

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022024\
 Data File : VD078475.D
 Acq On : 20 Feb 2024 10:47
 Operator : RP/MD
 Sample : VD0220SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0220SBS01

Quant Time: Feb 21 05:20:49 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	126041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	217397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	195825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	97200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	73076	53.621	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.240%	
35) Dibromofluoromethane	7.810	113	79636	57.668	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.340%	
50) Toluene-d8	10.269	98	318135	57.590	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.180%	
62) 4-Bromofluorobenzene	12.575	95	89326	55.566	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.140%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.940	85	23921	19.262	ug/l	92
3) Chloromethane	2.152	50	40701	17.834	ug/l	98
4) Vinyl Chloride	2.287	62	63061	18.108	ug/l	96
5) Bromomethane	2.693	94	50210	20.887	ug/l	98
6) Chloroethane	2.840	64	50017	19.696	ug/l	96
7) Trichlorofluoromethane	3.175	101	53283	22.681	ug/l	92
8) Diethyl Ether	3.599	74	14491	21.415	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.975	101	33783	22.795	ug/l	97
10) Methyl Iodide	4.169	142	29262	22.045	ug/l #	87
11) Tert butyl alcohol	5.052	59	4609	58.062	ug/l #	87
12) 1,1-Dichloroethene	3.946	96	31356	22.821	ug/l	92
13) Acrolein	3.805	56	10485	83.280	ug/l	91
14) Allyl chloride	4.564	41	33965	20.010	ug/l	92
15) Acrylonitrile	5.263	53	29755	102.721	ug/l	96
16) Acetone	4.028	43	37229	128.340	ug/l #	86
17) Carbon Disulfide	4.269	76	89142	19.281	ug/l	99
18) Methyl Acetate	4.575	43	11750	15.110	ug/l	89
19) Methyl tert-butyl Ether	5.322	73	60257	20.641	ug/l	96
20) Methylene Chloride	4.805	84	41660	25.469	ug/l	87
21) trans-1,2-Dichloroethene	5.316	96	35886	22.201	ug/l	95
22) Diisopropyl ether	6.216	45	82155	21.959	ug/l #	91
23) Vinyl Acetate	6.158	43	233605	146.550	ug/l	93
24) 1,1-Dichloroethane	6.122	63	60036	22.653	ug/l	98
25) 2-Butanone	7.087	43	41365	111.075	ug/l	89
26) 2,2-Dichloropropane	7.081	77	52077	23.440	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	39064	22.027	ug/l	96
28) Bromochloromethane	7.434	49	20007	19.059	ug/l	90
29) Tetrahydrofuran	7.452	42	20334	100.330	ug/l	91
30) Chloroform	7.599	83	63796	22.751	ug/l	97
31) Cyclohexane	7.881	56	45091	19.559	ug/l	98
32) 1,1,1-Trichloroethane	7.799	97	55355	23.154	ug/l	99
36) 1,1-Dichloropropene	8.016	75	48922	22.805	ug/l	96
37) Ethyl Acetate	7.175	43	16011	21.291	ug/l #	91
38) Carbon Tetrachloride	7.999	117	49758	23.421	ug/l	93
39) Methylcyclohexane	9.275	83	55014	21.601	ug/l	94
40) Benzene	8.257	78	140968	22.734	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022024\
 Data File : VD078475.D
 Acq On : 20 Feb 2024 10:47
 Operator : RP/MD
 Sample : VD0220SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0220SBS01

Quant Time: Feb 21 05:20:49 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	8264	21.115	ug/l #	92
42) 1,2-Dichloroethane	8.328	62	35156	21.912	ug/l	96
43) Isopropyl Acetate	8.363	43	28867	20.730	ug/l	95
44) Trichloroethene	9.028	130	37210	23.522	ug/l	98
45) 1,2-Dichloropropane	9.310	63	33772	22.198	ug/l	98
46) Dibromomethane	9.399	93	18979	22.179	ug/l	92
47) Bromodichloromethane	9.587	83	48375	22.823	ug/l	98
48) Methyl methacrylate	9.381	41	13605	18.415	ug/l	86
49) 1,4-Dioxane	9.387	88	3985	430.008	ug/l #	93
51) 4-Methyl-2-Pentanone	10.157	43	79143	107.082	ug/l	93
52) Toluene	10.334	92	89152	22.736	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	41980	21.706	ug/l	96
54) cis-1,3-Dichloropropene	10.022	75	51548	21.981	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	27424	23.797	ug/l	97
56) Ethyl methacrylate	10.599	69	26001	24.395	ug/l #	89
57) 1,3-Dichloropropane	10.881	76	42028	21.439	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	56791	90.459	ug/l	96
59) 2-Hexanone	10.922	43	63653	114.600	ug/l	90
60) Dibromochloromethane	11.075	129	32617	23.524	ug/l	99
61) 1,2-Dibromoethane	11.181	107	24723	22.852	ug/l	98
64) Tetrachloroethene	10.816	164	28608	23.129	ug/l	96
65) Chlorobenzene	11.610	112	93241	23.684	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	34207	23.644	ug/l	99
67) Ethyl Benzene	11.687	91	162499	23.037	ug/l	99
68) m/p-Xylenes	11.793	106	131839	47.916	ug/l	96
69) o-Xylene	12.122	106	60169	23.963	ug/l	95
70) Styrene	12.140	104	99138	24.192	ug/l	97
71) Bromoform	12.304	173	17438	22.900	ug/l #	100
73) Isopropylbenzene	12.422	105	153199	23.472	ug/l	97
74) N-amyl acetate	12.234	43	26904	21.789	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	29771	22.994	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	34030	41.239	ug/l #	100
77) Bromobenzene	12.704	156	36532	23.816	ug/l	91
78) n-propylbenzene	12.763	91	197698	24.306	ug/l	95
79) 2-Chlorotoluene	12.851	91	103753	23.816	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	127462	23.518	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	9311	23.424	ug/l	93
82) 4-Chlorotoluene	12.951	91	109668	23.439	ug/l	97
83) tert-Butylbenzene	13.169	119	110171	24.104	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	127706	23.218	ug/l	98
85) sec-Butylbenzene	13.345	105	172645	24.356	ug/l	95
86) p-Isopropyltoluene	13.463	119	144043	23.858	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	76867	23.479	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	79112	24.594	ug/l	97
89) n-Butylbenzene	13.787	91	134113	23.046	ug/l	97
90) Hexachloroethane	14.051	117	29766	23.987	ug/l	88
91) 1,2-Dichlorobenzene	13.834	146	65897	23.970	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3964	23.383	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	37521	23.223	ug/l	98
94) Hexachlorobutadiene	15.204	225	21002	24.904	ug/l	99
95) Naphthalene	15.334	128	65486	21.853	ug/l	95
96) 1,2,3-Trichlorobenzene	15.522	180	31967	23.346	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022024\
Data File : VD078475.D
Acq On : 20 Feb 2024 10:47
Operator : RP/MD
Sample : VD0220SBS01
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

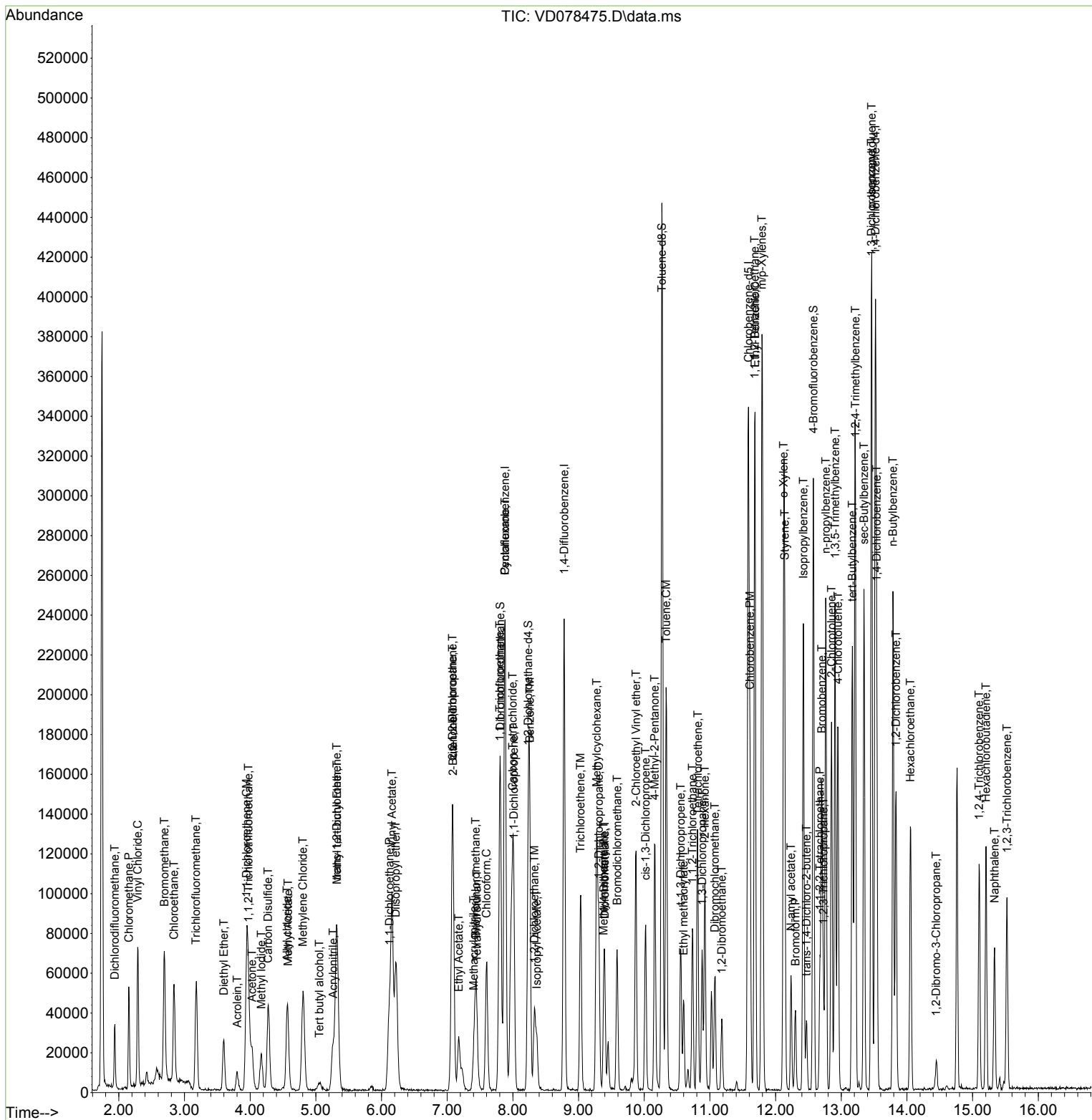
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

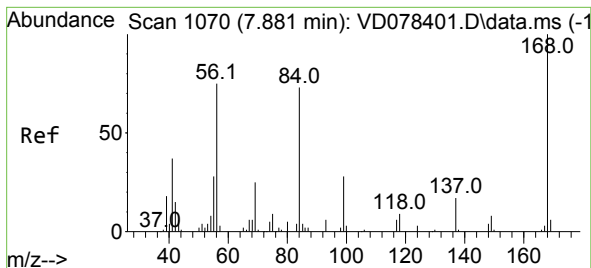
Quant Time: Feb 21 05:20:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

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

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

Quant Time: Feb 21 05:20:49 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: VD078475.D

Acq: 20 Feb 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

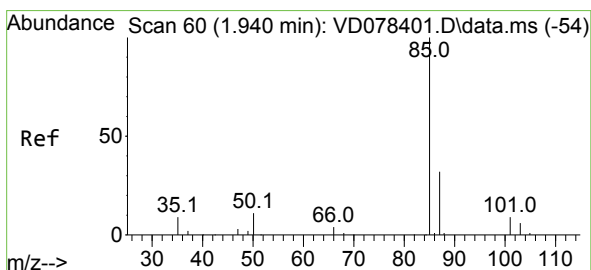
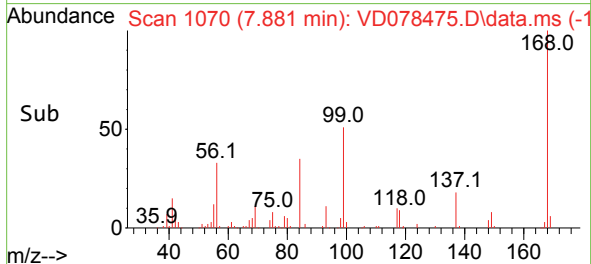
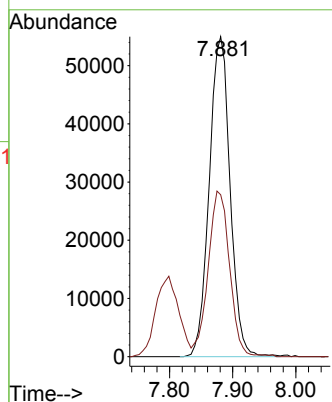
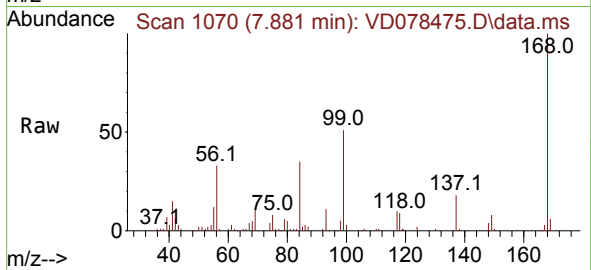
VD0220SBS01

Tgt Ion:168 Resp: 126041

Ion Ratio Lower Upper

168 100

99 50.6 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 19.262 ug/l

RT: 1.940 min Scan# 60

Delta R.T. 0.000 min

Lab File: VD078475.D

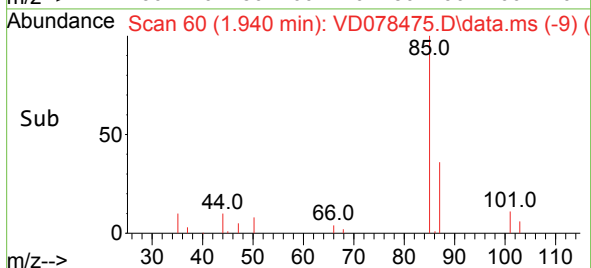
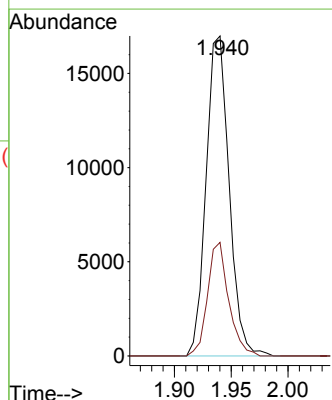
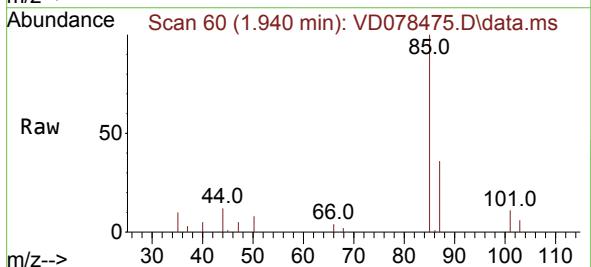
Acq: 20 Feb 2024 10:47

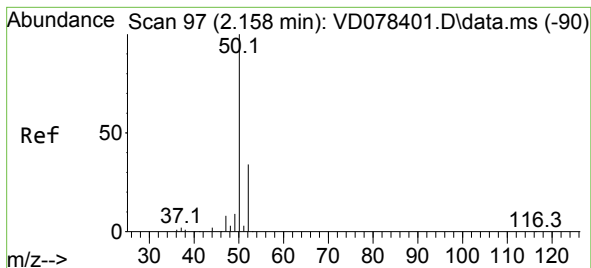
Tgt Ion: 85 Resp: 23921

Ion Ratio Lower Upper

85 100

87 35.5 15.7 47.0





#3

Chloromethane

Concen: 17.834 ug/l

RT: 2.152 min Scan# 90

Delta R.T. -0.006 min

Lab File: VD078475.D

Acq: 20 Feb 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

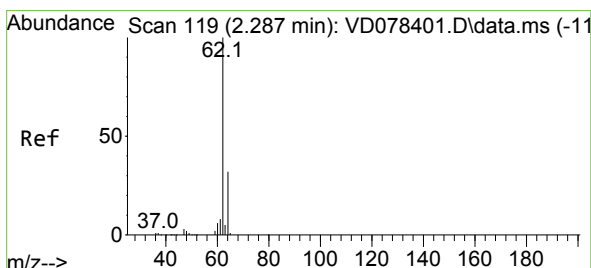
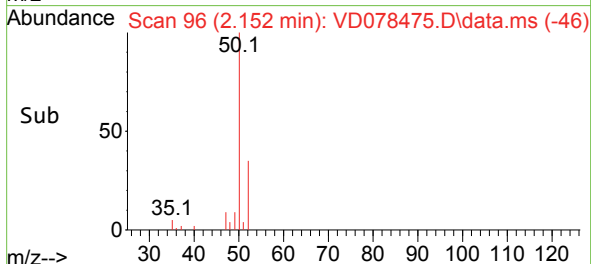
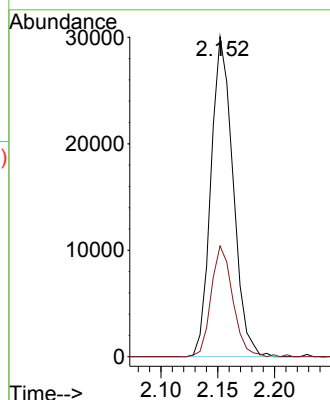
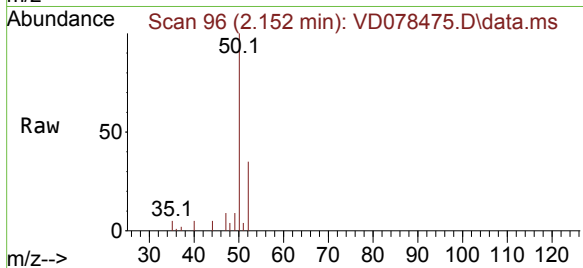
VD0220SBS01

Tgt Ion: 50 Resp: 40701

Ion Ratio Lower Upper

50 100

52 34.6 26.6 40.0



#4

Vinyl Chloride

Concen: 18.108 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.000 min

Lab File: VD078475.D

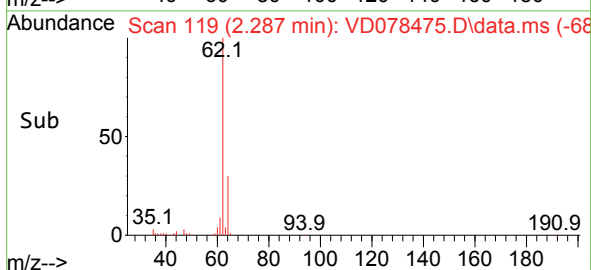
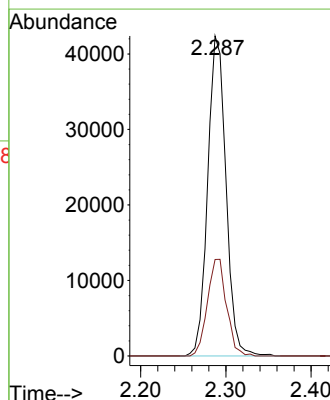
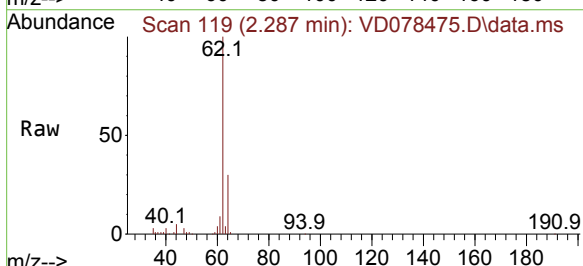
Acq: 20 Feb 2024 10:47

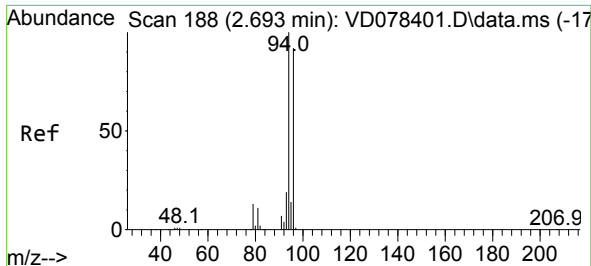
Tgt Ion: 62 Resp: 63061

Ion Ratio Lower Upper

62 100

64 30.1 26.0 39.0

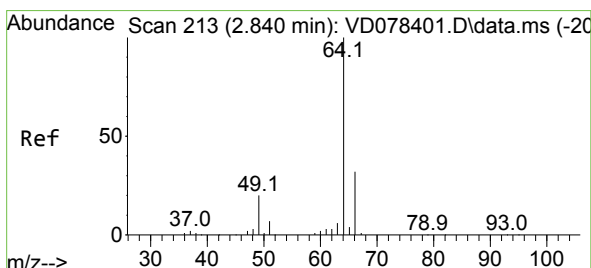
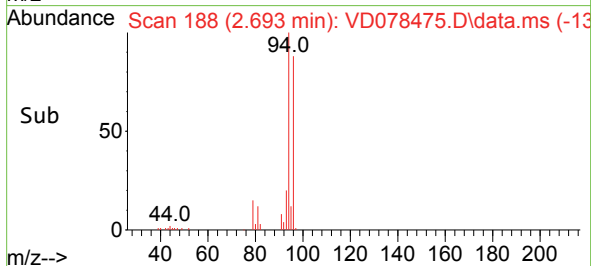
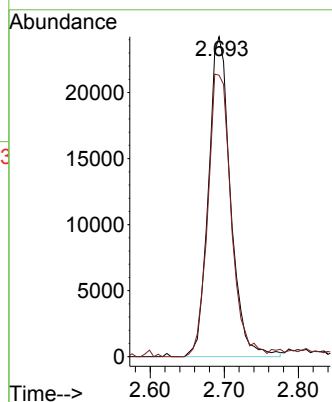
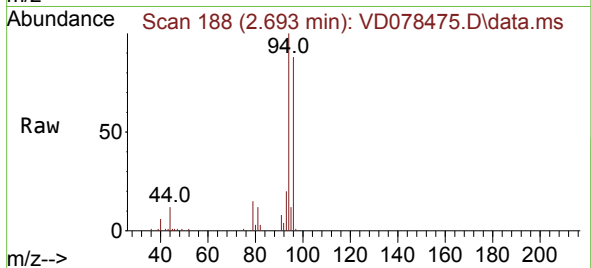




#5
Bromomethane
Concen: 20.887 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

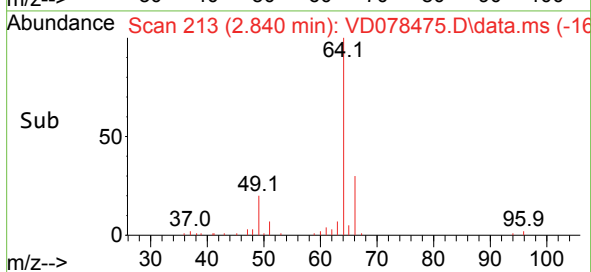
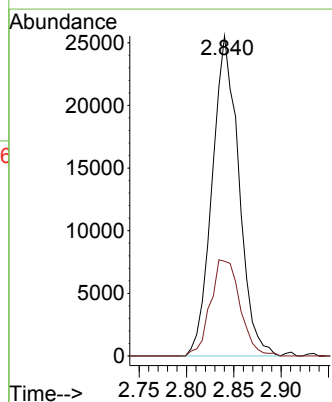
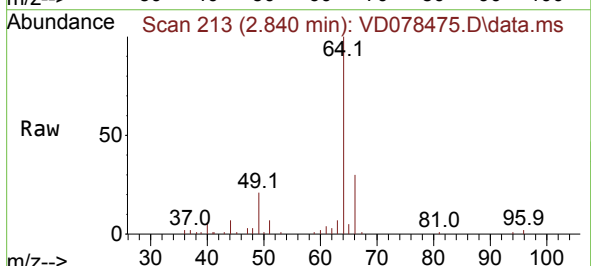
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

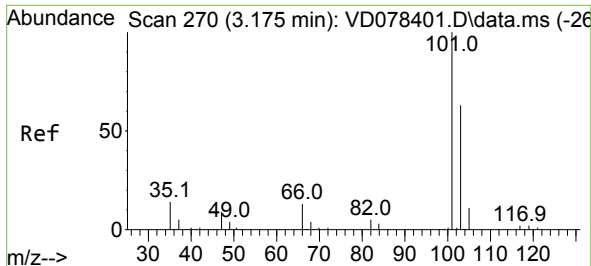
Tgt Ion: 94 Resp: 50210
Ion Ratio Lower Upper
94 100
96 93.0 75.8 113.8



#6
Chloroethane
Concen: 19.696 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Tgt Ion: 64 Resp: 50017
Ion Ratio Lower Upper
64 100
66 29.6 25.5 38.3

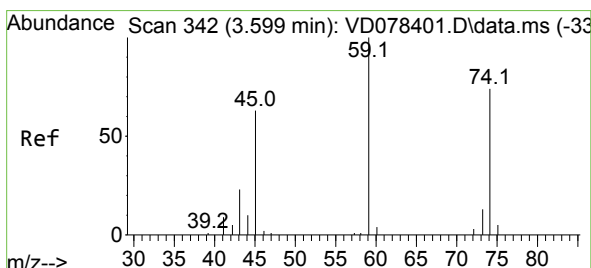
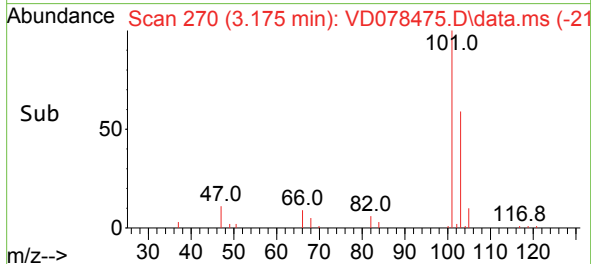
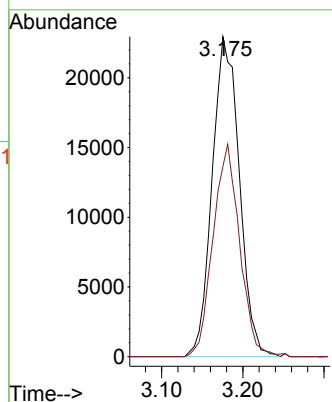
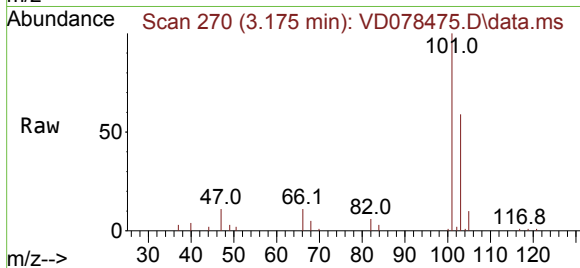




#7
 Trichlorofluoromethane
 Concen: 22.681 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078475.D
 Acq: 20 Feb 2024 10:47

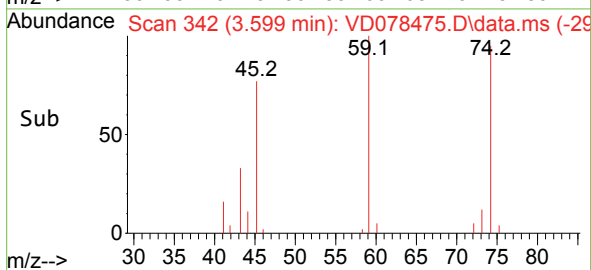
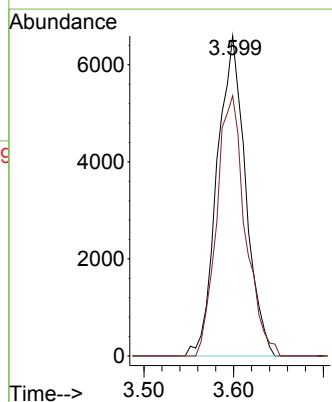
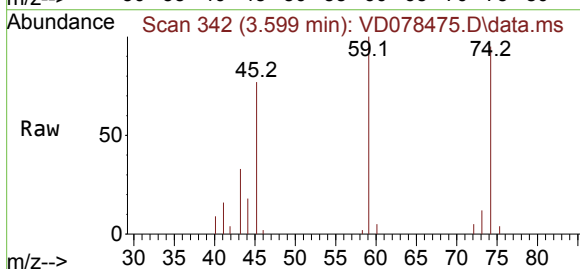
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0220SBS01

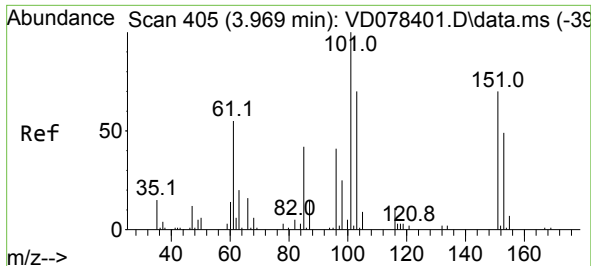
Tgt Ion:101 Resp: 53283
 Ion Ratio Lower Upper
 101 100
 103 59.5 52.3 78.5



#8
 Diethyl Ether
 Concen: 21.415 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VD078475.D
 Acq: 20 Feb 2024 10:47

Tgt Ion: 74 Resp: 14491
 Ion Ratio Lower Upper
 74 100
 45 82.1 37.5 112.7

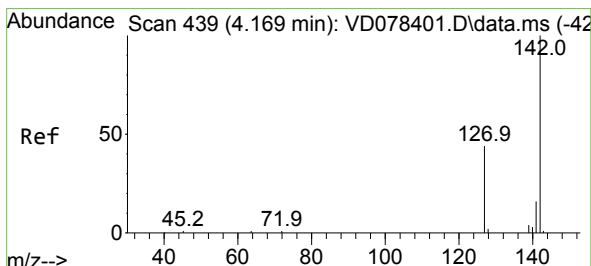
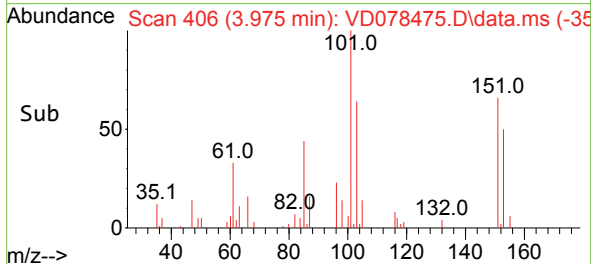
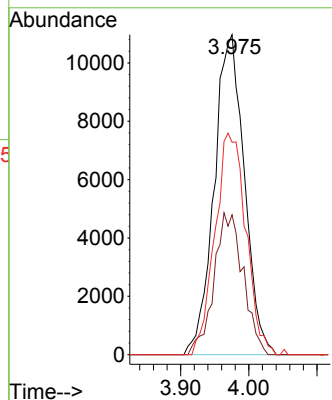
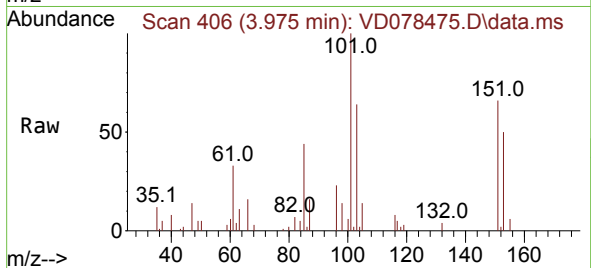




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.795 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

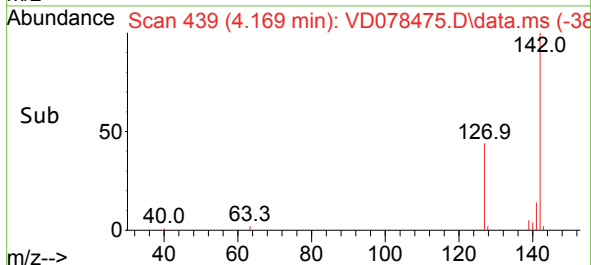
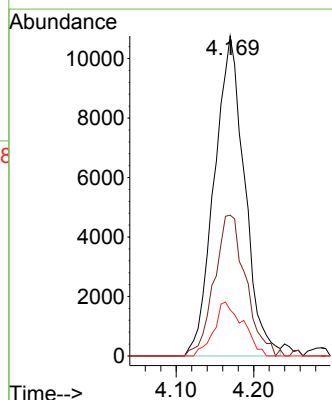
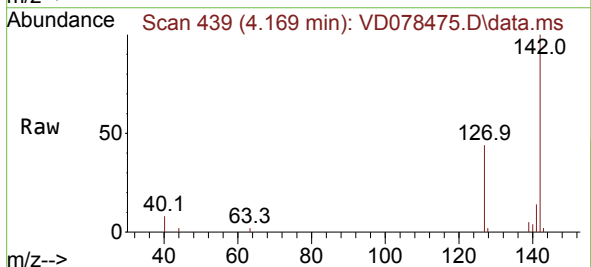
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

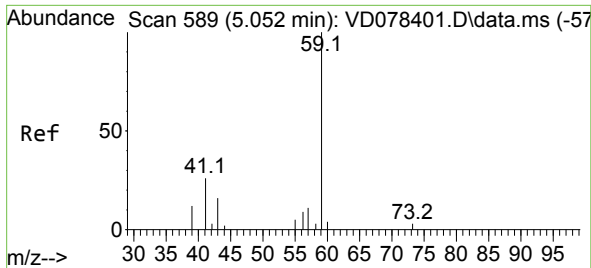
Tgt Ion:101 Resp: 33783
Ion Ratio Lower Upper
101 100
85 42.9 33.8 50.6
151 71.1 59.8 89.6



#10
Methyl Iodide
Concen: 22.045 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Tgt Ion:142 Resp: 29262
Ion Ratio Lower Upper
142 100
127 45.8 29.4 44.0#
141 16.2 11.1 16.7

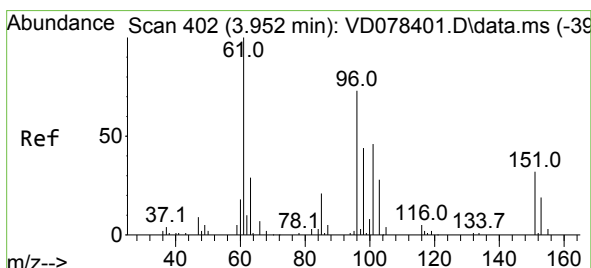
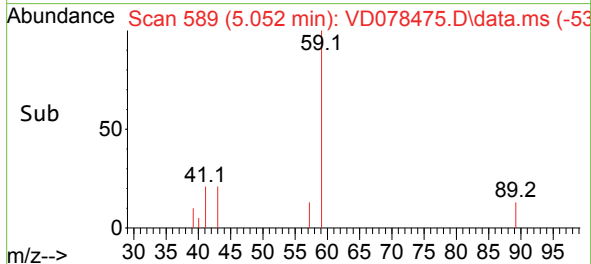
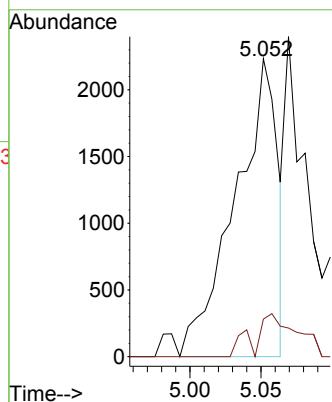
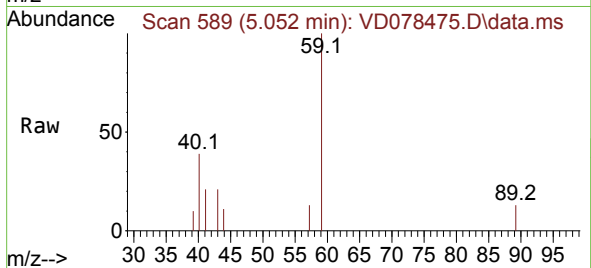




#11
Tert butyl alcohol
Concen: 58.062 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

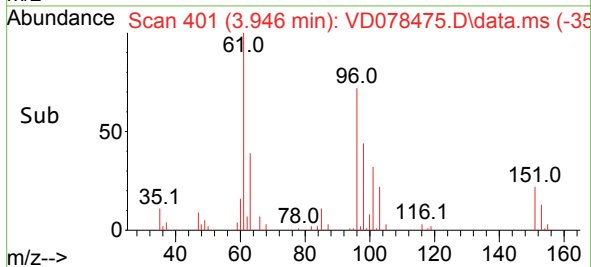
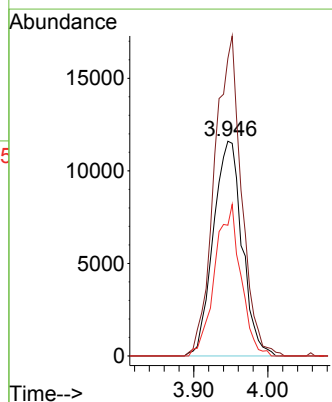
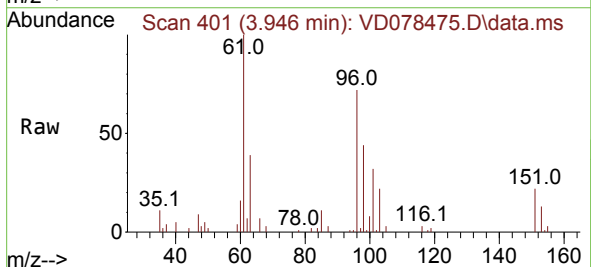
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

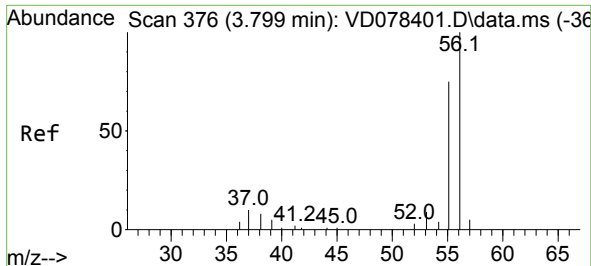
Tgt Ion: 59 Resp: 4609
Ion Ratio Lower Upper
59 100
57 14.8 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 22.821 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Tgt Ion: 96 Resp: 31356
Ion Ratio Lower Upper
96 100
61 138.5 100.6 150.8
98 60.9 50.2 75.2





#13

Acrolein

Concen: 83.280 ug/l

RT: 3.805 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD078475.D

Acq: 20 Feb 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

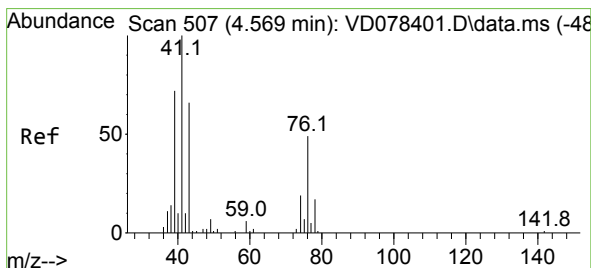
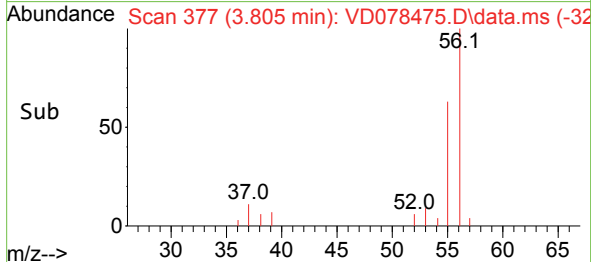
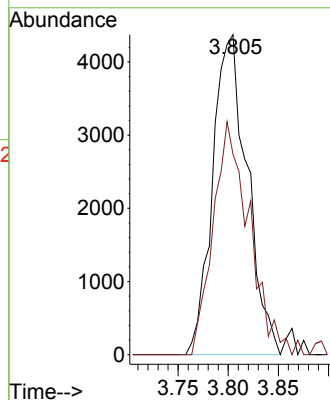
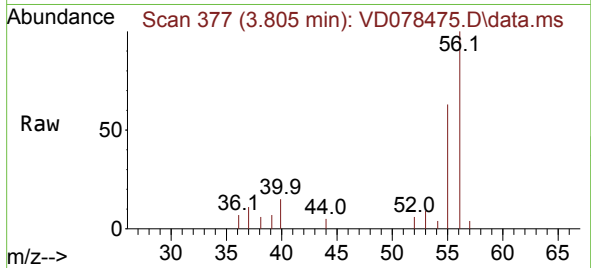
VD0220SBS01

Tgt Ion: 56 Resp: 10485

Ion Ratio Lower Upper

56 100

55 76.3 55.1 82.7



#14

Allyl chloride

Concen: 20.010 ug/l

RT: 4.564 min Scan# 506

Delta R.T. -0.006 min

Lab File: VD078475.D

Acq: 20 Feb 2024 10:47

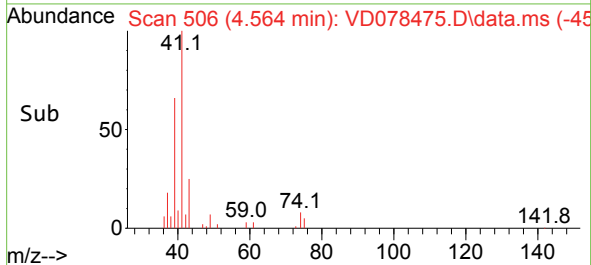
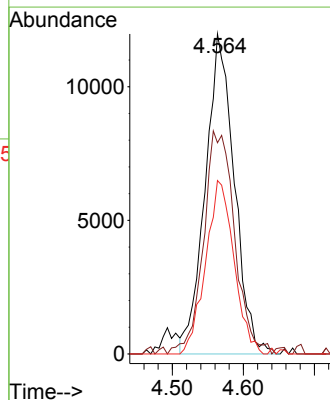
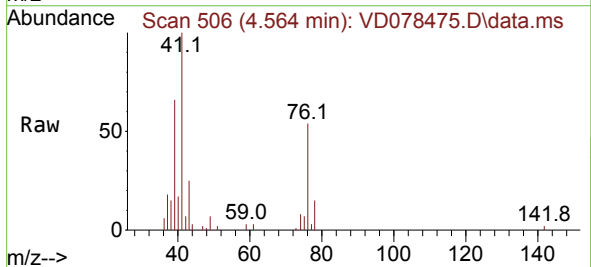
Tgt Ion: 41 Resp: 33965

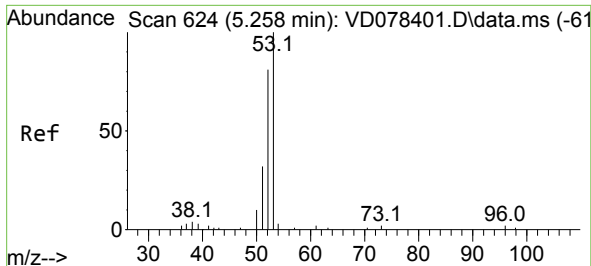
Ion Ratio Lower Upper

41 100

39 74.8 53.8 80.6

76 52.8 45.8 68.8

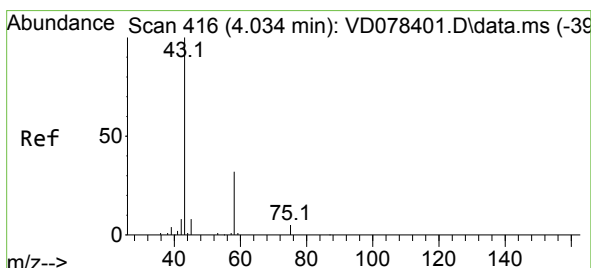
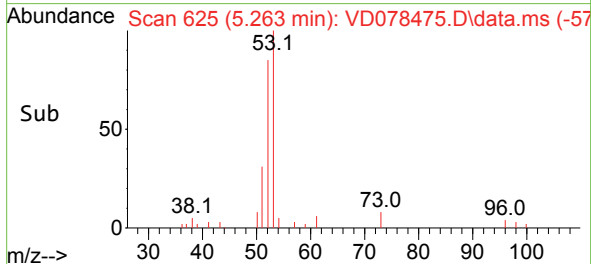
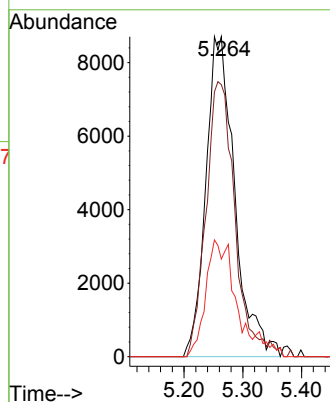
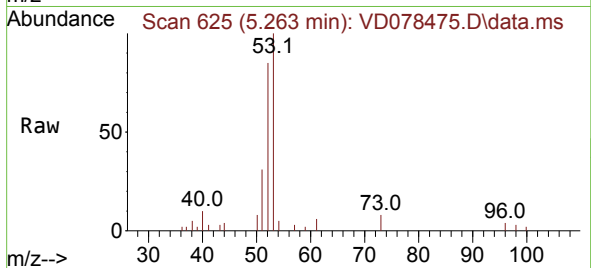




#15
Acrylonitrile
Concen: 102.721 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

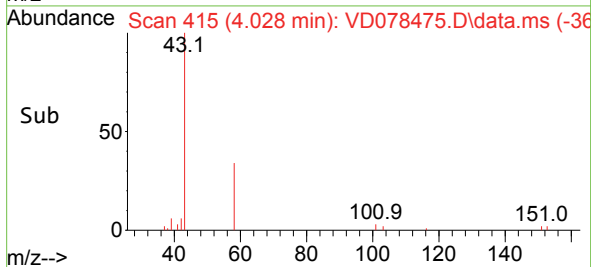
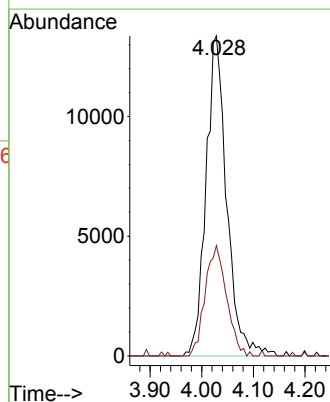
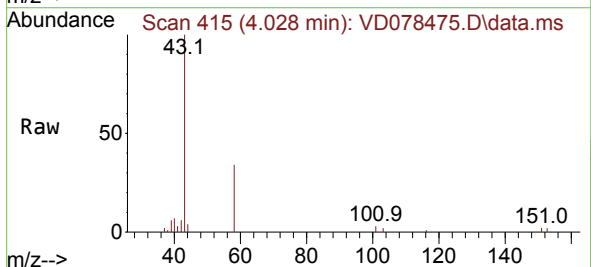
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

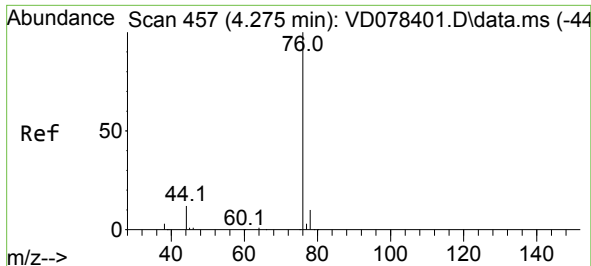
Tgt Ion:	53	Resp:	29755
Ion	Ratio	Lower	Upper
53	100		
52	85.7	65.0	97.4
51	35.8	28.3	42.5



#16
Acetone
Concen: 128.340 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Tgt Ion:	43	Resp:	37229
Ion	Ratio	Lower	Upper
43	100		
58	34.5	34.7	52.1#

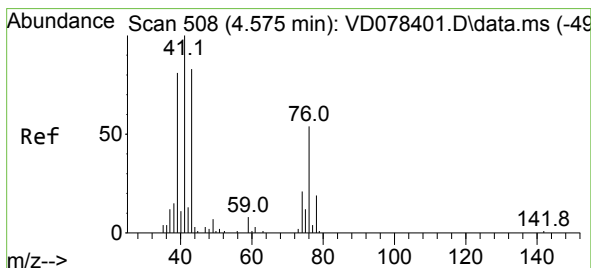
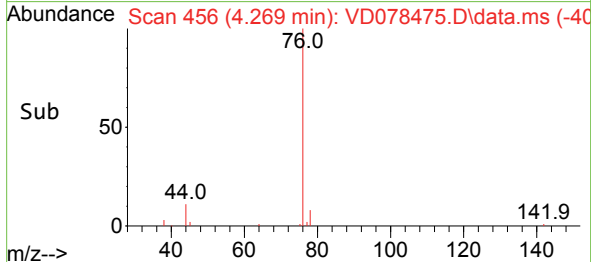
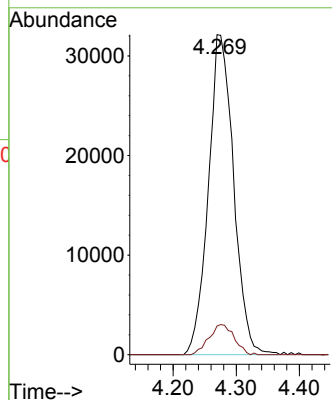
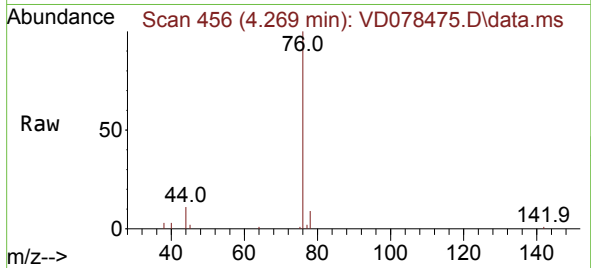




#17
Carbon Disulfide
Concen: 19.281 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

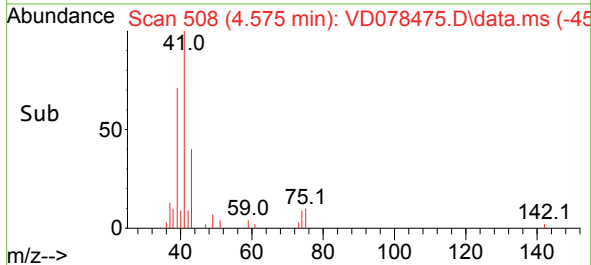
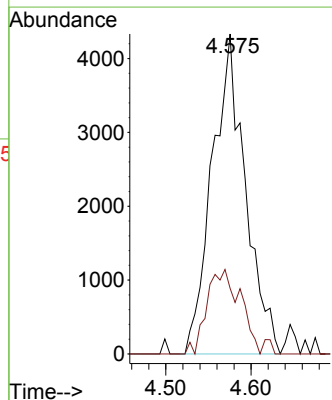
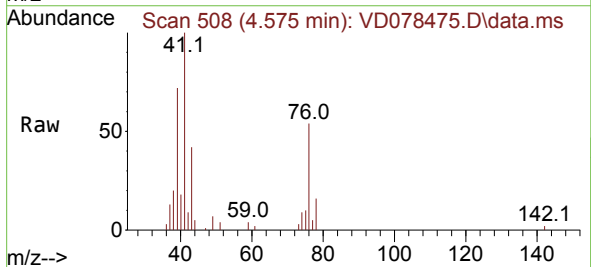
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

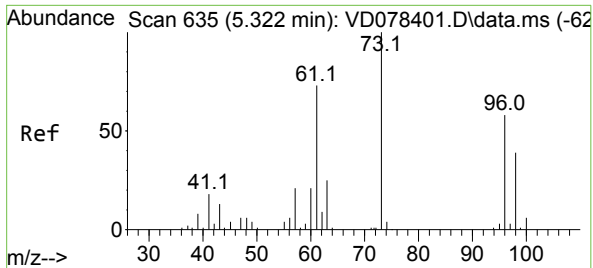
Tgt Ion: 76 Resp: 89142
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 15.110 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Tgt Ion: 43 Resp: 11750
Ion Ratio Lower Upper
43 100
74 26.6 26.4 39.6

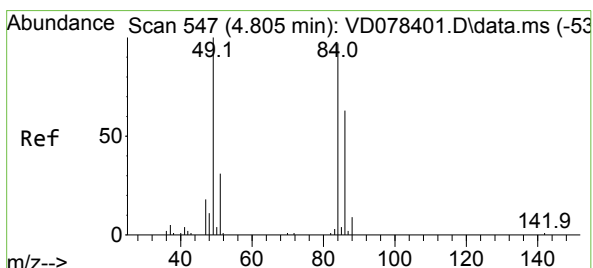
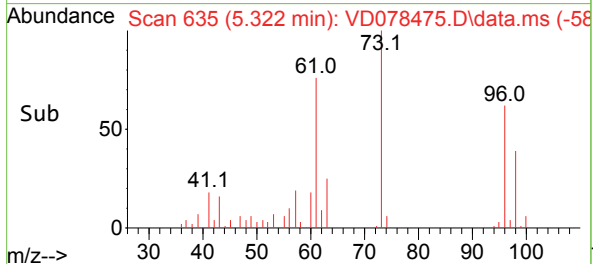
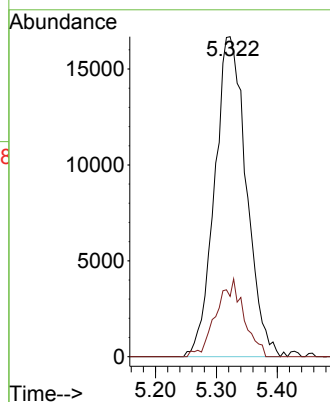
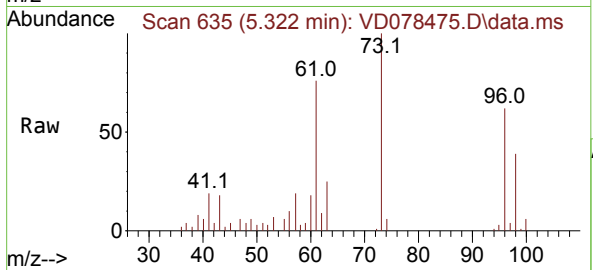




#19
Methyl tert-butyl Ether
Concen: 20.641 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

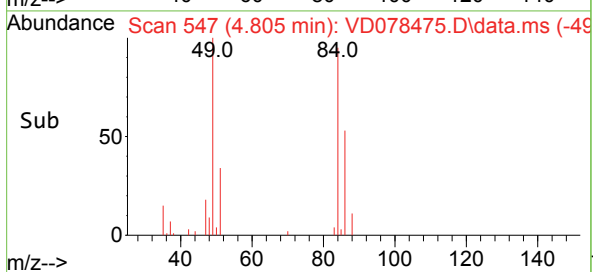
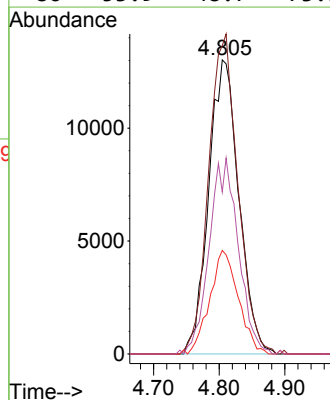
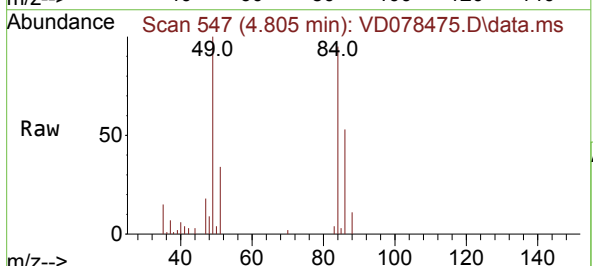
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

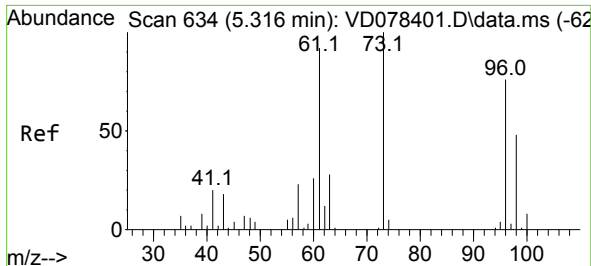
Tgt Ion: 73 Resp: 60257
Ion Ratio Lower Upper
73 100
57 18.8 16.6 25.0



#20
Methylene Chloride
Concen: 25.469 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Tgt Ion: 84 Resp: 41660
Ion Ratio Lower Upper
84 100
49 104.8 71.4 107.2
51 35.2 24.5 36.7
86 53.9 48.7 73.1

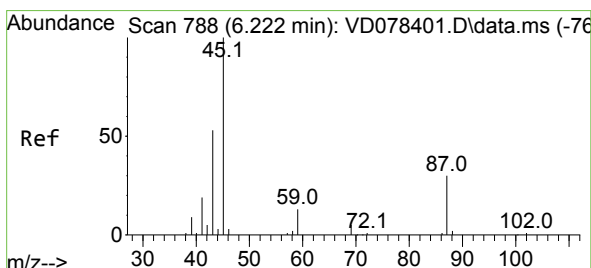
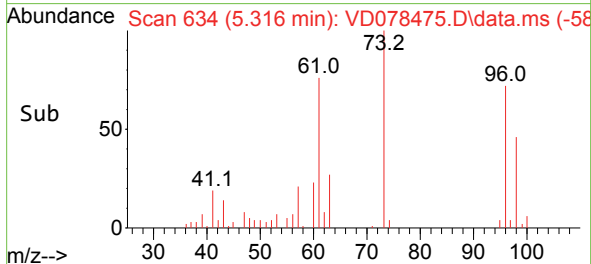
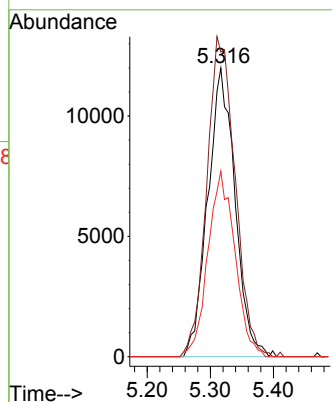
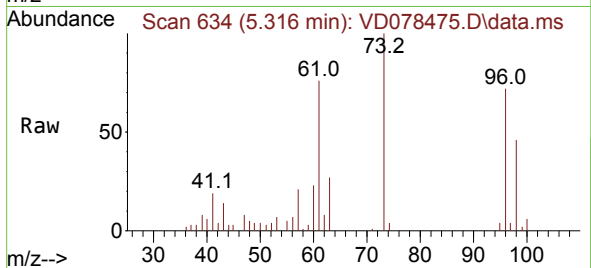




#21
trans-1,2-Dichloroethene
Concen: 22.201 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

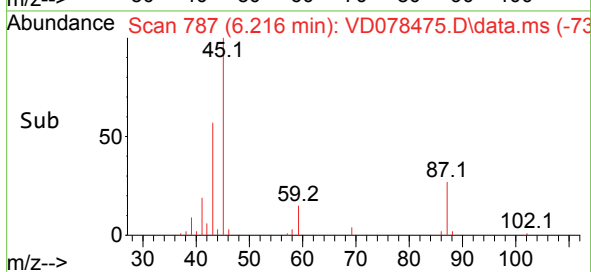
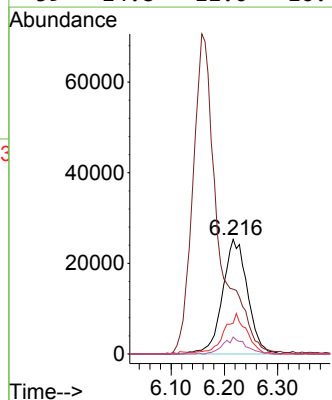
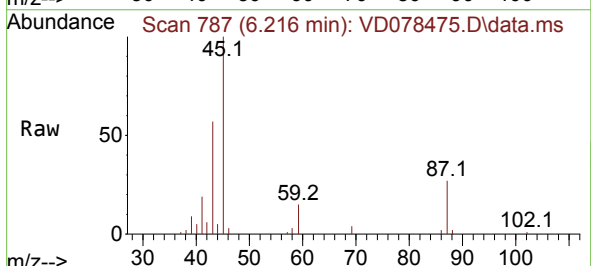
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

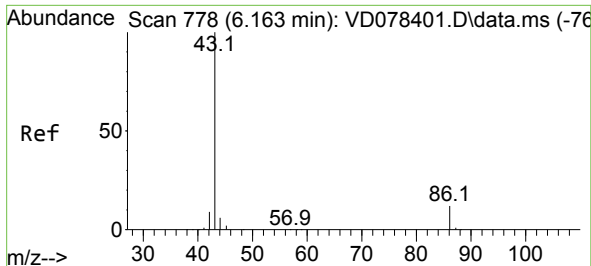
Tgt Ion: 96 Resp: 35886
Ion Ratio Lower Upper
96 100
61 105.6 89.3 133.9
98 64.2 48.6 73.0



#22
Diisopropyl ether
Concen: 21.959 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Tgt Ion: 45 Resp: 82155
Ion Ratio Lower Upper
45 100
43 54.4 40.0 60.0
87 26.8 28.2 42.4#
59 14.8 11.0 16.4

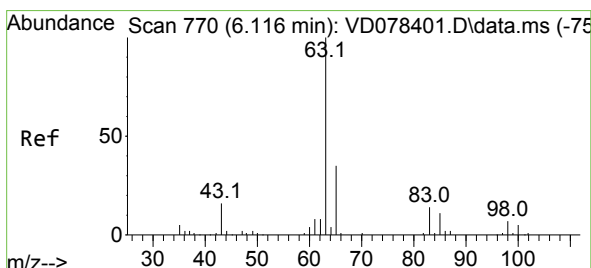
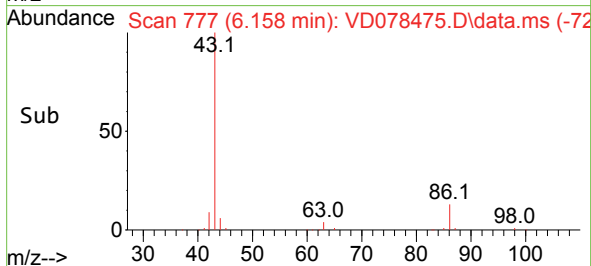
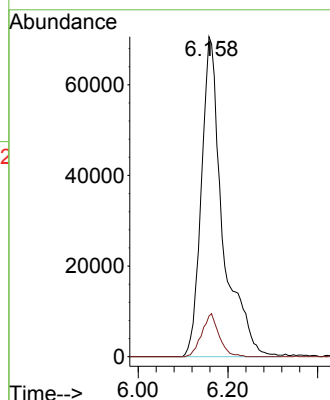
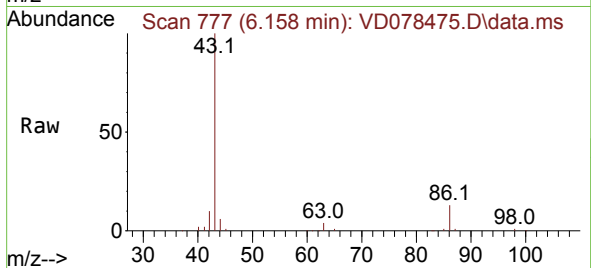




#23
 Vinyl Acetate
 Concen: 146.550 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. -0.005 min
 Lab File: VD078475.D
 Acq: 20 Feb 2024 10:47

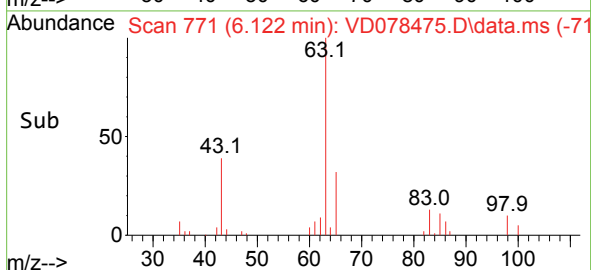
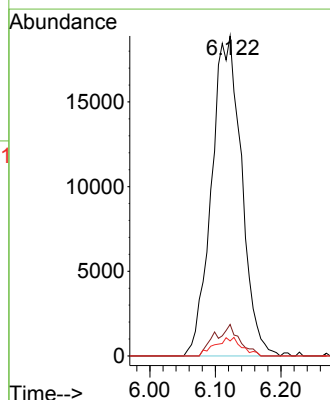
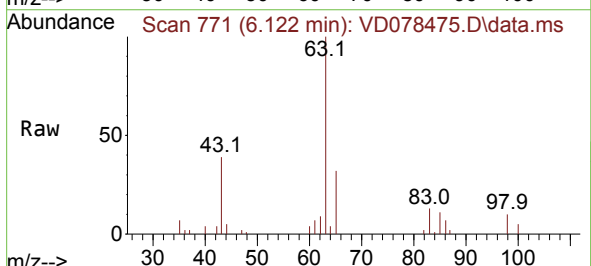
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0220SBS01

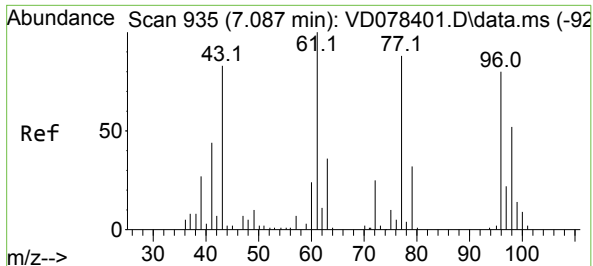
Tgt Ion: 43 Resp: 233605
 Ion Ratio Lower Upper
 43 100
 86 12.7 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 22.653 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.006 min
 Lab File: VD078475.D
 Acq: 20 Feb 2024 10:47

Tgt Ion: 63 Resp: 60036
 Ion Ratio Lower Upper
 63 100
 98 9.8 4.5 13.7
 100 4.7 2.5 7.5





#25

2-Butanone

Concen: 111.075 ug/l

RT: 7.087 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078475.D

Acq: 20 Feb 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

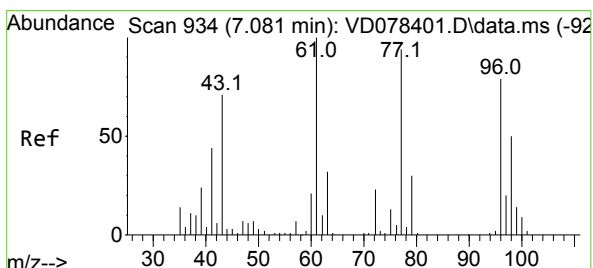
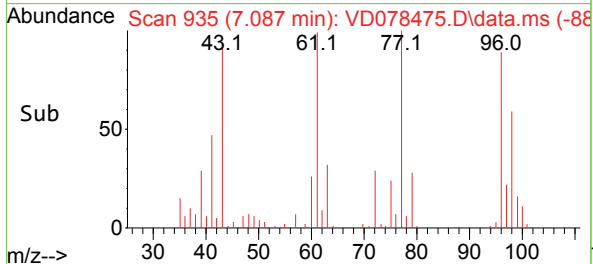
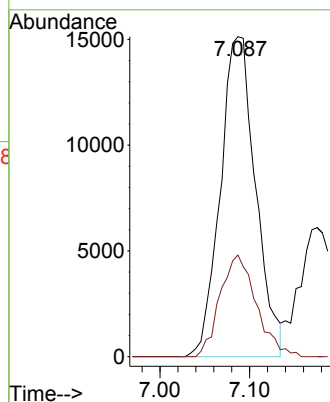
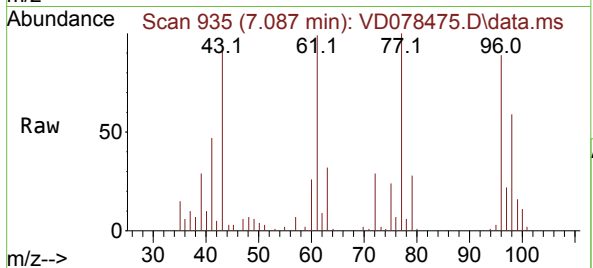
VD0220SBS01

Tgt Ion: 43 Resp: 41365

Ion Ratio Lower Upper

43 100

72 31.7 30.7 46.1



#26

2,2-Dichloropropane

Concen: 23.440 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD078475.D

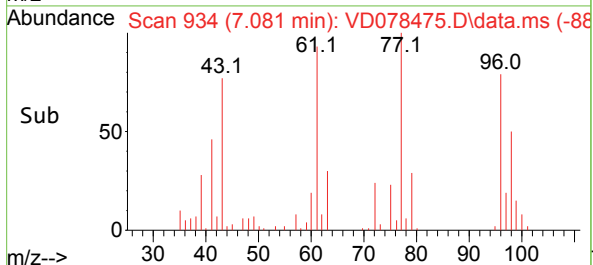
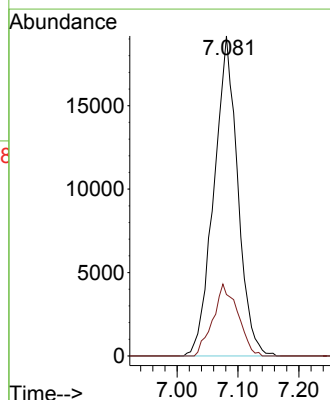
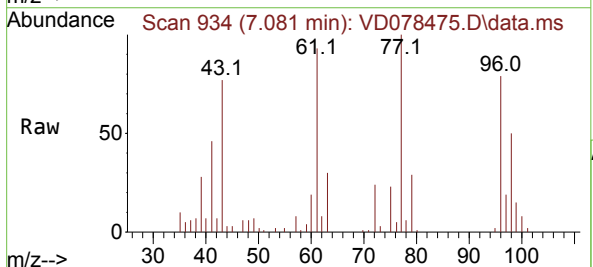
Acq: 20 Feb 2024 10:47

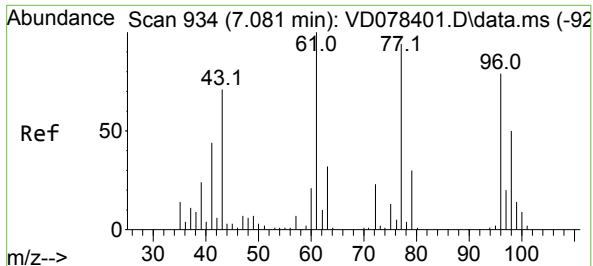
Tgt Ion: 77 Resp: 52077

Ion Ratio Lower Upper

77 100

97 23.5 13.2 39.6

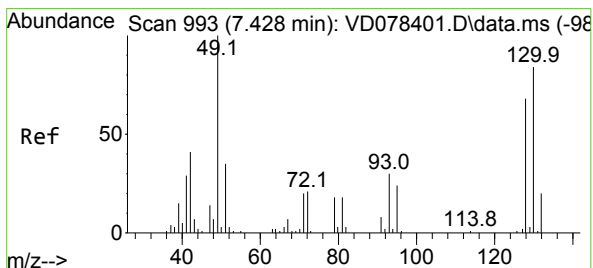
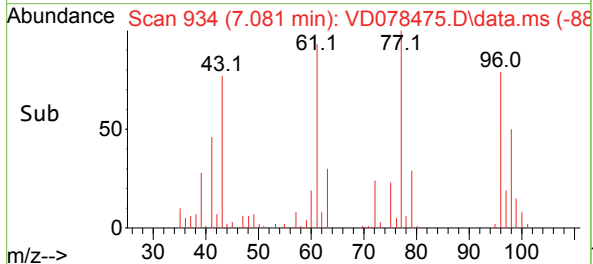
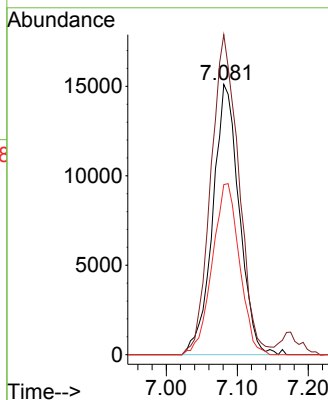
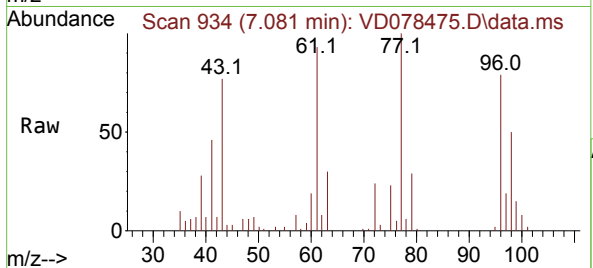




#27
 cis-1,2-Dichloroethene
 Concen: 22.027 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078475.D
 Acq: 20 Feb 2024 10:47

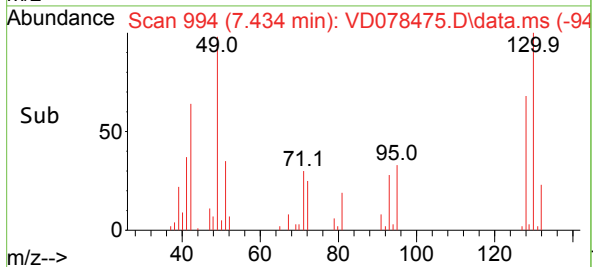
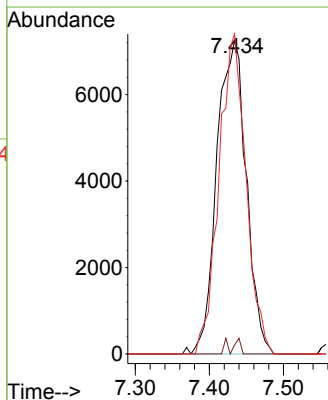
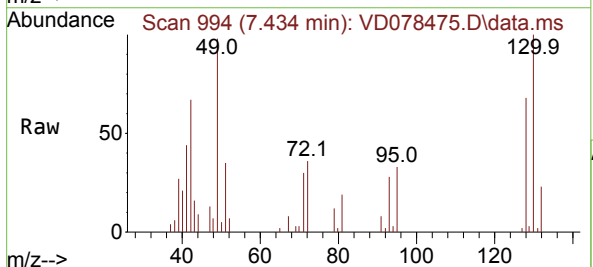
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0220SBS01

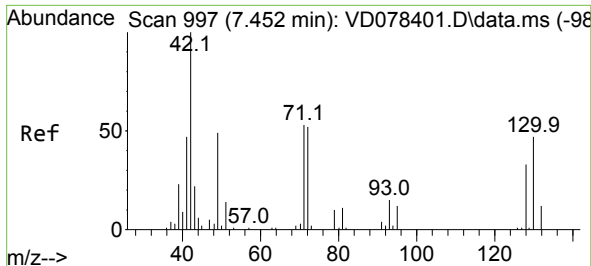
Tgt Ion: 96	Resp: 39064
Ion Ratio	Lower Upper
96 100	
61 125.1	0.0 239.2
98 65.1	0.0 128.6



#28
 Bromochloromethane
 Concen: 19.059 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VD078475.D
 Acq: 20 Feb 2024 10:47

Tgt Ion: 49	Resp: 20007
Ion Ratio	Lower Upper
49 100	
129 1.0	0.0 6.0
130 93.6	83.2 124.8





#29

Tetrahydrofuran

Concen: 100.330 ug/l

RT: 7.452 min Scan# 997

Delta R.T. 0.000 min

Lab File: VD078475.D

Acq: 20 Feb 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VD0220SBS01

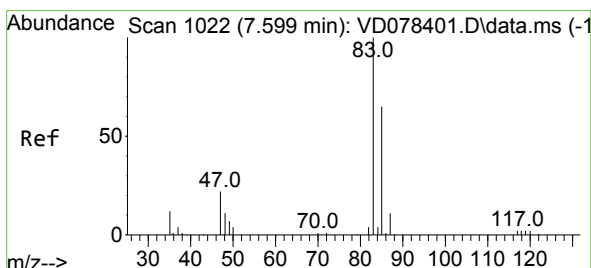
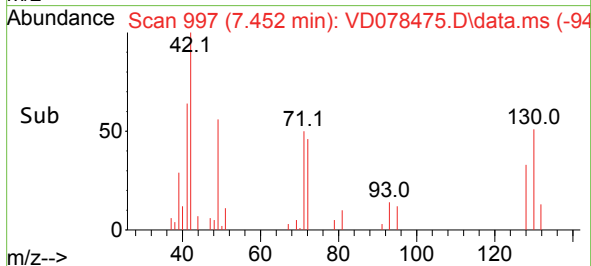
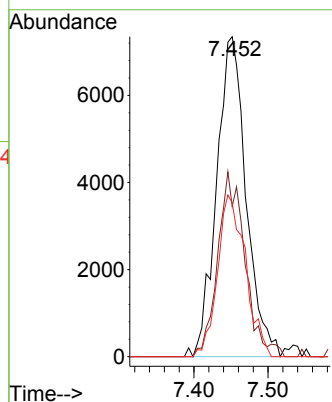
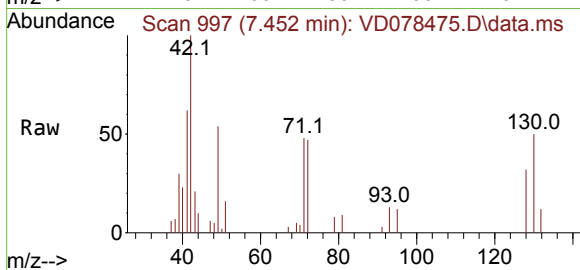
Tgt Ion: 42 Resp: 20334

Ion Ratio Lower Upper

42 100

72 53.2 46.5 69.7

71 47.8 44.5 66.7



#30

Chloroform

Concen: 22.751 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078475.D

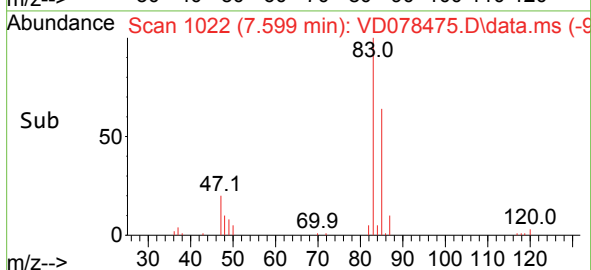
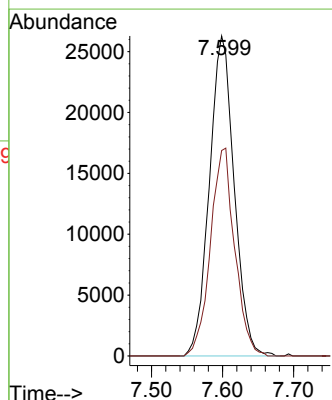
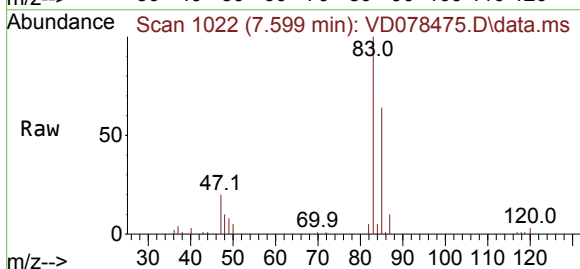
Acq: 20 Feb 2024 10:47

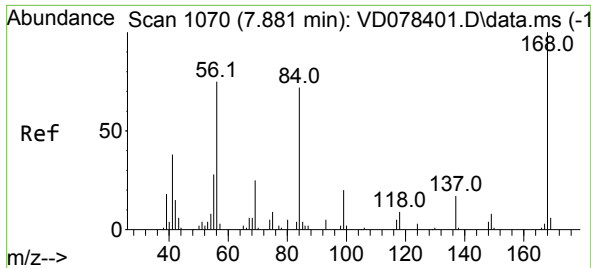
Tgt Ion: 83 Resp: 63796

Ion Ratio Lower Upper

83 100

85 64.2 53.4 80.2

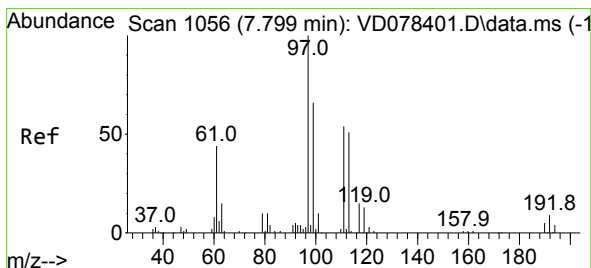
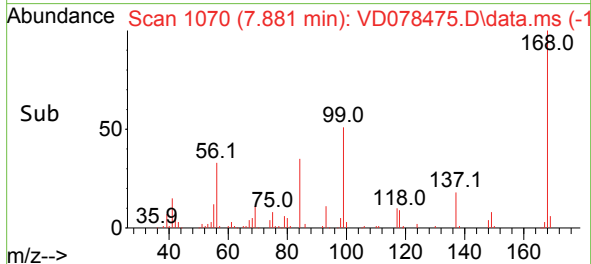
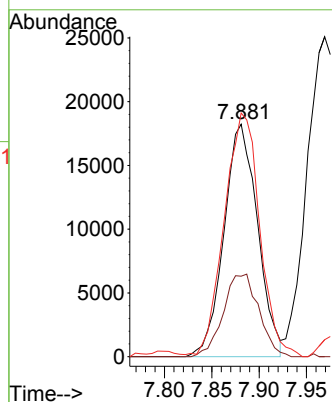
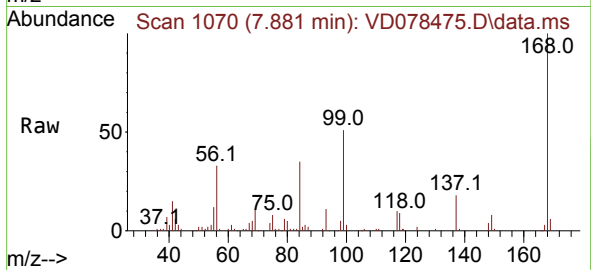




#31
Cyclohexane
Concen: 19.559 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

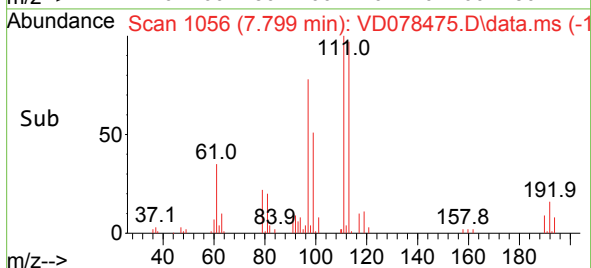
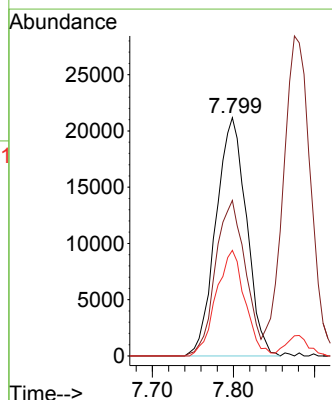
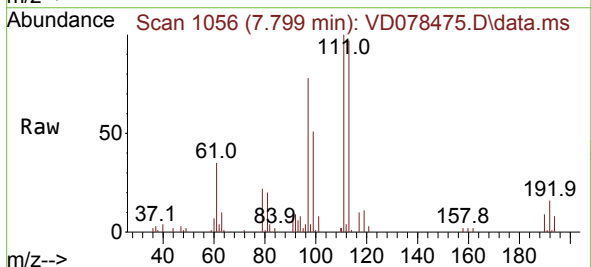
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

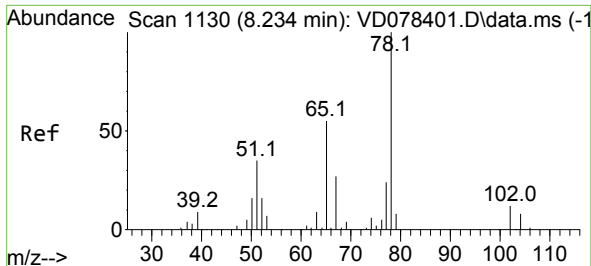
Tgt Ion: 56 Resp: 45091
Ion Ratio Lower Upper
56 100
69 34.6 28.6 43.0
84 103.8 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 23.154 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Tgt Ion: 97 Resp: 55355
Ion Ratio Lower Upper
97 100
99 63.7 52.0 78.0
61 42.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 53.621 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078475.D

Acq: 20 Feb 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

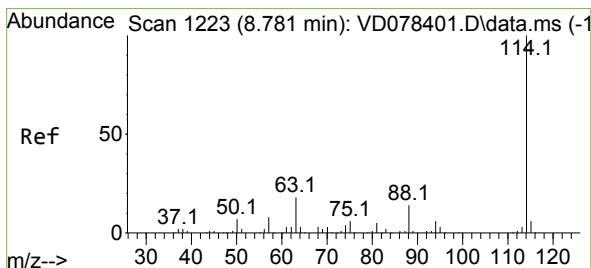
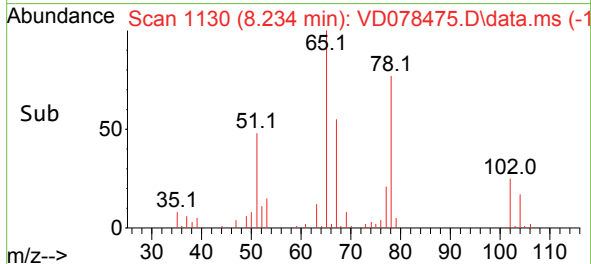
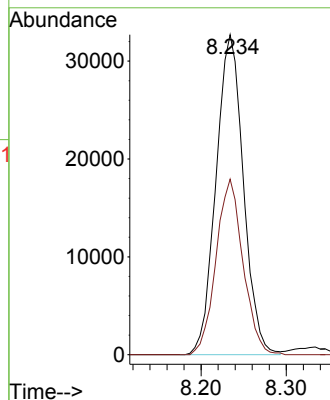
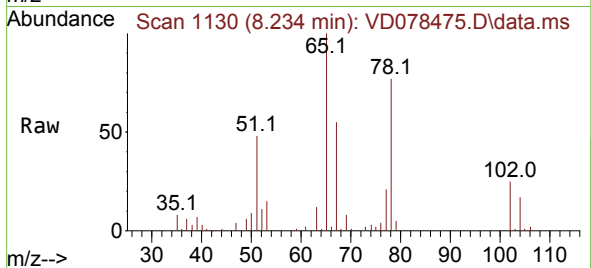
VD0220SBS01

Tgt Ion: 65 Resp: 73076

Ion Ratio Lower Upper

65 100

67 54.1 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: VD078475.D

Acq: 20 Feb 2024 10:47

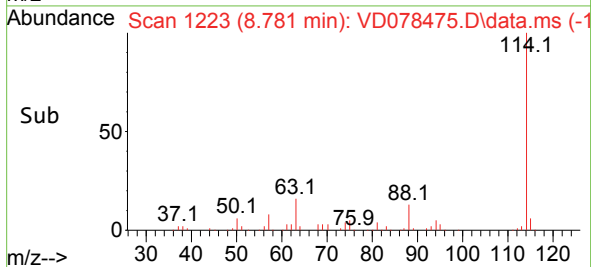
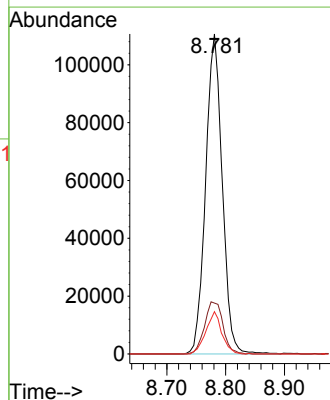
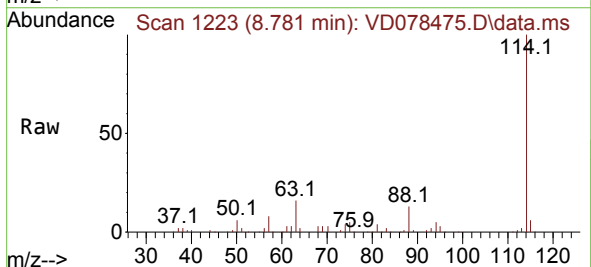
Tgt Ion:114 Resp: 217397

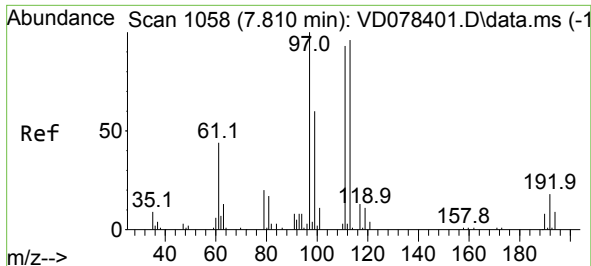
Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.4

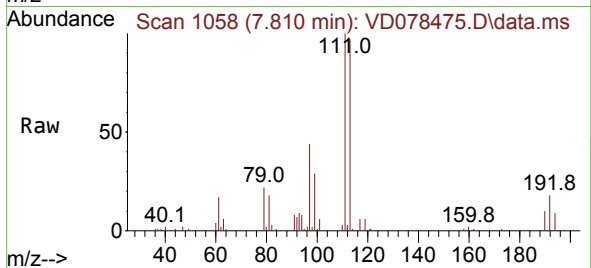
88 13.2 0.0 26.2



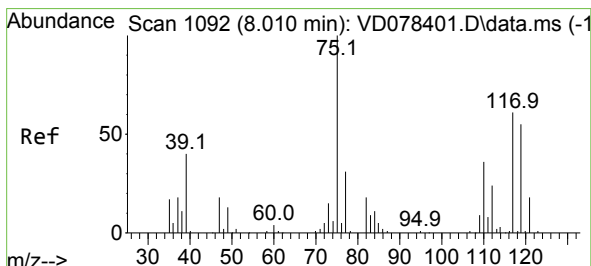
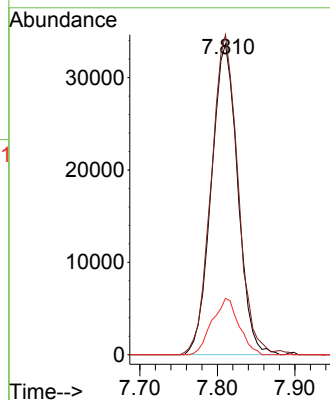
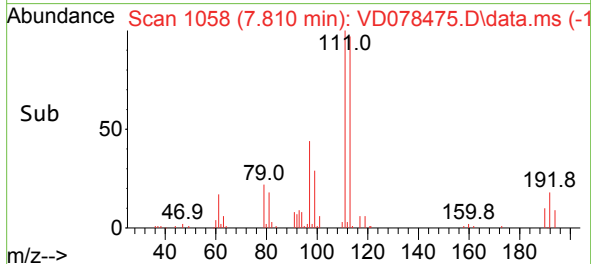


#35
Dibromofluoromethane
Concen: 57.668 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

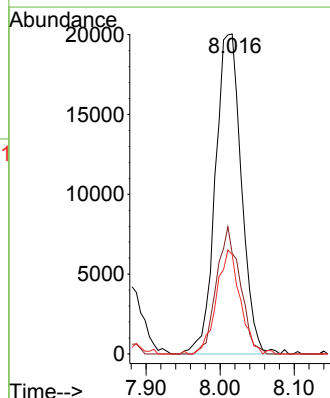
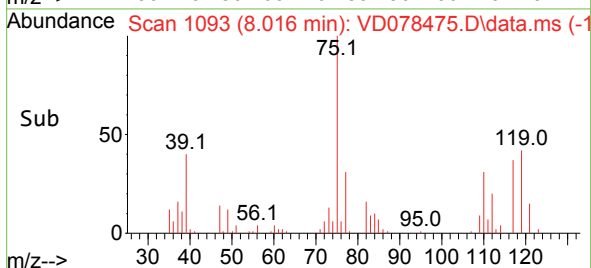
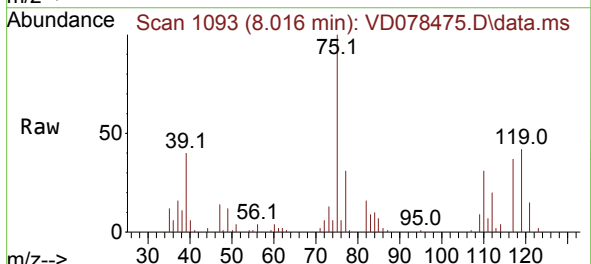


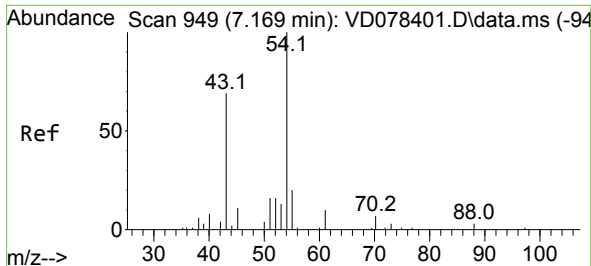
Tgt Ion:113 Resp: 79636
Ion Ratio Lower Upper
113 100
111 104.7 84.7 127.1
192 18.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 22.805 ug/l
RT: 8.016 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Tgt Ion: 75 Resp: 48922
Ion Ratio Lower Upper
75 100
110 35.8 19.9 59.6
77 29.8 24.7 37.1





#37

Ethyl Acetate

Concen: 21.291 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078475.D

Acq: 20 Feb 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VD0220SBS01

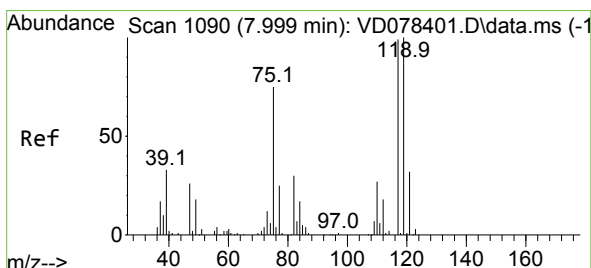
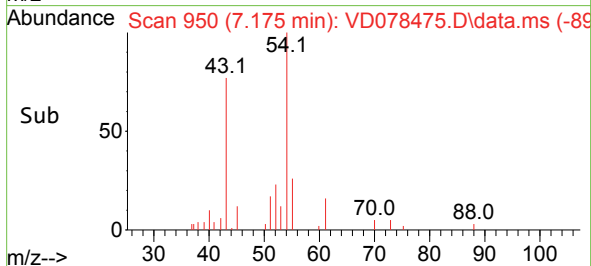
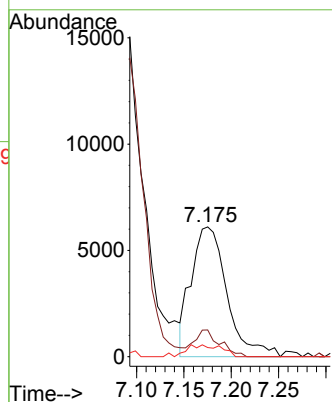
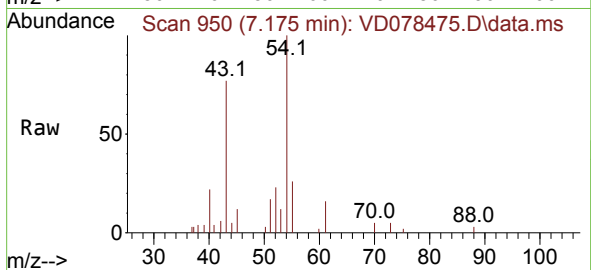
Tgt Ion: 43 Resp: 16011

Ion Ratio Lower Upper

43 100

61 14.4 14.9 22.3#

70 8.9 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 23.421 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VD078475.D

Acq: 20 Feb 2024 10:47

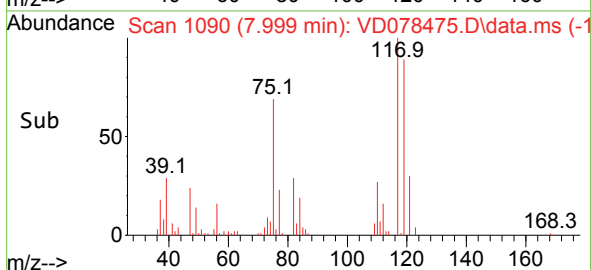
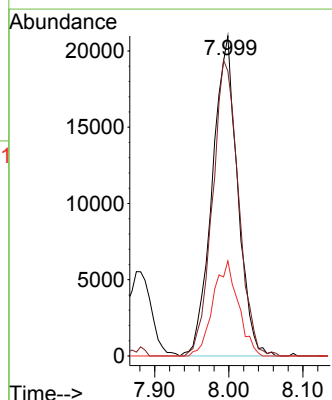
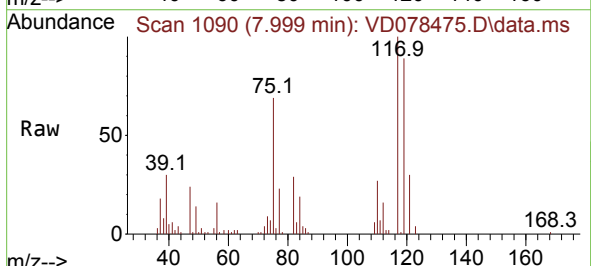
Tgt Ion: 117 Resp: 49758

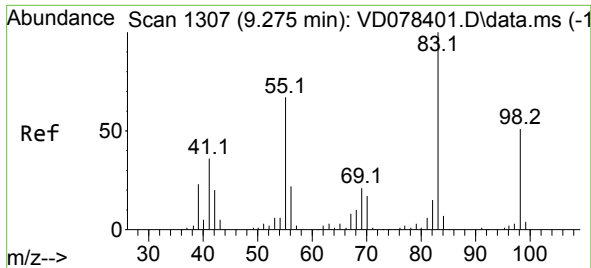
Ion Ratio Lower Upper

117 100

119 89.0 78.0 117.0

121 29.7 24.2 36.2

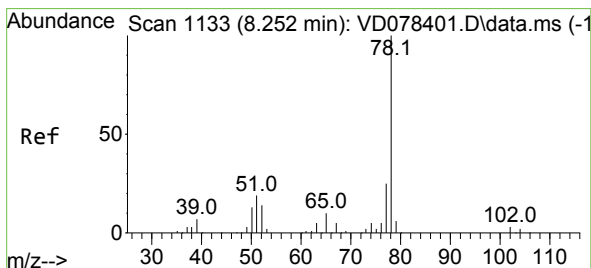
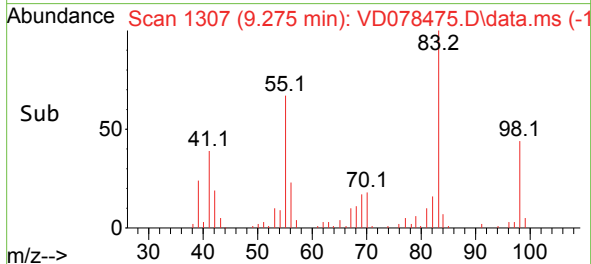
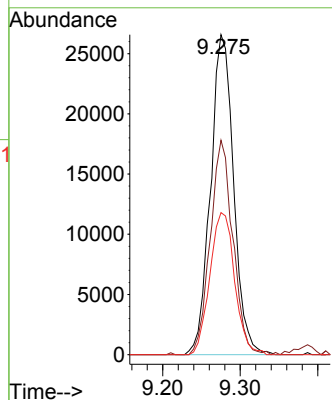
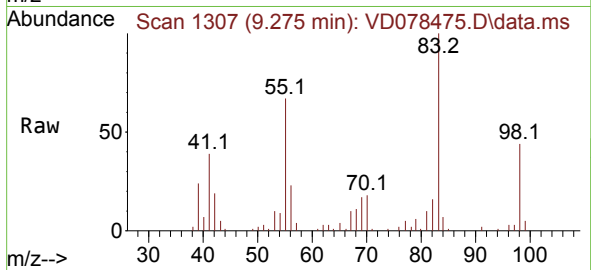




#39
Methylcyclohexane
Concen: 21.601 ug/l
RT: 9.275 min Scan# 1137
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

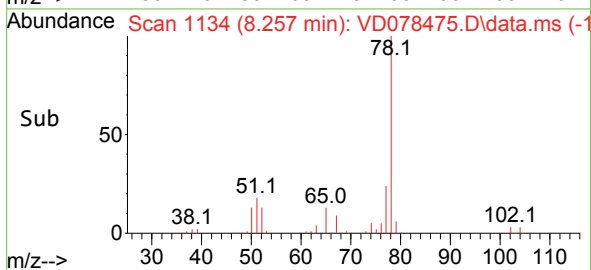
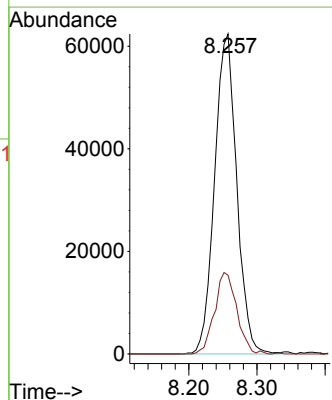
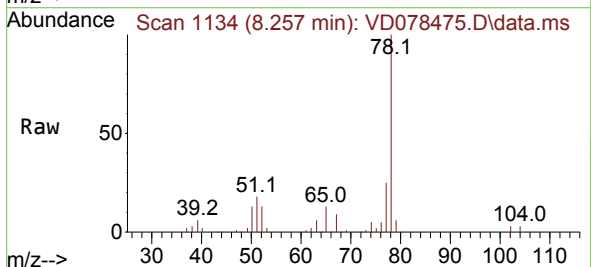
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

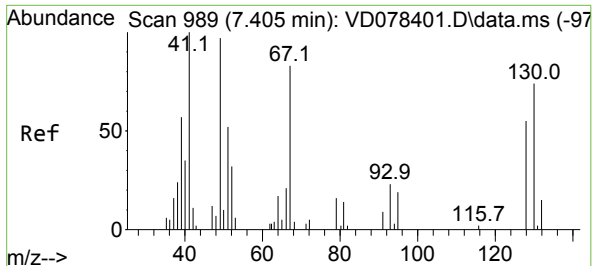
Tgt Ion: 83 Resp: 55014
Ion Ratio Lower Upper
83 100
55 67.0 49.4 74.0
98 44.4 38.4 57.6



#40
Benzene
Concen: 22.734 ug/l
RT: 8.257 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Tgt Ion: 78 Resp: 140968
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.0

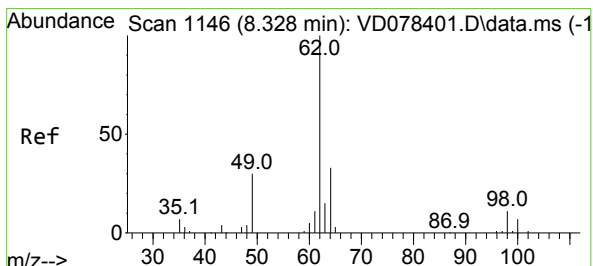
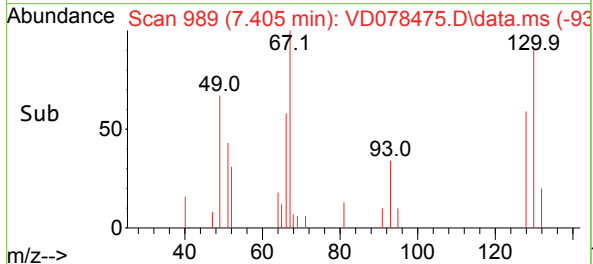
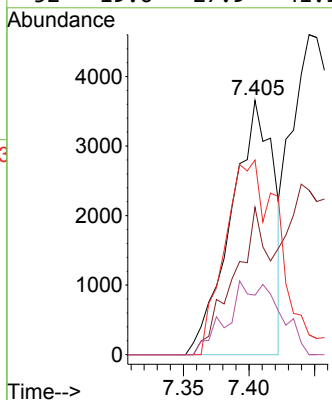
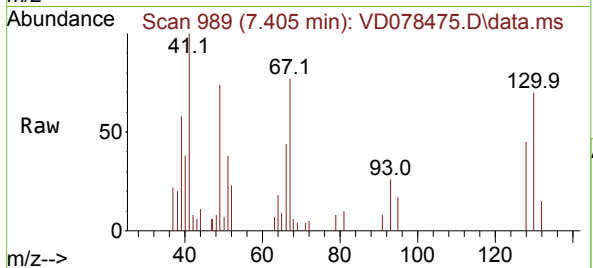




#41
Methacrylonitrile
Concen: 21.115 ug/l
RT: 7.405 min Scan# 989
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

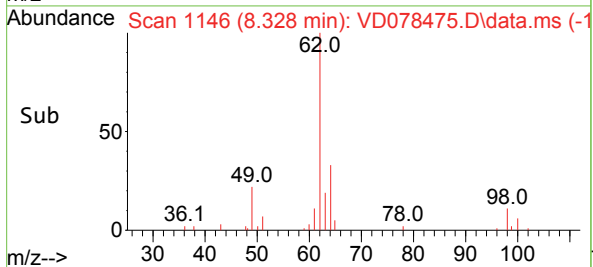
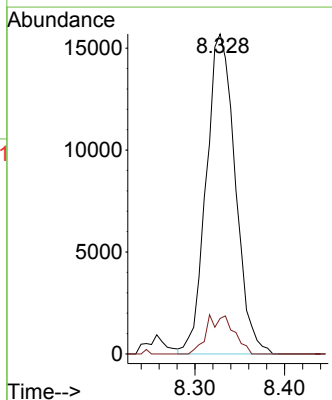
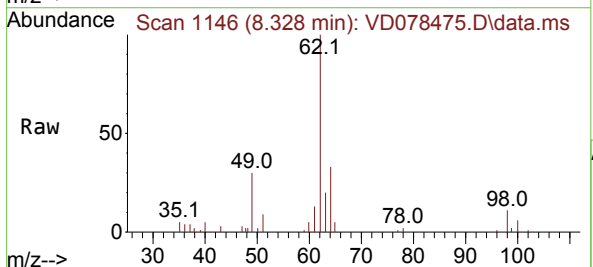
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

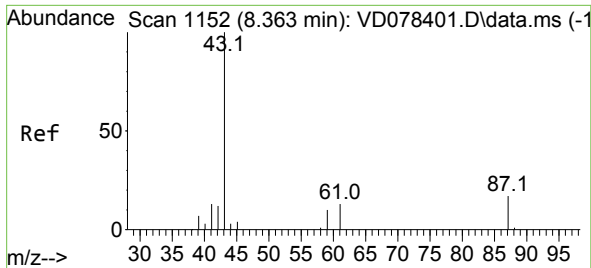
Tgt Ion: 41	Resp: 8264
Ion Ratio	Lower Upper
41 100	
39 45.9	34.0 51.0
67 98.1	77.0 115.4
52 19.6	27.9 41.9#



#42
1,2-Dichloroethane
Concen: 21.912 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Tgt Ion: 62	Resp: 35156
Ion Ratio	Lower Upper
62 100	
98 11.3	0.0 25.4

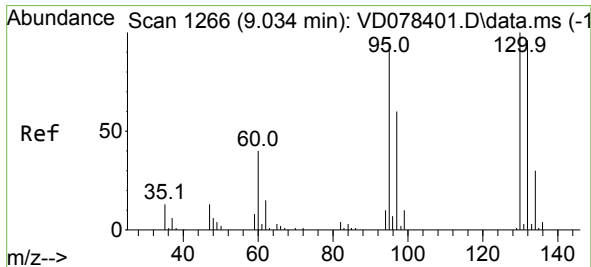
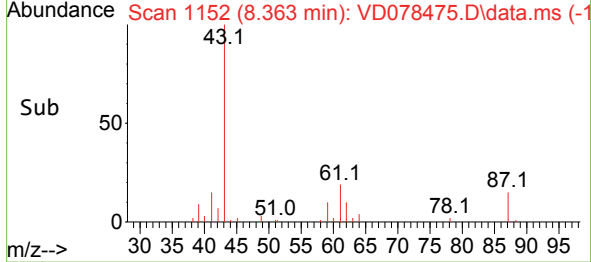
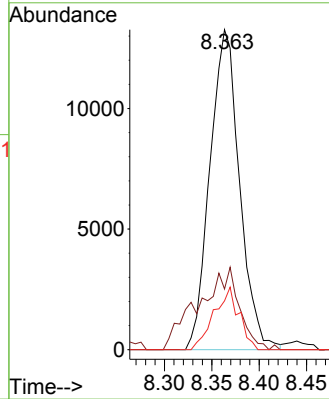
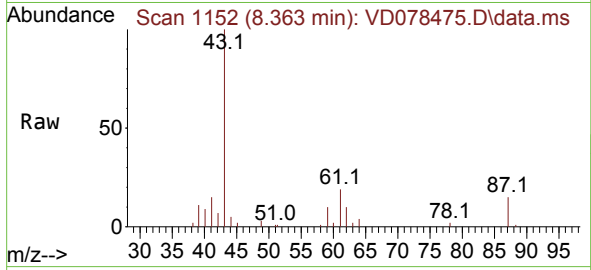




#43
Isopropyl Acetate
Concen: 20.730 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

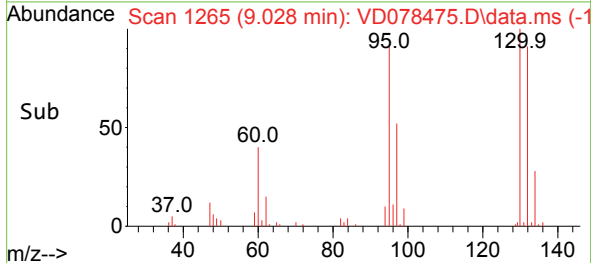
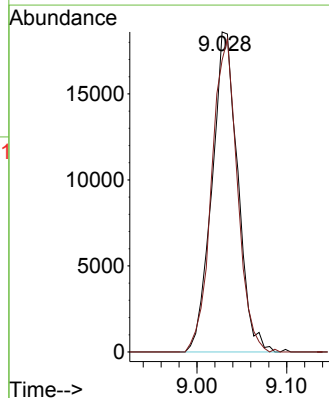
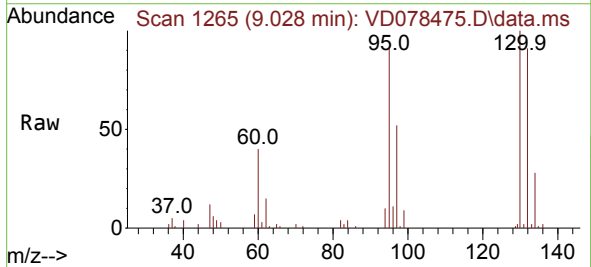
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

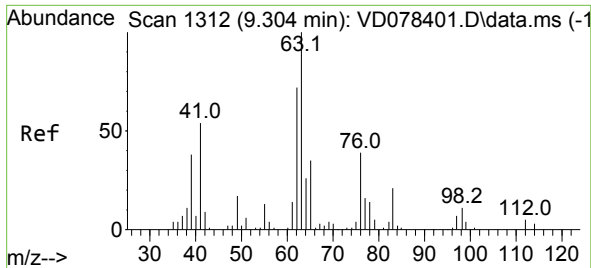
Tgt Ion: 43	Resp: 28867
Ion Ratio	Lower Upper
43	100
61	35.6 31.4 47.0
87	16.5 14.9 22.3



#44
Trichloroethene
Concen: 23.522 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Tgt Ion: 130	Resp: 37210
Ion Ratio	Lower Upper
130	100
95	91.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 22.198 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VD078475.D

Acq: 20 Feb 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

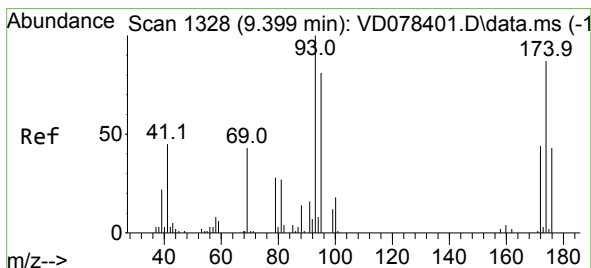
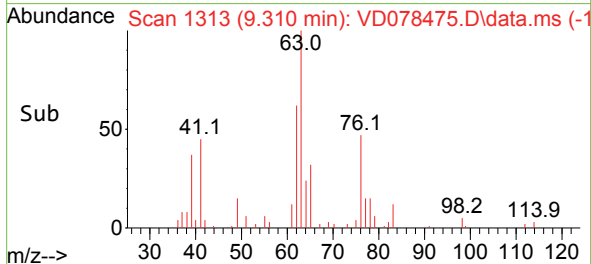
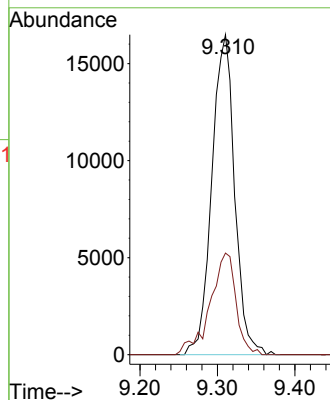
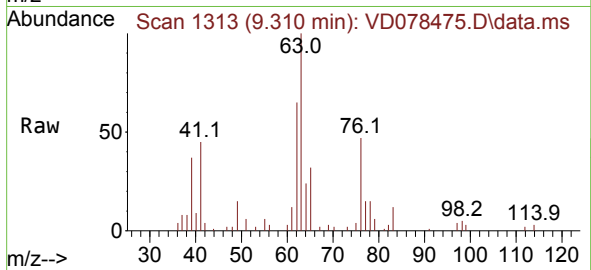
VD0220SBS01

Tgt Ion: 63 Resp: 33772

Ion Ratio Lower Upper

63 100

65 31.7 24.5 36.7



#46

Dibromomethane

Concen: 22.179 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD078475.D

Acq: 20 Feb 2024 10:47

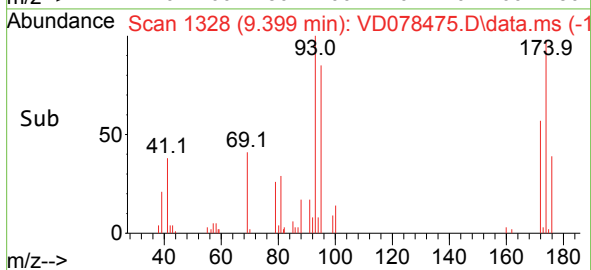
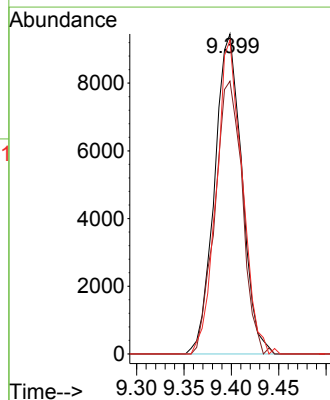
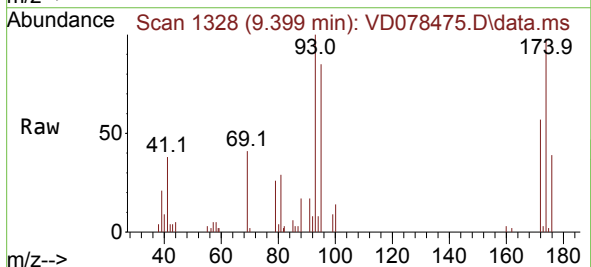
Tgt Ion: 93 Resp: 18979

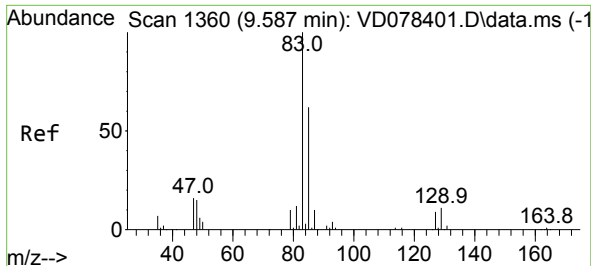
Ion Ratio Lower Upper

93 100

95 85.4 67.7 101.5

174 92.9 85.4 128.2





#47

Bromodichloromethane

Concen: 22.823 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD078475.D

Acq: 20 Feb 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VD0220SBS01

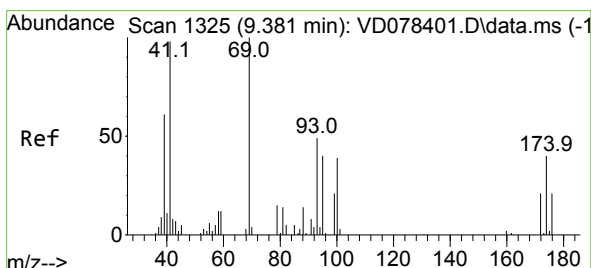
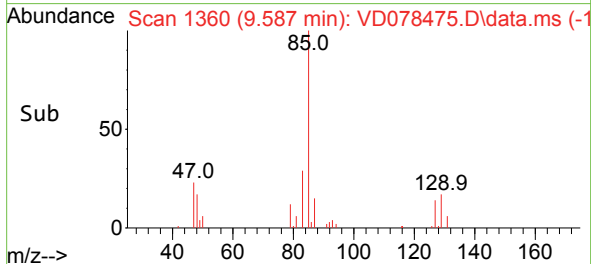
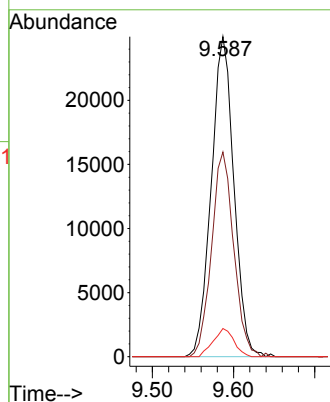
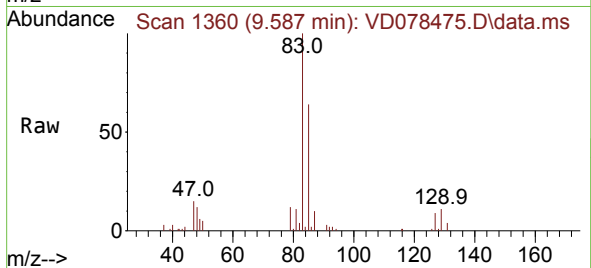
Tgt Ion: 83 Resp: 48375

Ion Ratio Lower Upper

83 100

85 64.0 50.2 75.4

127 8.8 6.3 9.5



#48

Methyl methacrylate

Concen: 18.415 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD078475.D

Acq: 20 Feb 2024 10:47

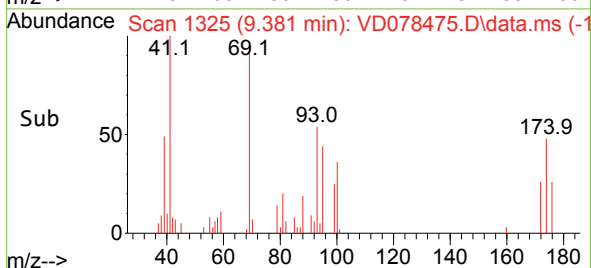
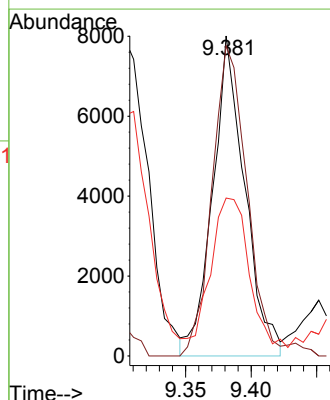
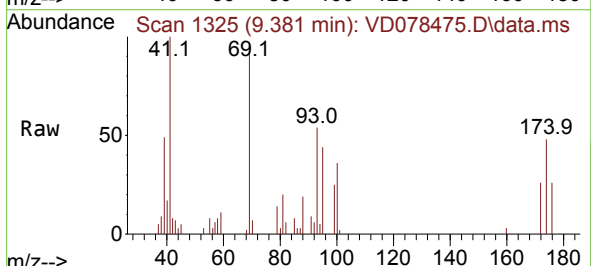
Tgt Ion: 41 Resp: 13605

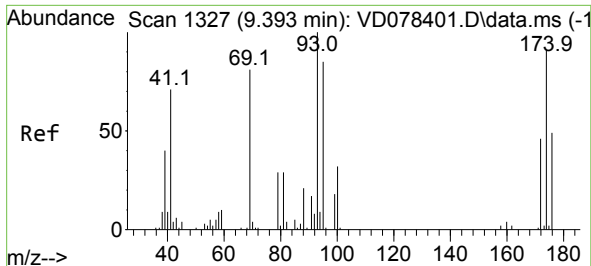
Ion Ratio Lower Upper

41 100

69 107.2 102.2 153.2

39 55.3 41.4 62.2





#49

1,4-Dioxane

Concen: 430.008 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.006 min

Lab File: VD078475.D

Acq: 20 Feb 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VD0220SBS01

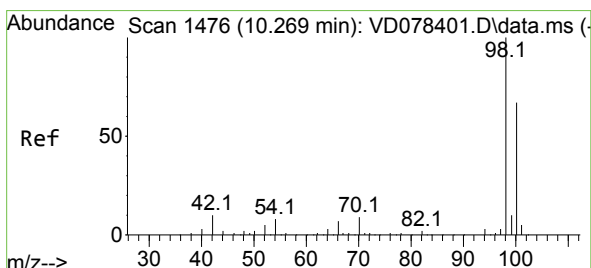
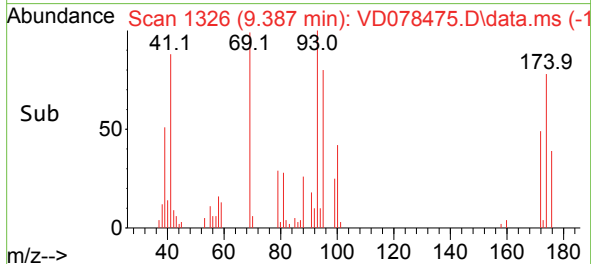
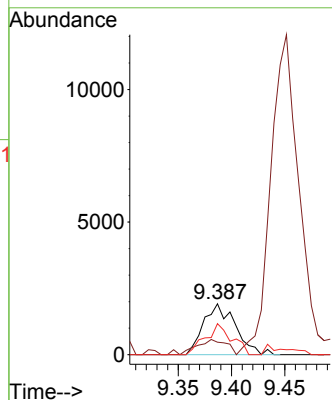
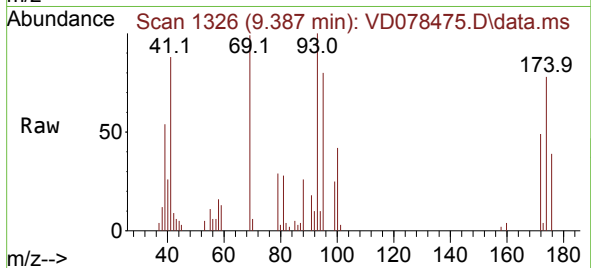
Tgt Ion: 88 Resp: 3985

Ion Ratio Lower Upper

88 100

43 29.2 19.0 28.6#

58 50.5 43.5 65.3



#50

Toluene-d8

Concen: 57.590 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078475.D

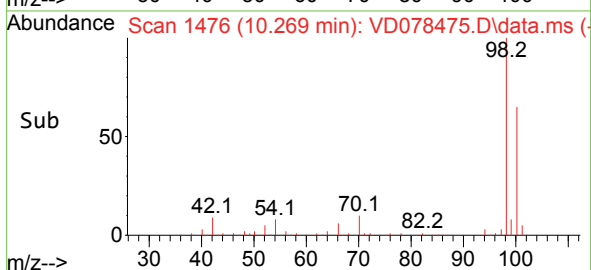
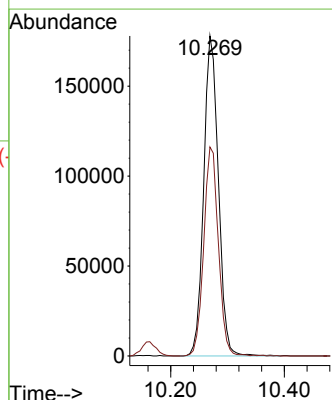
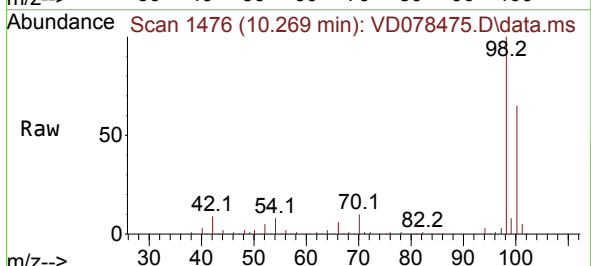
Acq: 20 Feb 2024 10:47

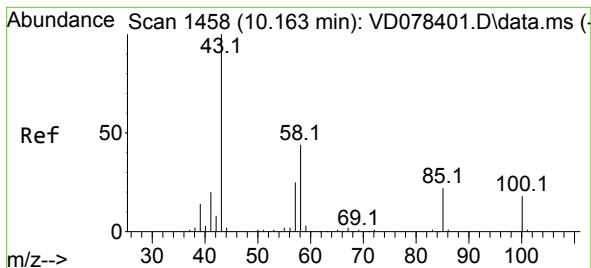
Tgt Ion: 98 Resp: 318135

Ion Ratio Lower Upper

98 100

100 65.3 50.3 75.5

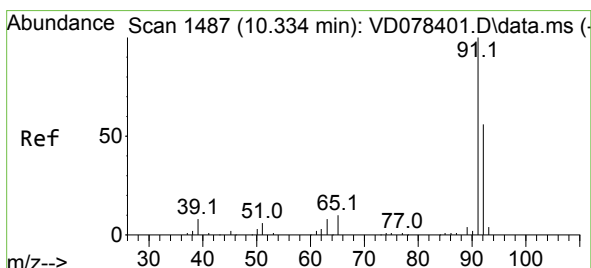
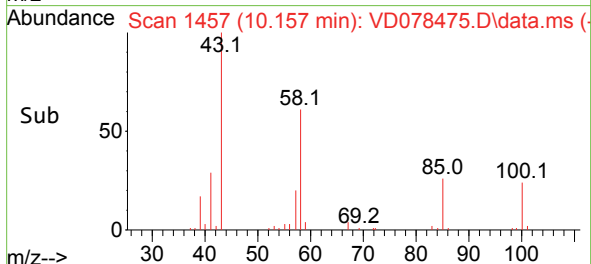
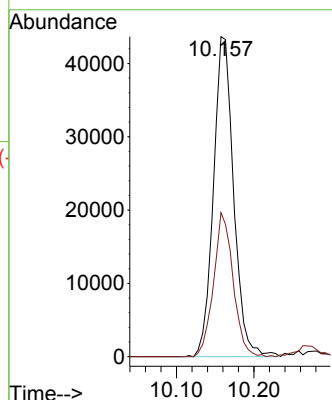
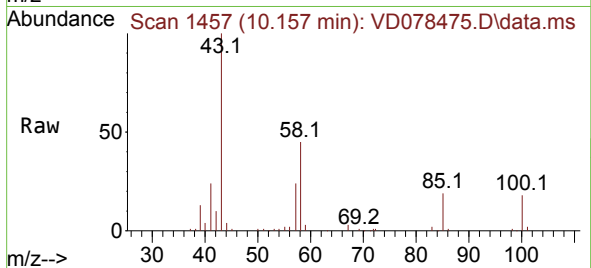




#51
4-Methyl-2-Pentanone
Concen: 107.082 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

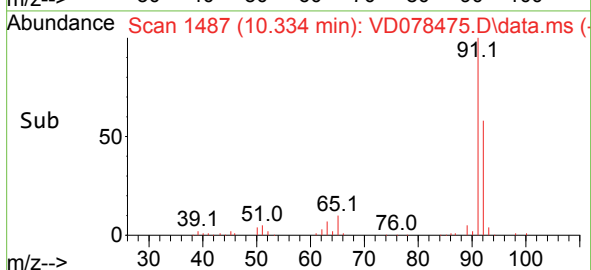
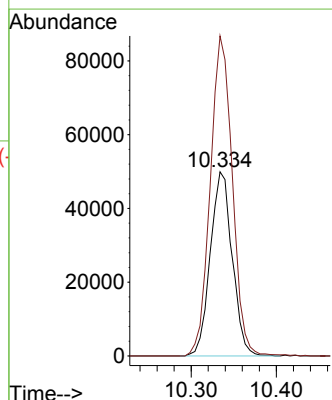
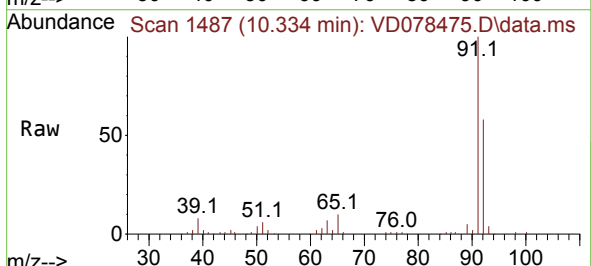
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

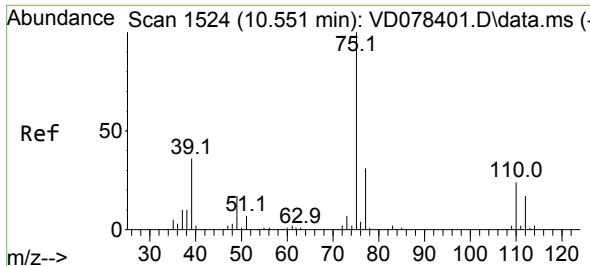
Tgt Ion: 43 Resp: 79143
Ion Ratio Lower Upper
43 100
58 43.5 38.9 58.3



#52
Toluene
Concen: 22.736 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Tgt Ion: 92 Resp: 89152
Ion Ratio Lower Upper
92 100
91 175.3 143.0 214.4

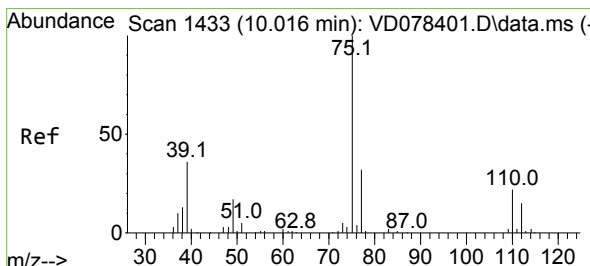
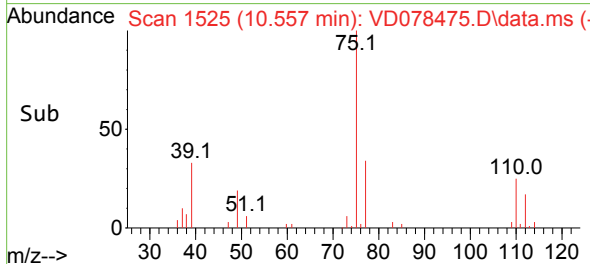
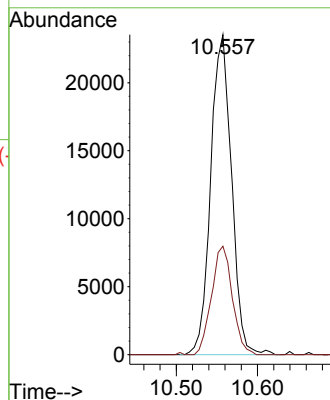
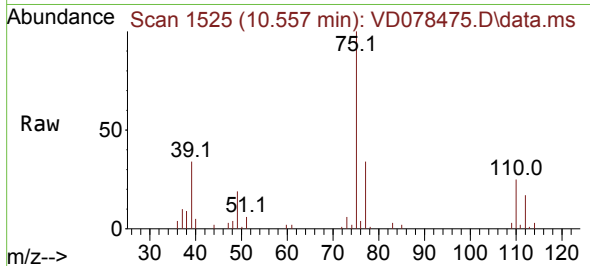




#53
 t-1,3-Dichloropropene
 Concen: 21.706 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD078475.D
 Acq: 20 Feb 2024 10:47

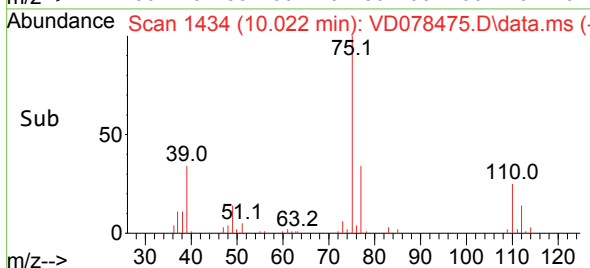
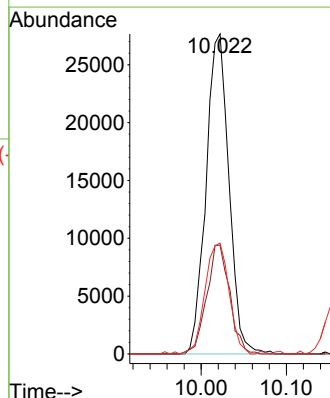
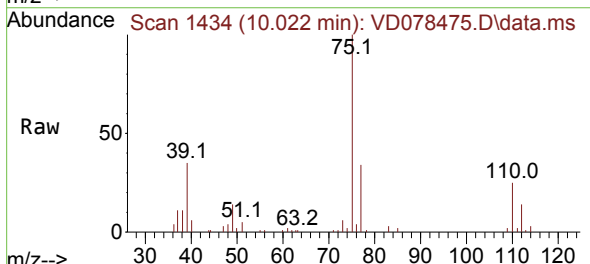
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0220SBS01

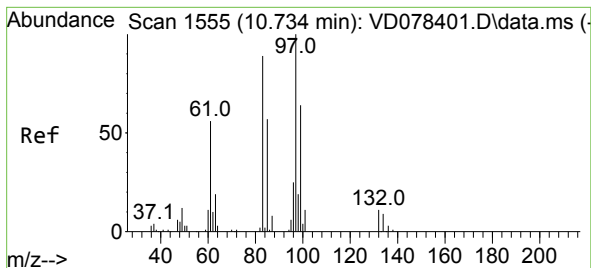
Tgt Ion: 75 Resp: 41980
 Ion Ratio Lower Upper
 75 100
 77 33.9 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 21.981 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD078475.D
 Acq: 20 Feb 2024 10:47

Tgt Ion: 75 Resp: 51548
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.5 38.3
 39 34.7 22.1 33.1#

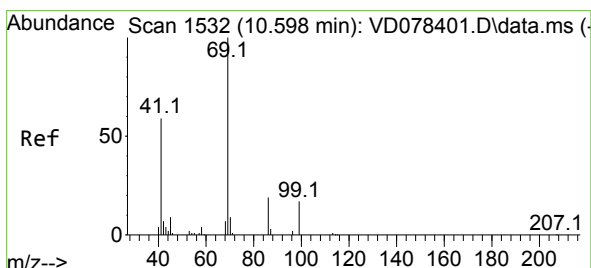
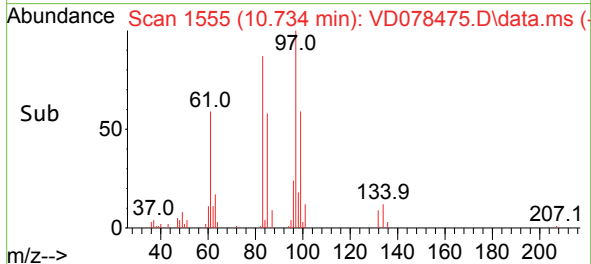
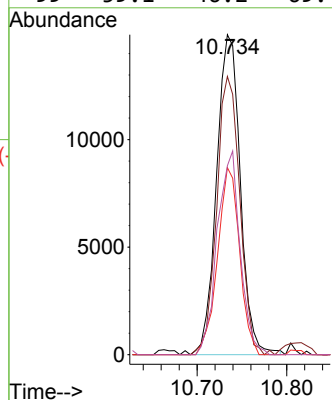
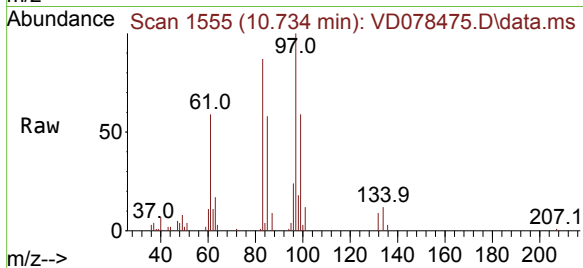




#55
1,1,2-Trichloroethane
Concen: 23.797 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

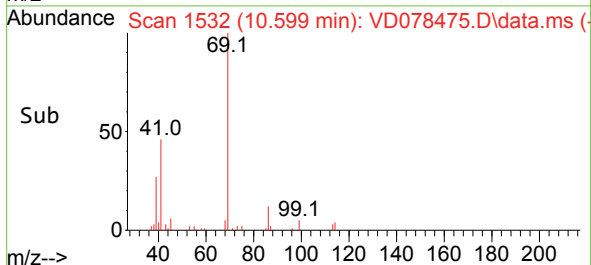
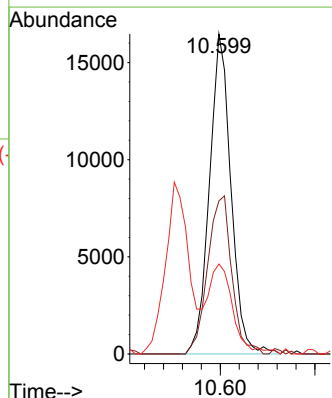
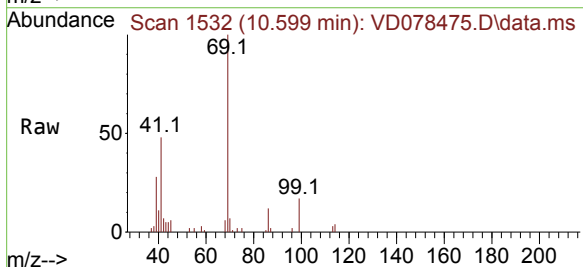
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

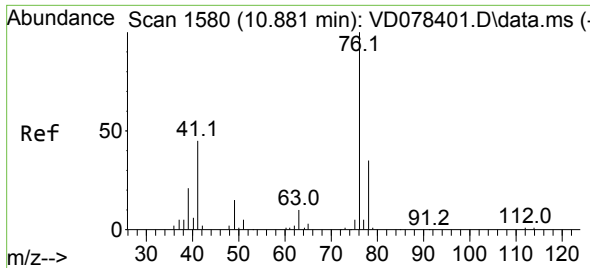
Tgt Ion: 97	Resp: 27424
Ion Ratio	Lower Upper
97 100	
83 87.0	65.8 98.6
85 58.5	45.7 68.5
99 59.1	46.2 69.4



#56
Ethyl methacrylate
Concen: 24.395 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Tgt Ion: 69	Resp: 26001
Ion Ratio	Lower Upper
69 100	
41 55.4	39.1 58.7
39 31.4	20.0 30.0#

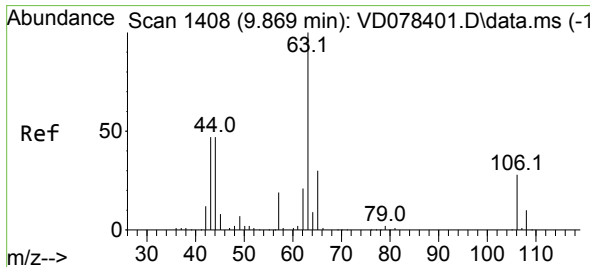
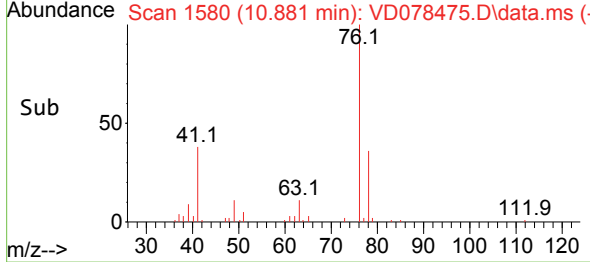
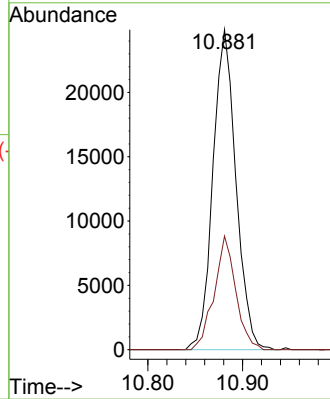
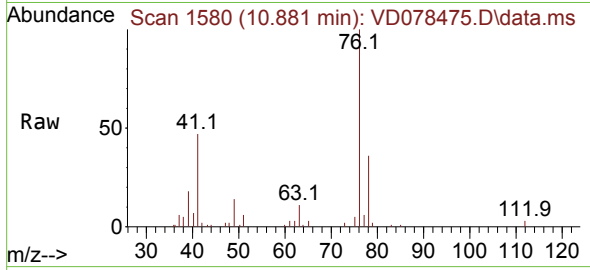




#57
1,3-Dichloropropane
Concen: 21.439 ug/l
RT: 10.881 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

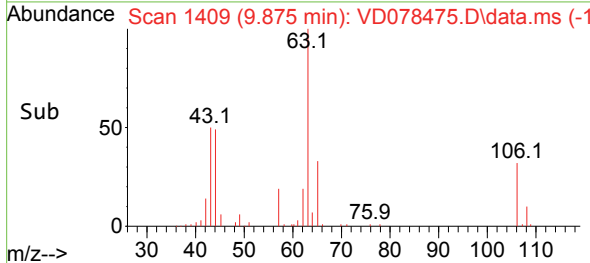
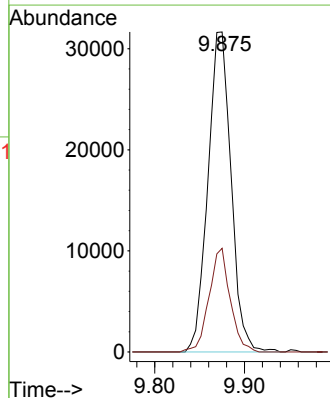
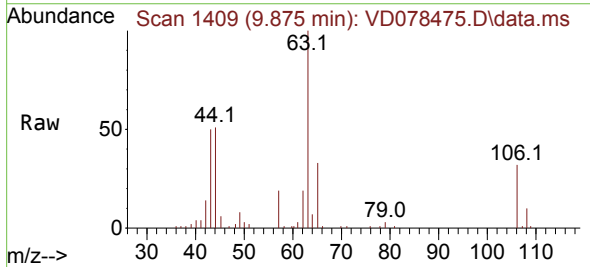
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

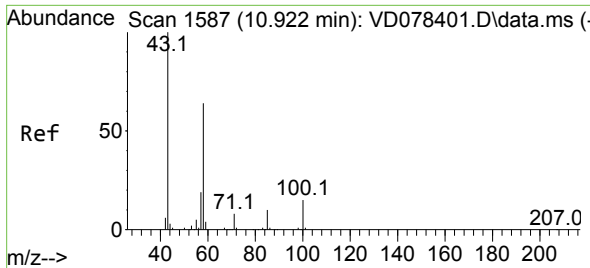
Tgt Ion: 76 Resp: 42028
Ion Ratio Lower Upper
76 100
78 33.3 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 90.459 ug/l
RT: 9.875 min Scan# 1409
Delta R.T. 0.006 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Tgt Ion: 63 Resp: 56791
Ion Ratio Lower Upper
63 100
106 29.6 25.3 37.9

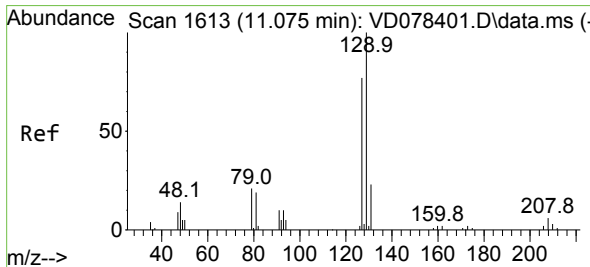
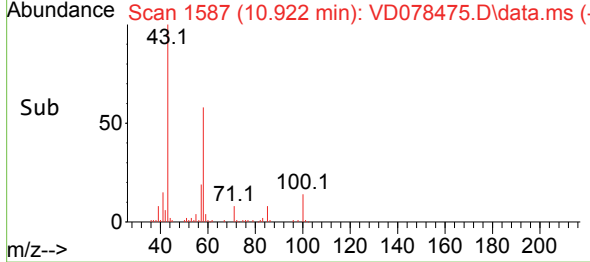
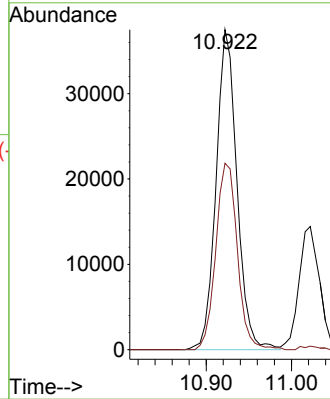
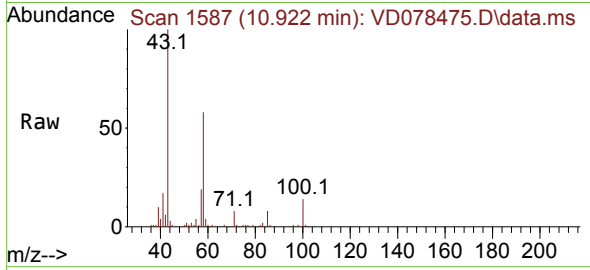




#59
2-Hexanone
Concen: 114.600 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

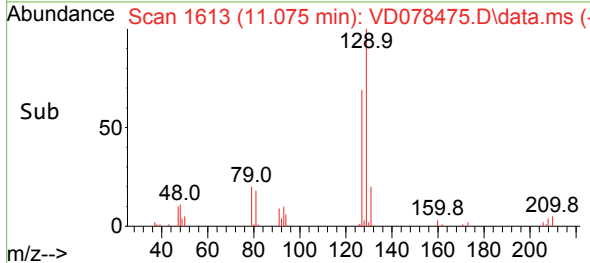
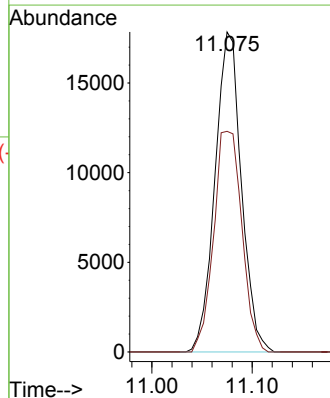
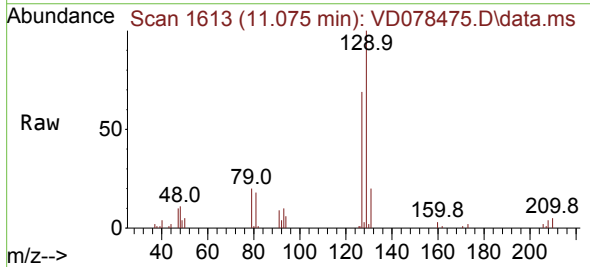
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

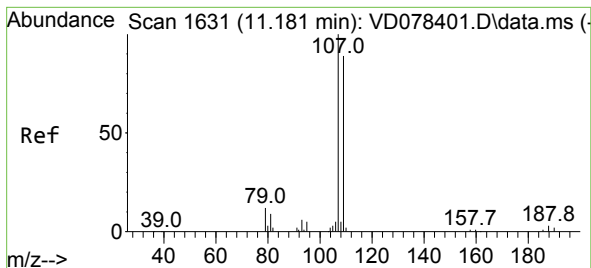
Tgt Ion: 43 Resp: 63653
Ion Ratio Lower Upper
43 100
58 60.4 34.1 102.2



#60
Dibromochloromethane
Concen: 23.524 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Tgt Ion:129 Resp: 32617
Ion Ratio Lower Upper
129 100
127 73.8 37.1 111.5





#61

1,2-Dibromoethane

Concen: 22.852 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078475.D

Acq: 20 Feb 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

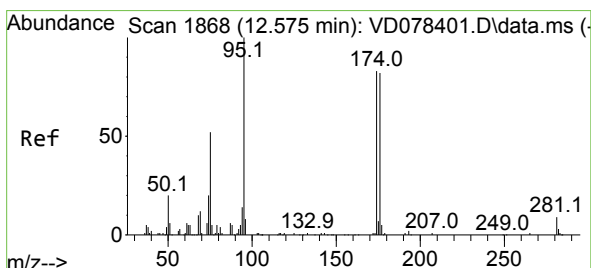
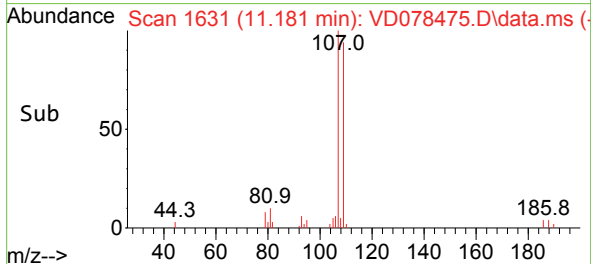
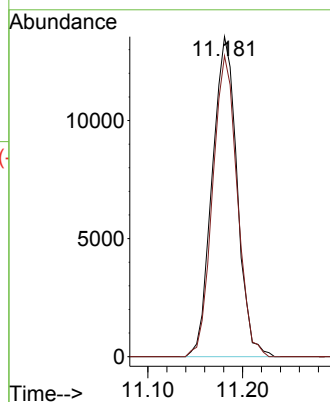
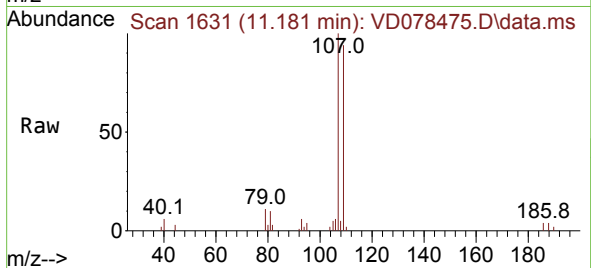
VD0220SBS01

Tgt Ion:107 Resp: 24723

Ion Ratio Lower Upper

107 100

109 93.0 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 55.566 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD078475.D

Acq: 20 Feb 2024 10:47

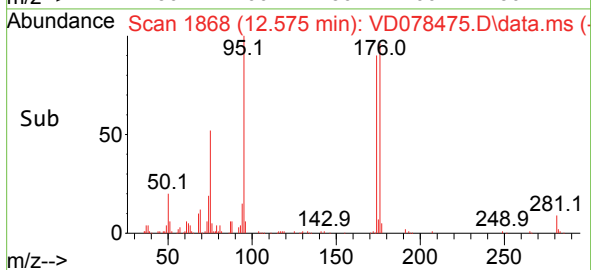
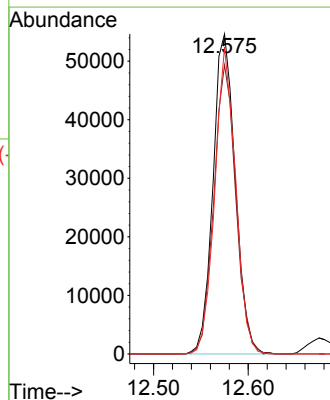
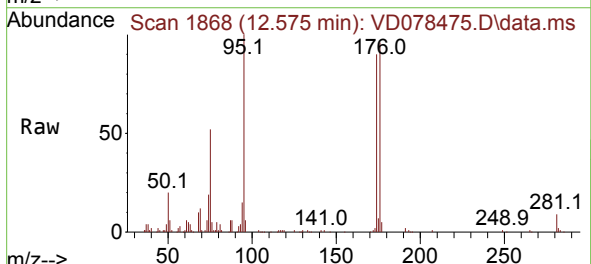
Tgt Ion: 95 Resp: 89326

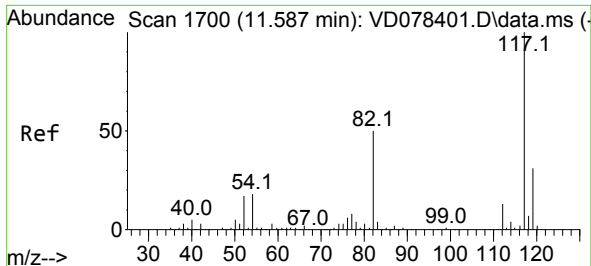
Ion Ratio Lower Upper

95 100

174 89.2 0.0 201.8

176 89.6 0.0 191.8

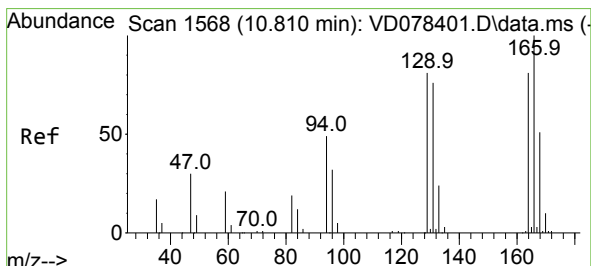
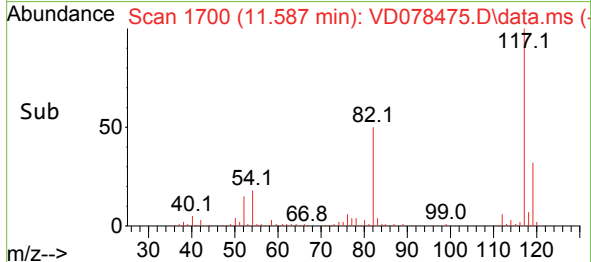
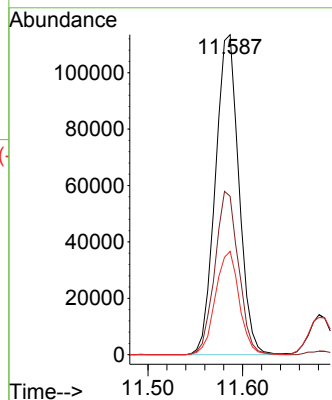
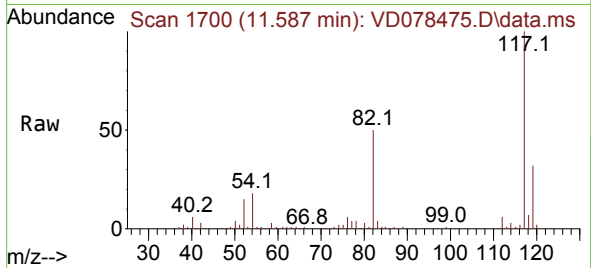




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

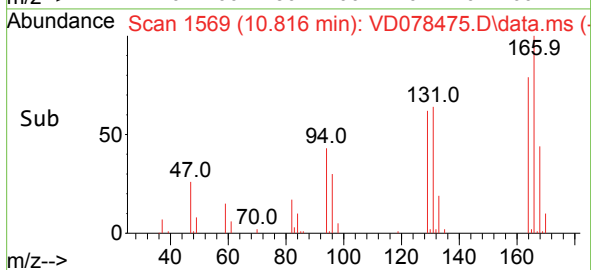
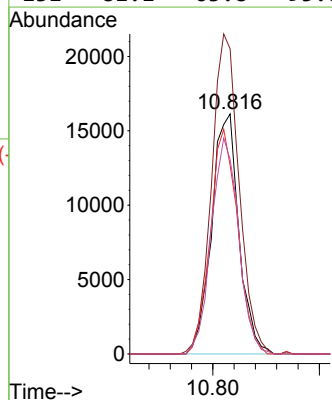
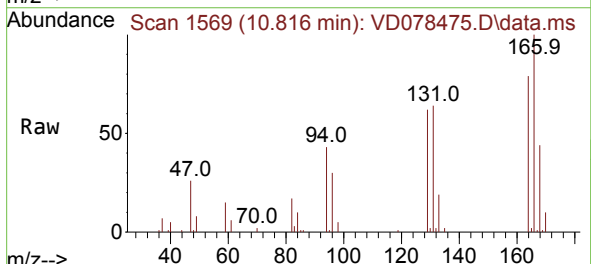
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

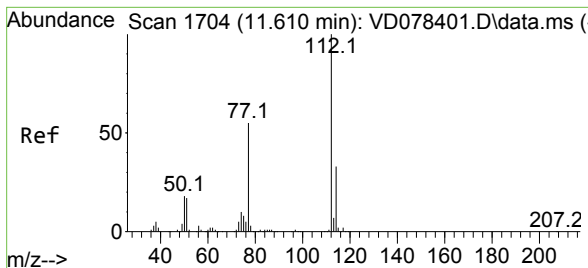
Tgt Ion:117 Resp: 195825
Ion Ratio Lower Upper
117 100
82 49.5 38.3 57.5
119 32.3 25.0 37.4



#64
Tetrachloroethene
Concen: 23.129 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Tgt Ion:164 Resp: 28608
Ion Ratio Lower Upper
164 100
166 127.1 99.2 148.8
129 78.6 68.4 102.6
131 81.1 63.8 95.8

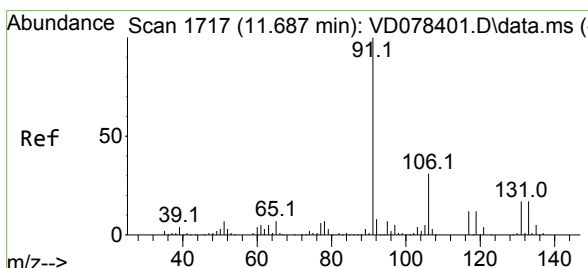
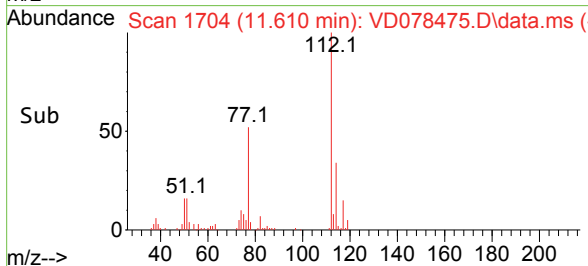
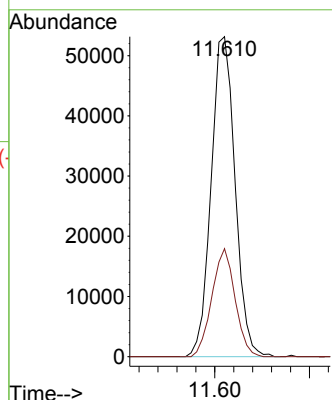
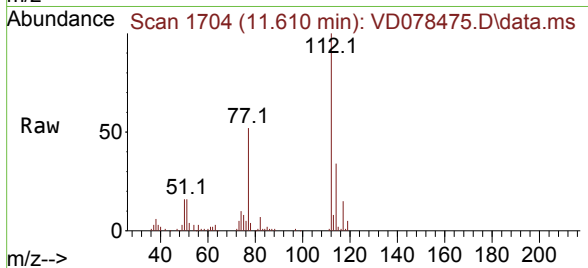




#65
Chlorobenzene
Concen: 23.684 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

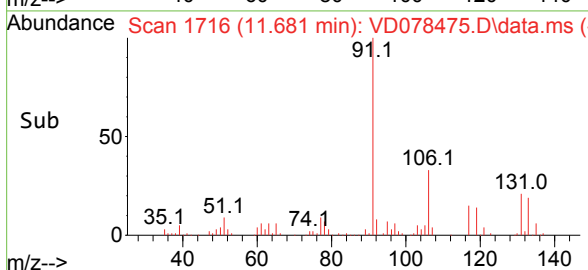
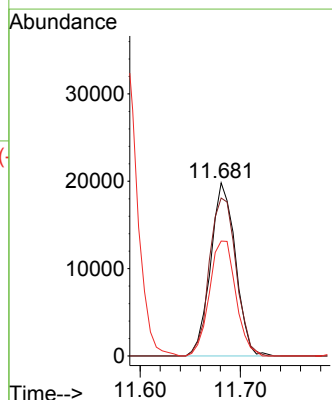
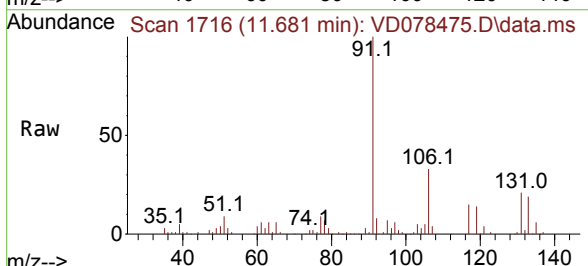
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

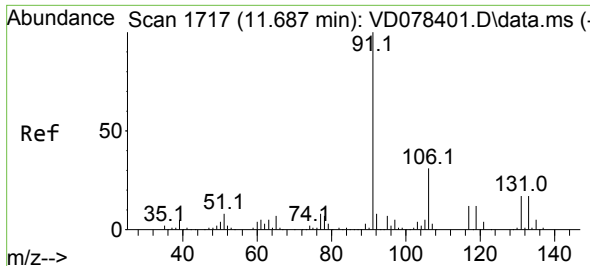
Tgt Ion:112 Resp: 93241
Ion Ratio Lower Upper
112 100
114 33.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 23.644 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Tgt Ion:131 Resp: 34207
Ion Ratio Lower Upper
131 100
133 97.8 48.5 145.5
119 70.2 35.6 106.9





#67

Ethyl Benzene

Concen: 23.037 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD078475.D

Acq: 20 Feb 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

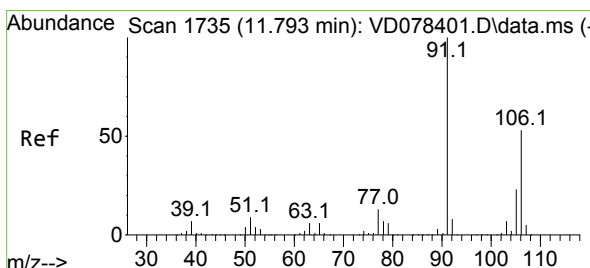
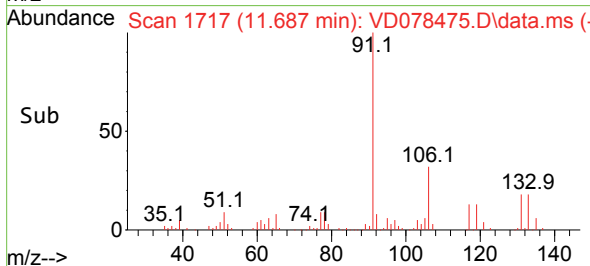
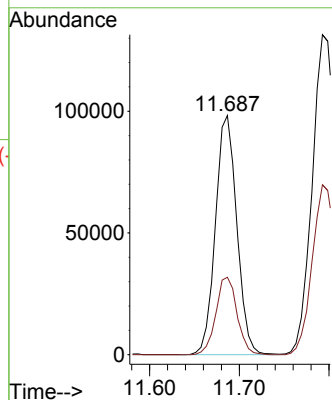
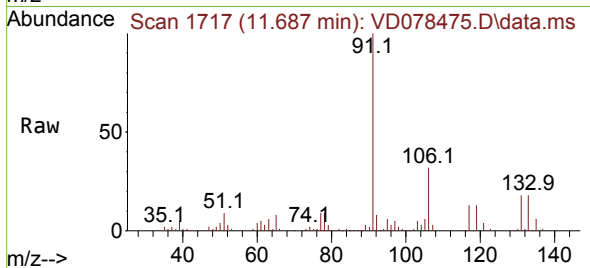
VD0220SBS01

Tgt Ion: 91 Resp: 162499

Ion Ratio Lower Upper

91 100

106 32.4 26.5 39.7



#68

m/p-Xylenes

Concen: 47.916 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078475.D

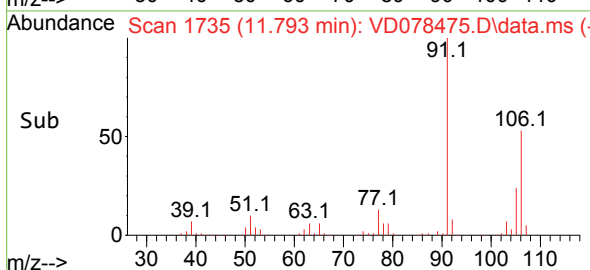
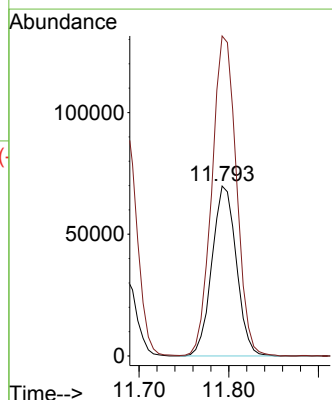
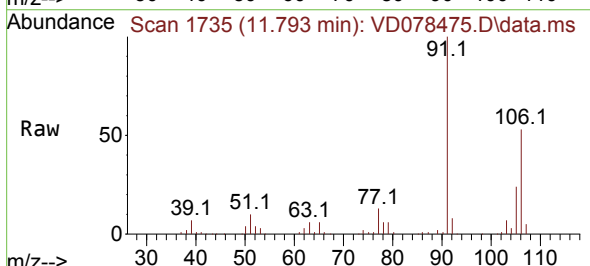
Acq: 20 Feb 2024 10:47

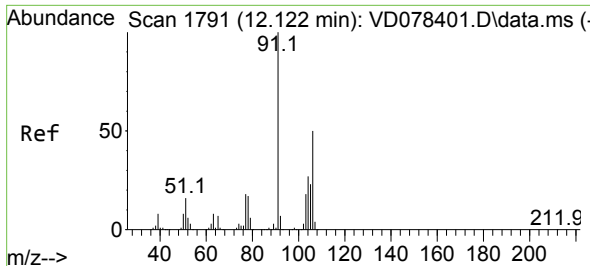
Tgt Ion:106 Resp: 131839

Ion Ratio Lower Upper

106 100

91 189.4 147.0 220.6

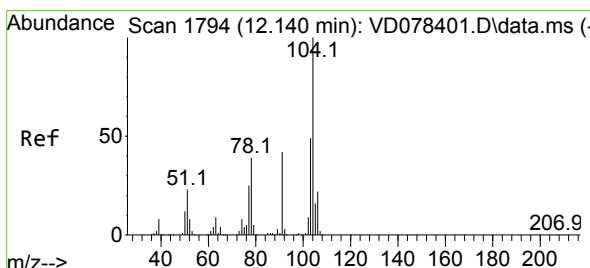
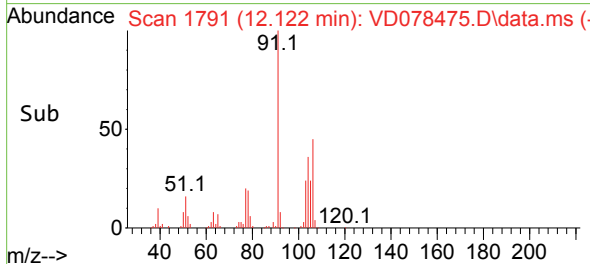
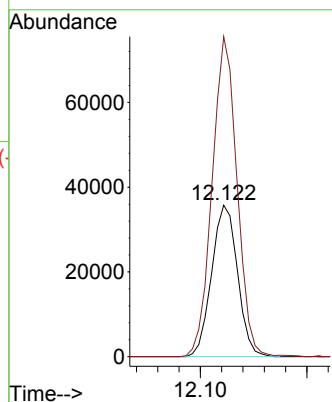
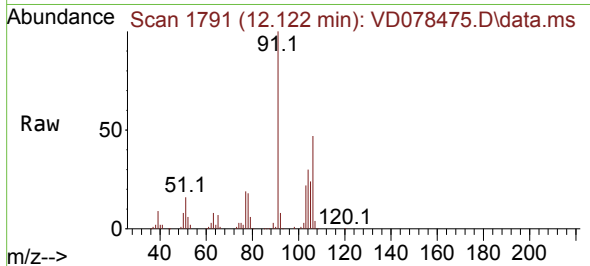




#69
o-Xylene
Concen: 23.963 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

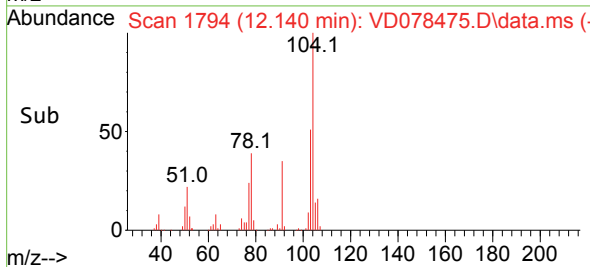
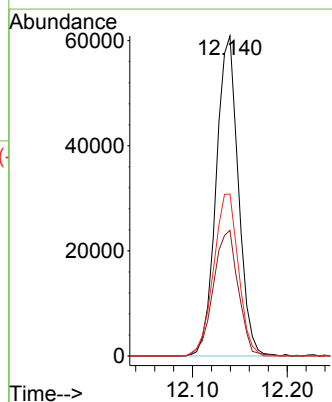
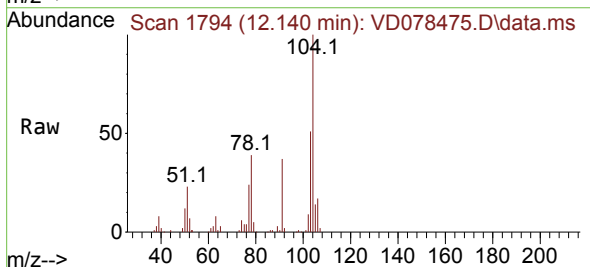
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

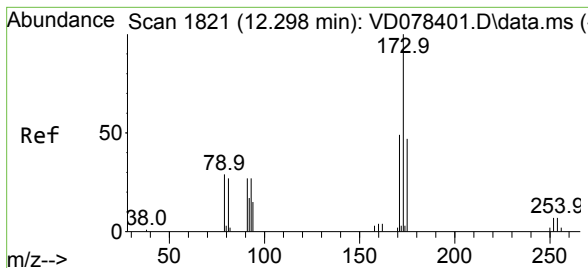
Tgt Ion:106 Resp: 60169
Ion Ratio Lower Upper
106 100
91 203.8 97.9 293.6



#70
Styrene
Concen: 24.192 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Tgt Ion:104 Resp: 99138
Ion Ratio Lower Upper
104 100
78 44.1 33.2 49.8
103 56.6 43.6 65.4





#71

Bromoform

Concen: 22.900 ug/l

RT: 12.304 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VD078475.D

Acq: 20 Feb 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VD0220SBS01

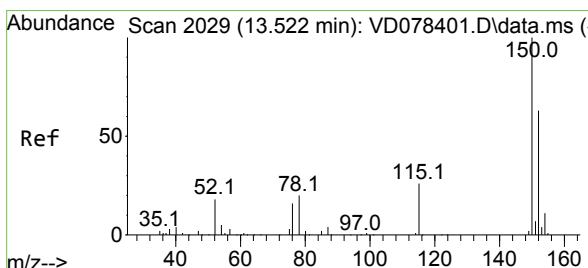
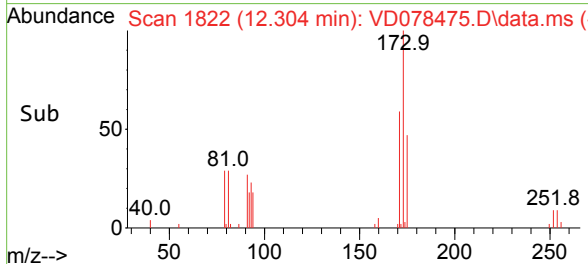
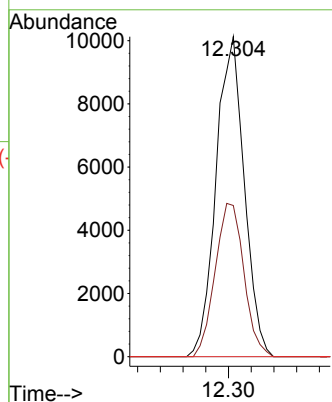
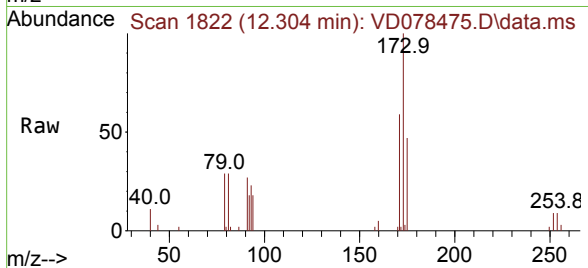
Tgt Ion:173 Resp: 17438

Ion Ratio Lower Upper

173 100

175 48.9 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: VD078475.D

Acq: 20 Feb 2024 10:47

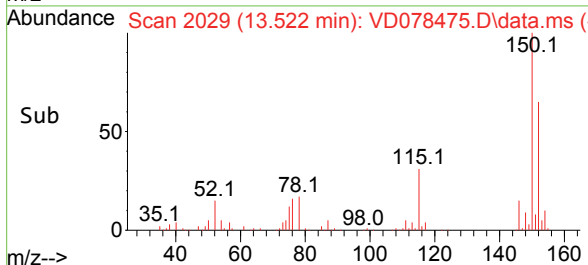
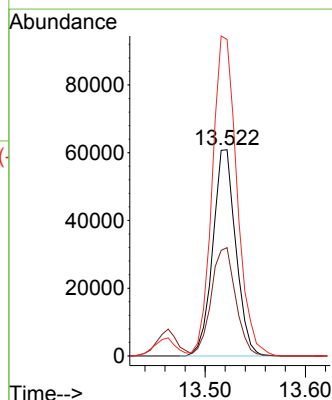
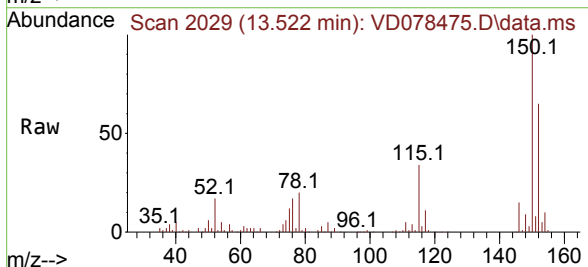
Tgt Ion:152 Resp: 97200

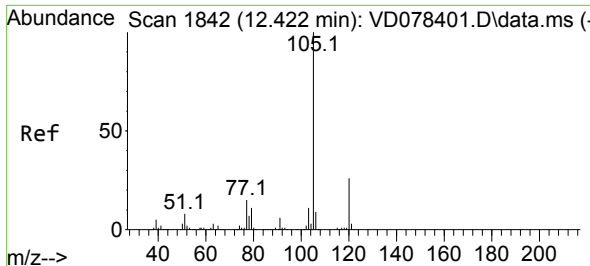
Ion Ratio Lower Upper

152 100

115 55.9 27.1 81.3

150 166.5 0.0 353.6

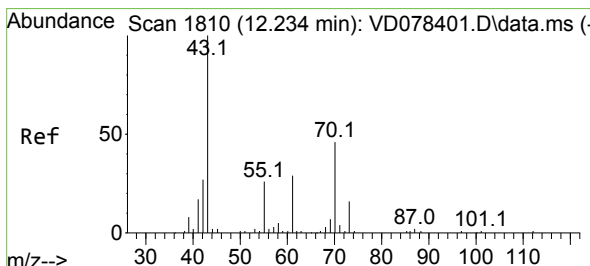
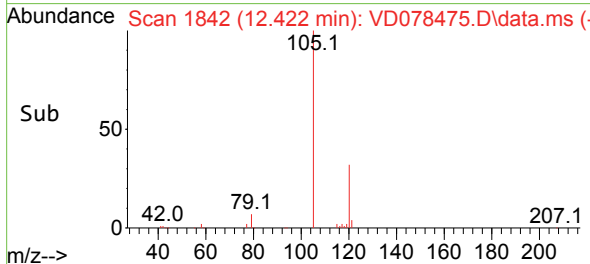
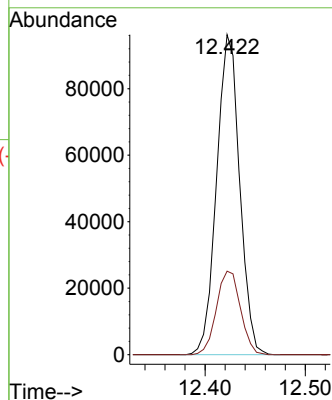
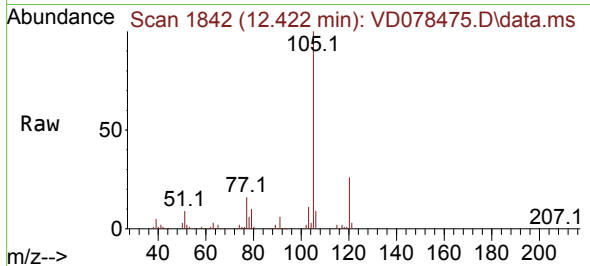




#73
Isopropylbenzene
Concen: 23.472 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

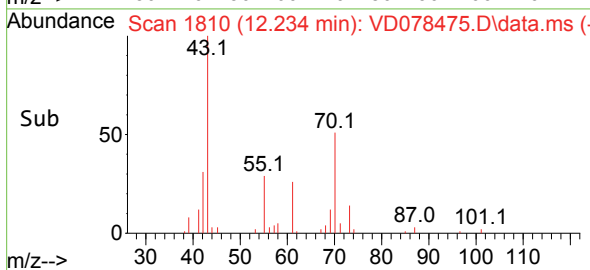
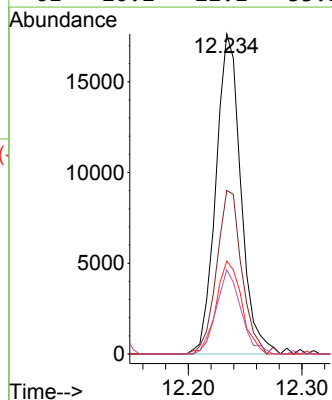
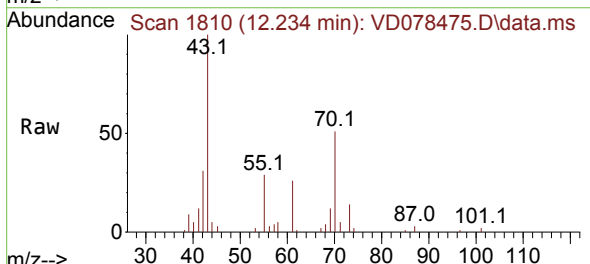
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

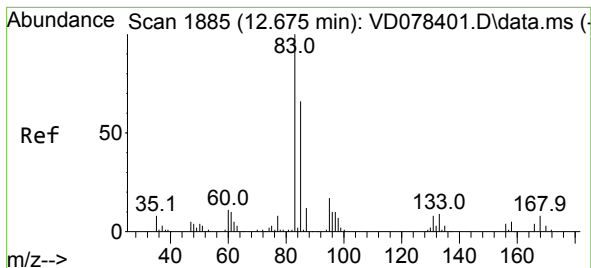
Tgt Ion:105 Resp: 153199
Ion Ratio Lower Upper
105 100
120 27.3 14.3 42.9



#74
N-ethyl acetate
Concen: 21.789 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Tgt Ion: 43 Resp: 26904
Ion Ratio Lower Upper
43 100
70 51.7 45.0 67.4
55 29.6 23.8 35.6
61 26.2 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 22.994 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078475.D

Acq: 20 Feb 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VD0220SBS01

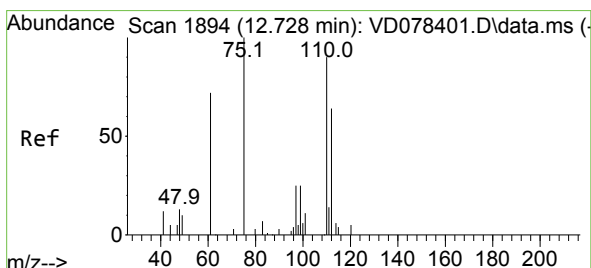
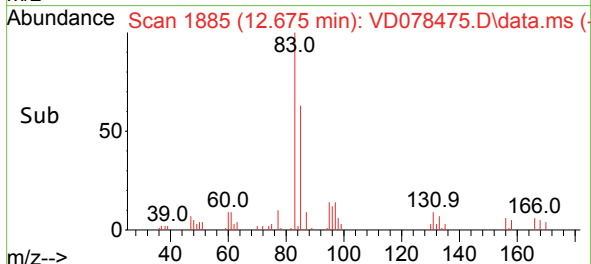
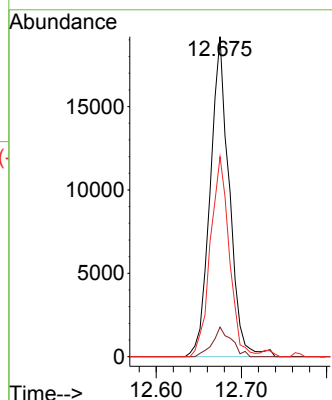
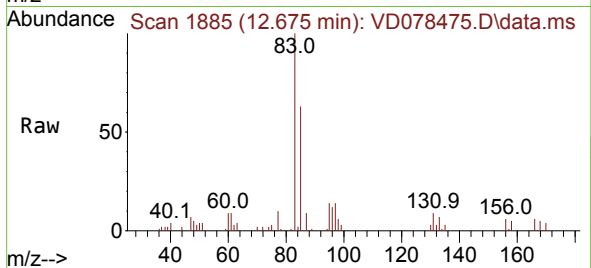
Tgt Ion: 83 Resp: 29771

Ion Ratio Lower Upper

83 100

131 9.1 5.1 15.3

85 62.1 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 41.239 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD078475.D

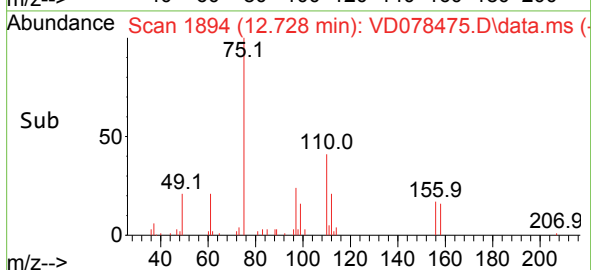
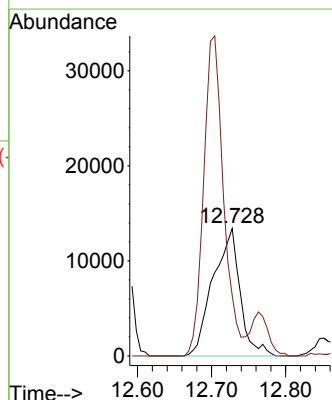
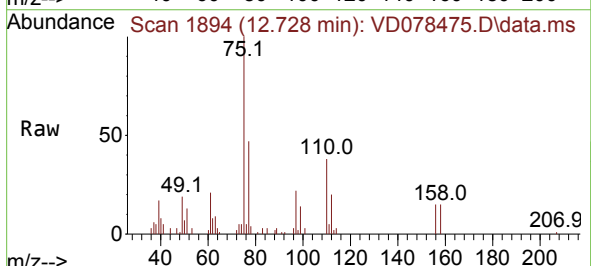
Acq: 20 Feb 2024 10:47

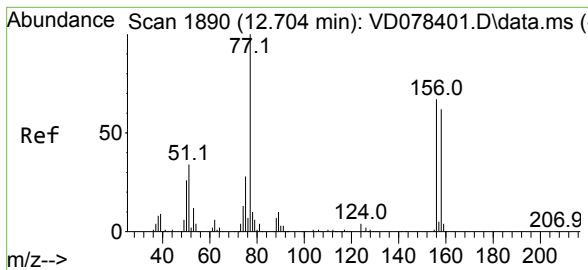
Tgt Ion: 75 Resp: 34030

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

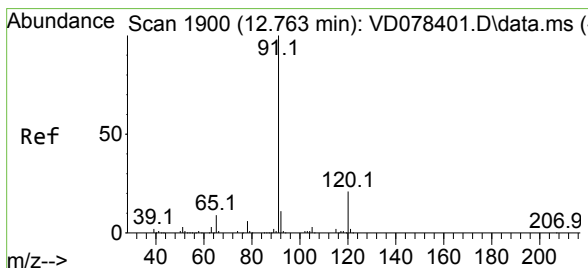
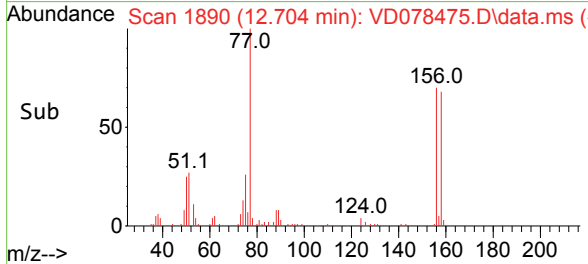
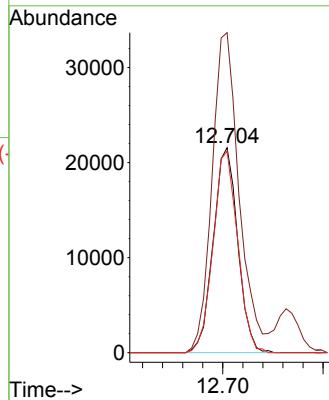
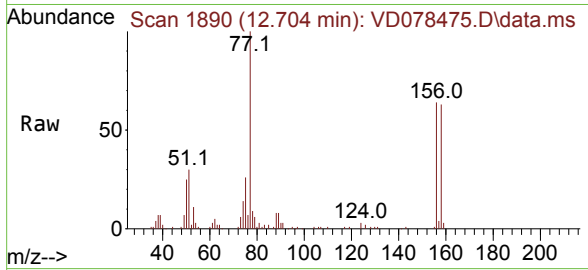




#77
Bromobenzene
Concen: 23.816 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

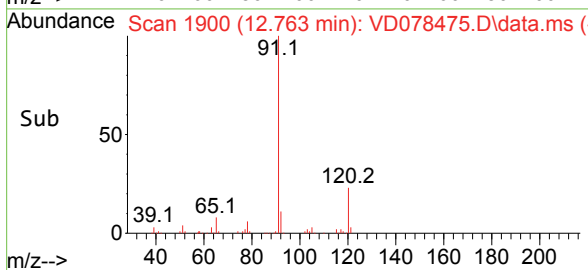
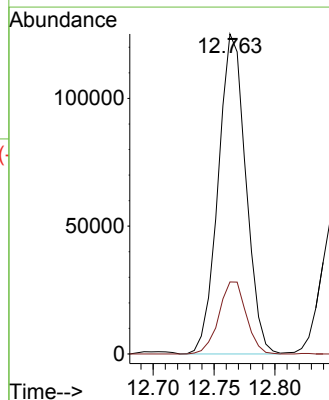
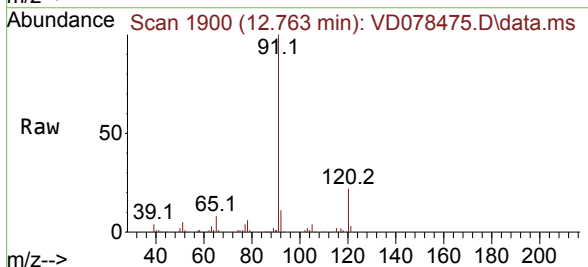
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

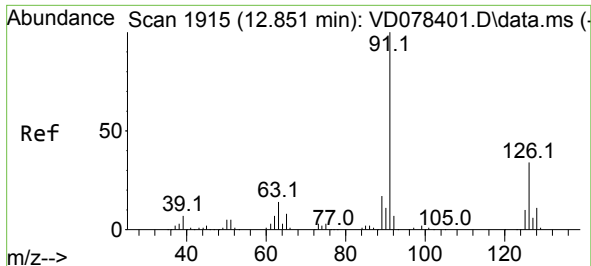
Tgt Ion:156 Resp: 36532
Ion Ratio Lower Upper
156 100
77 171.9 76.8 230.4
158 98.2 48.6 145.9



#78
n-propylbenzene
Concen: 24.306 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Tgt Ion: 91 Resp: 197698
Ion Ratio Lower Upper
91 100
120 22.2 12.4 37.2

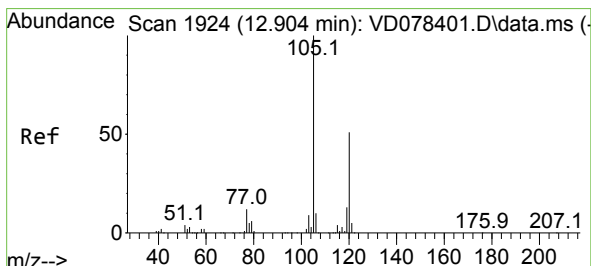
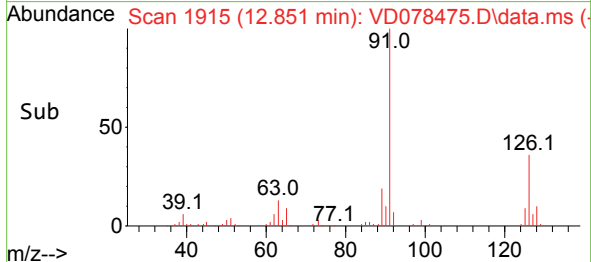
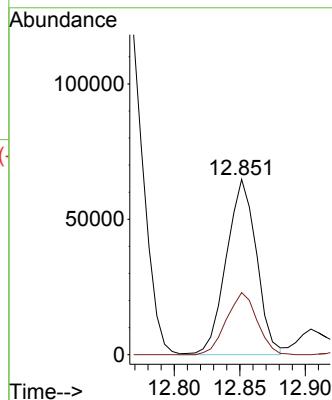
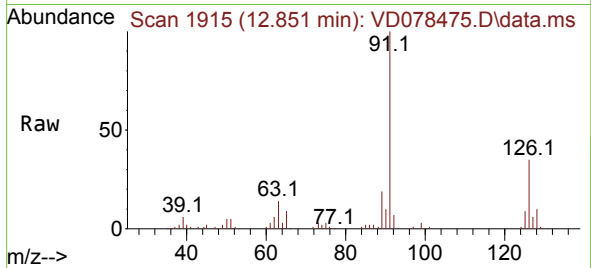




#79
2-Chlorotoluene
Concen: 23.816 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

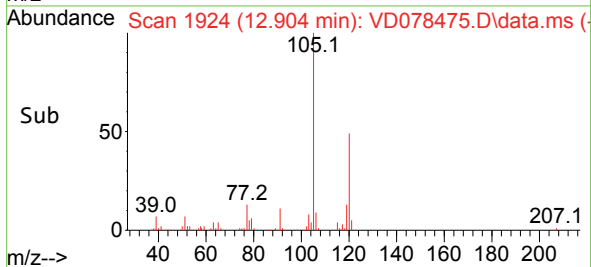
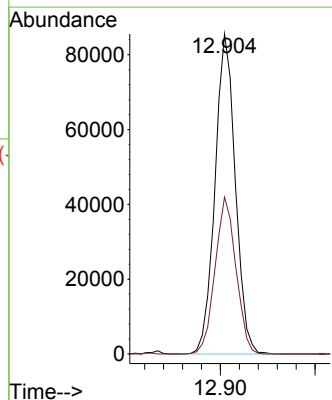
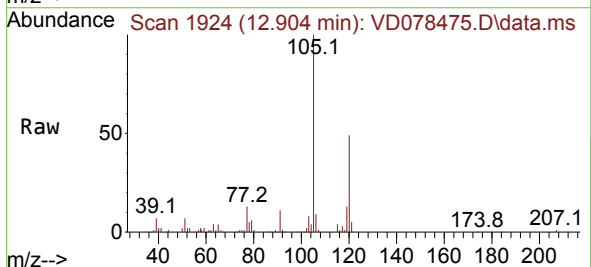
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

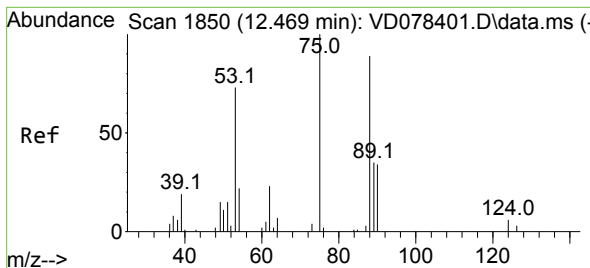
Tgt Ion: 91 Resp: 103753
Ion Ratio Lower Upper
91 100
126 35.9 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 23.518 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Tgt Ion: 105 Resp: 127462
Ion Ratio Lower Upper
105 100
120 50.3 26.4 79.2

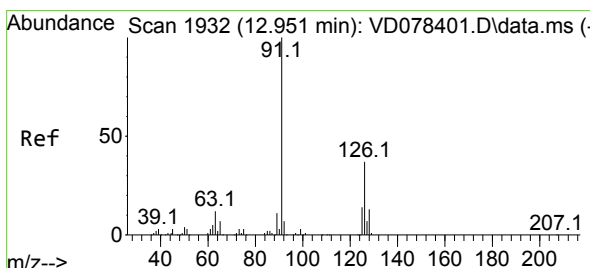
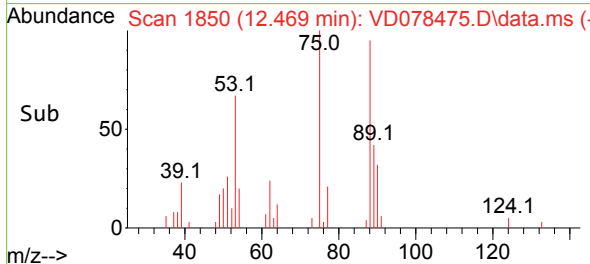
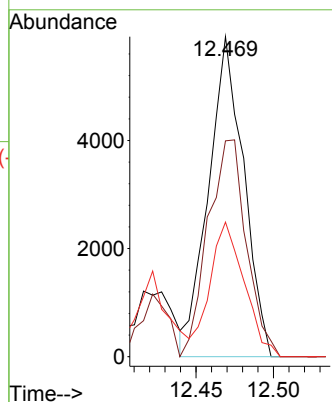
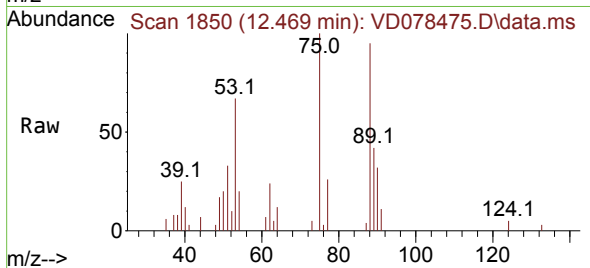




#81
trans-1,4-Dichloro-2-butene
Concen: 23.424 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

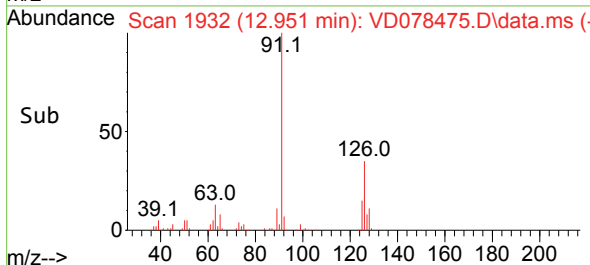
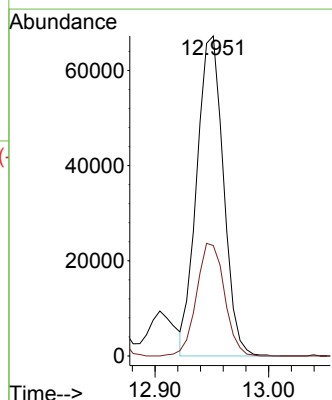
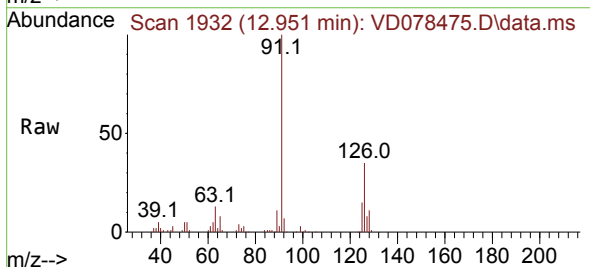
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

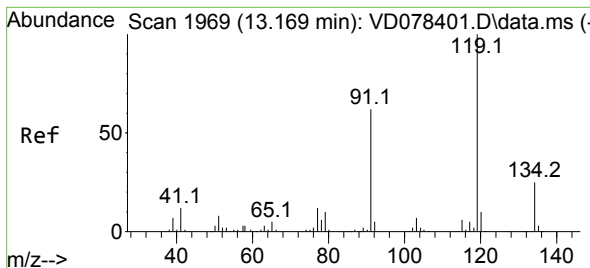
Tgt Ion:	75	Resp:	9311
Ion	Ratio	Lower	Upper
75	100		
53	74.3	63.0	94.4
89	41.2	37.9	56.9



#82
4-Chlorotoluene
Concen: 23.439 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Tgt Ion:	91	Resp:	109668
Ion	Ratio	Lower	Upper
91	100		
126	36.9	19.4	58.4

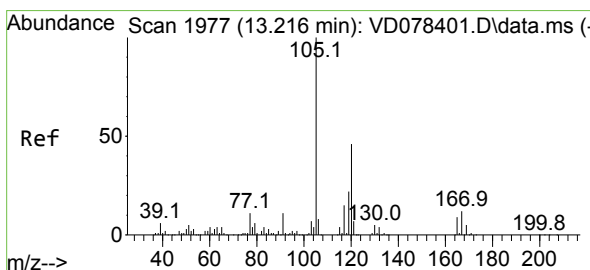
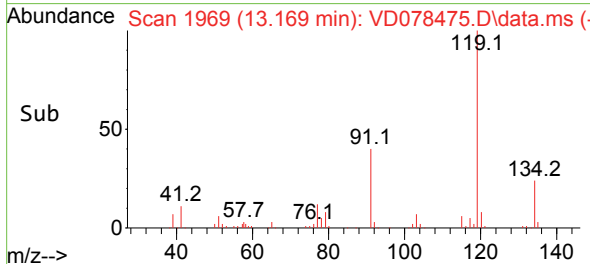
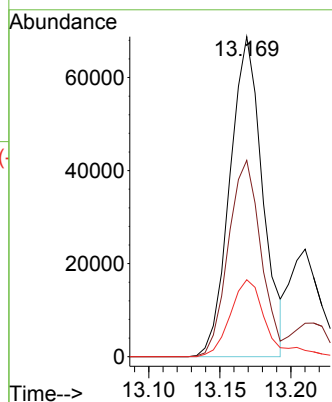
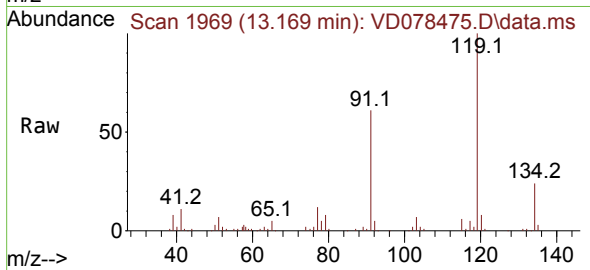




#83
tert-Butylbenzene
Concen: 24.104 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

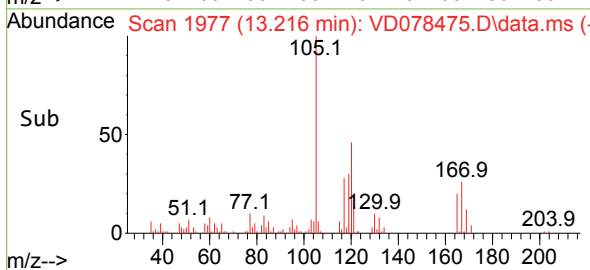
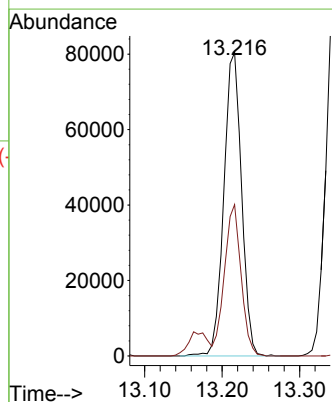
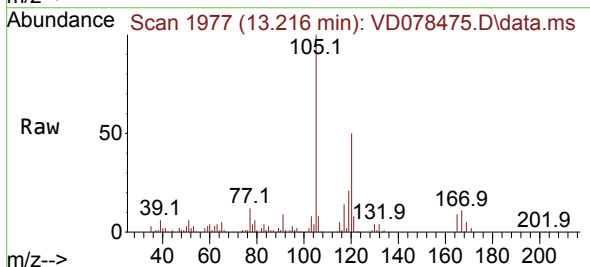
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

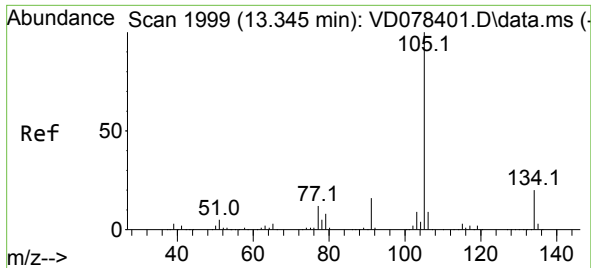
Tgt Ion:119 Resp: 110171
Ion Ratio Lower Upper
119 100
91 62.5 29.3 87.8
134 26.4 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 23.218 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Tgt Ion:105 Resp: 127706
Ion Ratio Lower Upper
105 100
120 47.0 24.3 72.9

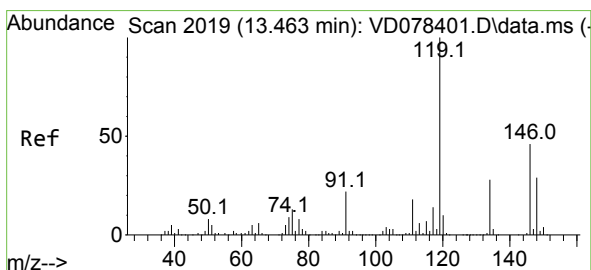
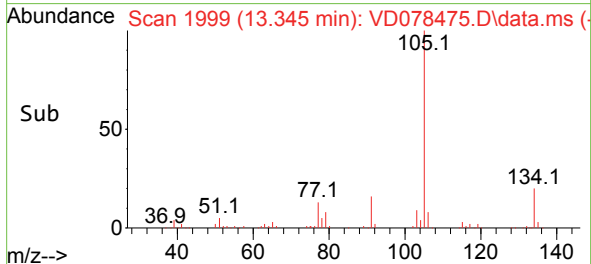
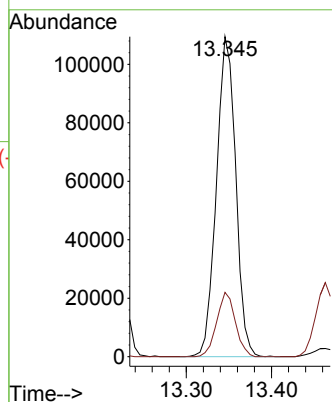
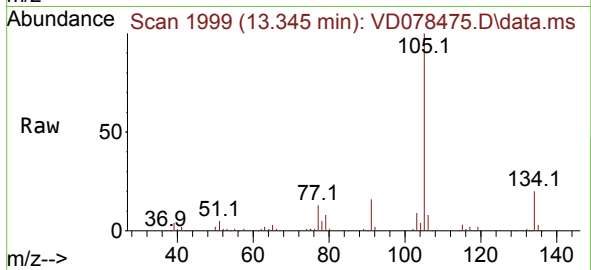




#85
 sec-Butylbenzene
 Concen: 24.356 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078475.D
 Acq: 20 Feb 2024 10:47

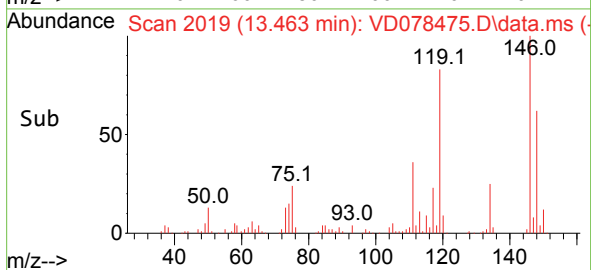
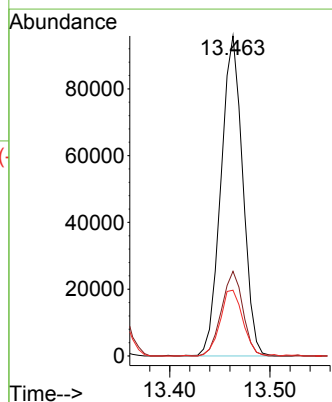
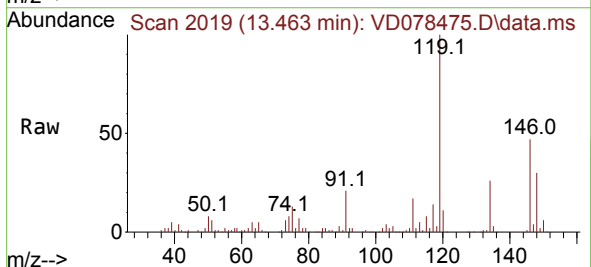
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0220SBS01

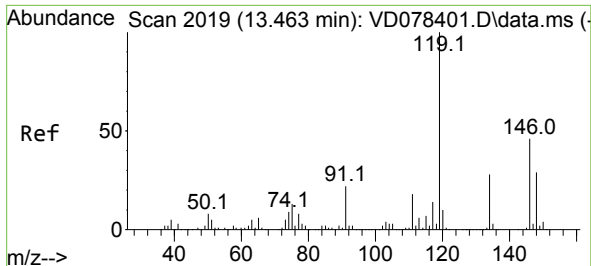
Tgt Ion:105 Resp: 172645
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 23.858 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078475.D
 Acq: 20 Feb 2024 10:47

Tgt Ion:119 Resp: 144043
 Ion Ratio Lower Upper
 119 100
 134 26.0 14.2 42.6
 91 21.7 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 23.479 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD078475.D

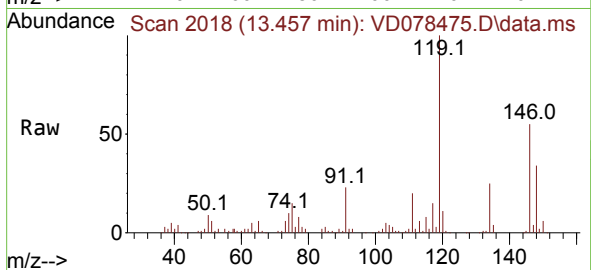
Acq: 20 Feb 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VD0220SBS01



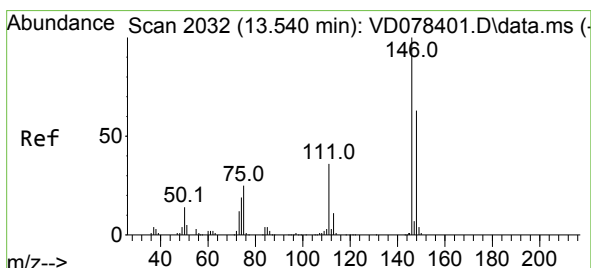
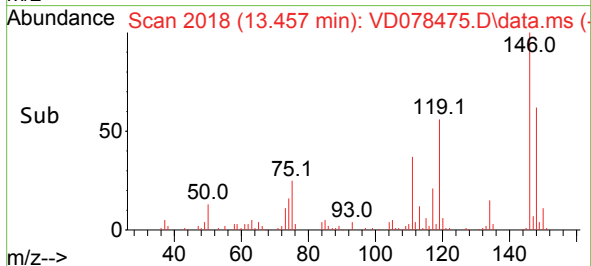
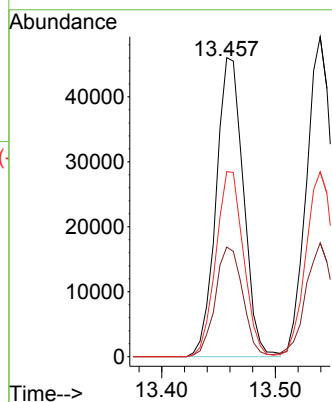
Tgt Ion:146 Resp: 76867

Ion Ratio Lower Upper

146 100

111 37.0 17.9 53.8

148 62.6 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 24.594 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD078475.D

Acq: 20 Feb 2024 10:47

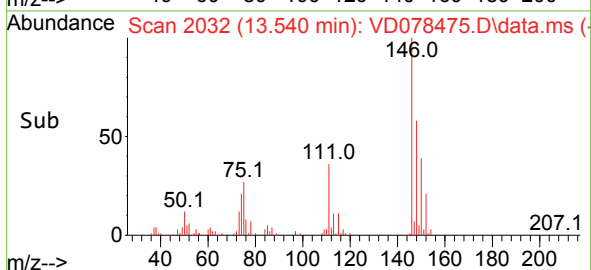
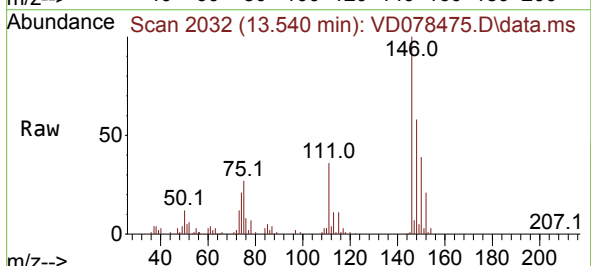
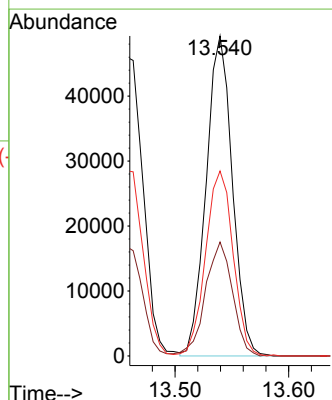
Tgt Ion:146 Resp: 79112

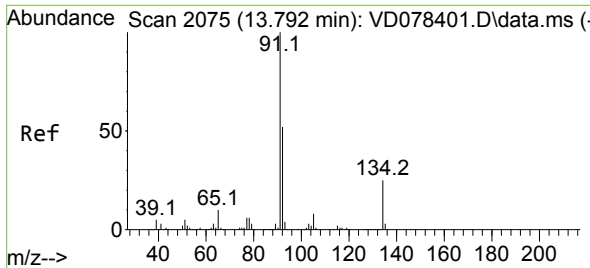
Ion Ratio Lower Upper

146 100

111 36.8 17.4 52.3

148 60.8 31.7 95.1

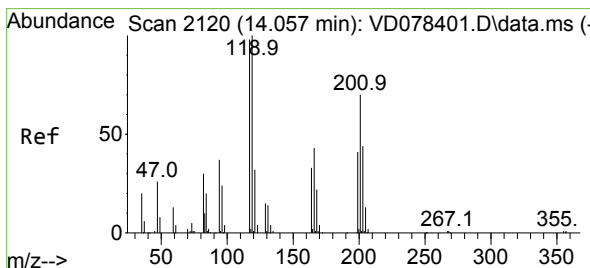
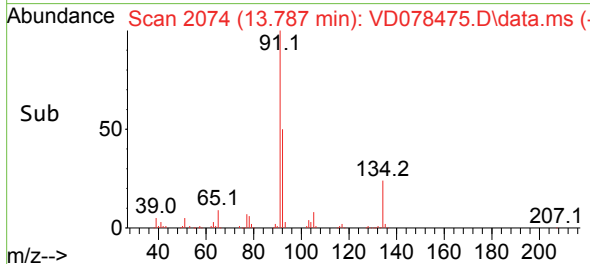
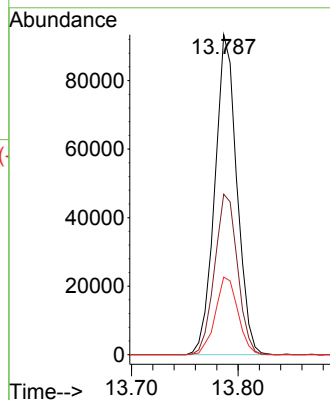
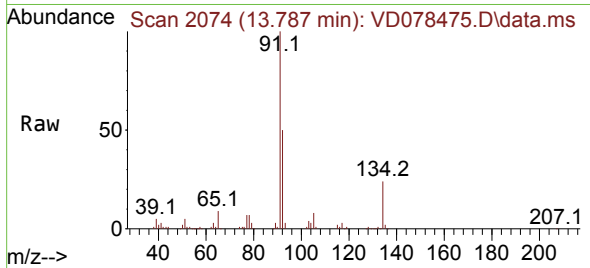




#89
n-Butylbenzene
Concen: 23.046 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

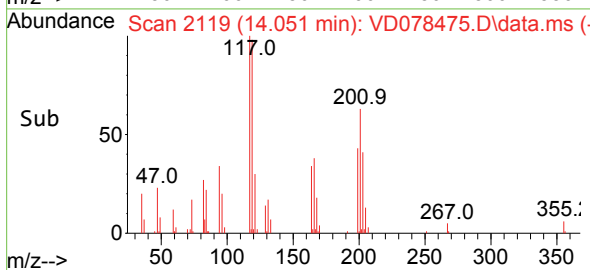
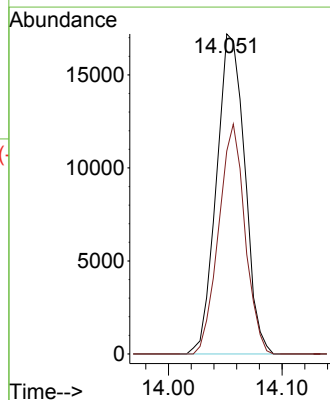
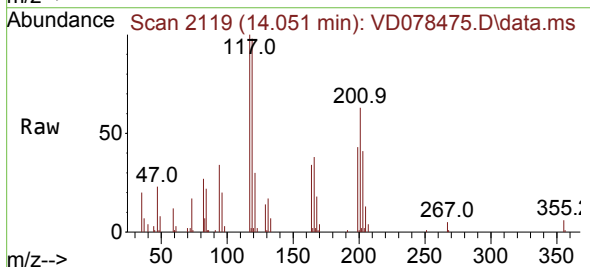
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

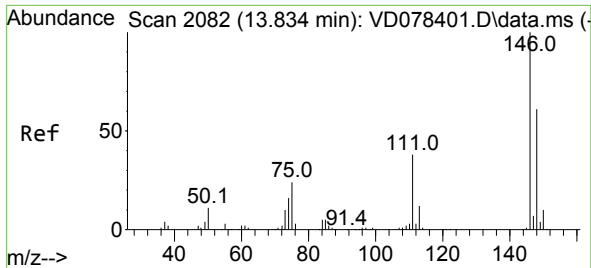
Tgt Ion: 91 Resp: 134113
Ion Ratio Lower Upper
91 100
92 52.0 26.5 79.5
134 24.9 13.8 41.3



#90
Hexachloroethane
Concen: 23.987 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

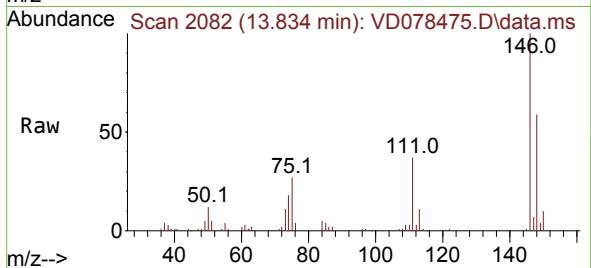
Tgt Ion: 117 Resp: 29766
Ion Ratio Lower Upper
117 100
201 66.8 38.5 115.5



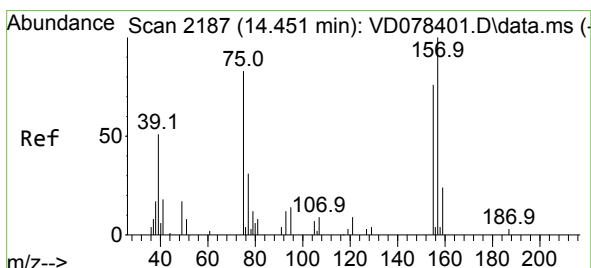
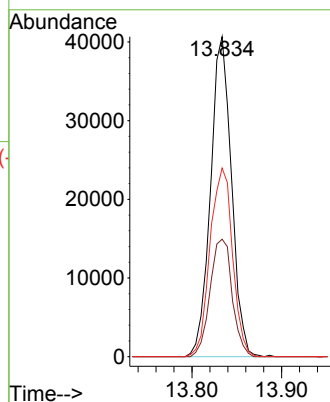
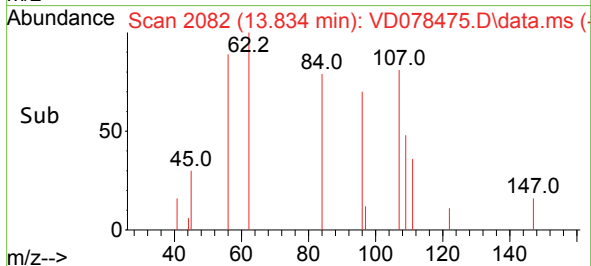


#91
1,2-Dichlorobenzene
Concen: 23.970 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

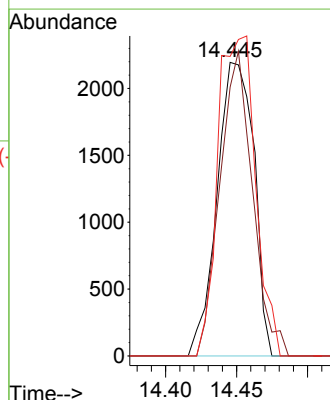
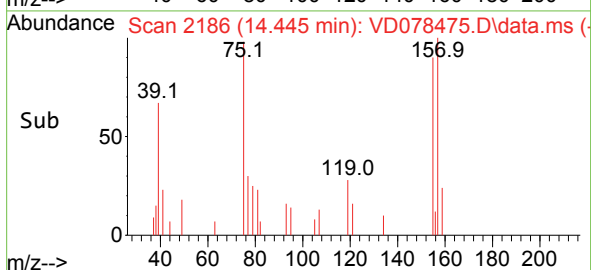
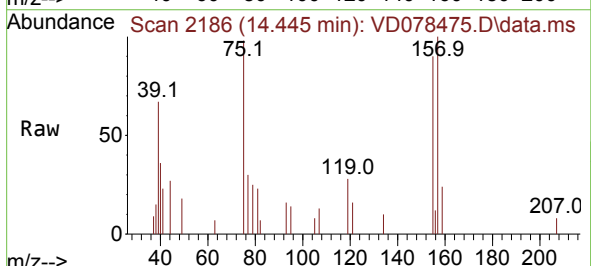


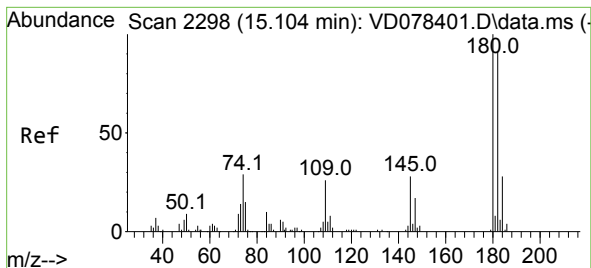
Tgt Ion:146 Resp: 65897
Ion Ratio Lower Upper
146 100
111 38.8 18.3 54.8
148 63.2 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.383 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Tgt Ion: 75 Resp: 3964
Ion Ratio Lower Upper
75 100
155 91.9 47.9 143.8
157 111.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 23.223 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078475.D

Acq: 20 Feb 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VD0220SBS01

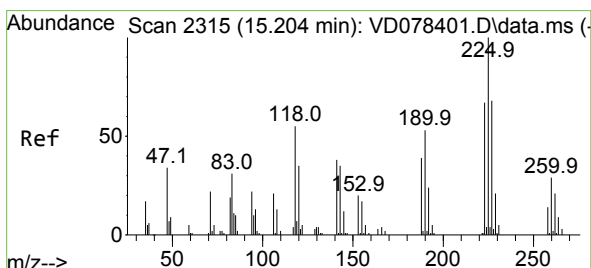
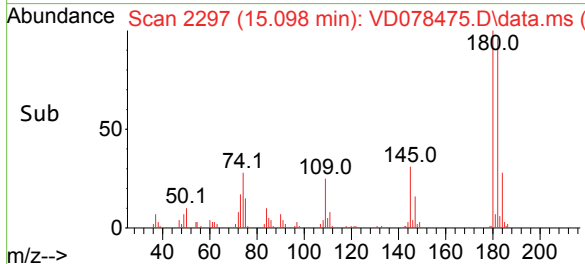
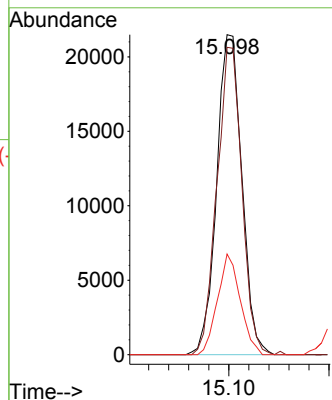
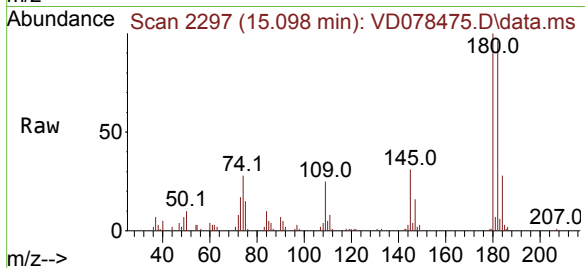
Tgt Ion:180 Resp: 37521

Ion Ratio Lower Upper

180 100

182 94.7 48.5 145.6

145 28.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 24.904 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078475.D

Acq: 20 Feb 2024 10:47

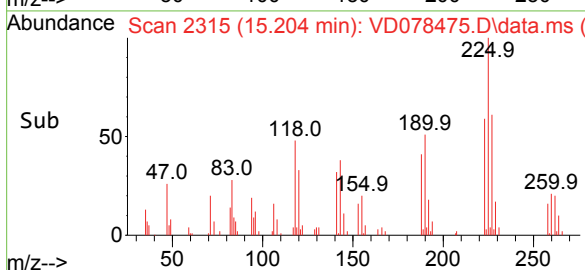
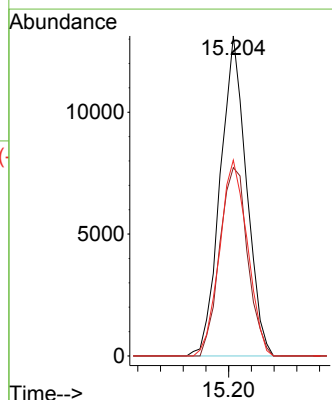
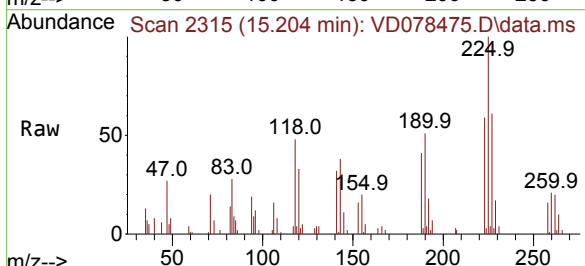
Tgt Ion:225 Resp: 21002

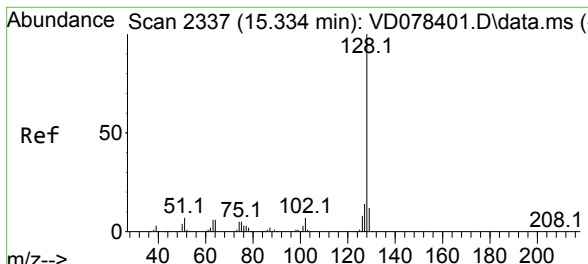
Ion Ratio Lower Upper

225 100

223 62.9 31.6 94.8

227 64.7 31.7 95.1

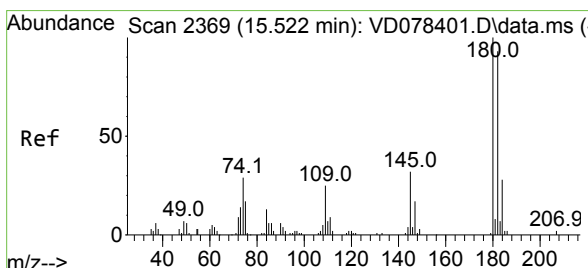
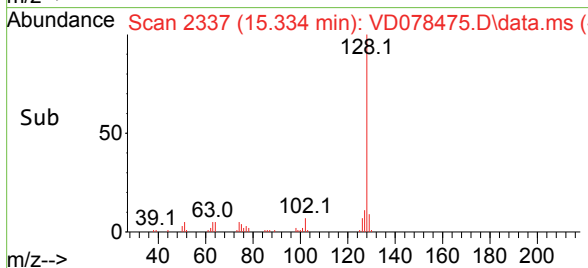
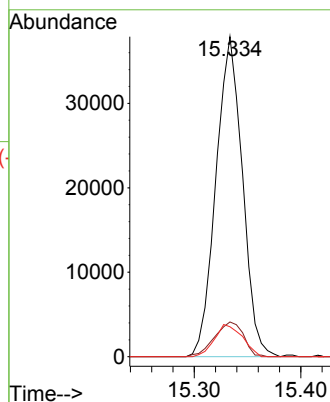
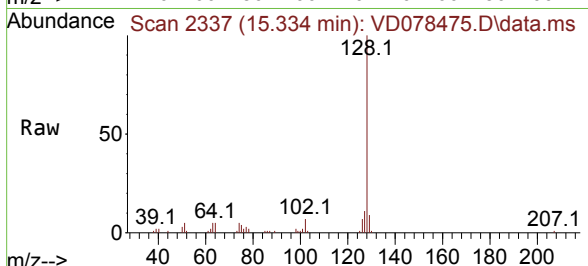




#95
Naphthalene
Concen: 21.853 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

Tgt Ion:128 Resp: 65486
Ion Ratio Lower Upper
128 100
127 10.9 10.5 15.7
129 9.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 23.346 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078475.D
Acq: 20 Feb 2024 10:47

Tgt Ion:180 Resp: 31967
Ion Ratio Lower Upper
180 100
182 95.4 47.3 141.9
145 31.3 15.1 45.3

