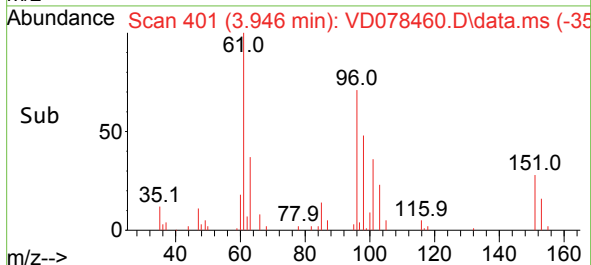
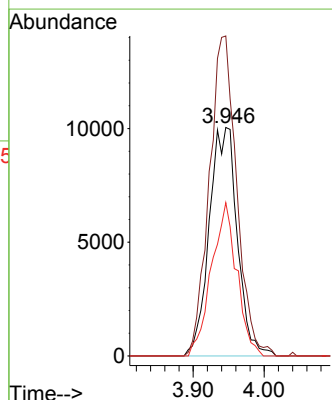
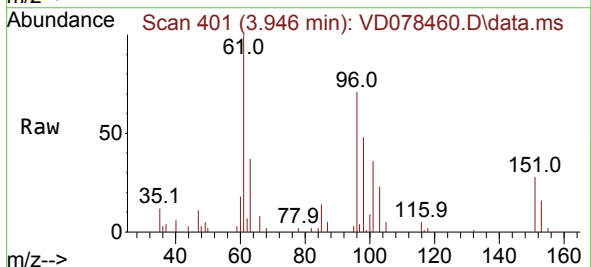
Tgt Ion: 96 Resp: 27597

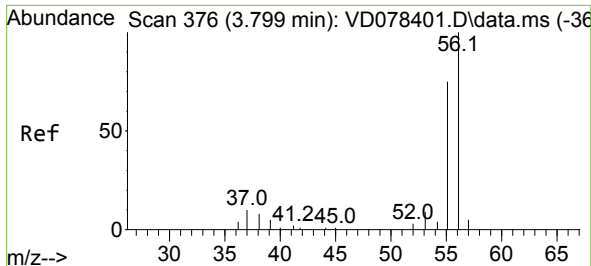
Ion Ratio Lower Upper

96 100

61 140.0 100.6 150.8

98 67.1 50.2 75.2





#13

Acrolein

Concen: 104.580 ug/l

RT: 3.805 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD078460.D

Acq: 19 Feb 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

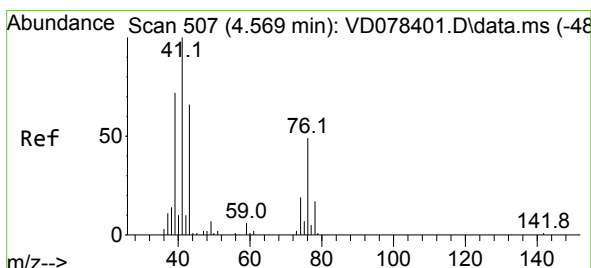
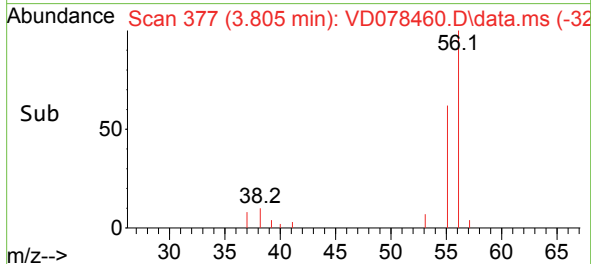
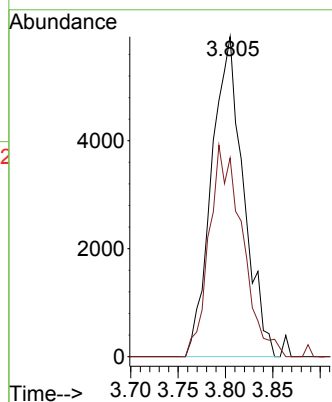
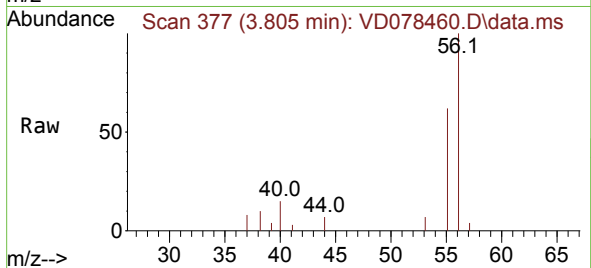
VD0219SBS01

Tgt Ion: 56 Resp: 13855

Ion Ratio Lower Upper

56 100

55 69.0 55.1 82.7



#14

Allyl chloride

Concen: 17.846 ug/l

RT: 4.564 min Scan# 506

Delta R.T. -0.006 min

Lab File: VD078460.D

Acq: 19 Feb 2024 13:22

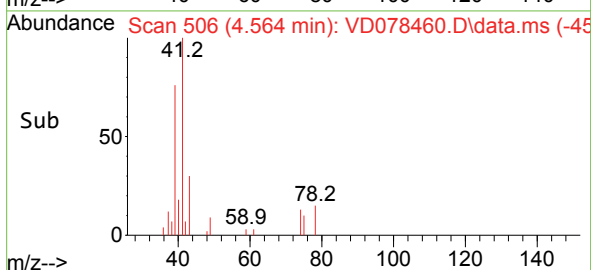
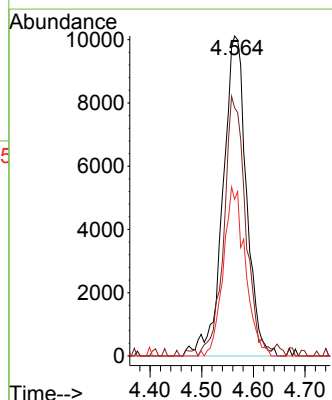
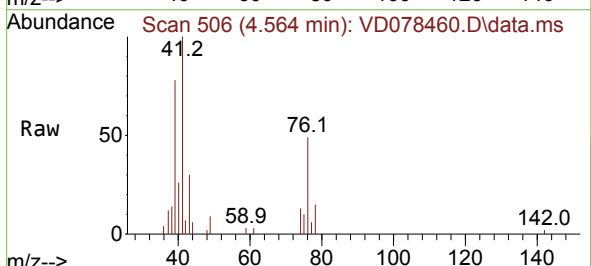
Tgt Ion: 41 Resp: 31876

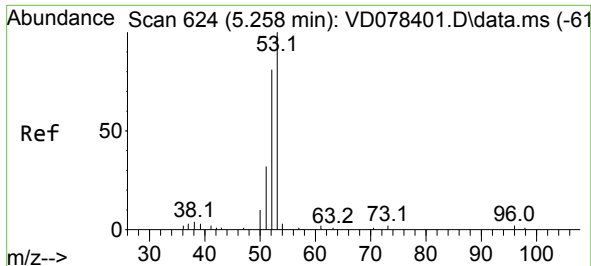
Ion Ratio Lower Upper

41 100

39 75.3 53.8 80.6

76 49.5 45.8 68.8

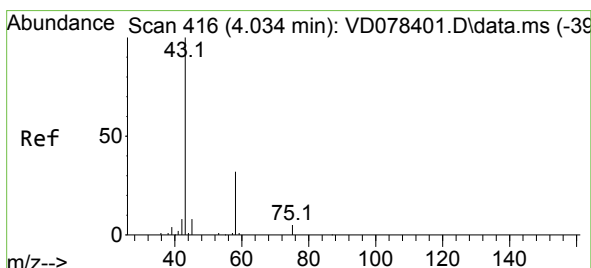
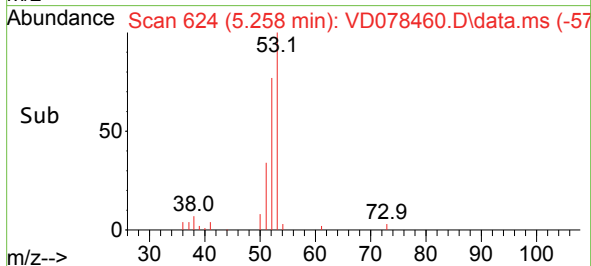
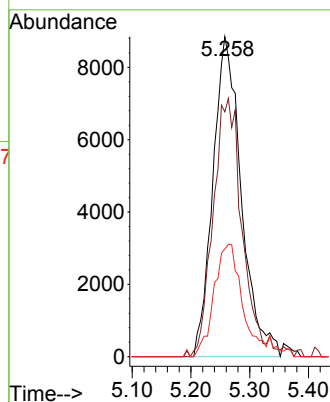
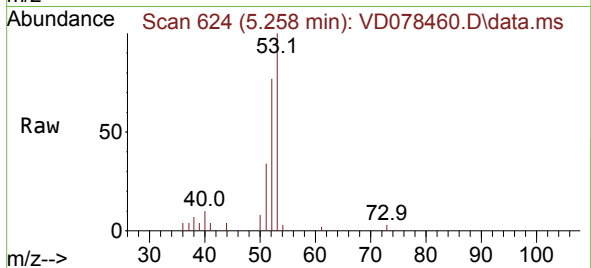




#15
Acrylonitrile
Concen: 97.552 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

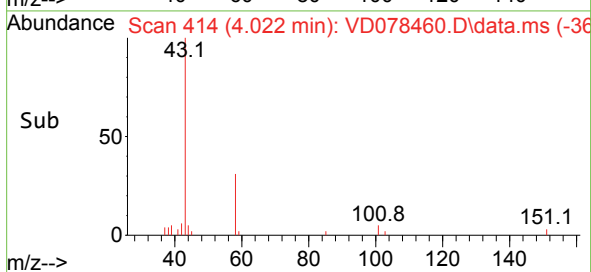
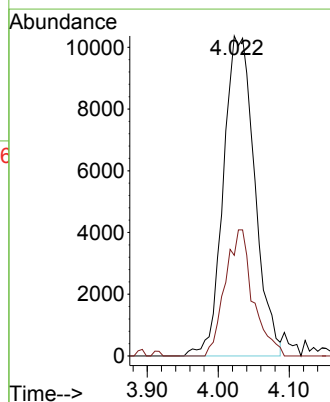
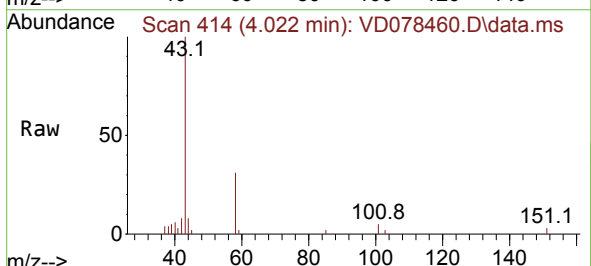
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

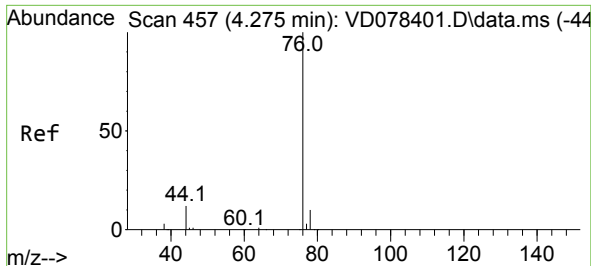
Tgt Ion:	53	Resp:	29735
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.0	97.4
51	34.7	28.3	42.5



#16
Acetone
Concen: 98.674 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

Tgt Ion:	43	Resp:	31724
Ion	Ratio	Lower	Upper
43	100		
58	31.4	34.7	52.1#

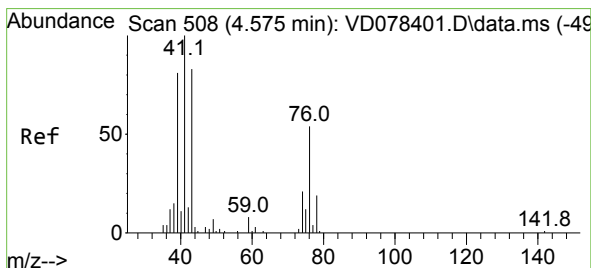
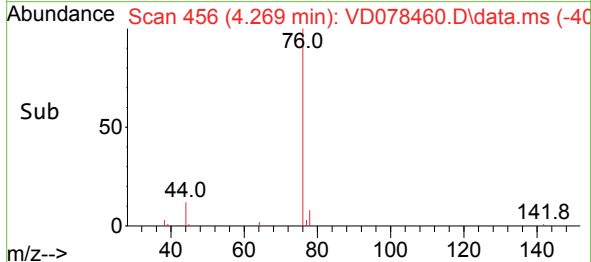
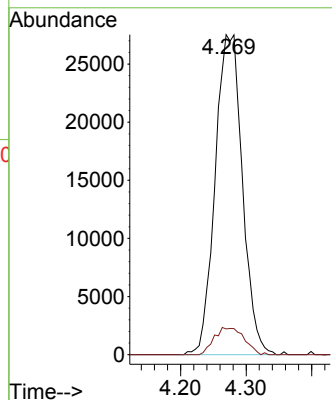
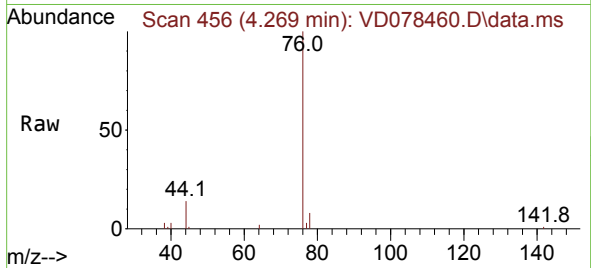




#17
Carbon Disulfide
Concen: 16.303 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

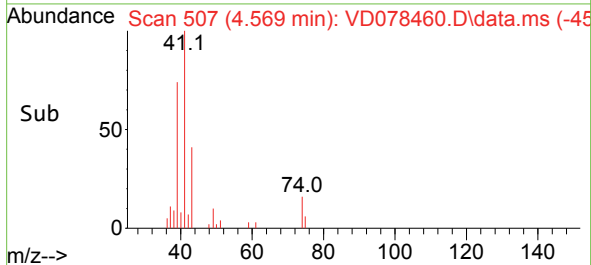
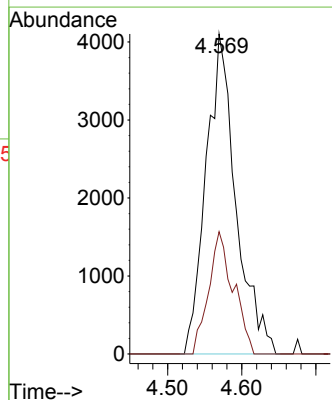
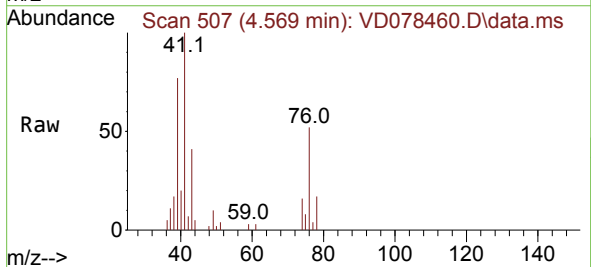
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

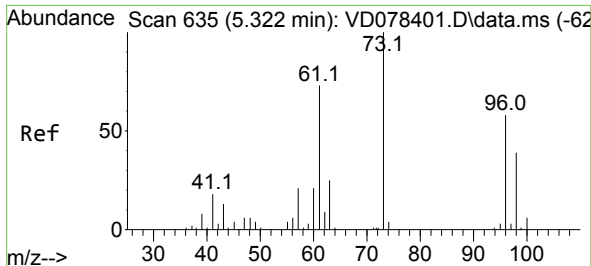
Tgt Ion: 76 Resp: 79315
Ion Ratio Lower Upper
76 100
78 8.0 6.8 10.2



#18
Methyl Acetate
Concen: 14.328 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

Tgt Ion: 43 Resp: 11494
Ion Ratio Lower Upper
43 100
74 31.5 26.4 39.6

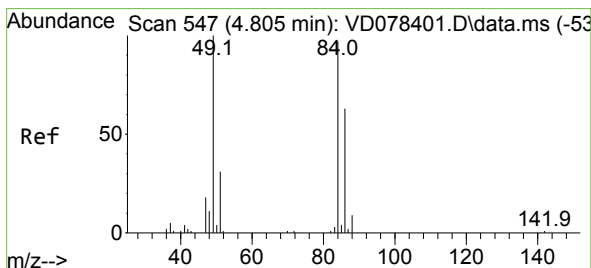
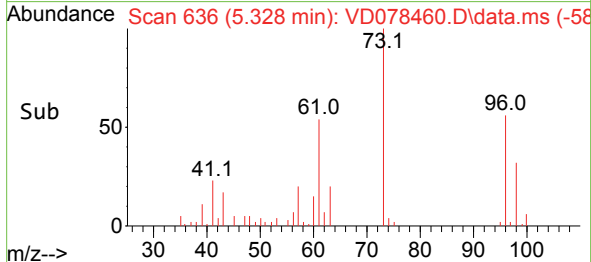
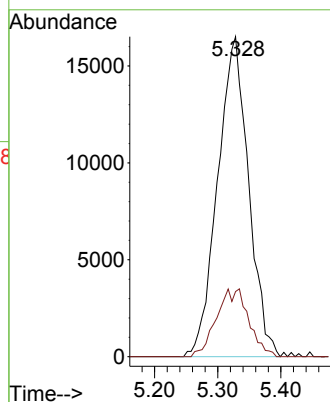
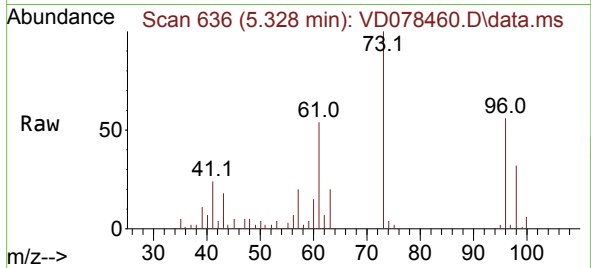




#19
Methyl tert-butyl Ether
Concen: 18.295 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

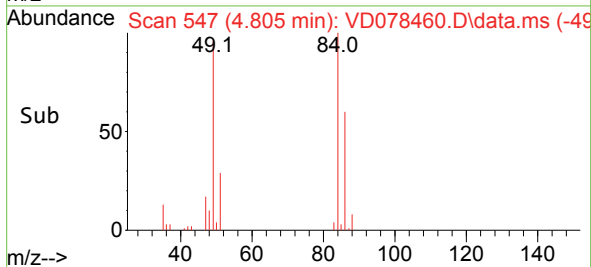
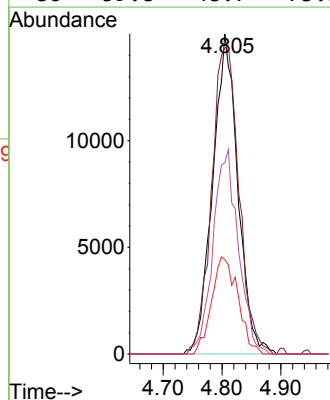
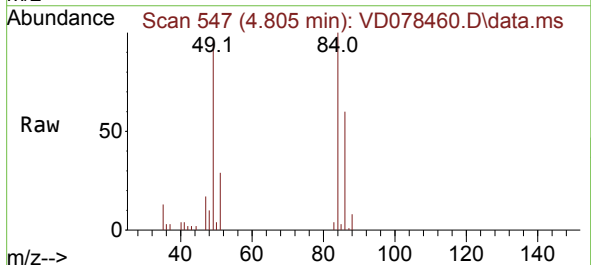
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

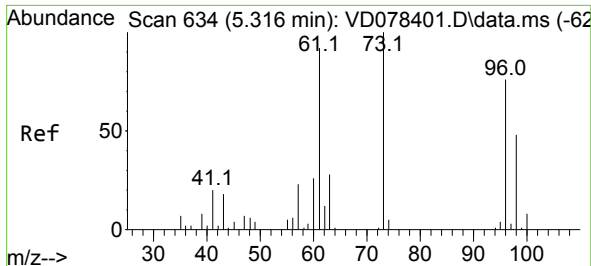
Tgt Ion: 73 Resp: 56201
Ion Ratio Lower Upper
73 100
57 20.4 16.6 25.0



#20
Methylene Chloride
Concen: 25.935 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

Tgt Ion: 84 Resp: 44548
Ion Ratio Lower Upper
84 100
49 95.6 71.4 107.2
51 29.5 24.5 36.7
86 59.8 48.7 73.1

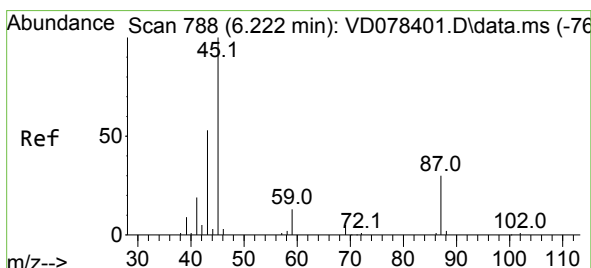
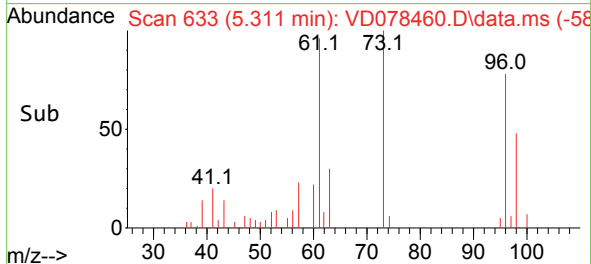
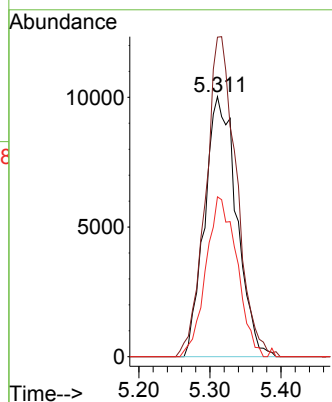
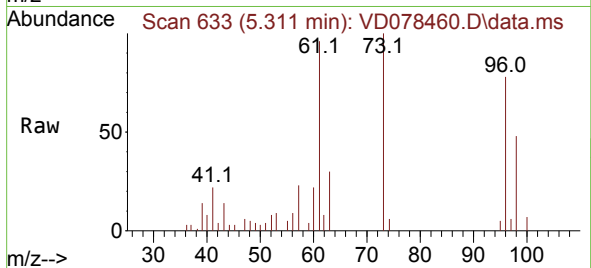




#21
trans-1,2-Dichloroethene
Concen: 18.437 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

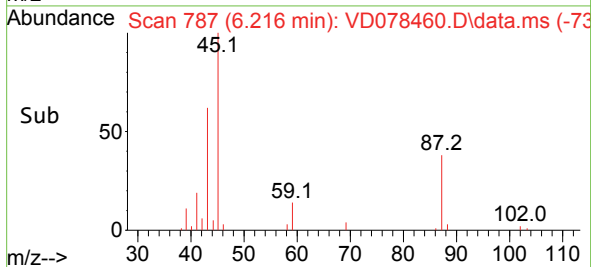
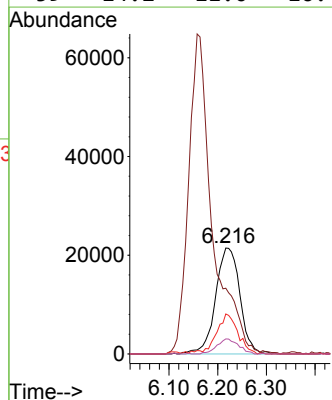
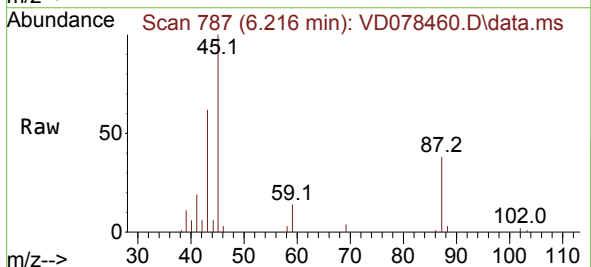
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

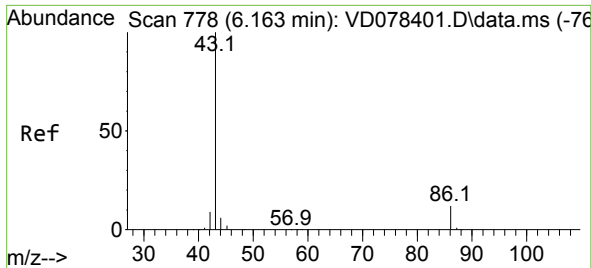
Tgt Ion: 96 Resp: 31360
Ion Ratio Lower Upper
96 100
61 122.9 89.3 133.9
98 61.5 48.6 73.0



#22
Diisopropyl ether
Concen: 18.972 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

Tgt Ion: 45 Resp: 74687
Ion Ratio Lower Upper
45 100
43 62.2 40.0 60.0#
87 37.8 28.2 42.4
59 14.2 11.0 16.4

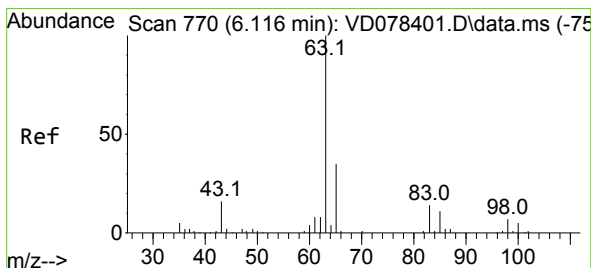
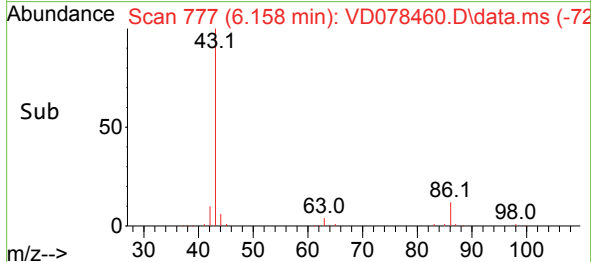
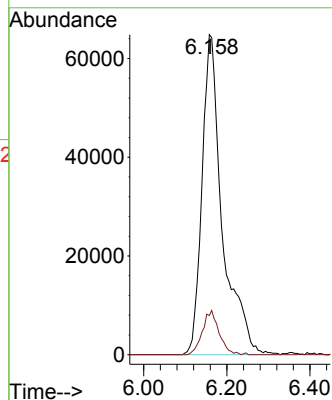
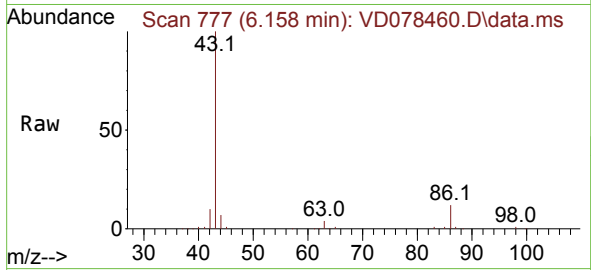




#23
 Vinyl Acetate
 Concen: 129.892 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.005 min
 Lab File: VD078460.D
 Acq: 19 Feb 2024 13:22

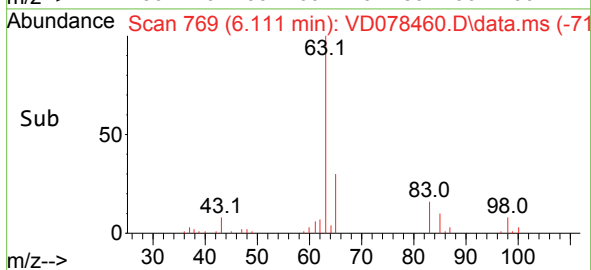
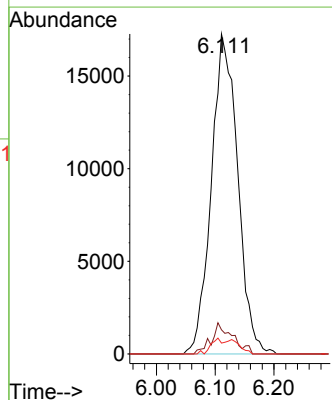
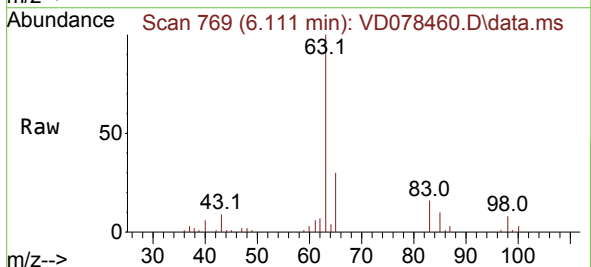
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0219SBS01

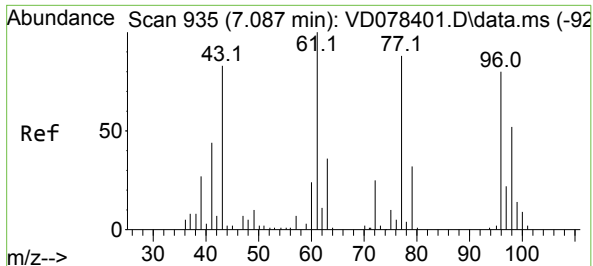
Tgt Ion: 43 Resp: 220446
 Ion Ratio Lower Upper
 43 100
 86 12.3 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 19.263 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078460.D
 Acq: 19 Feb 2024 13:22

Tgt Ion: 63 Resp: 53721
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.5 13.7
 100 3.4 2.5 7.5





#25

2-Butanone

Concen: 98.972 ug/l

RT: 7.087 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078460.D

Acq: 19 Feb 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

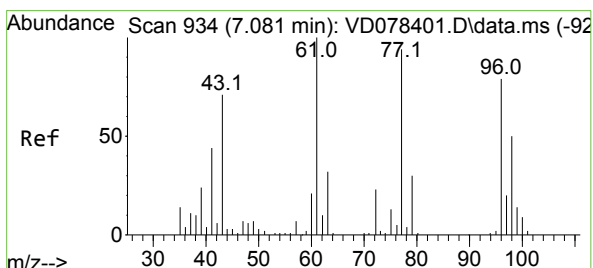
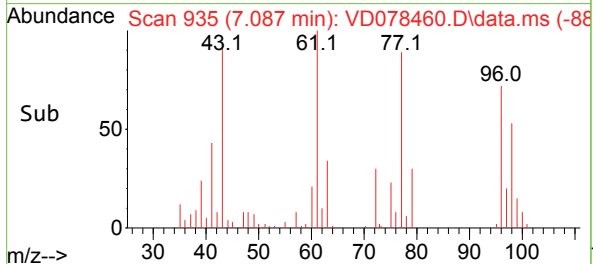
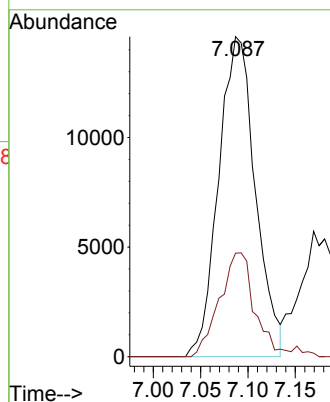
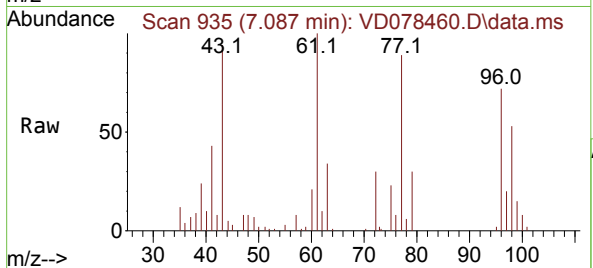
VD0219SBS01

Tgt Ion: 43 Resp: 39406

Ion Ratio Lower Upper

43 100

72 32.3 30.7 46.1



#26

2,2-Dichloropropane

Concen: 19.073 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD078460.D

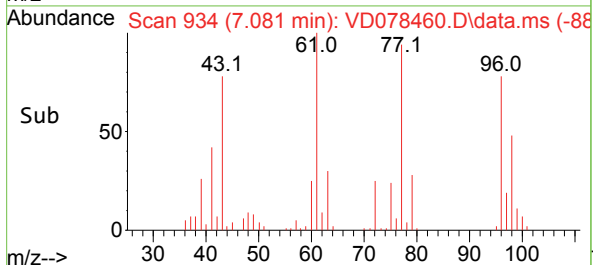
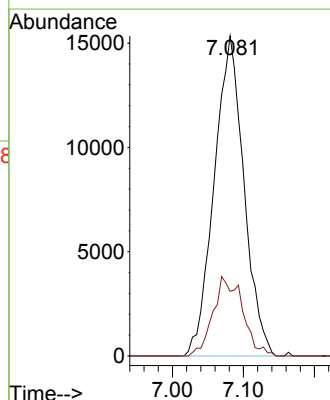
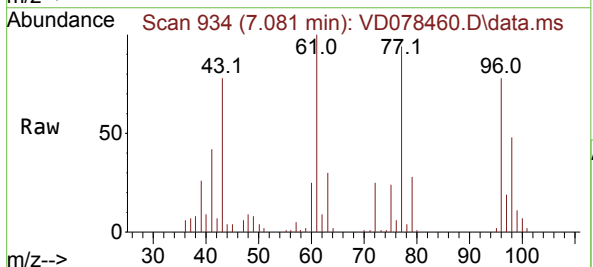
Acq: 19 Feb 2024 13:22

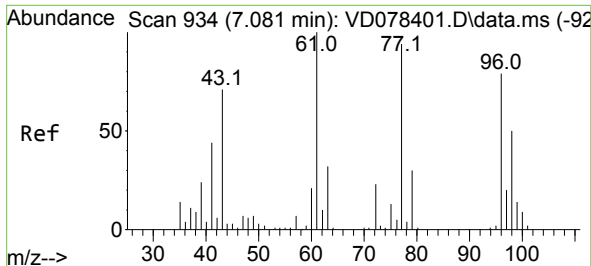
Tgt Ion: 77 Resp: 44591

Ion Ratio Lower Upper

77 100

97 24.7 13.2 39.6

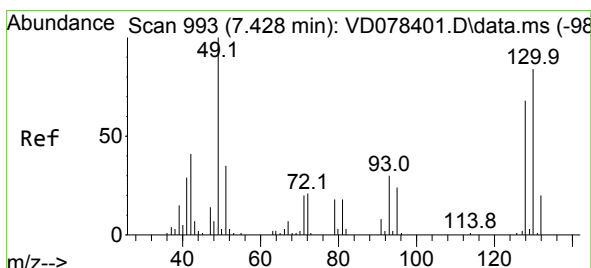
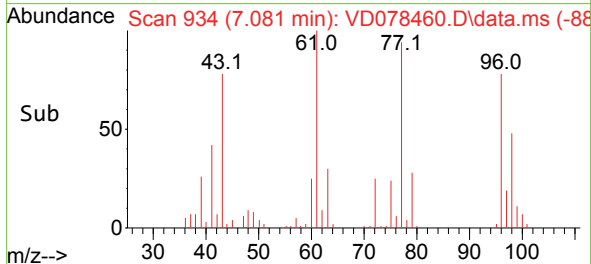
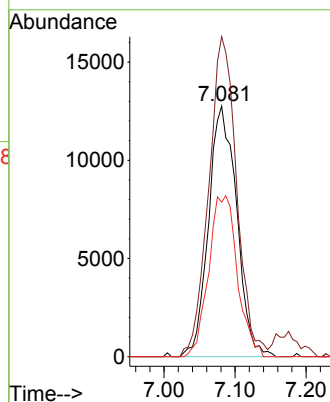
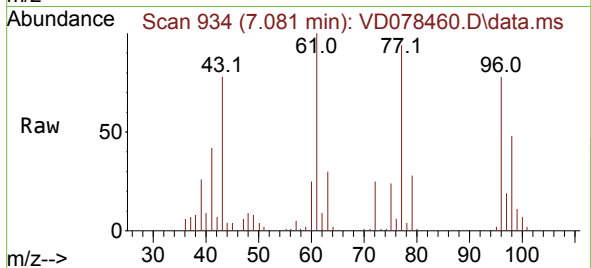




#27
 cis-1,2-Dichloroethene
 Concen: 18.751 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078460.D
 Acq: 19 Feb 2024 13:22

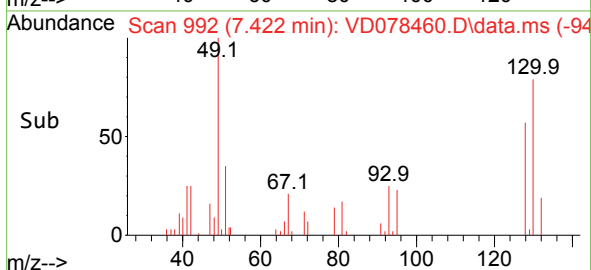
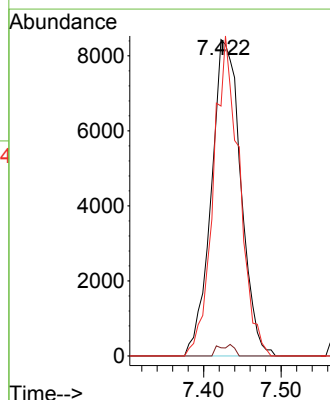
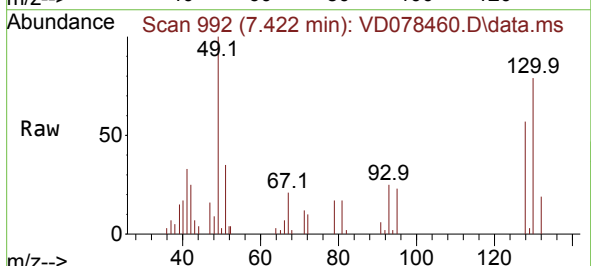
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0219SBS01

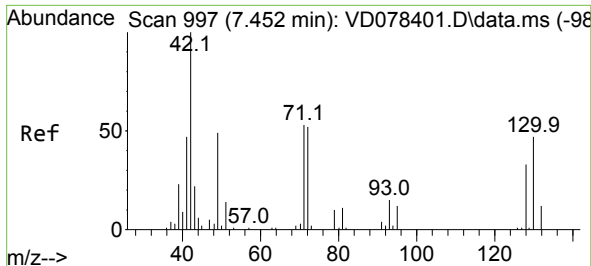
Tgt Ion: 96 Resp: 34992
 Ion Ratio Lower Upper
 96 100
 61 127.1 0.0 239.2
 98 65.7 0.0 128.6



#28
 Bromochloromethane
 Concen: 20.200 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD078460.D
 Acq: 19 Feb 2024 13:22

Tgt Ion: 49 Resp: 22313
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 6.0
 130 89.0 83.2 124.8





#29

Tetrahydrofuran

Concen: 100.972 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

Lab File: VD078460.D

Acq: 19 Feb 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

VD0219SBS01

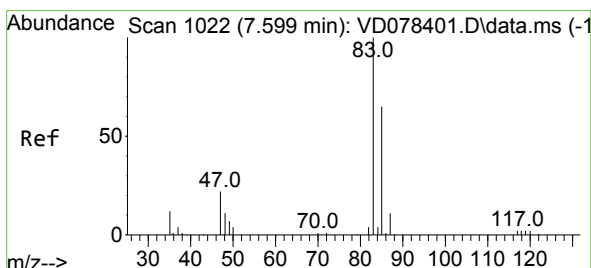
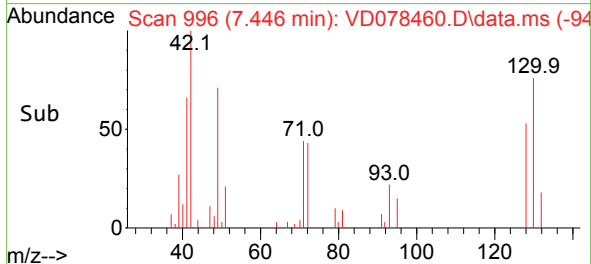
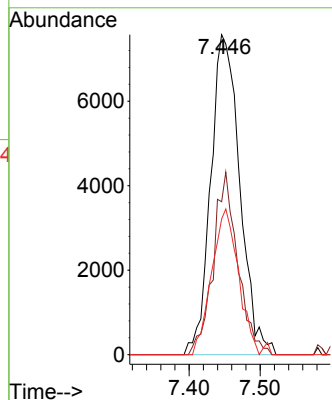
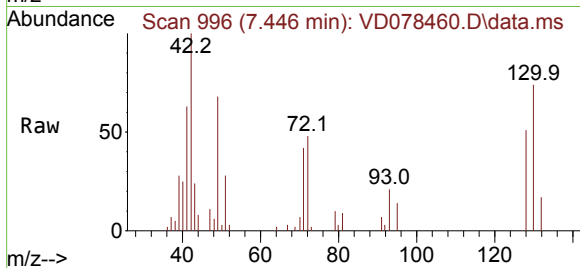
Tgt Ion: 42 Resp: 21534

Ion Ratio Lower Upper

42 100

72 48.2 46.5 69.7

71 41.8 44.5 66.7#



#30

Chloroform

Concen: 19.311 ug/l

RT: 7.605 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VD078460.D

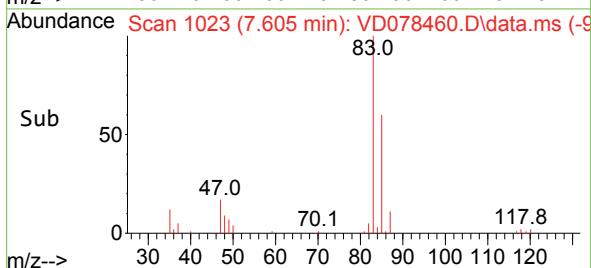
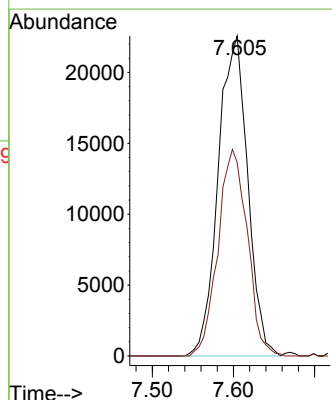
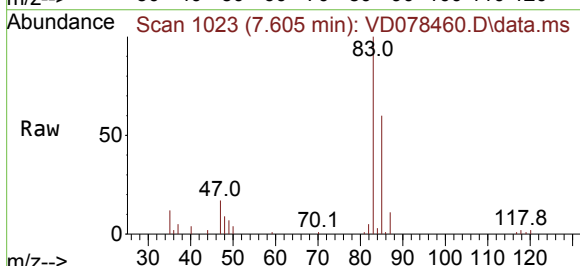
Acq: 19 Feb 2024 13:22

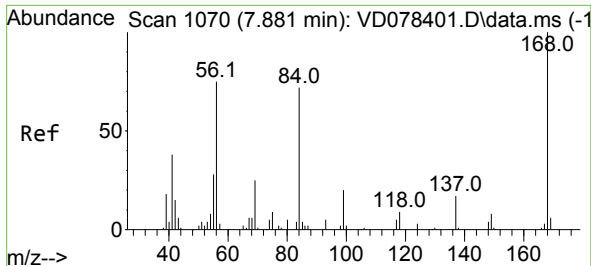
Tgt Ion: 83 Resp: 56981

Ion Ratio Lower Upper

83 100

85 60.5 53.4 80.2

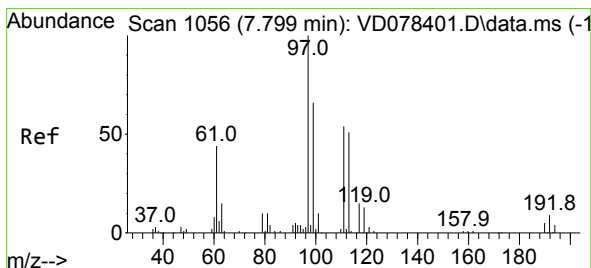
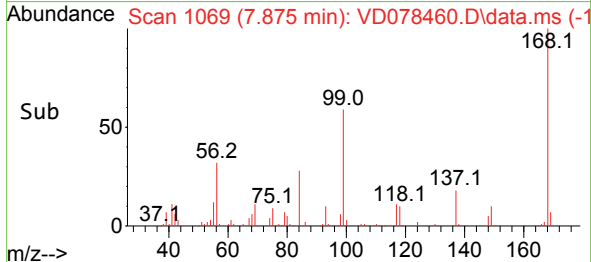
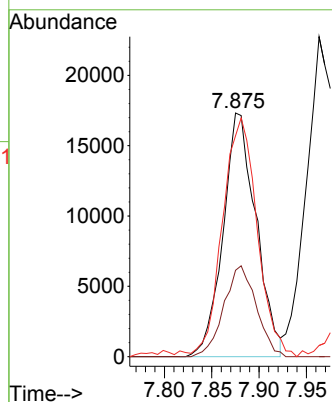
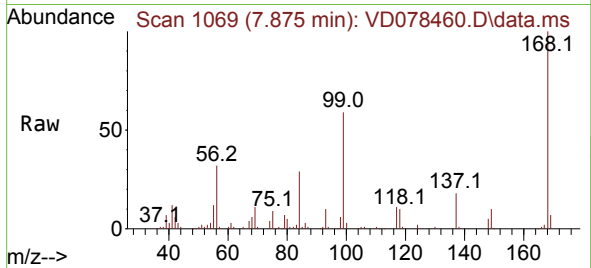




#31
Cyclohexane
Concen: 17.263 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

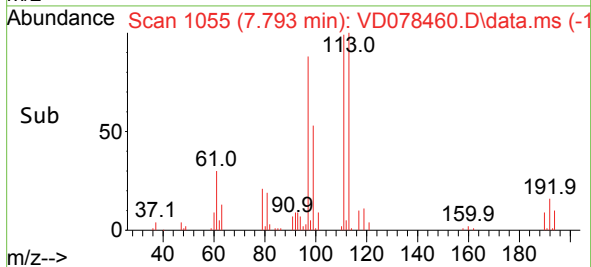
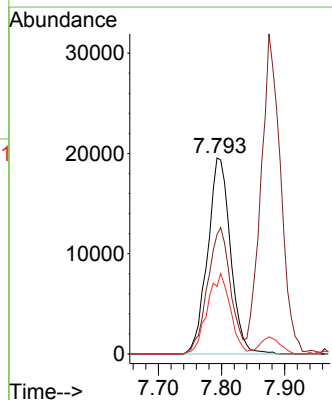
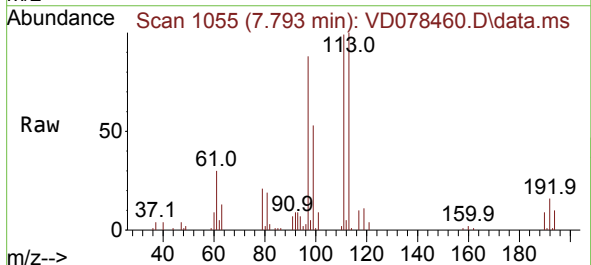
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

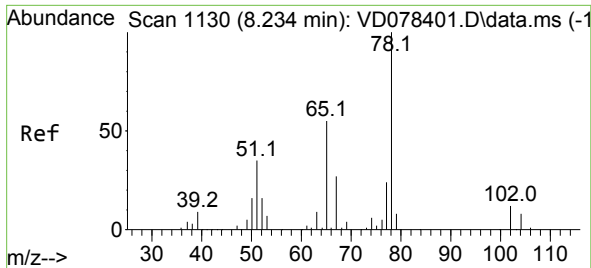
Tgt Ion: 56 Resp: 41878
Ion Ratio Lower Upper
56 100
69 35.5 28.6 43.0
84 88.3 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 19.557 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

Tgt Ion: 97 Resp: 49200
Ion Ratio Lower Upper
97 100
99 64.4 52.0 78.0
61 41.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 53.503 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078460.D

Acq: 19 Feb 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

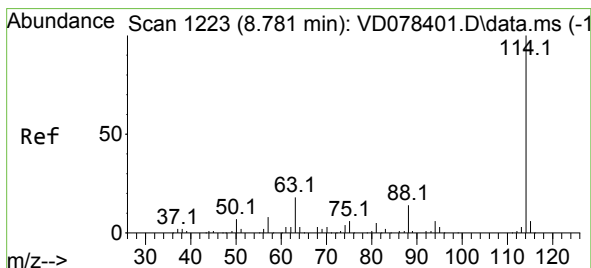
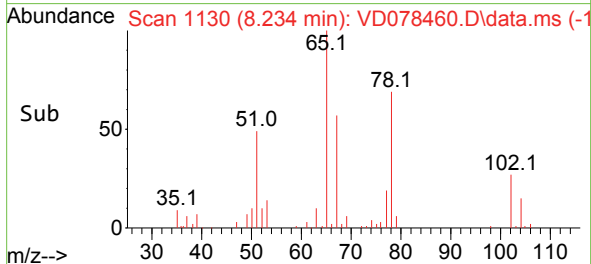
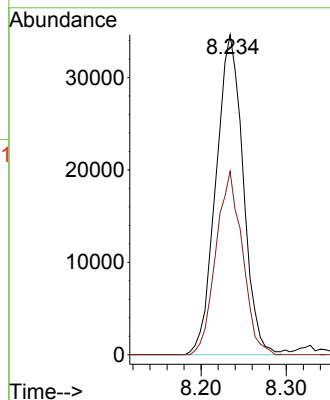
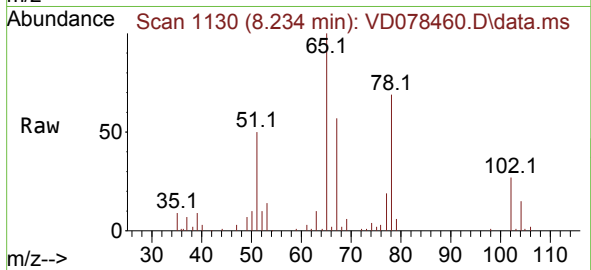
VD0219SBS01

Tgt Ion: 65 Resp: 76727

Ion Ratio Lower Upper

65 100

67 55.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078460.D

Acq: 19 Feb 2024 13:22

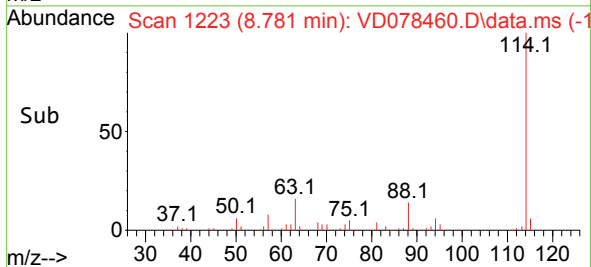
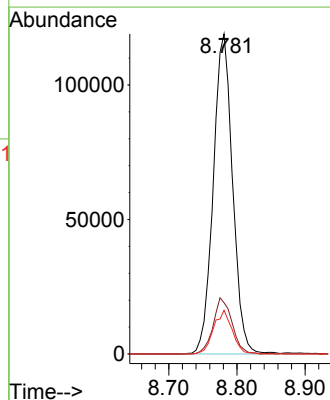
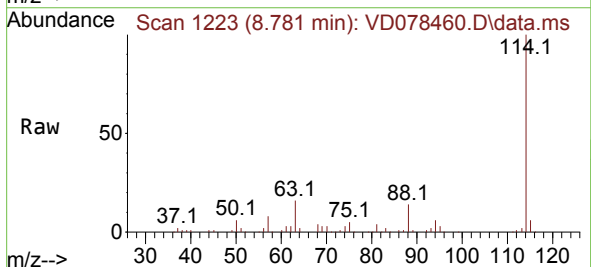
Tgt Ion:114 Resp: 235094

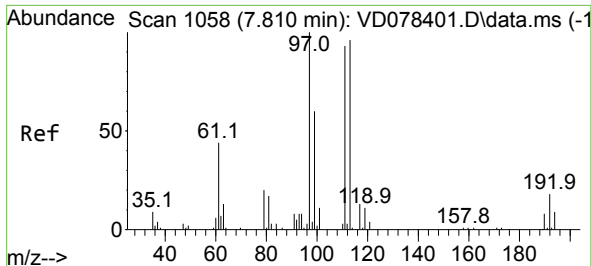
Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.4

88 13.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 57.080 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078460.D

Acq: 19 Feb 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

VD0219SBS01

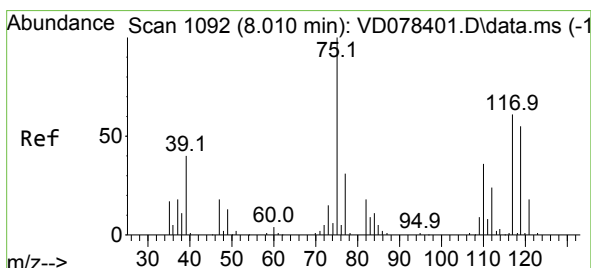
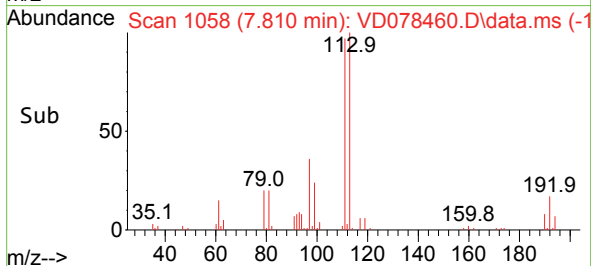
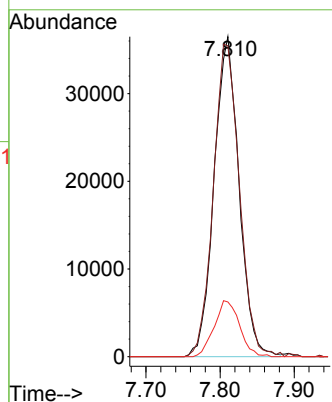
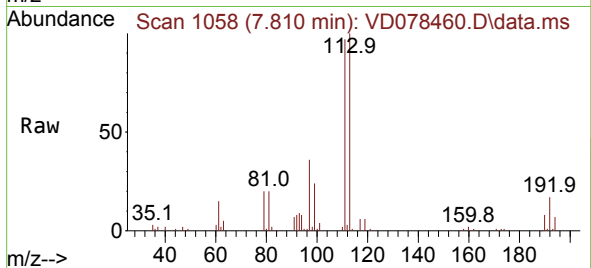
Tgt Ion:113 Resp: 85241

Ion Ratio Lower Upper

113 100

111 101.9 84.7 127.1

192 17.8 16.8 25.2



#36

1,1-Dichloropropene

Concen: 17.619 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD078460.D

Acq: 19 Feb 2024 13:22

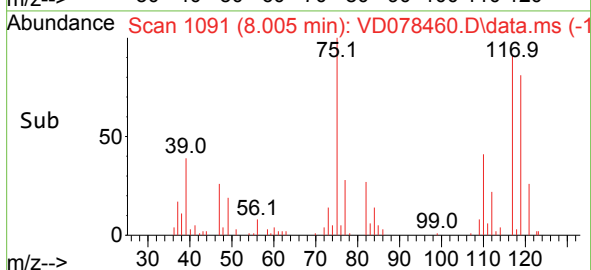
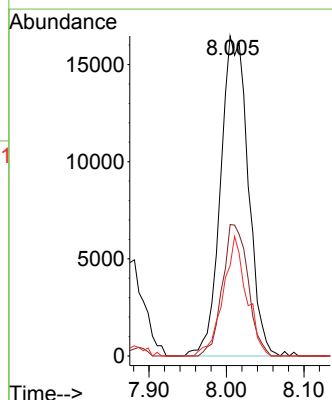
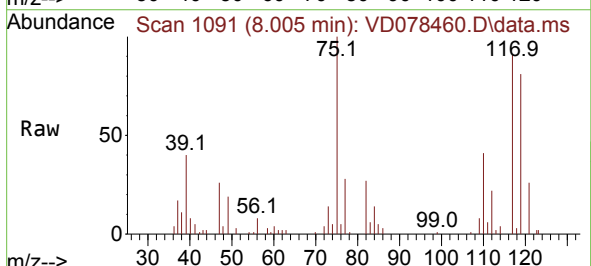
Tgt Ion: 75 Resp: 40875

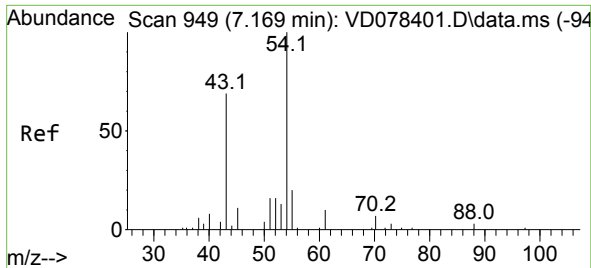
Ion Ratio Lower Upper

75 100

110 38.1 19.9 59.6

77 31.9 24.7 37.1

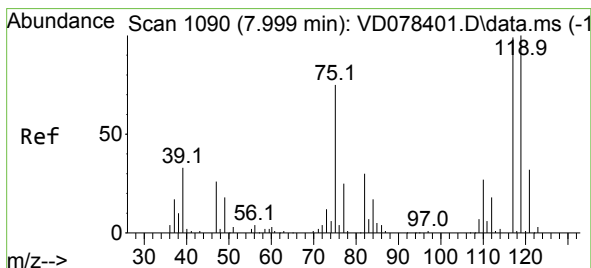
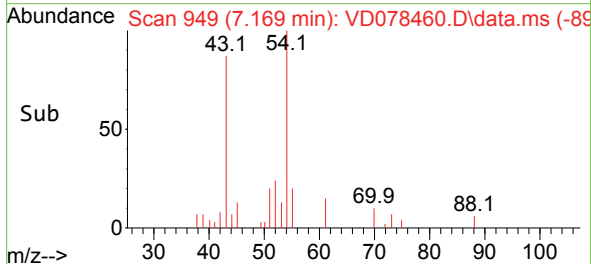
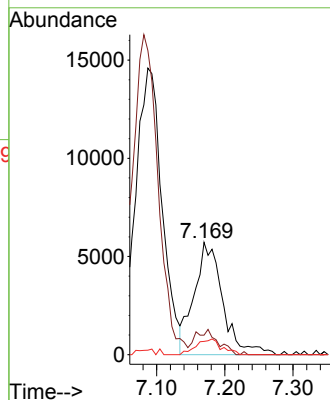
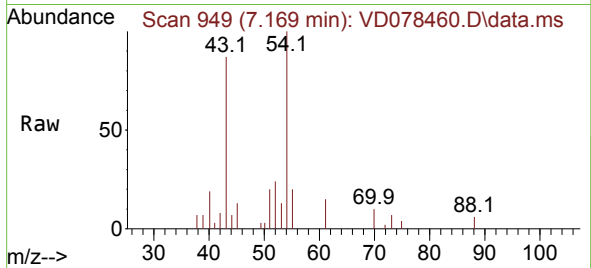




#37
Ethyl Acetate
Concen: 20.506 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

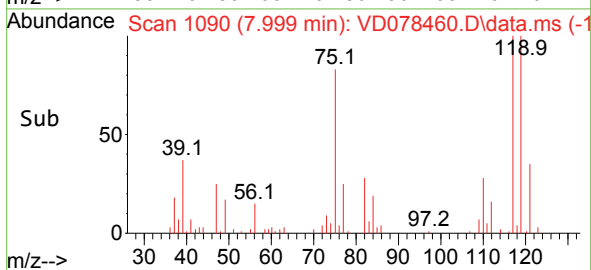
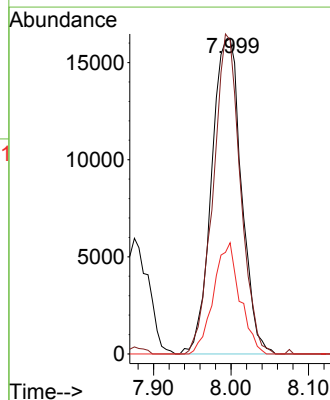
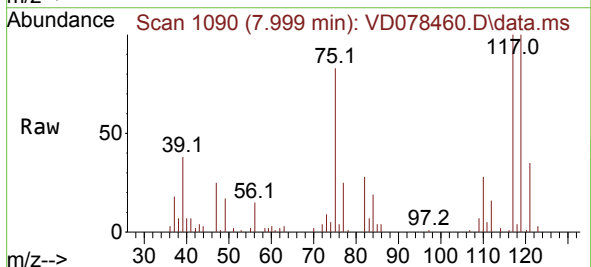
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

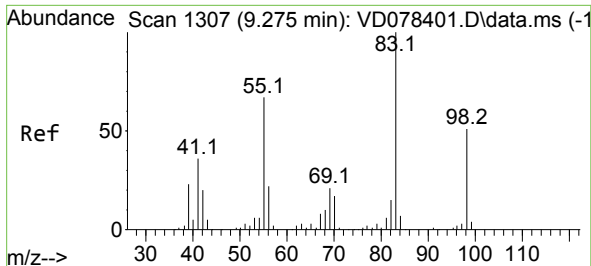
Tgt Ion: 43	Resp:	16676
Ion Ratio	Lower	Upper
43	100	
61	17.5	14.9 22.3
70	12.3	10.0 15.0



#38
Carbon Tetrachloride
Concen: 18.913 ug/l
RT: 7.999 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

Tgt Ion: 117	Resp:	43453
Ion Ratio	Lower	Upper
117	100	
119	99.6	78.0 117.0
121	35.3	24.2 36.2

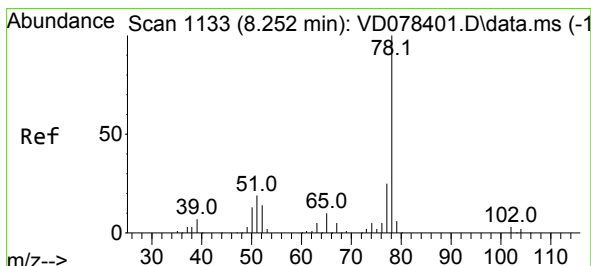
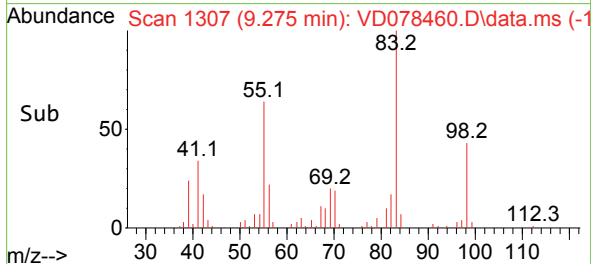
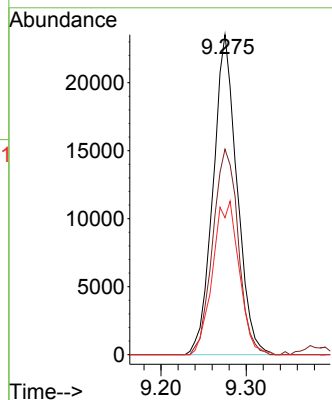
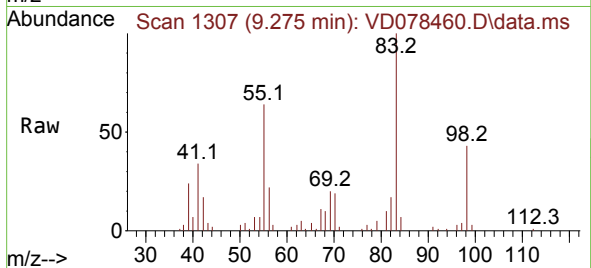




#39
Methylcyclohexane
Concen: 16.642 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

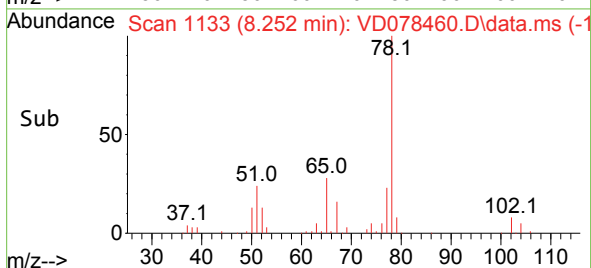
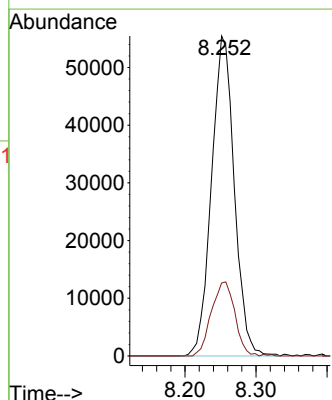
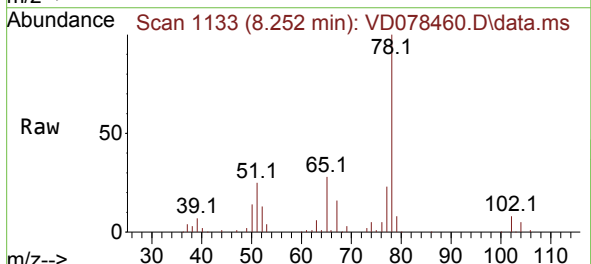
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

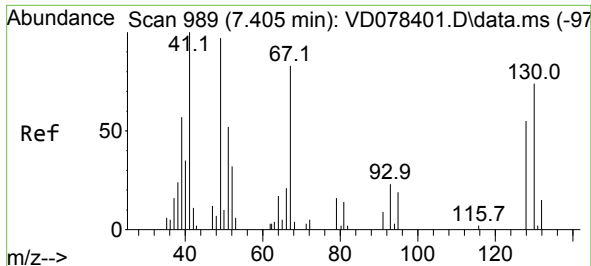
Tgt Ion: 83 Resp: 45834
Ion Ratio Lower Upper
83 100
55 64.2 49.4 74.0
98 42.8 38.4 57.6



#40
Benzene
Concen: 18.408 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

Tgt Ion: 78 Resp: 123433
Ion Ratio Lower Upper
78 100
77 22.8 19.4 29.0

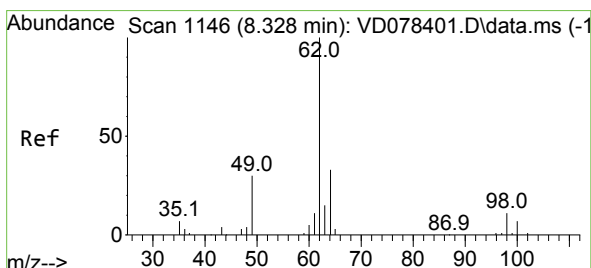
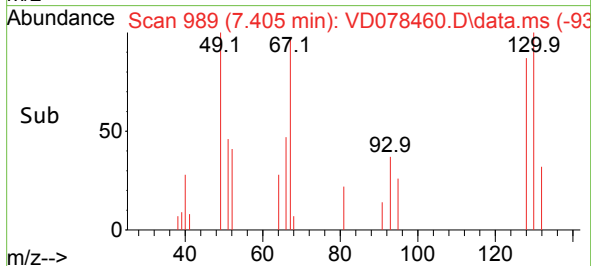
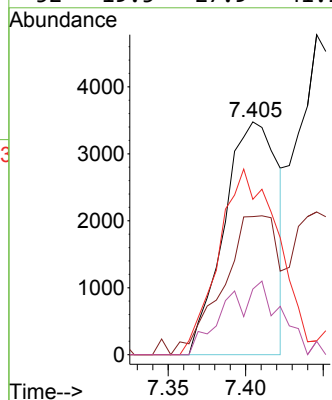
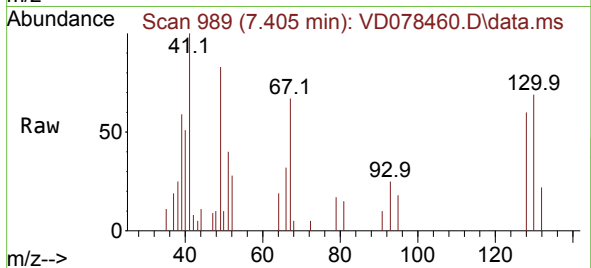




#41
Methacrylonitrile
Concen: 19.691 ug/l
RT: 7.405 min Scan# 989
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

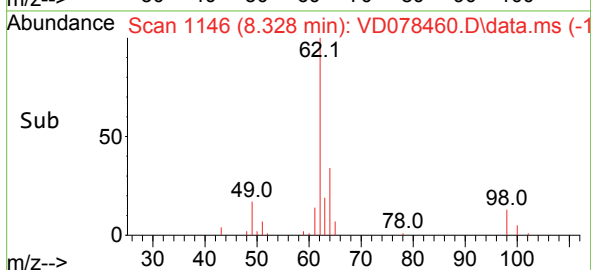
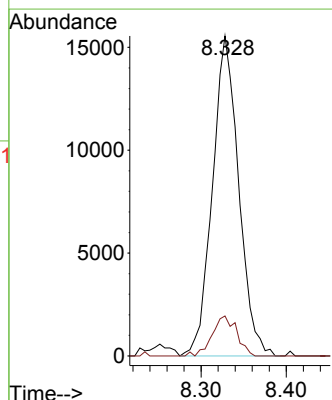
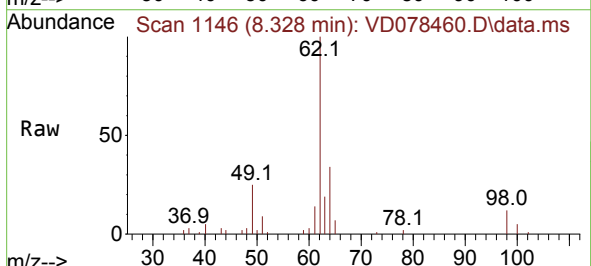
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

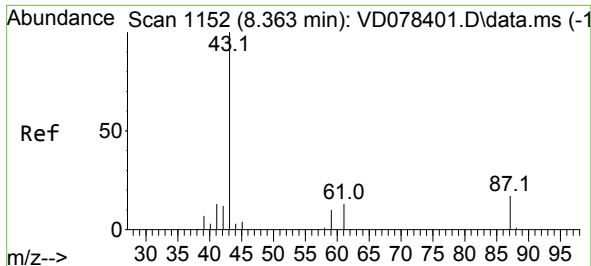
Tgt Ion: 41 Resp: 8334
Ion Ratio Lower Upper
41 100
39 60.5 34.0 51.0#
67 91.1 77.0 115.4
52 19.5 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 19.181 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

Tgt Ion: 62 Resp: 33280
Ion Ratio Lower Upper
62 100
98 11.7 0.0 25.4

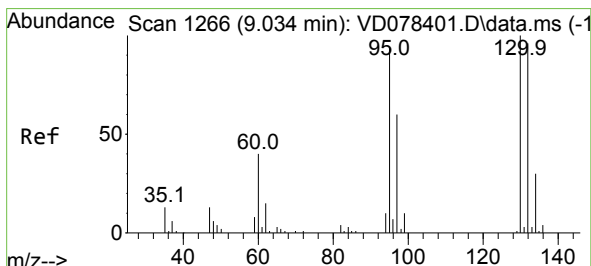
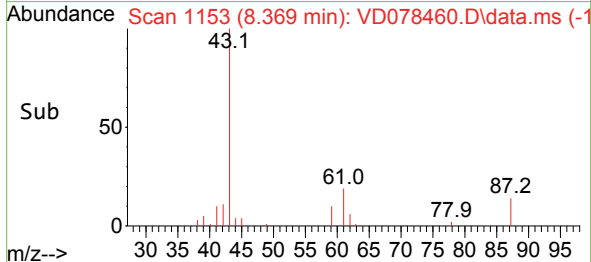
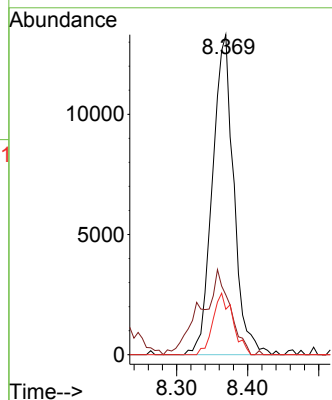
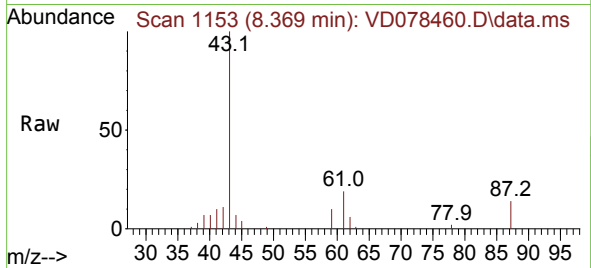




#43
Isopropyl Acetate
Concen: 18.403 ug/l
RT: 8.369 min Scan# 1153
Delta R.T. 0.006 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

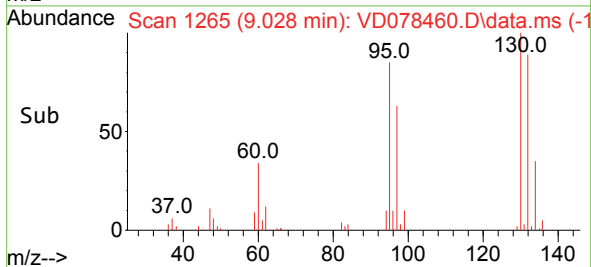
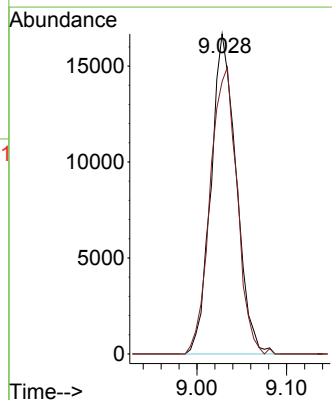
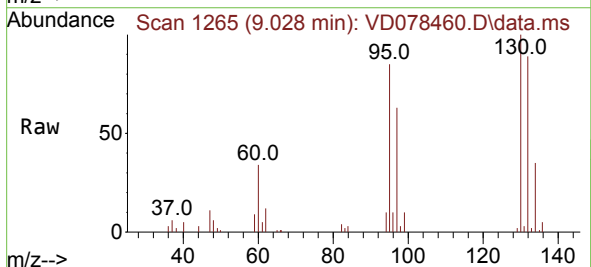
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

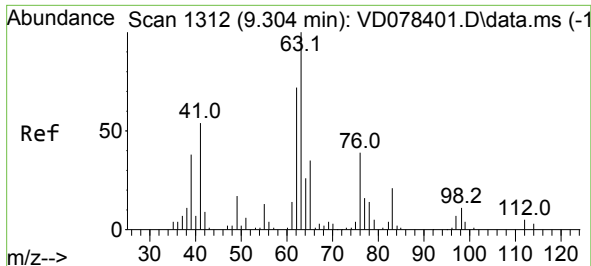
Tgt Ion: 43	Resp: 27713
Ion Ratio	Lower Upper
43 100	
61 36.7	31.4 47.0
87 17.9	14.9 22.3



#44
Trichloroethene
Concen: 19.071 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

Tgt Ion:130	Resp:	32624	
Ion	Ratio	Lower	Upper
130	100		
95	85.2	0.0	179.2





#45

1,2-Dichloropropane

Concen: 18.686 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078460.D

Acq: 19 Feb 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

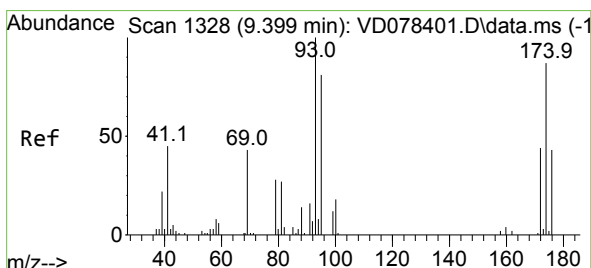
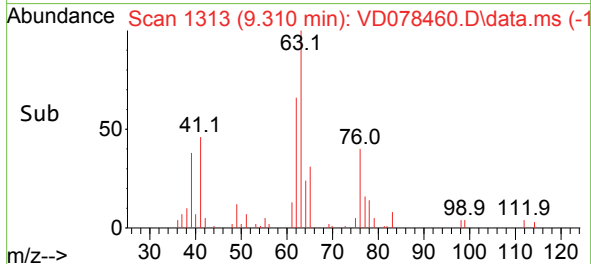
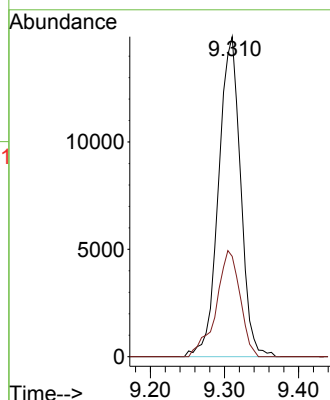
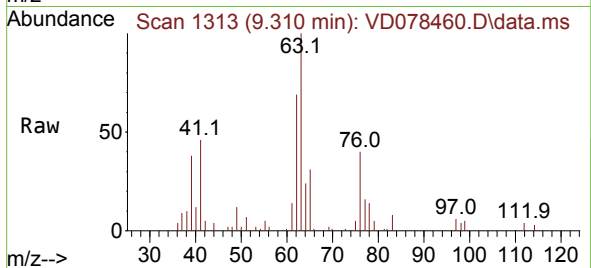
VD0219SBS01

Tgt Ion: 63 Resp: 30743

Ion Ratio Lower Upper

63 100

65 31.4 24.5 36.7



#46

Dibromomethane

Concen: 18.322 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD078460.D

Acq: 19 Feb 2024 13:22

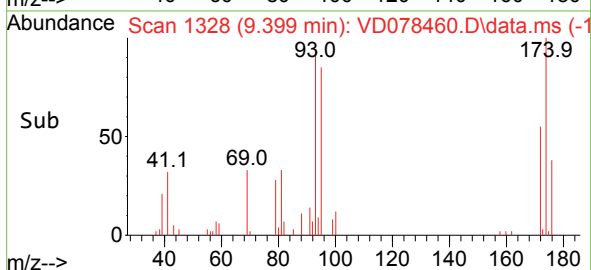
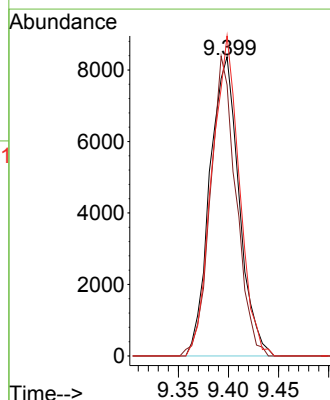
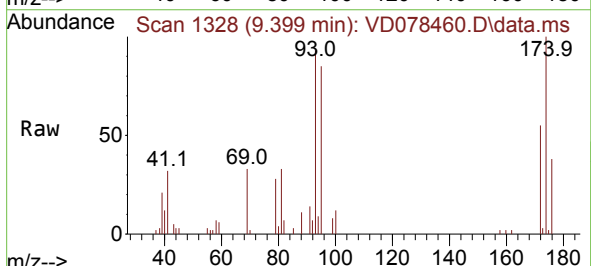
Tgt Ion: 93 Resp: 16955

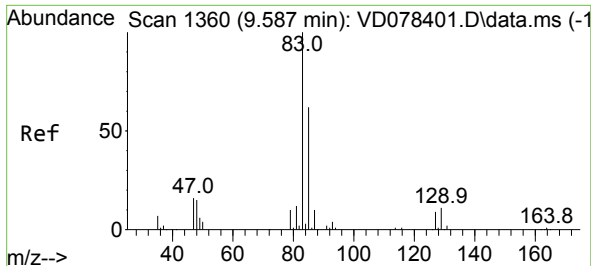
Ion Ratio Lower Upper

93 100

95 87.9 67.7 101.5

174 100.5 85.4 128.2

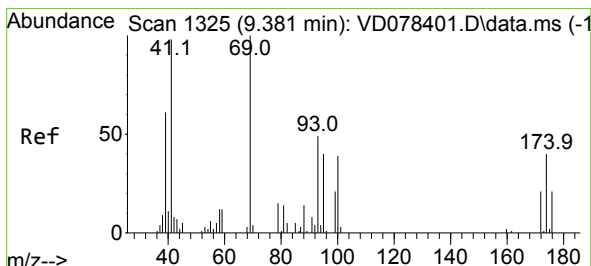
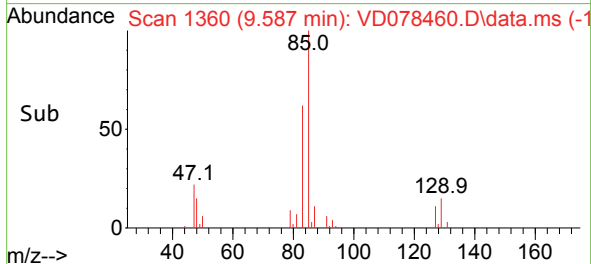
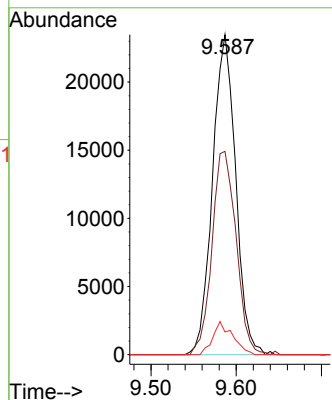
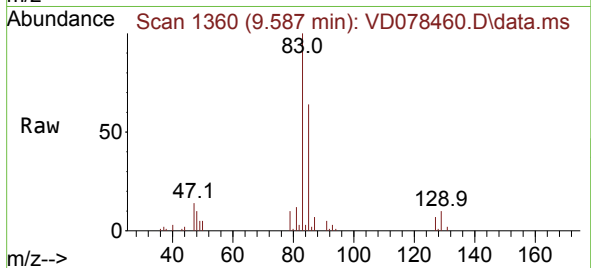




#47
Bromodichloromethane
Concen: 19.333 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

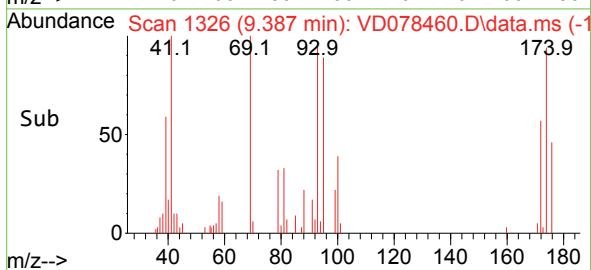
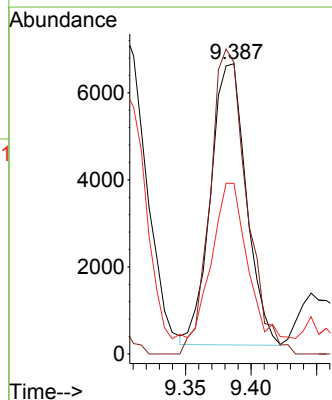
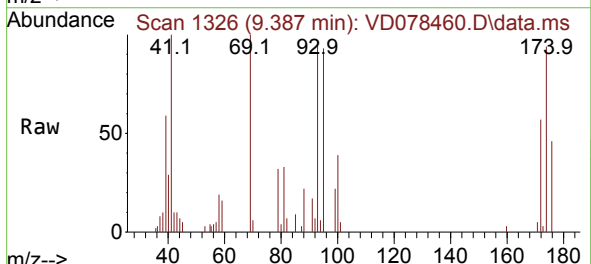
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

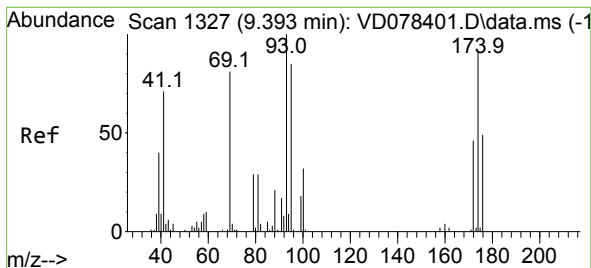
Tgt Ion:	83	Resp:	44313
Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.2	75.4
127	7.1	6.3	9.5



#48
Methyl methacrylate
Concen: 15.297 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

Tgt Ion:	41	Resp:	12221
Ion	Ratio	Lower	Upper
41	100		
69	111.0	102.2	153.2
39	56.6	41.4	62.2





#49

1,4-Dioxane

Concen: 381.374 ug/l

RT: 9.393 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078460.D

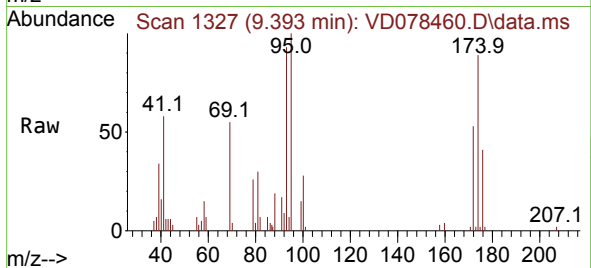
Acq: 19 Feb 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

VD0219SBS01



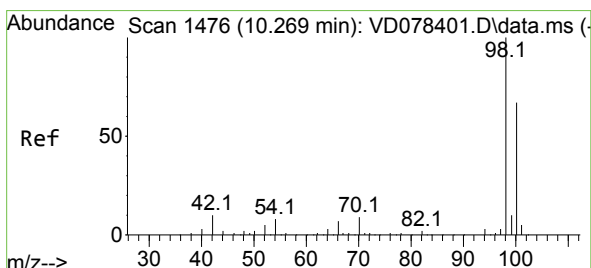
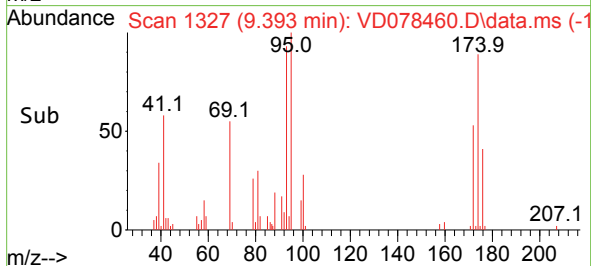
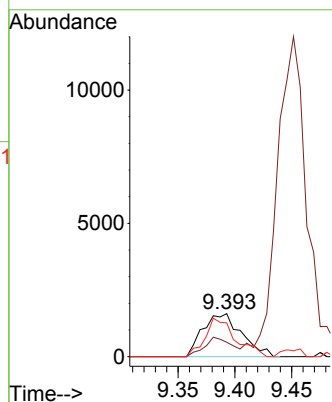
Tgt Ion: 88 Resp: 3822

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

88	100		
----	-----	--	--

43	31.8	19.0	28.6#
----	------	------	-------

58	70.3	43.5	65.3#
----	------	------	-------



#50

Toluene-d8

Concen: 54.648 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078460.D

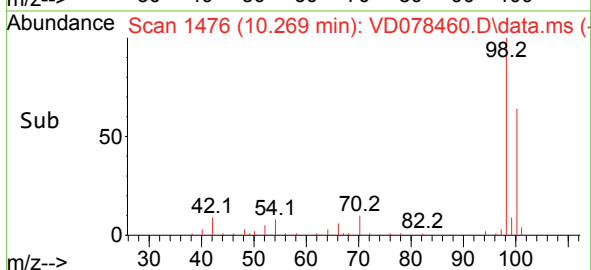
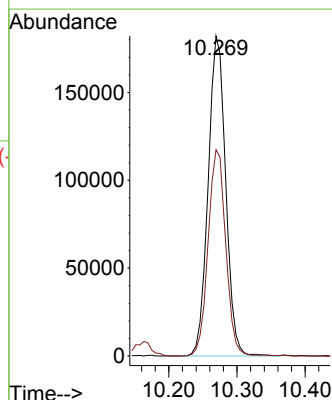
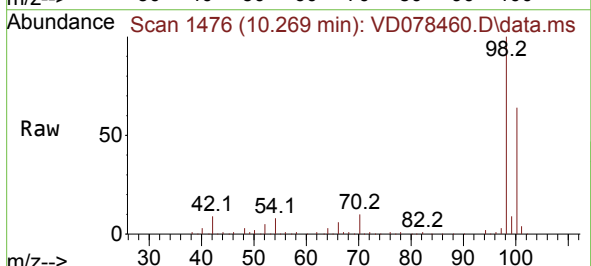
Acq: 19 Feb 2024 13:22

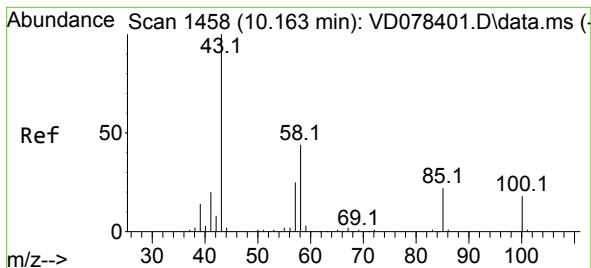
Tgt Ion: 98 Resp: 326459

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

98	100		
----	-----	--	--

100	64.8	50.3	75.5
-----	------	------	------

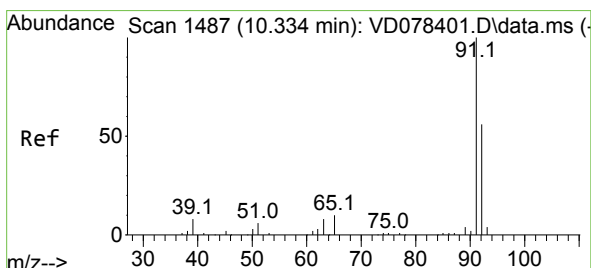
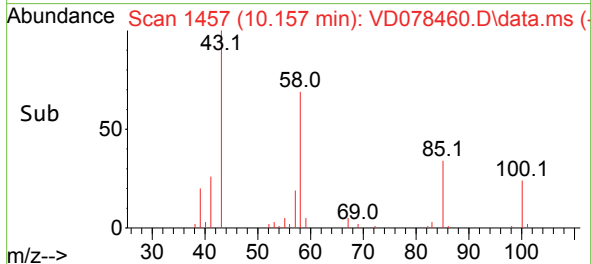
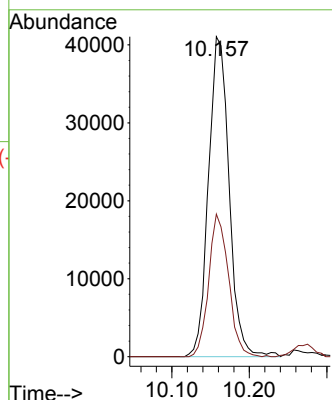
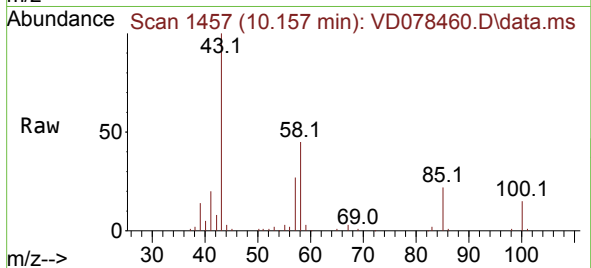




#51
4-Methyl-2-Pentanone
Concen: 95.003 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

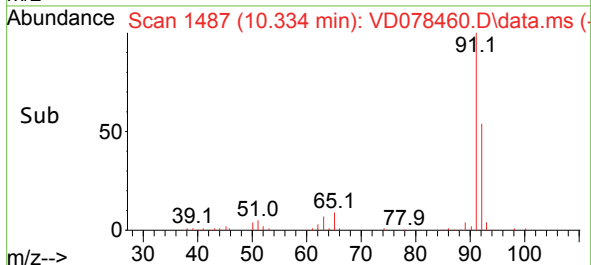
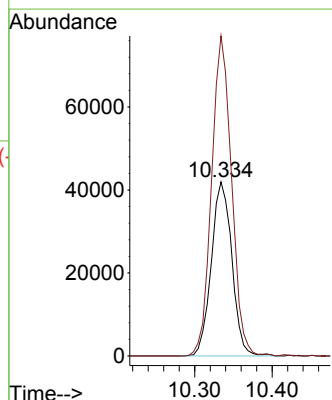
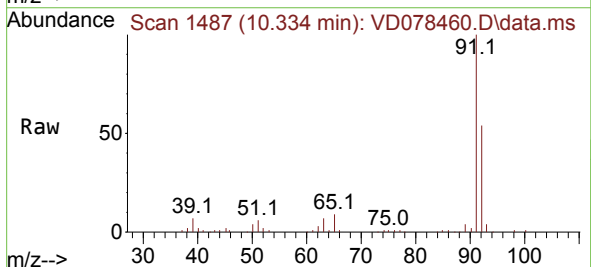
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

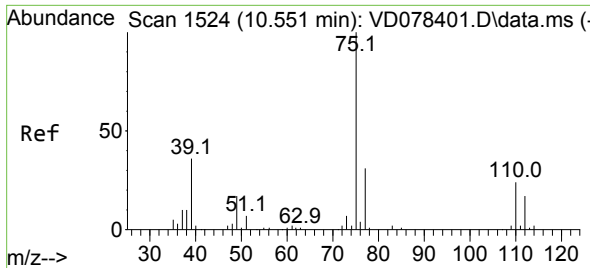
Tgt Ion: 43 Resp: 75932
Ion Ratio Lower Upper
43 100
58 42.9 38.9 58.3



#52
Toluene
Concen: 18.223 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

Tgt Ion: 92 Resp: 77276
Ion Ratio Lower Upper
92 100
91 178.7 143.0 214.4

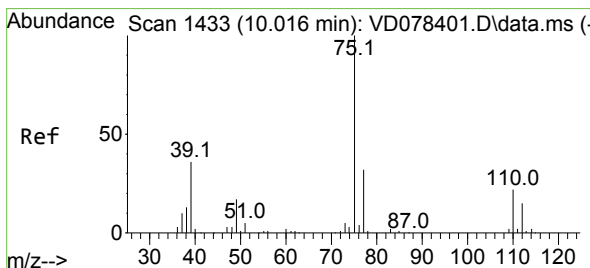
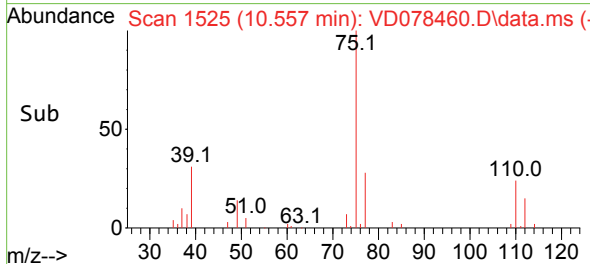
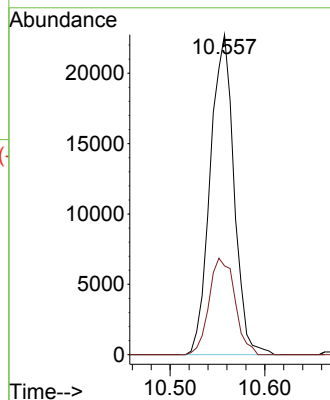
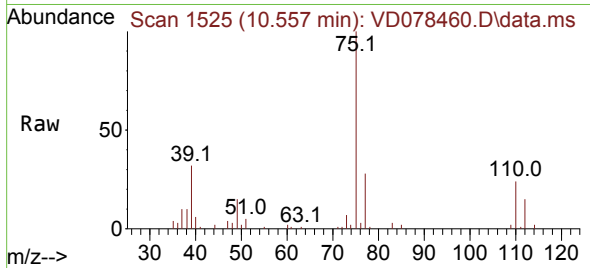




#53
 t-1,3-Dichloropropene
 Concen: 18.946 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD078460.D
 Acq: 19 Feb 2024 13:22

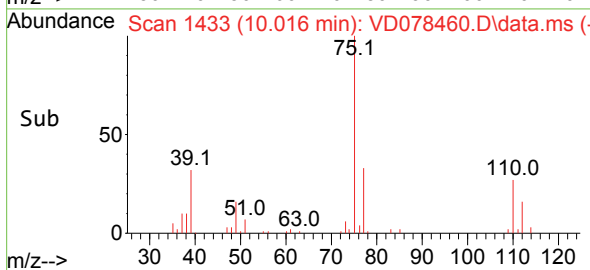
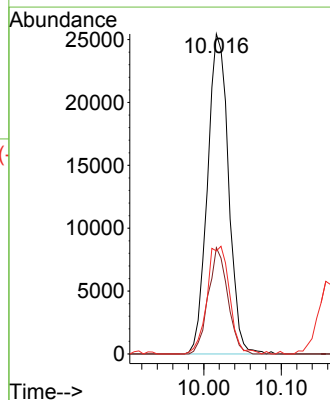
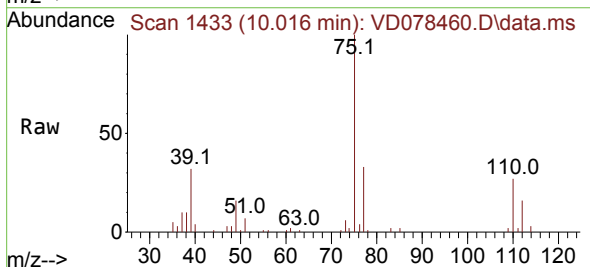
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0219SBS01

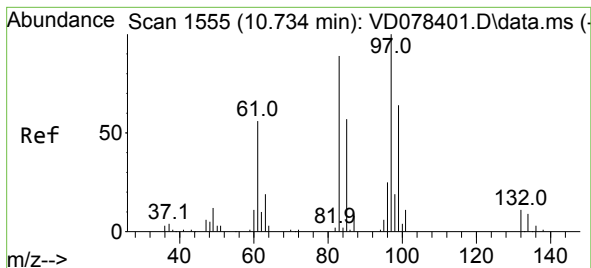
Tgt Ion: 75 Resp: 39625
 Ion Ratio Lower Upper
 75 100
 77 27.7 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 18.916 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078460.D
 Acq: 19 Feb 2024 13:22

Tgt Ion: 75 Resp: 47971
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.5 38.3
 39 32.2 22.1 33.1





#55

1,1,2-Trichloroethane

Concen: 19.871 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078460.D

Acq: 19 Feb 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

VD0219SBS01

Tgt Ion: 97 Resp: 24764

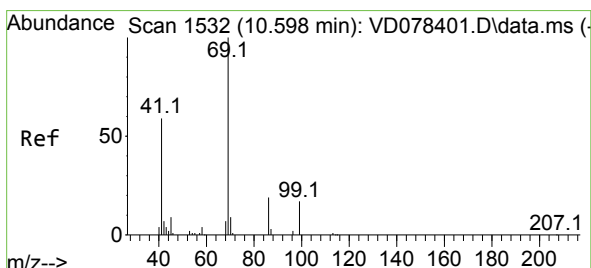
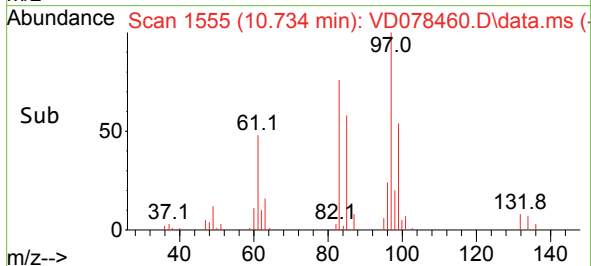
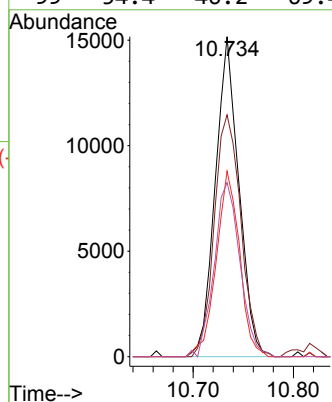
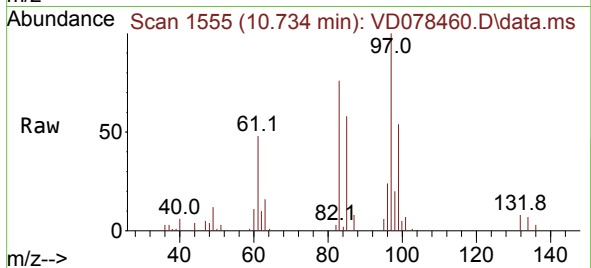
Ion Ratio Lower Upper

97 100

83 75.5 65.8 98.6

85 58.0 45.7 68.5

99 54.4 46.2 69.4



#56

Ethyl methacrylate

Concen: 21.842 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078460.D

Acq: 19 Feb 2024 13:22

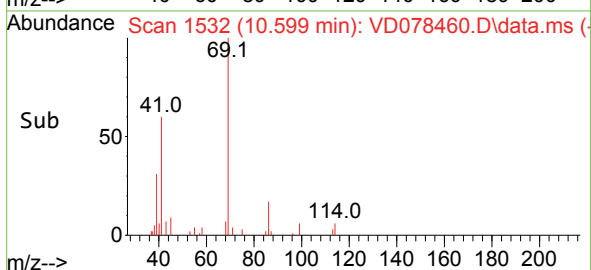
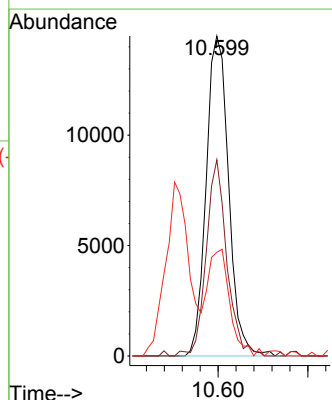
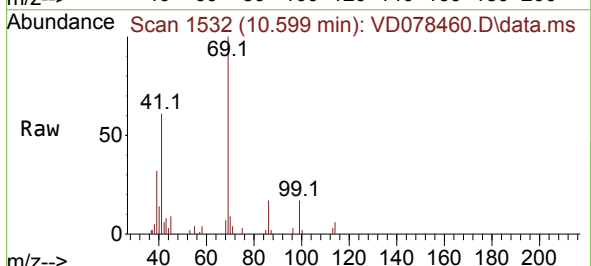
Tgt Ion: 69 Resp: 25175

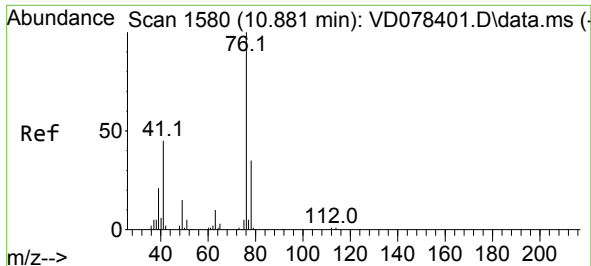
Ion Ratio Lower Upper

69 100

41 56.5 39.1 58.7

39 33.0 20.0 30.0#

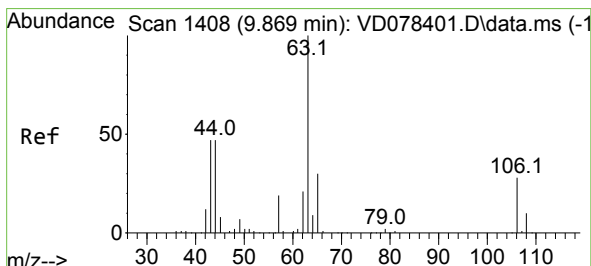
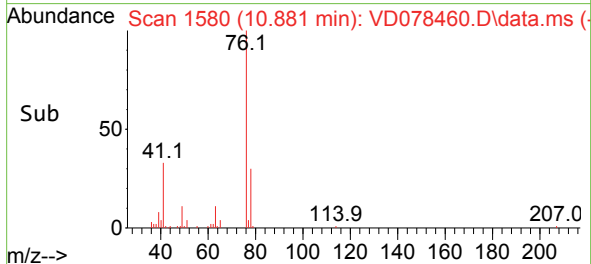
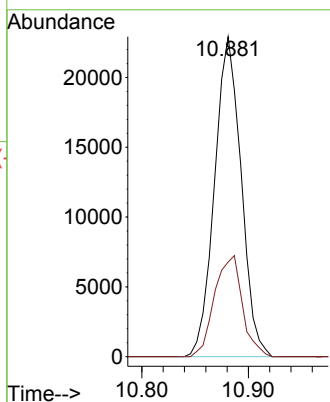
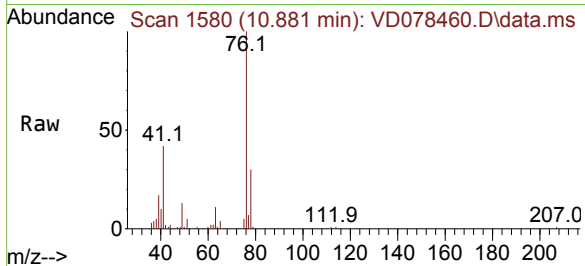




#57
1,3-Dichloropropane
Concen: 18.717 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

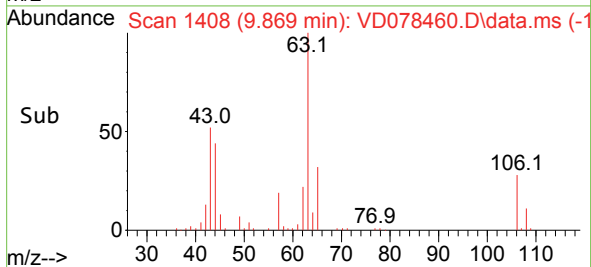
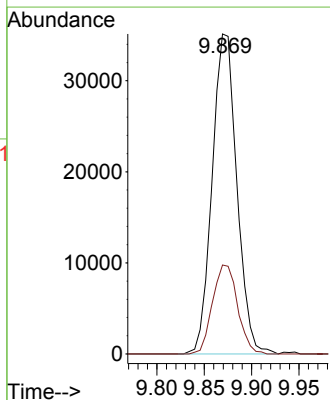
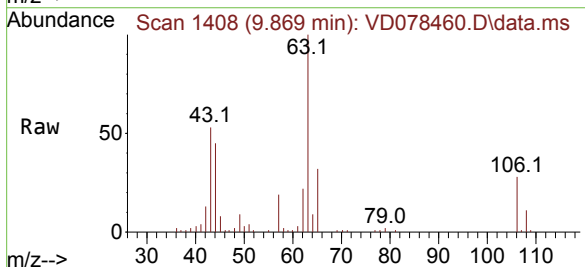
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

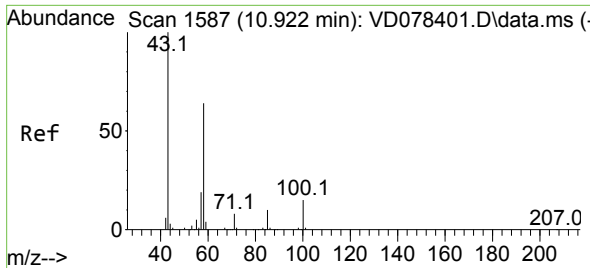
Tgt Ion: 76 Resp: 39678
Ion Ratio Lower Upper
76 100
78 33.0 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 93.766 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

Tgt Ion: 63 Resp: 63659
Ion Ratio Lower Upper
63 100
106 28.2 25.3 37.9

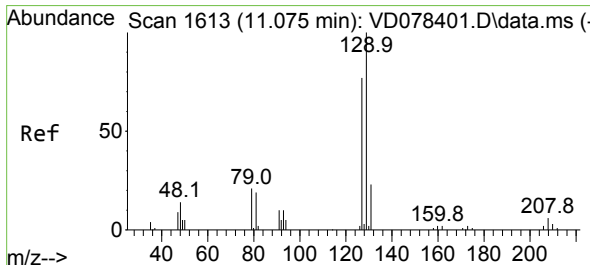
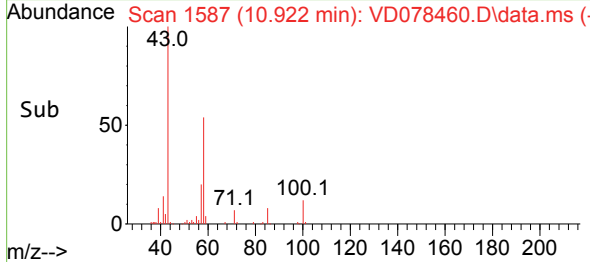
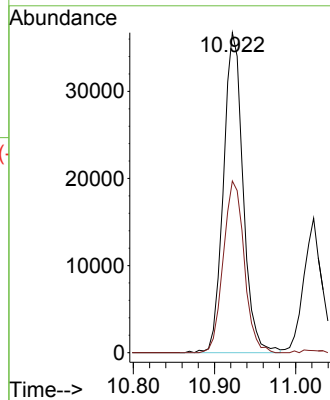
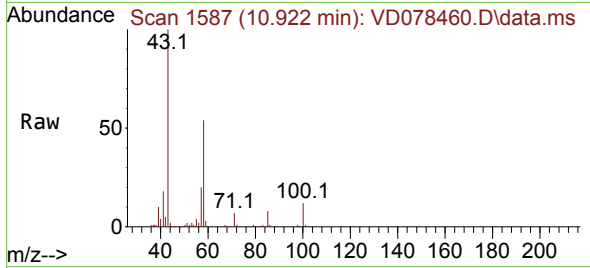




#59
2-Hexanone
Concen: 102.799 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

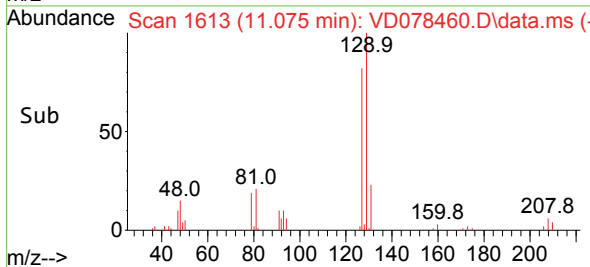
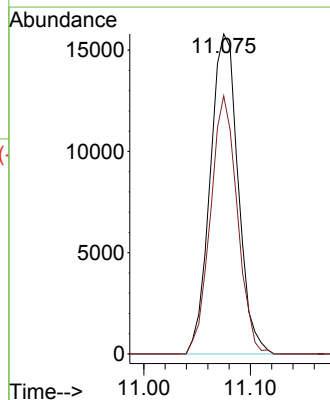
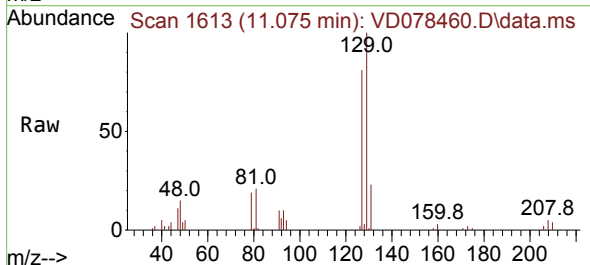
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

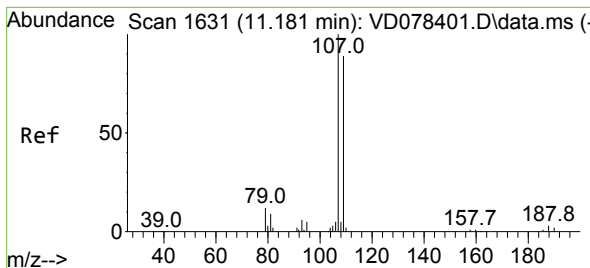
Tgt Ion: 43 Resp: 61746
Ion Ratio Lower Upper
43 100
58 57.1 34.1 102.2



#60
Dibromochloromethane
Concen: 19.192 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

Tgt Ion: 129 Resp: 28777
Ion Ratio Lower Upper
129 100
127 77.5 37.1 111.5

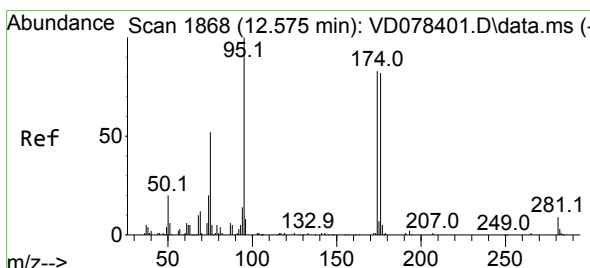
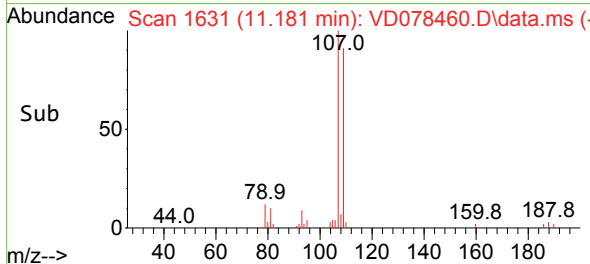
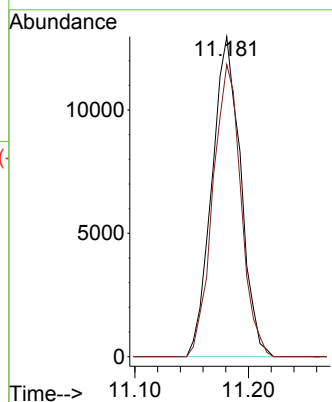
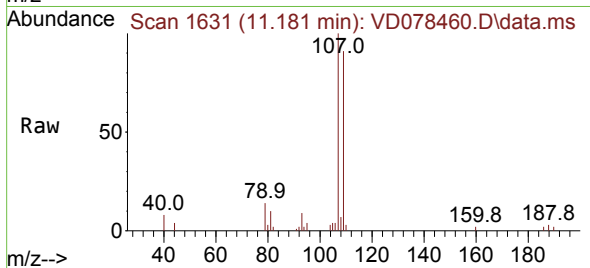




#61
1,2-Dibromoethane
Concen: 19.463 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

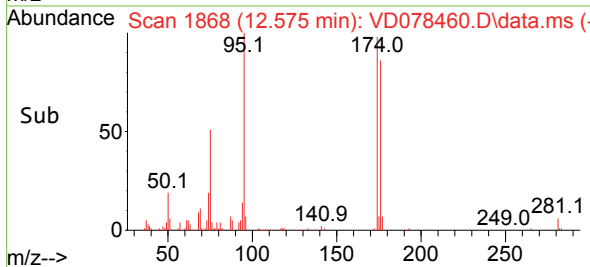
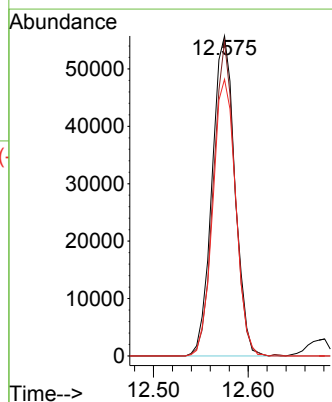
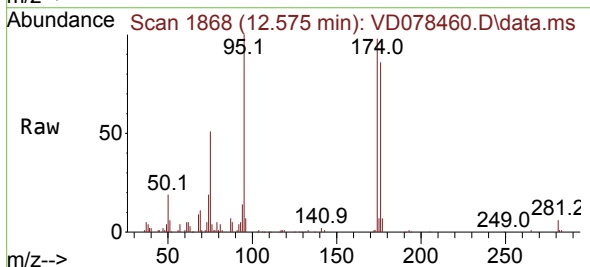
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

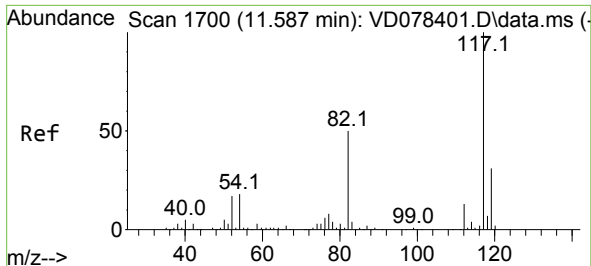
Tgt Ion:107 Resp: 22771
Ion Ratio Lower Upper
107 100
109 89.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.670 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

Tgt Ion: 95 Resp: 93301
Ion Ratio Lower Upper
95 100
174 91.9 0.0 201.8
176 86.7 0.0 191.8

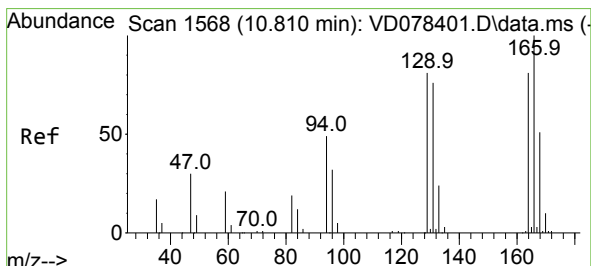
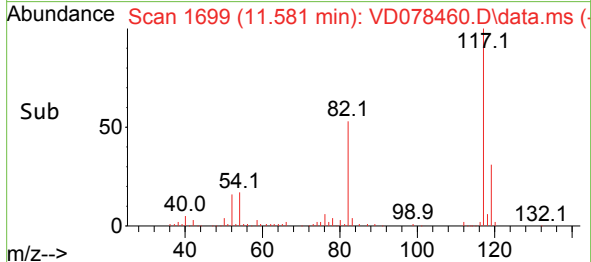
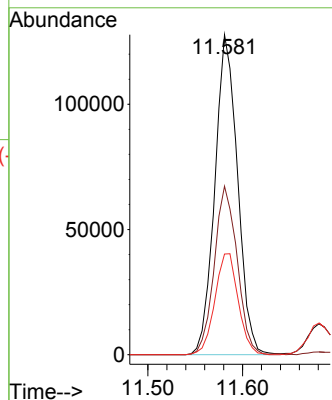
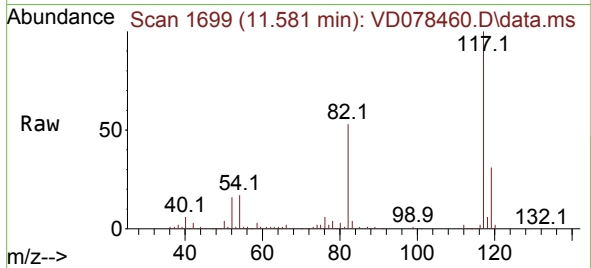




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

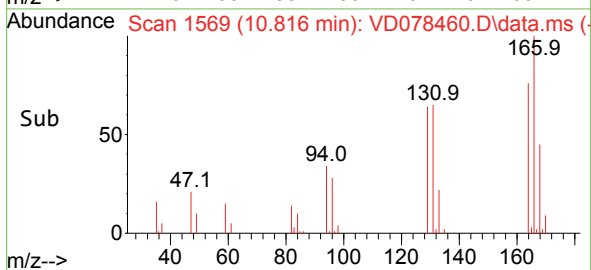
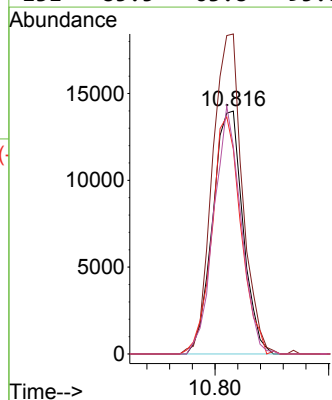
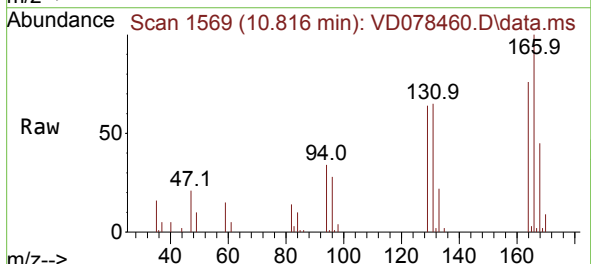
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

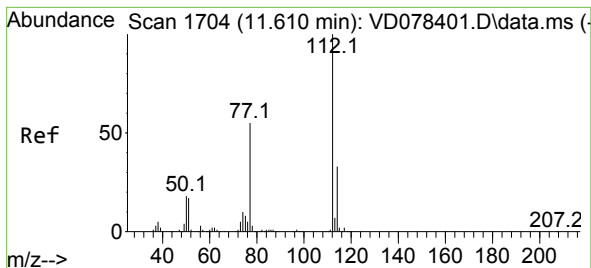
Tgt Ion:117 Resp: 213263
Ion Ratio Lower Upper
117 100
82 52.6 38.3 57.5
119 31.5 25.0 37.4



#64
Tetrachloroethene
Concen: 19.193 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

Tgt Ion:164 Resp: 25854
Ion Ratio Lower Upper
164 100
166 131.8 99.2 148.8
129 84.3 68.4 102.6
131 85.5 63.8 95.8





#65

Chlorobenzene

Concen: 19.357 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD078460.D

Acq: 19 Feb 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

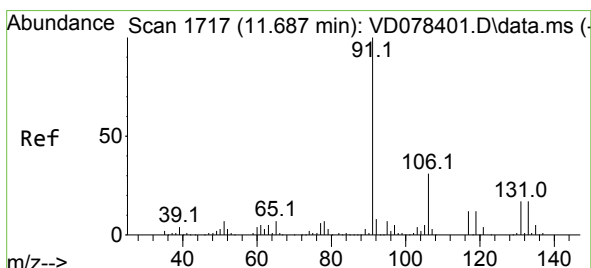
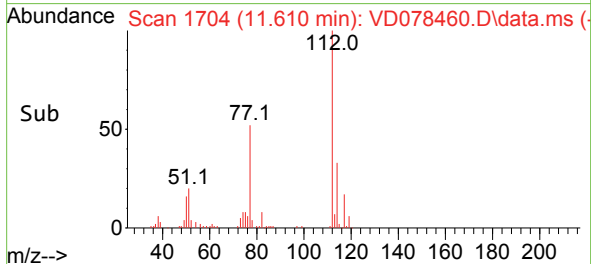
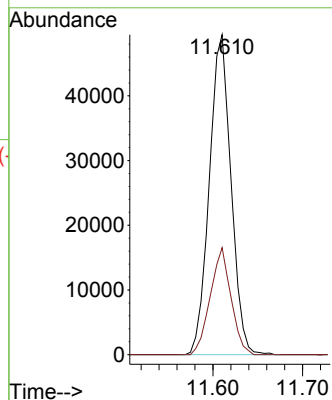
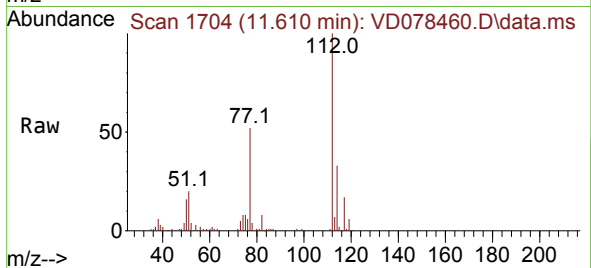
VD0219SBS01

Tgt Ion:112 Resp: 82990

Ion Ratio Lower Upper

112 100

114 33.5 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 19.285 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078460.D

Acq: 19 Feb 2024 13:22

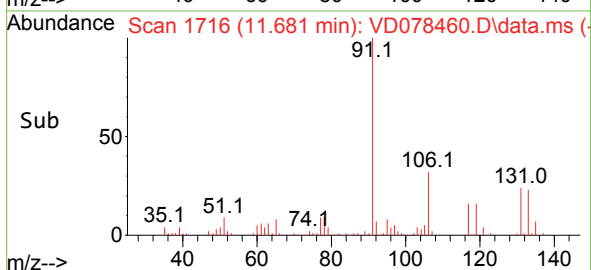
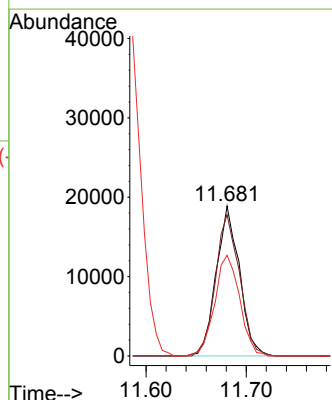
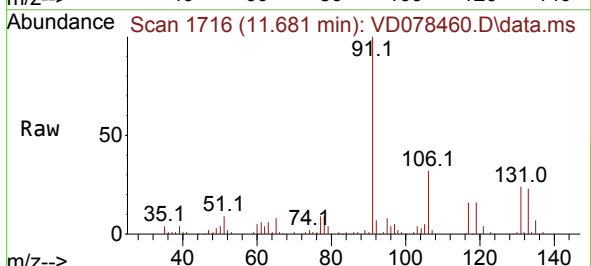
Tgt Ion:131 Resp: 30386

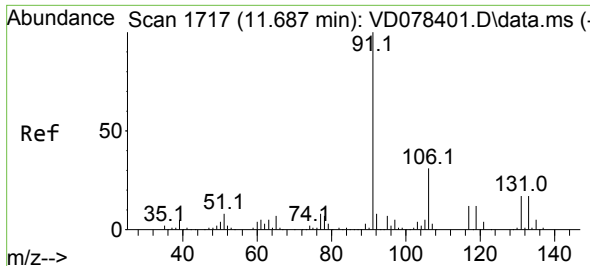
Ion Ratio Lower Upper

131 100

133 97.6 48.5 145.5

119 72.2 35.6 106.9

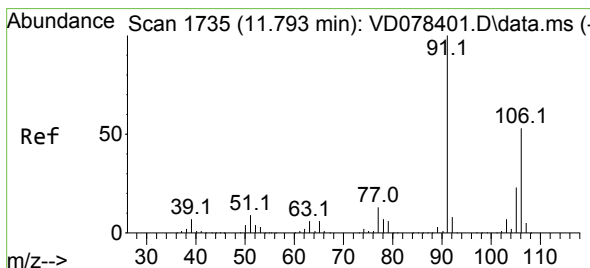
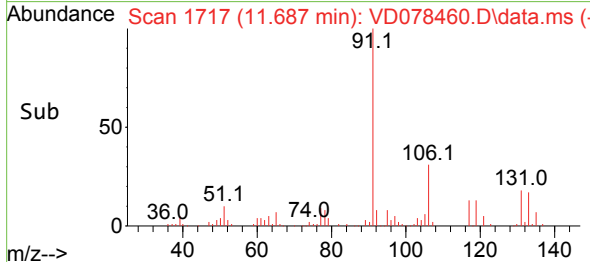
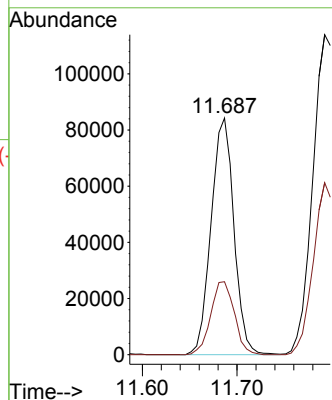
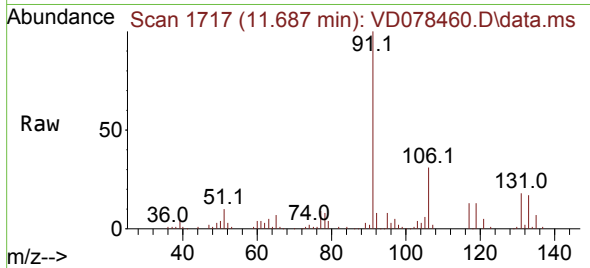




#67
Ethyl Benzene
Concen: 18.354 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

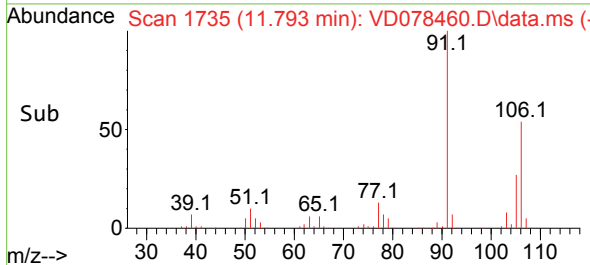
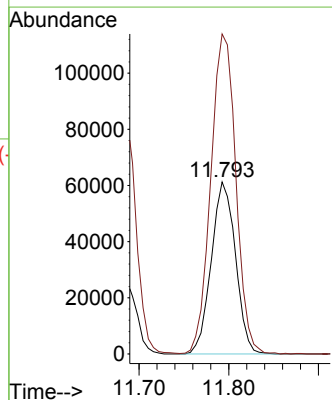
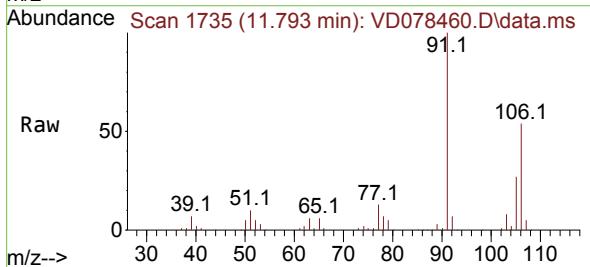
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

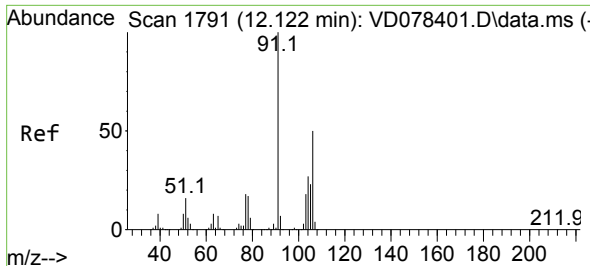
Tgt Ion: 91 Resp: 140994
Ion Ratio Lower Upper
91 100
106 30.8 26.5 39.7



#68
m/p-Xylenes
Concen: 38.280 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

Tgt Ion: 106 Resp: 114705
Ion Ratio Lower Upper
106 100
91 192.8 147.0 220.6

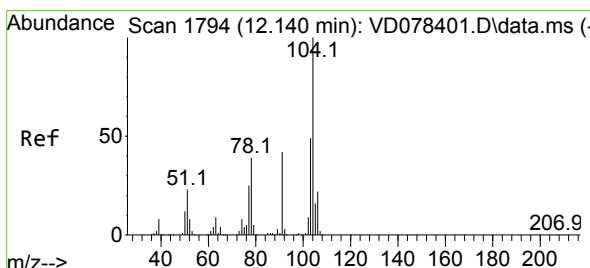
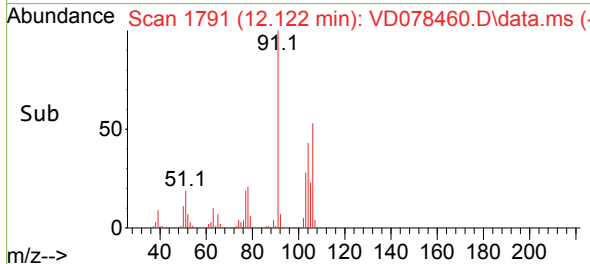
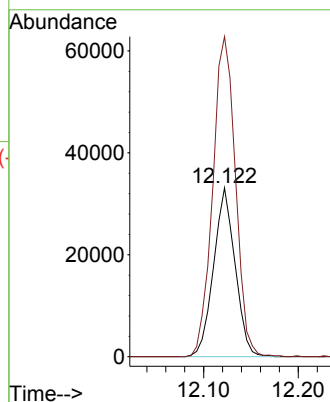
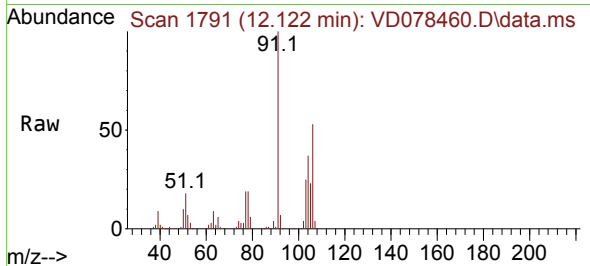




#69
o-Xylene
Concen: 19.166 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

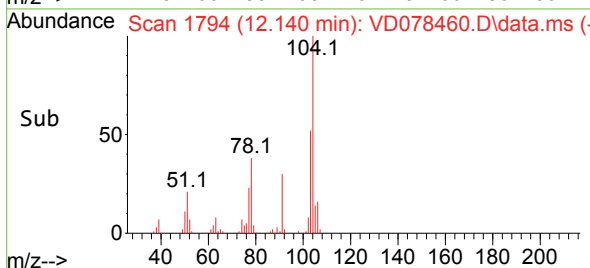
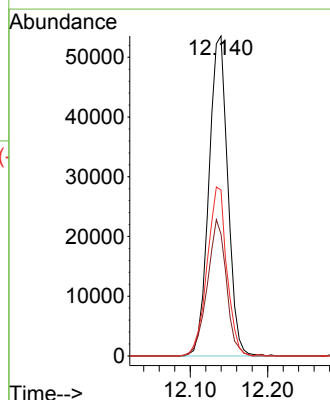
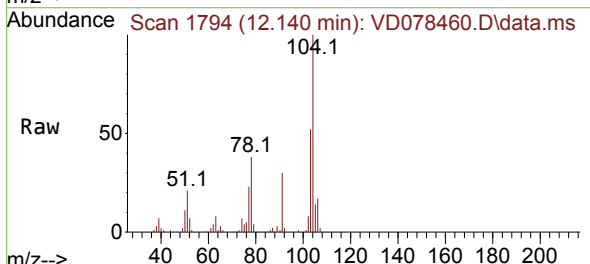
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

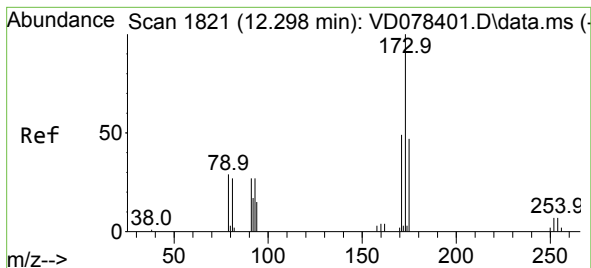
Tgt Ion:106 Resp: 52409
Ion Ratio Lower Upper
106 100
91 200.4 97.9 293.6



#70
Styrene
Concen: 20.354 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

Tgt Ion:104 Resp: 90834
Ion Ratio Lower Upper
104 100
78 42.9 33.2 49.8
103 54.9 43.6 65.4





#71

Bromoform

Concen: 19.351 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078460.D

Acq: 19 Feb 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

VD0219SBS01

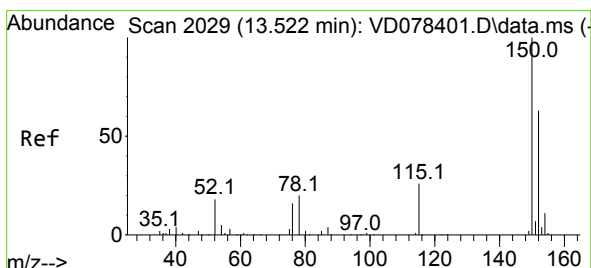
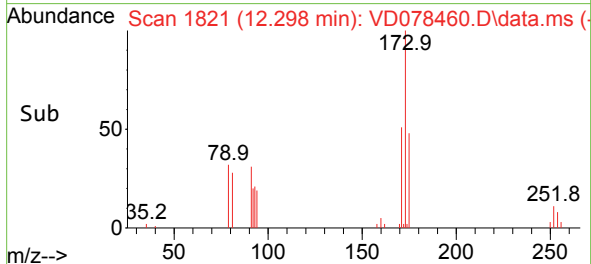
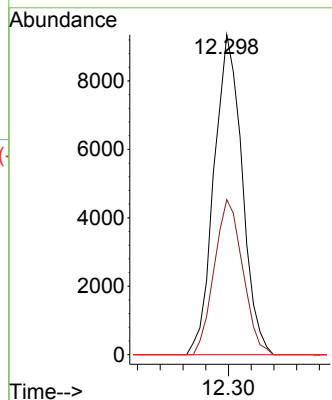
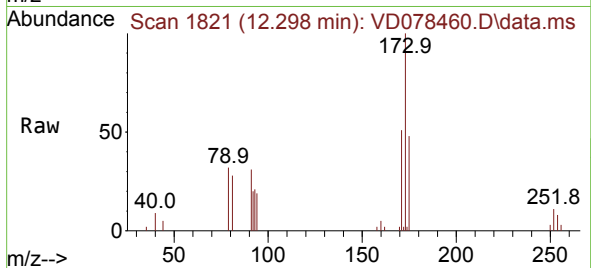
Tgt Ion:173 Resp: 16048

Ion Ratio Lower Upper

173 100

175 49.1 24.6 73.8

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: VD078460.D

Acq: 19 Feb 2024 13:22

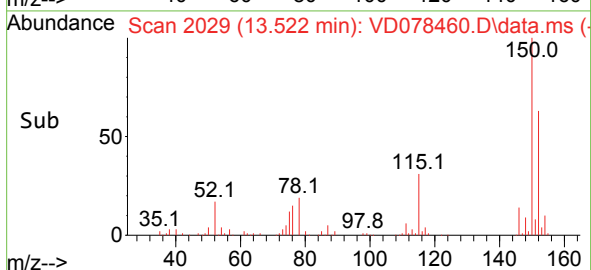
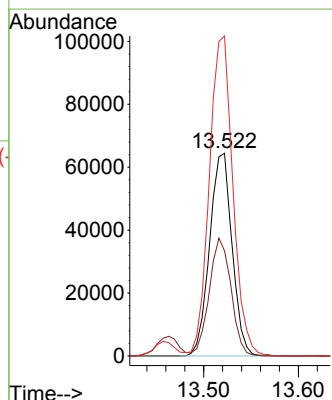
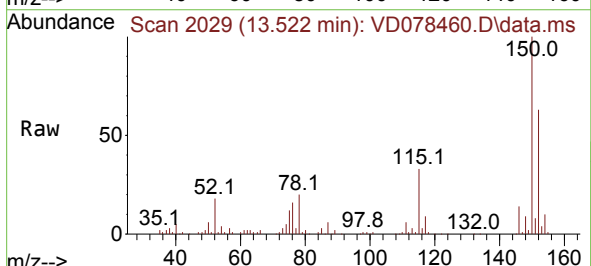
Tgt Ion:152 Resp: 106221

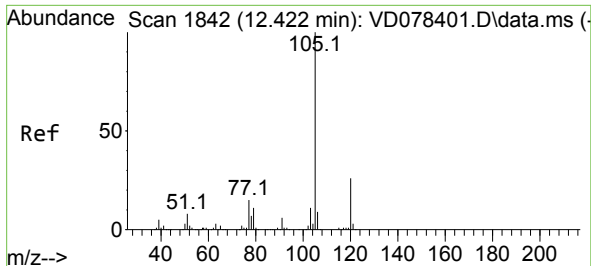
Ion Ratio Lower Upper

152 100

115 56.1 27.1 81.3

150 165.3 0.0 353.6

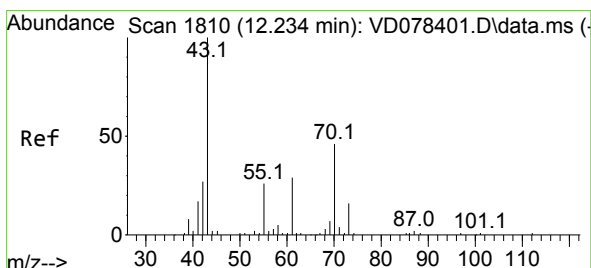
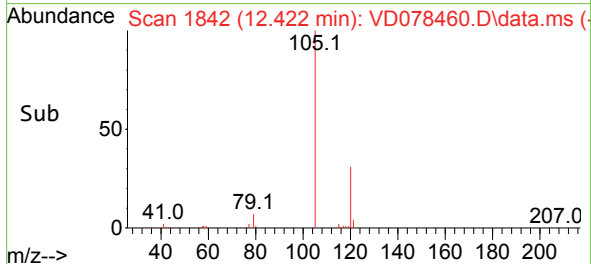
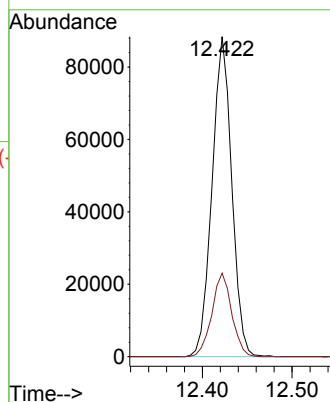
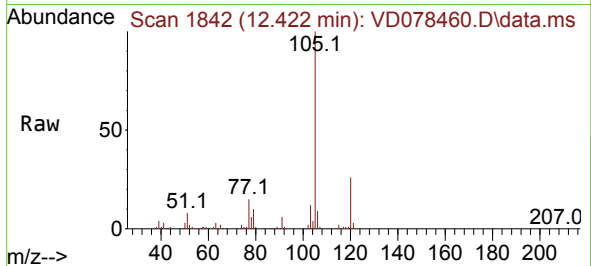




#73
Isopropylbenzene
Concen: 18.867 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

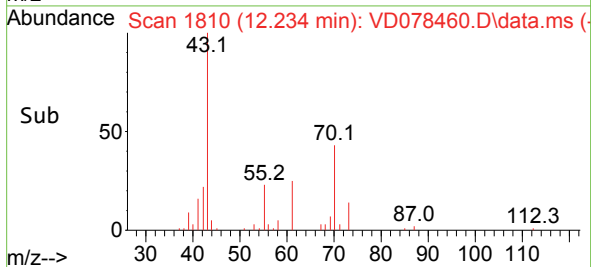
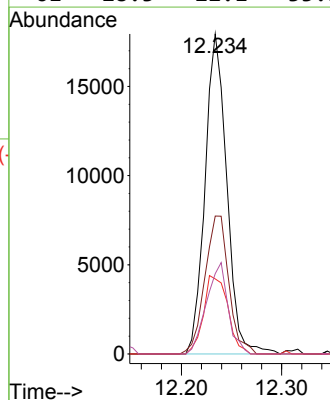
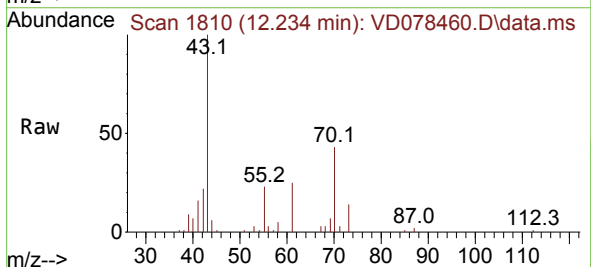
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

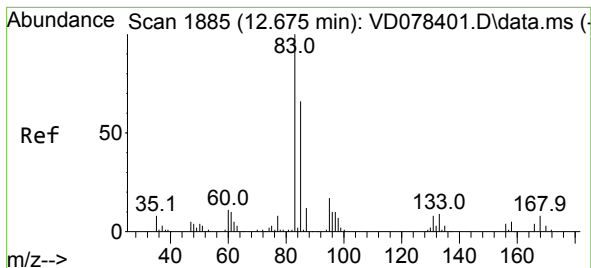
Tgt Ion:105 Resp: 134568
Ion Ratio Lower Upper
105 100
120 26.3 14.3 42.9



#74
N-ethyl acetate
Concen: 20.091 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

Tgt Ion: 43 Resp: 27110
Ion Ratio Lower Upper
43 100
70 47.3 45.0 67.4
55 27.2 23.8 35.6
61 28.3 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.333 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078460.D

Acq: 19 Feb 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

VD0219SBS01

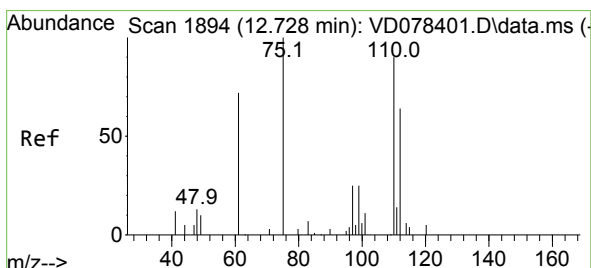
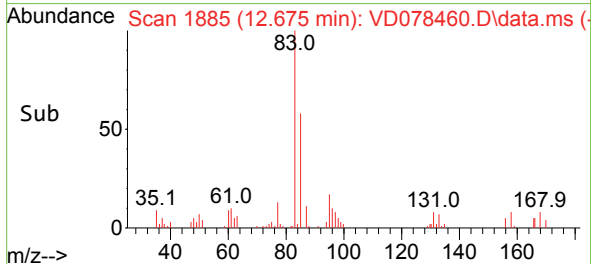
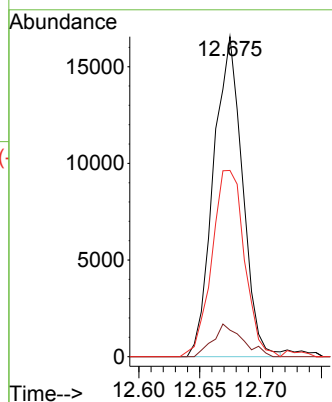
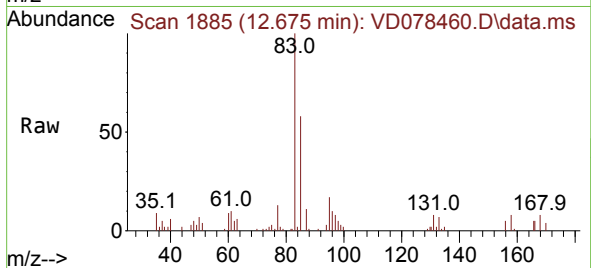
Tgt Ion: 83 Resp: 27354

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

85 65.4 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 35.870 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD078460.D

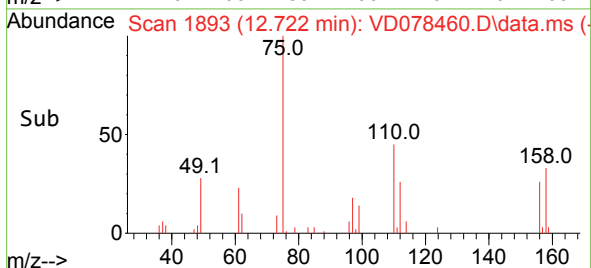
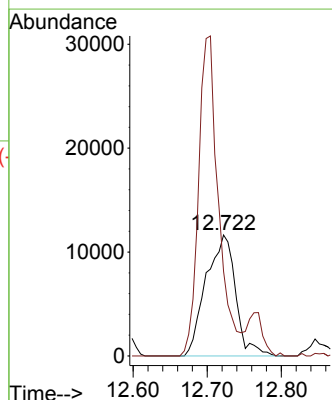
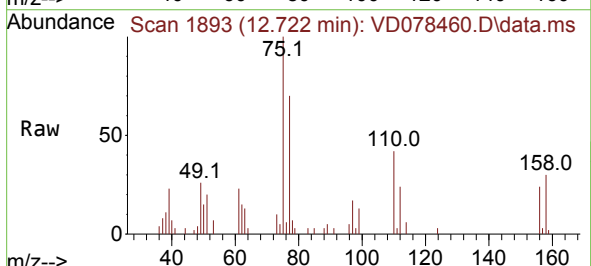
Acq: 19 Feb 2024 13:22

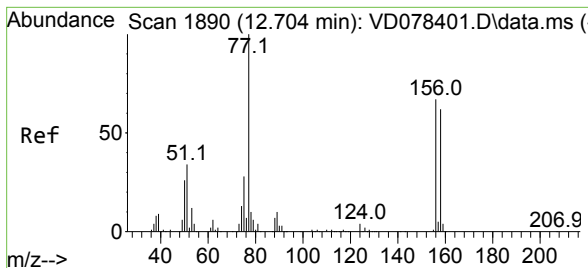
Tgt Ion: 75 Resp: 32347

Ion Ratio Lower Upper

75 100

77 178.3 0.0 0.0#





#77

Bromobenzene

Concen: 19.987 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078460.D

Acq: 19 Feb 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

VD0219SBS01

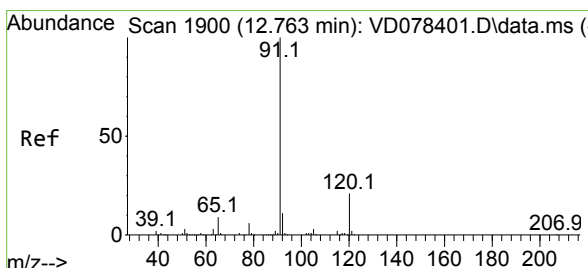
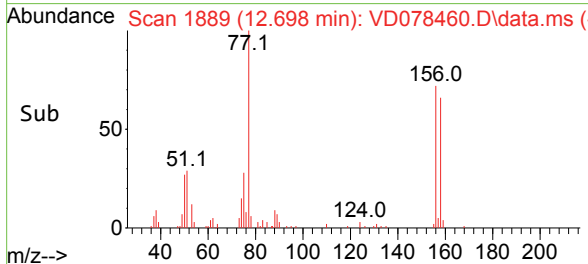
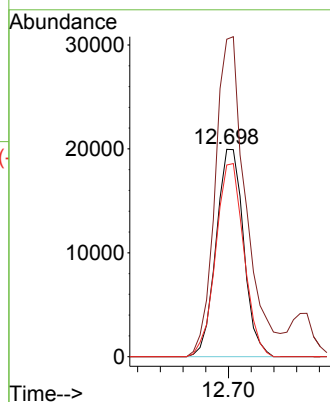
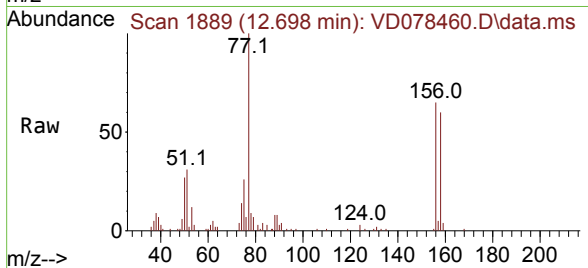
Tgt Ion:156 Resp: 33503

Ion Ratio Lower Upper

156 100

77 172.1 76.8 230.4

158 95.6 48.6 145.9



#78

n-propylbenzene

Concen: 19.187 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078460.D

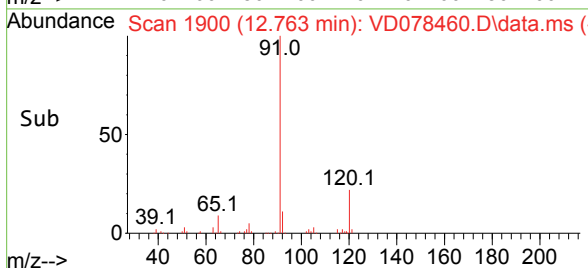
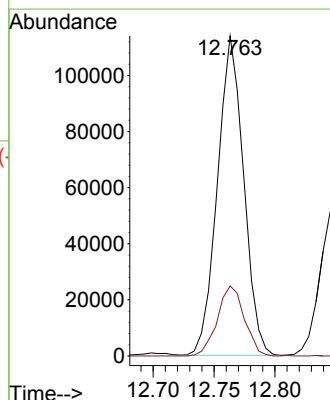
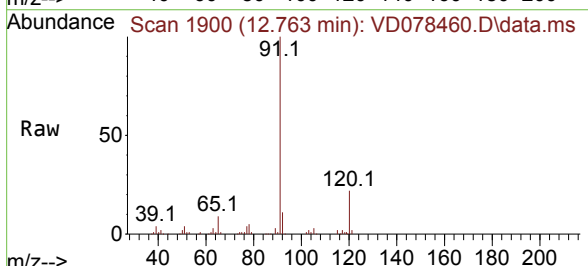
Acq: 19 Feb 2024 13:22

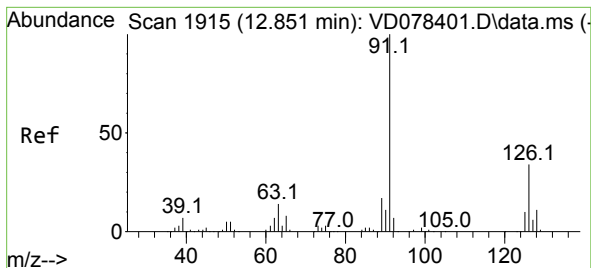
Tgt Ion: 91 Resp: 170544

Ion Ratio Lower Upper

91 100

120 22.5 12.4 37.2

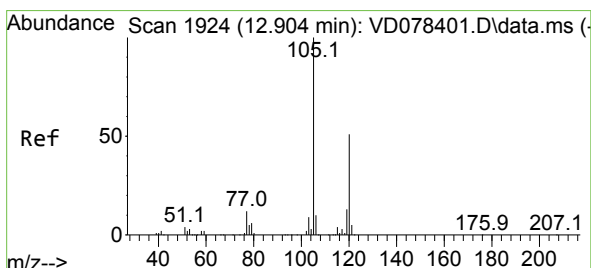
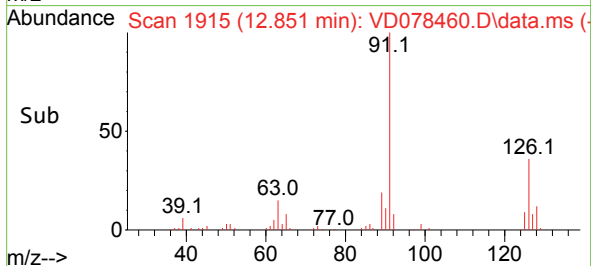
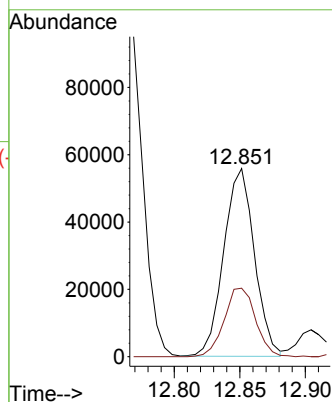
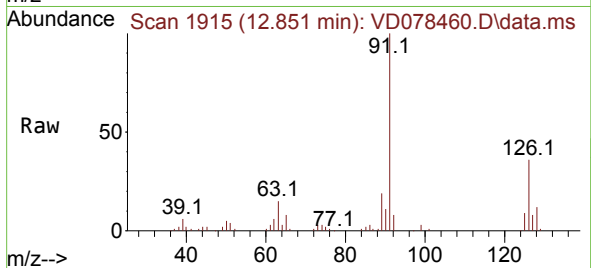




#79
2-Chlorotoluene
Concen: 19.081 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

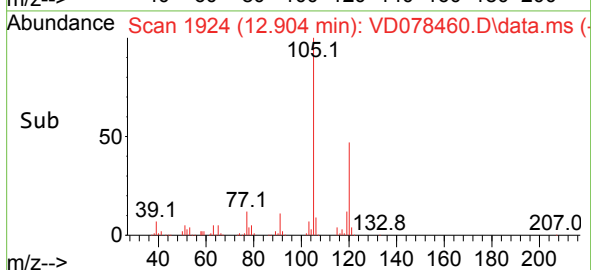
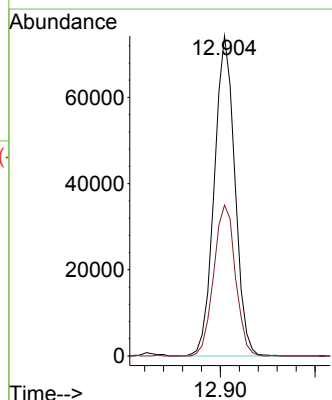
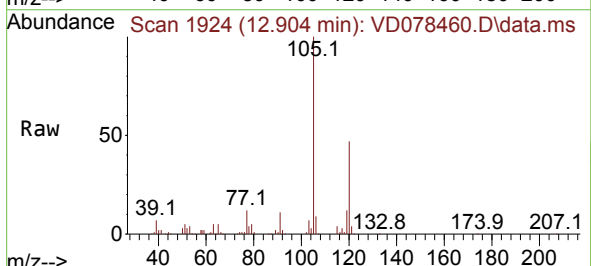
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

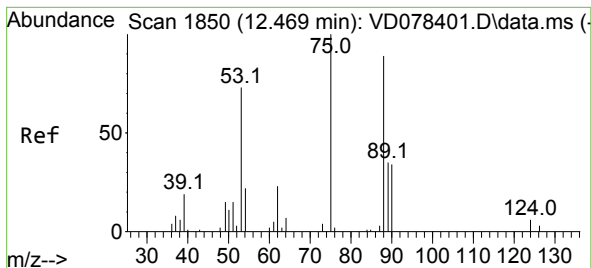
Tgt Ion: 91 Resp: 90840
Ion Ratio Lower Upper
91 100
126 37.3 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 18.882 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

Tgt Ion: 105 Resp: 111830
Ion Ratio Lower Upper
105 100
120 49.7 26.4 79.2

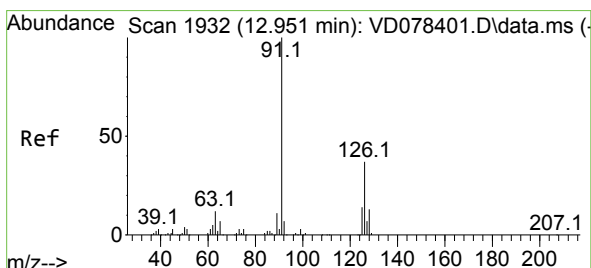
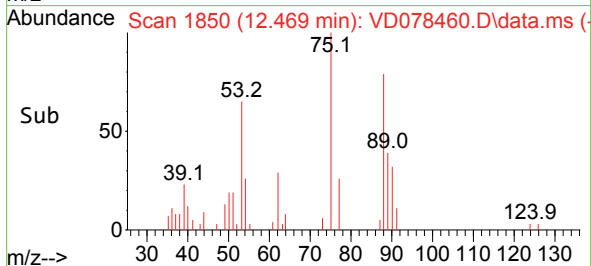
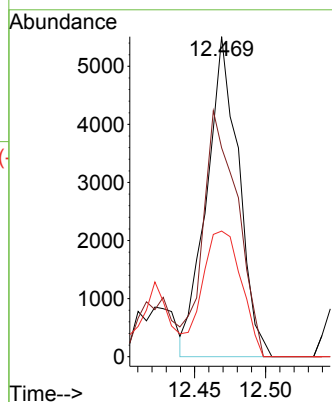
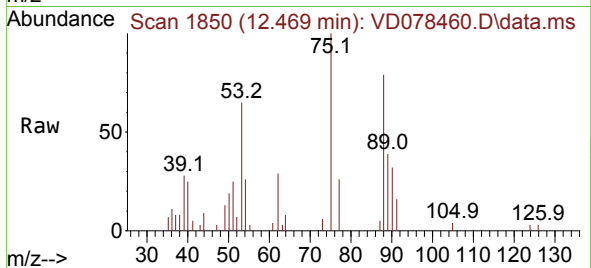




#81
trans-1,4-Dichloro-2-butene
Concen: 19.877 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

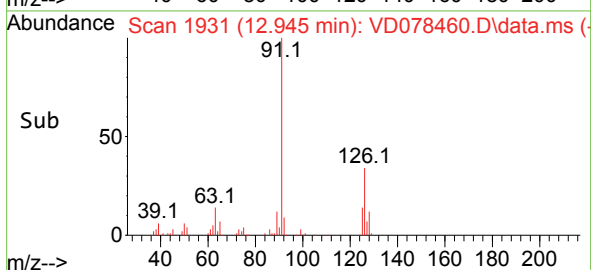
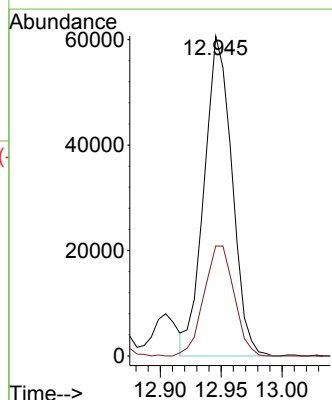
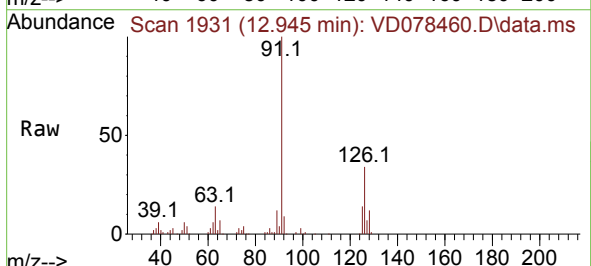
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

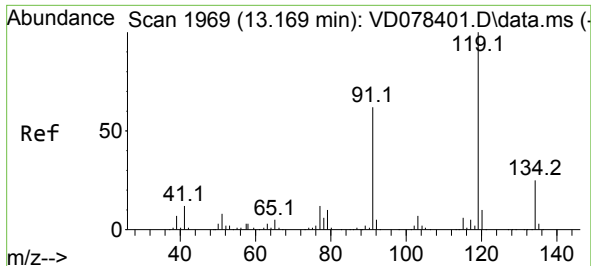
Tgt Ion:	75	Resp:	8634
Ion	Ratio	Lower	Upper
75	100		
53	82.9	63.0	94.4
89	48.5	37.9	56.9



#82
4-Chlorotoluene
Concen: 18.878 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

Tgt Ion:	91	Resp:	96523
Ion	Ratio	Lower	Upper
91	100		
126	37.2	19.4	58.4

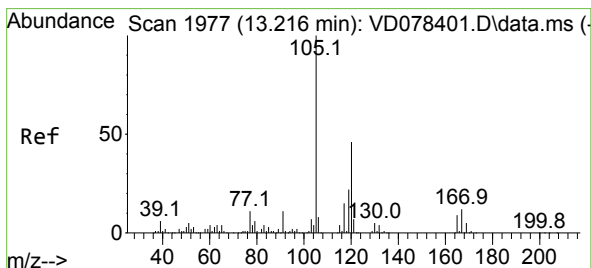
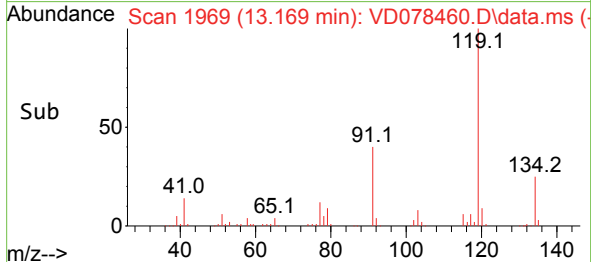
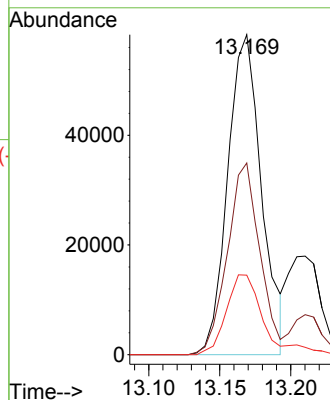
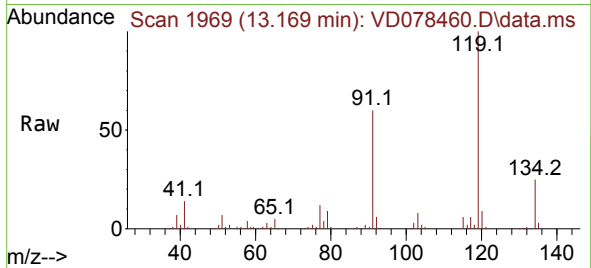




#83
tert-Butylbenzene
Concen: 19.378 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

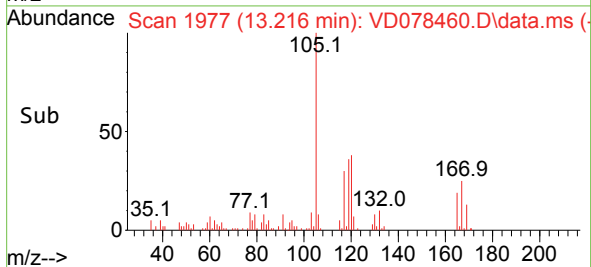
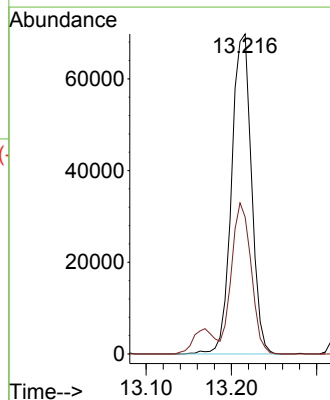
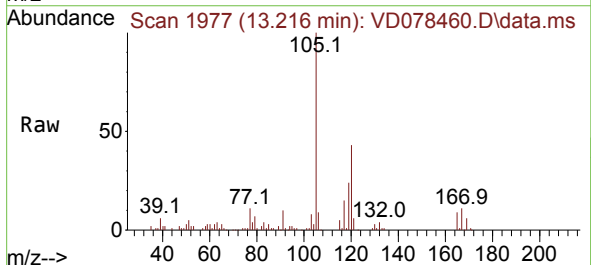
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

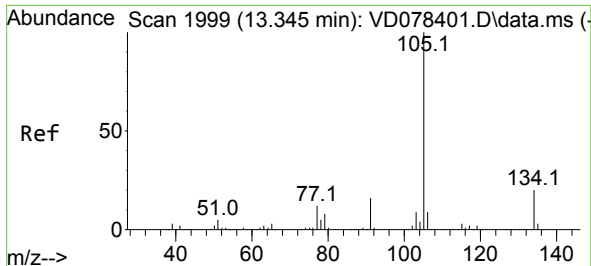
Tgt Ion:119 Resp: 96793
Ion Ratio Lower Upper
119 100
91 57.5 29.3 87.8
134 27.3 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 18.791 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

Tgt Ion:105 Resp: 112952
Ion Ratio Lower Upper
105 100
120 46.5 24.3 72.9

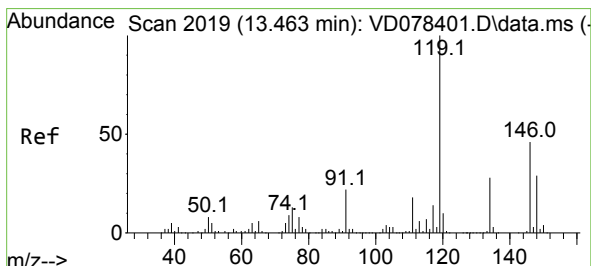
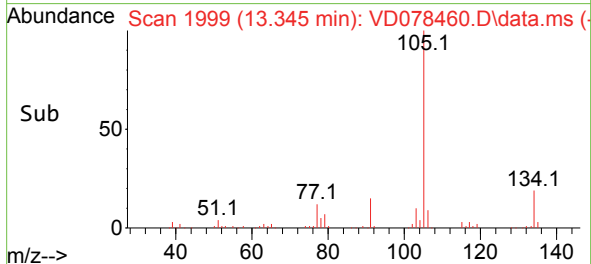
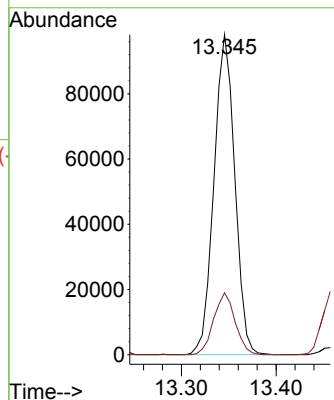
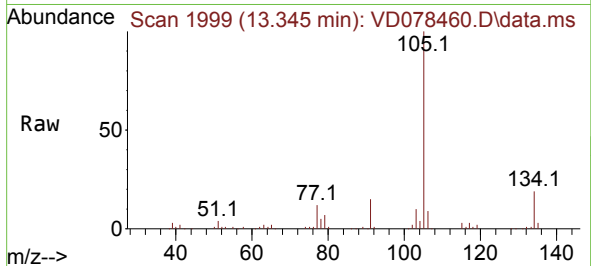




#85
sec-Butylbenzene
Concen: 19.361 ug/l
RT: 13.345 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

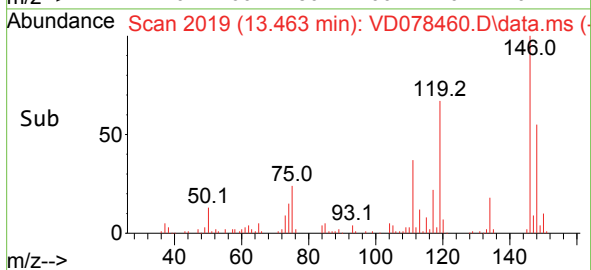
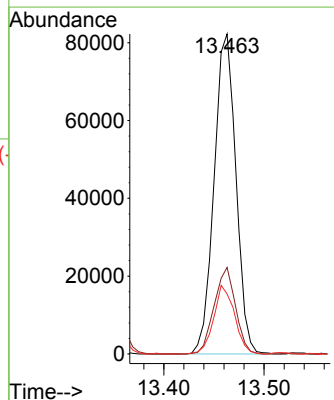
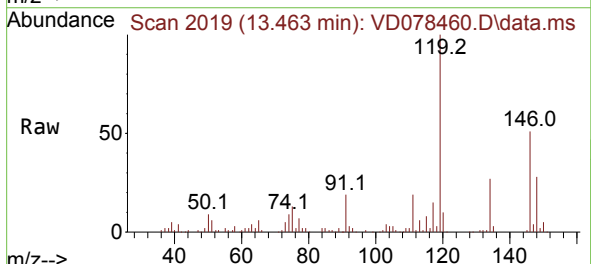
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

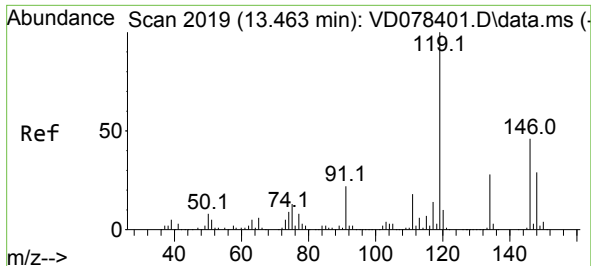
Tgt Ion:105 Resp: 149981
Ion Ratio Lower Upper
105 100
134 19.9 10.9 32.9



#86
p-Isopropyltoluene
Concen: 18.822 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

Tgt Ion:119 Resp: 124187
Ion Ratio Lower Upper
119 100
134 26.4 14.2 42.6
91 20.5 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 19.261 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078460.D

Acq: 19 Feb 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

VD0219SBS01

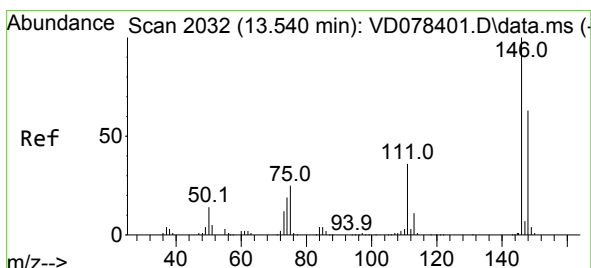
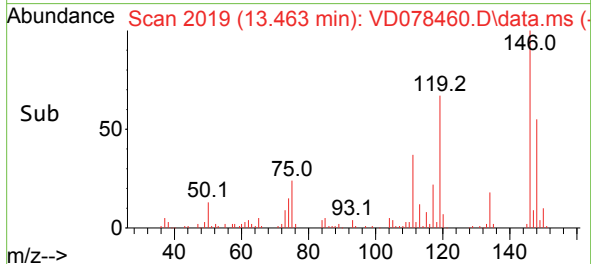
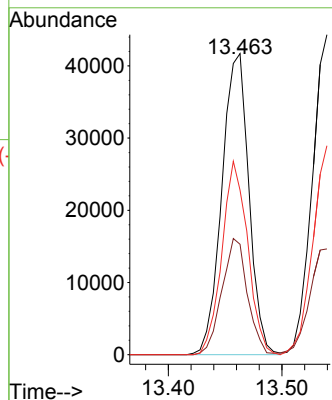
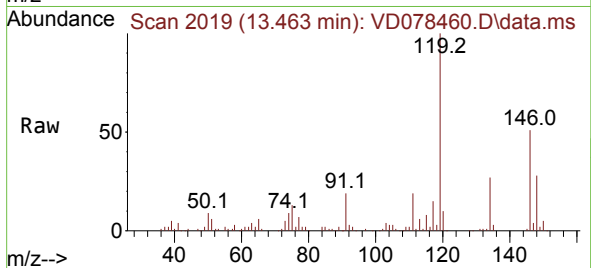
Tgt Ion:146 Resp: 68910

Ion Ratio Lower Upper

146 100

111 36.6 17.9 53.8

148 61.3 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 19.978 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD078460.D

Acq: 19 Feb 2024 13:22

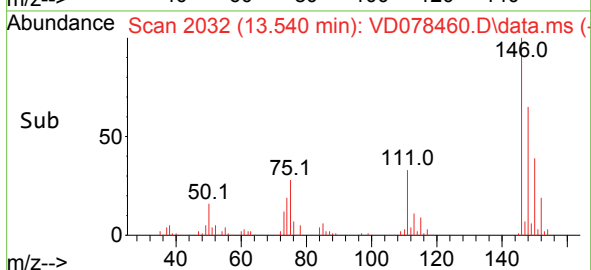
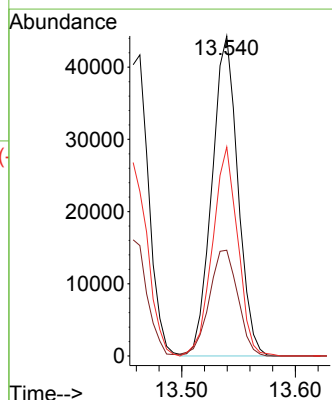
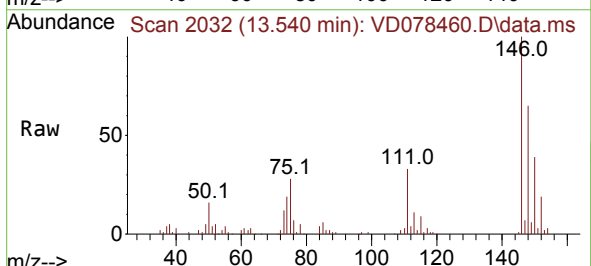
Tgt Ion:146 Resp: 70229

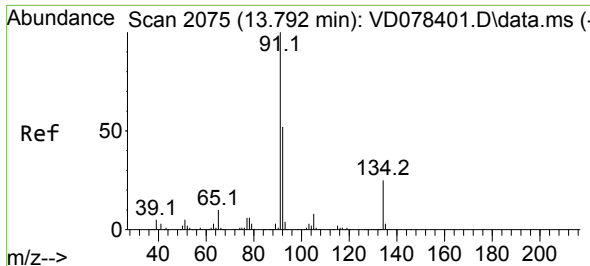
Ion Ratio Lower Upper

146 100

111 36.6 17.4 52.3

148 63.7 31.7 95.1

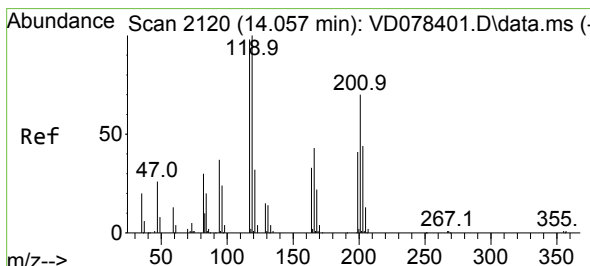
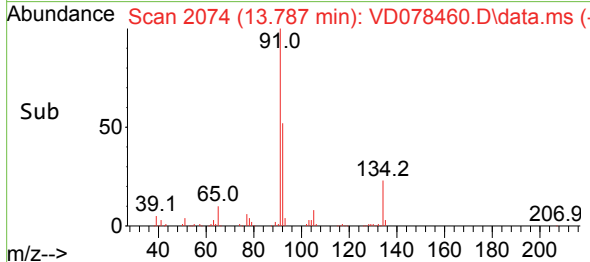
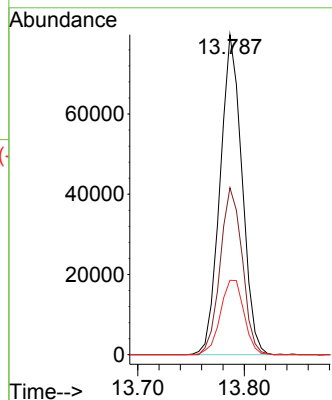
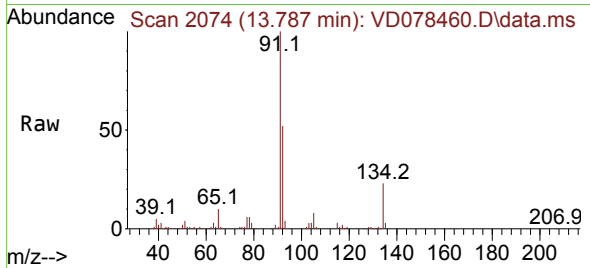




#89
n-Butylbenzene
Concen: 17.913 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

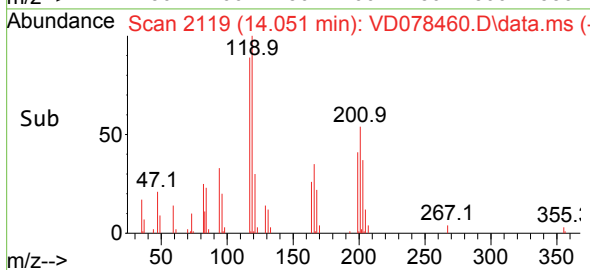
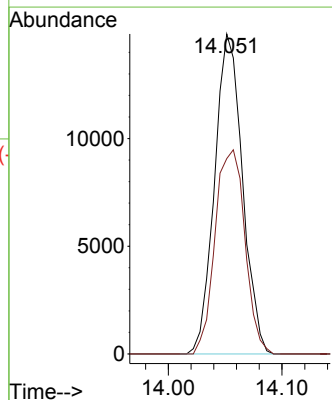
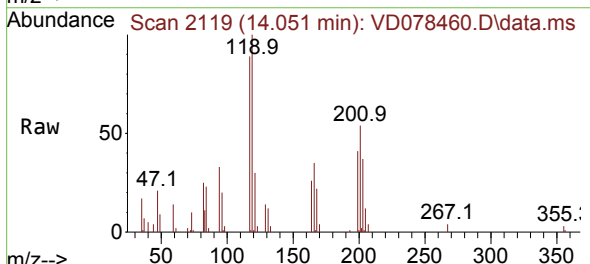
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

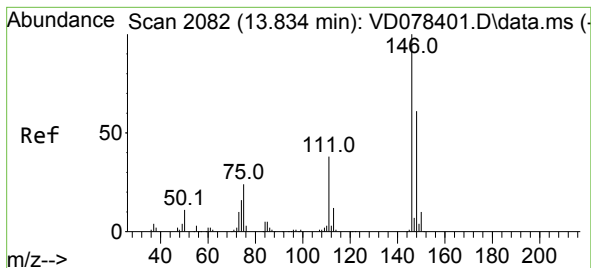
Tgt Ion: 91 Resp: 113920
Ion Ratio Lower Upper
91 100
92 52.6 26.5 79.5
134 25.1 13.8 41.3



#90
Hexachloroethane
Concen: 18.678 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078460.D
Acq: 19 Feb 2024 13:22

Tgt Ion: 117 Resp: 25329
Ion Ratio Lower Upper
117 100
201 68.2 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 19.966 ug/l

RT: 13.828 min Scan# 2082

Delta R.T. -0.006 min

Lab File: VD078460.D

Acq: 19 Feb 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

VD0219SBS01

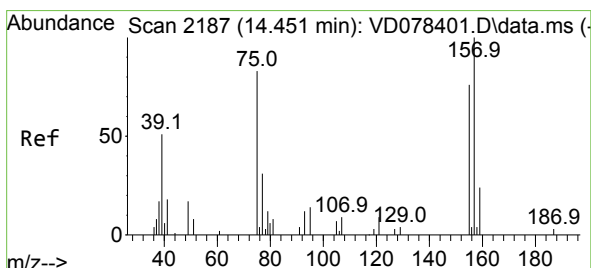
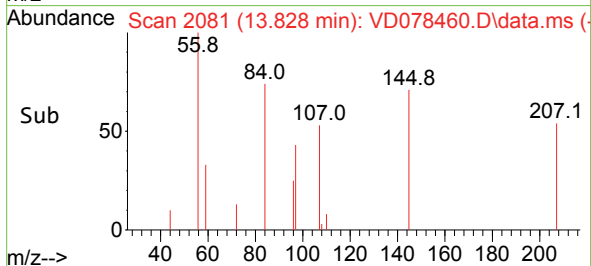
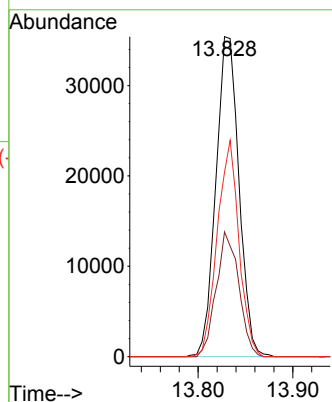
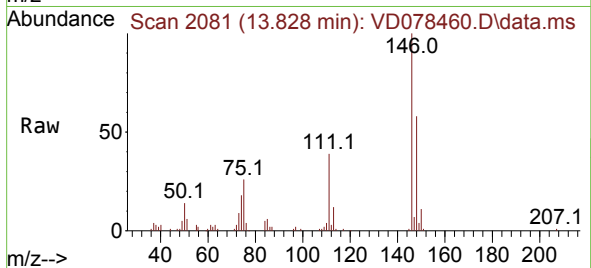
Tgt Ion:146 Resp: 59985

Ion Ratio Lower Upper

146 100

111 38.1 18.3 54.8

148 63.6 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.572 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD078460.D

Acq: 19 Feb 2024 13:22

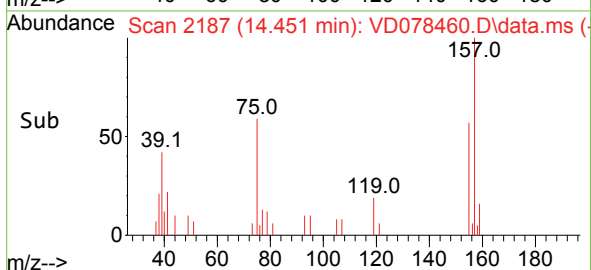
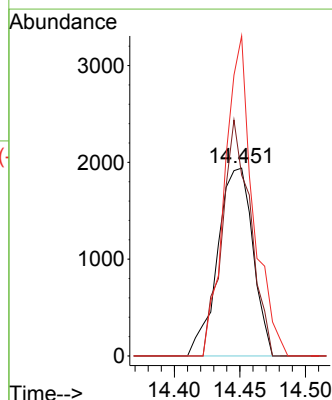
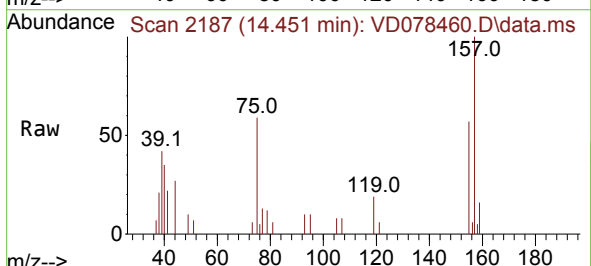
Tgt Ion: 75 Resp: 3626

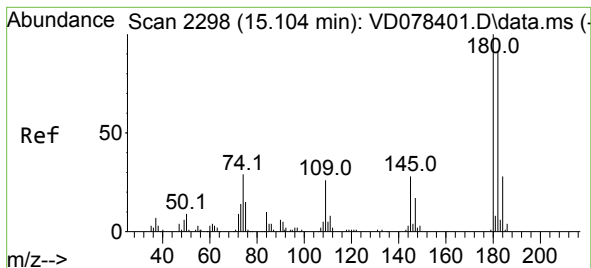
Ion Ratio Lower Upper

75 100

155 100.7 47.9 143.8

157 136.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 18.496 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078460.D

Acq: 19 Feb 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

VD0219SBS01

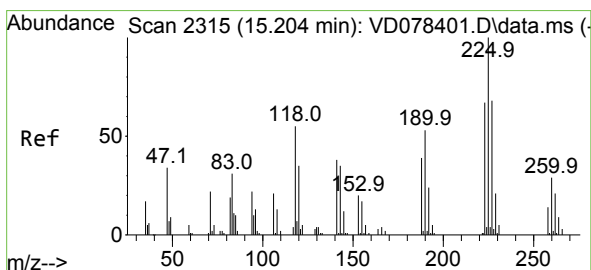
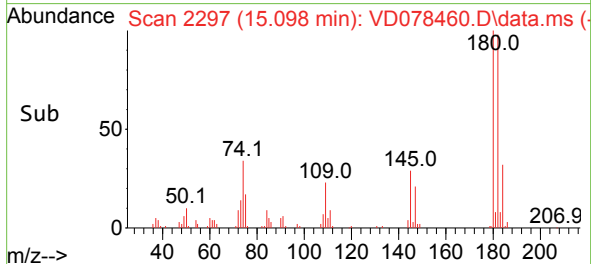
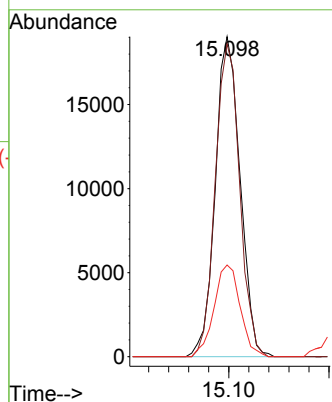
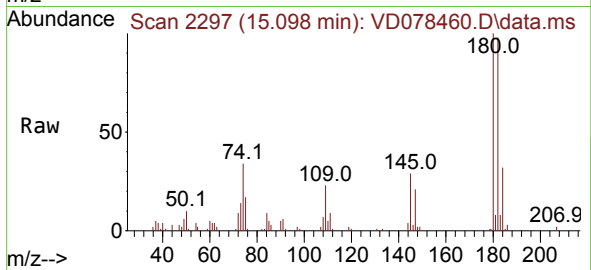
Tgt Ion:180 Resp: 32658

Ion Ratio Lower Upper

180 100

182 95.8 48.5 145.6

145 30.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.146 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078460.D

Acq: 19 Feb 2024 13:22

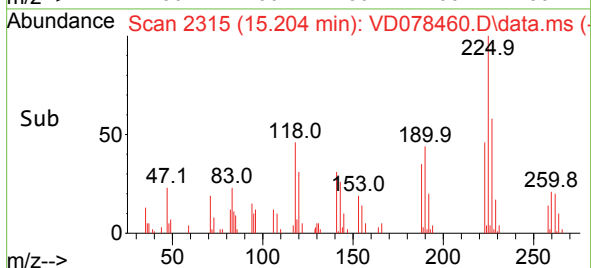
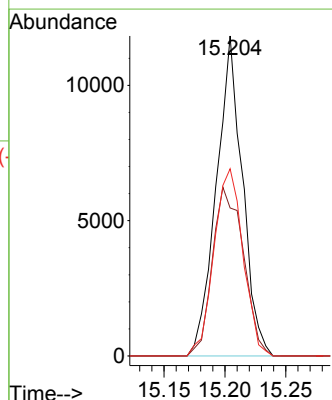
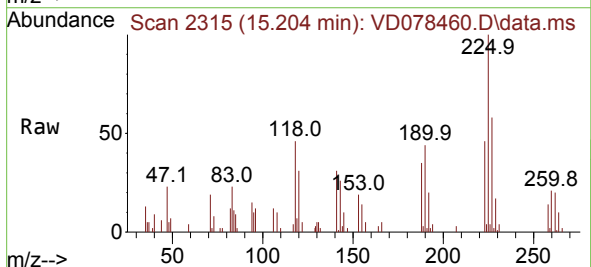
Tgt Ion:225 Resp: 17645

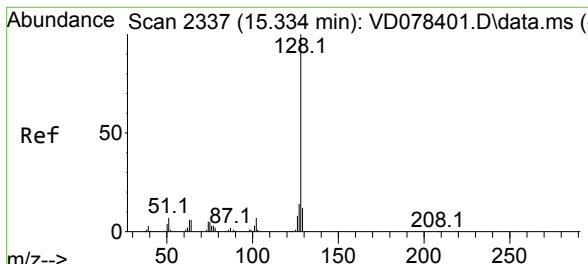
Ion Ratio Lower Upper

225 100

223 62.5 31.6 94.8

227 65.0 31.7 95.1

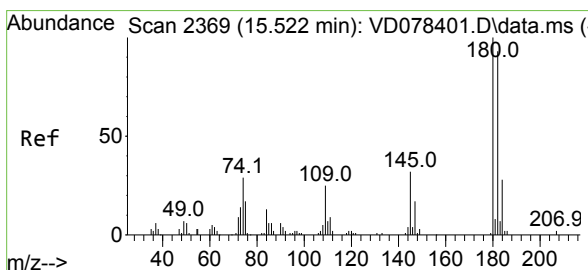
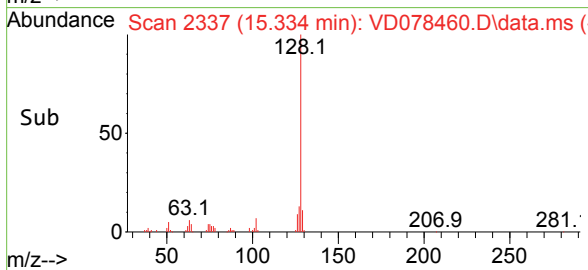
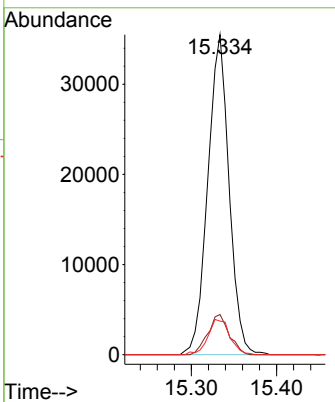
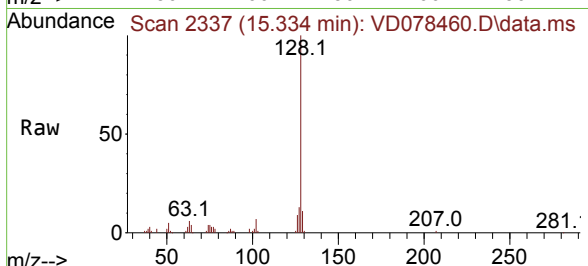




#95
 Naphthalene
 Concen: 18.798 ug/l
 RT: 15.334 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078460.D
 Acq: 19 Feb 2024 13:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0219SBS01

Tgt Ion:128	Resp:	61561
Ion Ratio	Lower	Upper
128	100	
127	12.5	10.5 15.7
129	10.5	8.7 13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 19.704 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: VD078460.D
 Acq: 19 Feb 2024 13:22

Tgt Ion:180	Resp:	29484
Ion Ratio	Lower	Upper
180	100	
182	96.7	47.3 141.9
145	30.5	15.1 45.3

