

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
 Data File : VD078383.D
 Acq On : 09 Feb 2024 11:55
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 09 22:58:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	137438	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	235457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	215218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104655	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	66964	39.358	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.720%
35) Dibromofluoromethane	7.804	113	70400	41.998	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.000%
50) Toluene-d8	10.269	98	263148	41.464	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.920%
62) 4-Bromofluorobenzene	12.569	95	81491	42.877	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.760%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.940	85	74364	51.663	ug/l	99
3) Chloromethane	2.152	50	142063	49.690	ug/l	98
4) Vinyl Chloride	2.281	62	187478	49.712	ug/l	99
5) Bromomethane	2.687	94	96696	42.352	ug/l	100
6) Chloroethane	2.834	64	123129	47.268	ug/l	96
7) Trichlorofluoromethane	3.169	101	152390	47.727	ug/l	99
8) Diethyl Ether	3.593	74	45492	48.163	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.969	101	91331	46.609	ug/l	94
10) Methyl Iodide	4.158	142	85251	47.827	ug/l #	87
11) Tert butyl alcohol	5.058	59	13945	128.496	ug/l #	81
12) 1,1-Dichloroethene	3.940	96	86732	45.872	ug/l #	84
13) Acrolein	3.799	56	17591	134.159	ug/l	95
14) Allyl chloride	4.563	41	114351	45.872	ug/l	89
15) Acrylonitrile	5.252	53	92868	222.441	ug/l	98
16) Acetone	4.028	43	91907	229.220	ug/l #	79
17) Carbon Disulfide	4.269	76	274155	42.950	ug/l	100
18) Methyl Acetate	4.563	43	46211	50.958	ug/l #	88
19) Methyl tert-butyl Ether	5.316	73	186578	47.449	ug/l	100
20) Methylene Chloride	4.799	84	99173	48.002	ug/l	90
21) trans-1,2-Dichloroethene	5.316	96	99375	46.484	ug/l	85
22) Diisopropyl ether	6.222	45	253476	47.786	ug/l	93
23) Vinyl Acetate	6.157	43	742226	229.351	ug/l #	91
24) 1,1-Dichloroethane	6.110	63	172455	46.964	ug/l	96
25) 2-Butanone	7.081	43	125536	221.429	ug/l	91
26) 2,2-Dichloropropane	7.075	77	147016	49.012	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	111549	47.080	ug/l	90
28) Bromochloromethane	7.428	49	46004	35.125	ug/l #	78
29) Tetrahydrofuran	7.451	42	67412	222.268	ug/l	88
30) Chloroform	7.593	83	177423	47.255	ug/l	98
31) Cyclohexane	7.875	56	139998	43.936	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	159652	49.340	ug/l	98
36) 1,1-Dichloropropene	8.004	75	141731	50.988	ug/l	95
37) Ethyl Acetate	7.169	43	45834	42.841	ug/l #	95
38) Carbon Tetrachloride	7.987	117	141158	51.646	ug/l	95
39) Methylcyclohexane	9.275	83	161643	49.184	ug/l	96
40) Benzene	8.251	78	394645	48.658	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
 Data File : VD078383.D
 Acq On : 09 Feb 2024 11:55
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 09 22:58:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	26028	45.252	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	103255	49.085	ug/l	93
43) Isopropyl Acetate	8.363	43	94843	49.443	ug/l #	89
44) Trichloroethene	9.028	130	102630	51.532	ug/l	90
45) 1,2-Dichloropropane	9.304	63	96133	48.477	ug/l	98
46) Dibromomethane	9.398	93	51741	47.026	ug/l	92
47) Bromodichloromethane	9.587	83	133555	49.337	ug/l	97
48) Methyl methacrylate	9.381	41	47642	51.975	ug/l #	77
49) 1,4-Dioxane	9.381	88	11629	942.204	ug/l #	89
51) 4-Methyl-2-Pentanone	10.157	43	253259	244.060	ug/l	90
52) Toluene	10.334	92	252114	51.247	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	125753	49.734	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	153198	51.178	ug/l #	88
55) 1,1,2-Trichloroethane	10.734	97	72419	50.438	ug/l	96
56) Ethyl methacrylate	10.598	69	82702	50.782	ug/l #	82
57) 1,3-Dichloropropane	10.875	76	122498	49.480	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	164527	222.153	ug/l	98
59) 2-Hexanone	10.922	43	189595	242.598	ug/l	86
60) Dibromochloromethane	11.069	129	85480	51.286	ug/l	94
61) 1,2-Dibromoethane	11.181	107	67102	49.500	ug/l	99
64) Tetrachloroethene	10.810	164	79650	53.062	ug/l	94
65) Chlorobenzene	11.604	112	256470	49.811	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	94854	51.742	ug/l	97
67) Ethyl Benzene	11.681	91	488670	52.394	ug/l	96
68) m/p-Xylenes	11.792	106	381533	106.329	ug/l	90
69) o-Xylene	12.122	106	176211	53.436	ug/l	90
70) Styrene	12.134	104	299461	53.176	ug/l	95
71) Bromoform	12.298	173	48382	53.586	ug/l #	99
73) Isopropylbenzene	12.422	105	456802	51.589	ug/l	95
74) N-amyl acetate	12.234	43	89612	48.933	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	82313	48.137	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	98284	89.852	ug/l #	100
77) Bromobenzene	12.698	156	98910	50.760	ug/l	84
78) n-propylbenzene	12.763	91	576265	52.244	ug/l	94
79) 2-Chlorotoluene	12.851	91	303800	51.451	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	385369	53.497	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	25390	46.164	ug/l	91
82) 4-Chlorotoluene	12.945	91	322070	51.164	ug/l	94
83) tert-Butylbenzene	13.163	119	332889	54.159	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	386318	53.007	ug/l	95
85) sec-Butylbenzene	13.345	105	503450	52.189	ug/l	96
86) p-Isopropyltoluene	13.457	119	426459	53.974	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	213812	52.818	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	203925	50.915	ug/l	97
89) n-Butylbenzene	13.786	91	408823	53.098	ug/l	98
90) Hexachloroethane	14.051	117	81498	51.641	ug/l	85
91) 1,2-Dichlorobenzene	13.828	146	176801	51.051	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11728	48.927	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	103623	51.729	ug/l	99
94) Hexachlorobutadiene	15.204	225	55473	56.514	ug/l	98
95) Naphthalene	15.328	128	209485	52.449	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	92288	52.324	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
Data File : VD078383.D
Acq On : 09 Feb 2024 11:55
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

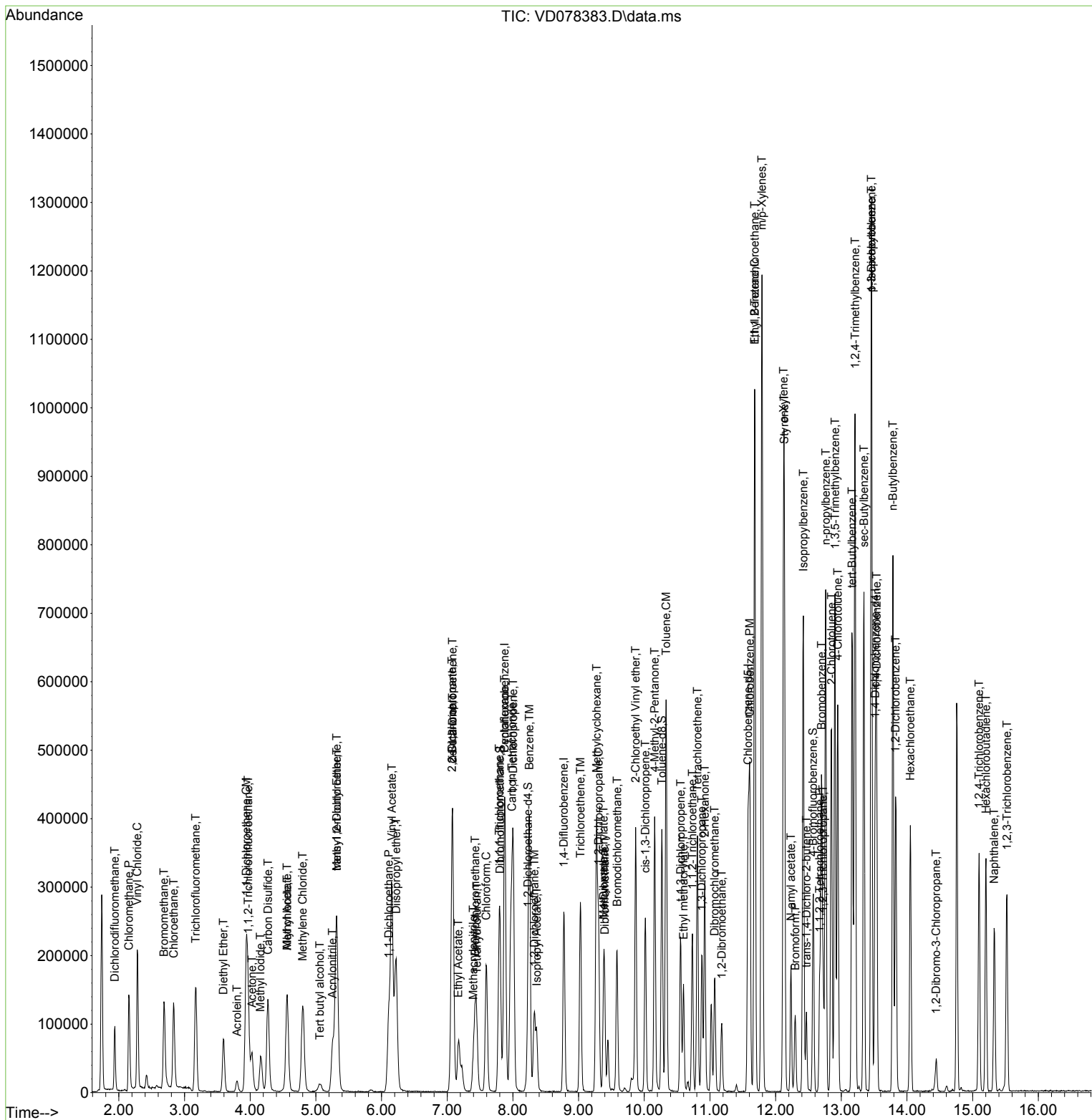
Quant Time: Feb 09 22:58:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 03:58:19 2024
Response via : Initial Calibration

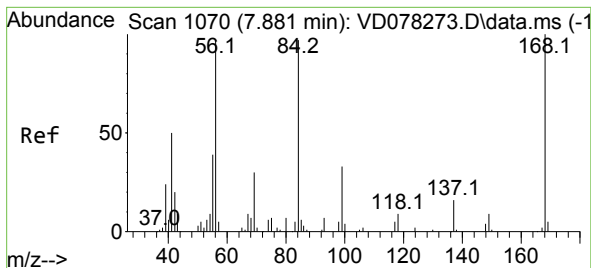
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: Feb 09 22:58:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 03:58:19 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078383.D

Acq: 09 Feb 2024 11:55

Instrument :

MSVOA_D

ClientSampleId :

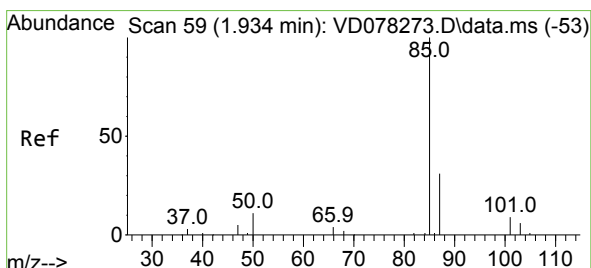
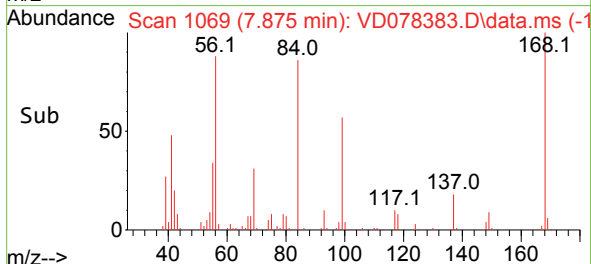
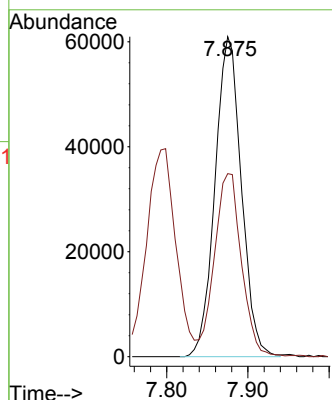
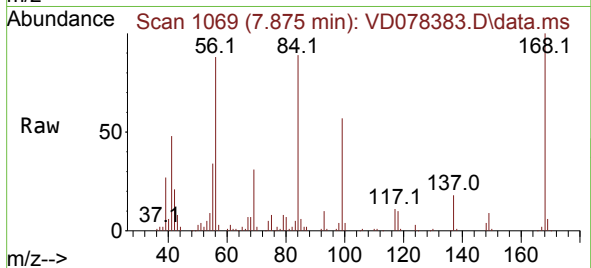
VSTDCCC050

Tgt Ion:168 Resp: 137438

Ion Ratio Lower Upper

168 100

99 56.7 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 51.663 ug/l

RT: 1.940 min Scan# 60

Delta R.T. 0.006 min

Lab File: VD078383.D

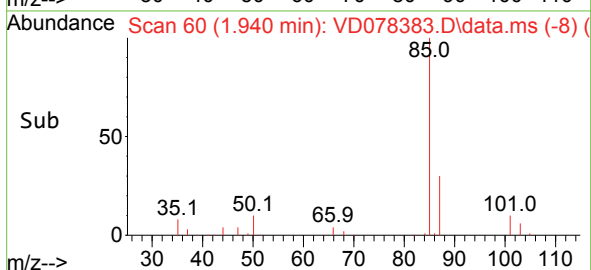
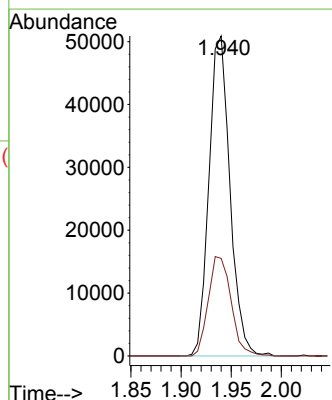
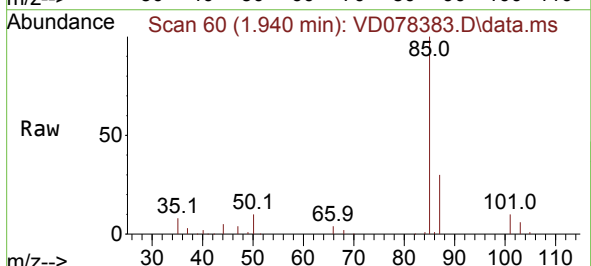
Acq: 09 Feb 2024 11:55

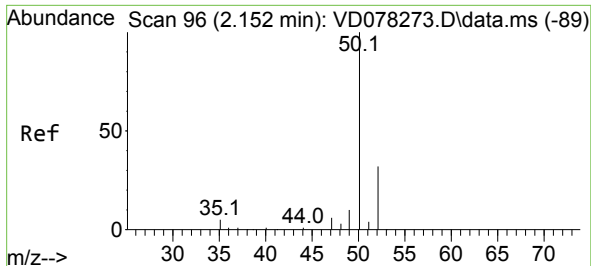
Tgt Ion: 85 Resp: 74364

Ion Ratio Lower Upper

85 100

87 30.5 15.7 47.0

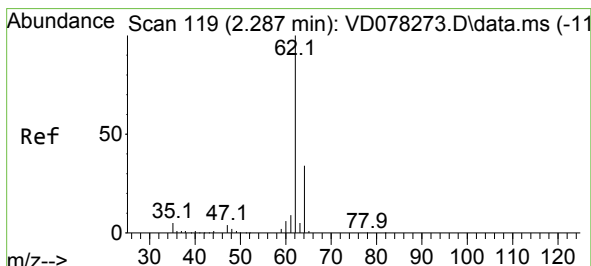
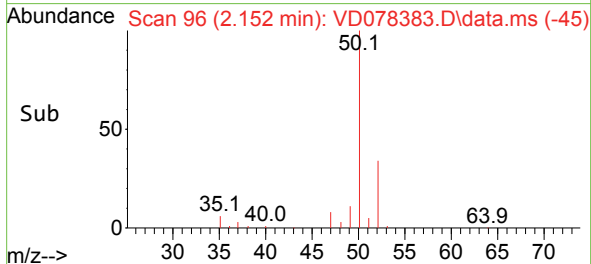
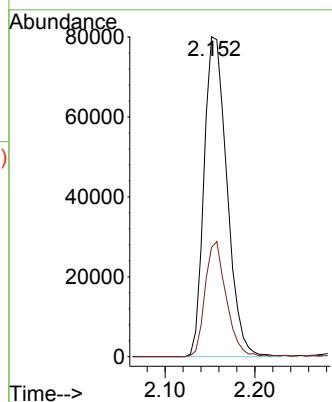
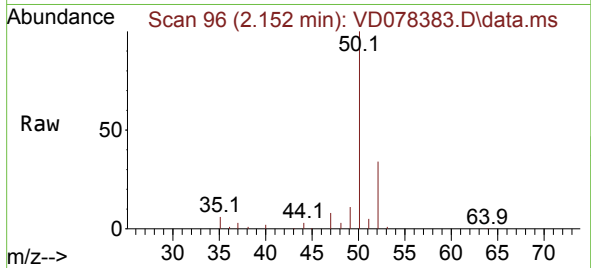




#3
Chloromethane
Concen: 49.690 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

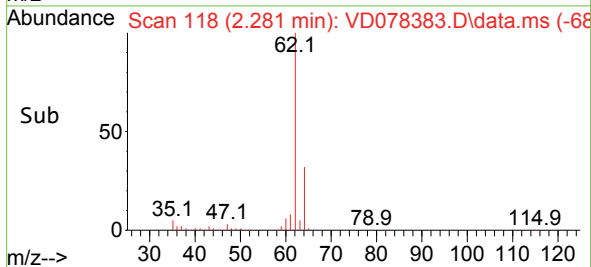
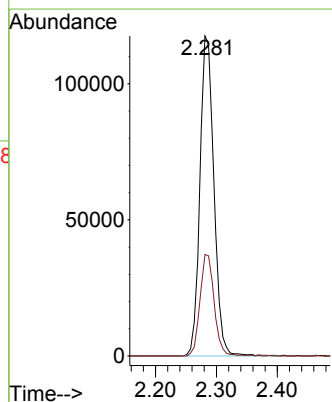
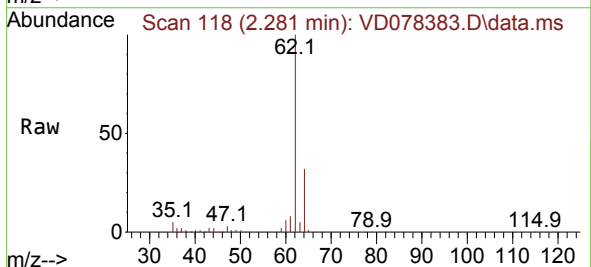
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

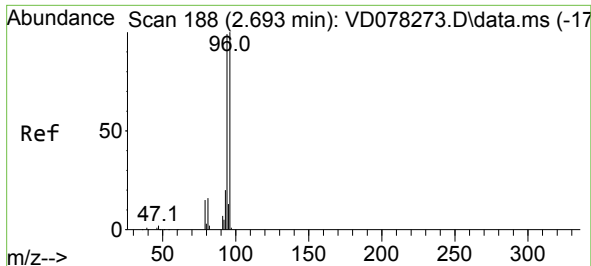
Tgt Ion: 50 Resp: 142063
Ion Ratio Lower Upper
50 100
52 34.2 26.6 40.0



#4
Vinyl Chloride
Concen: 49.712 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion: 62 Resp: 187478
Ion Ratio Lower Upper
62 100
64 31.7 26.0 39.0

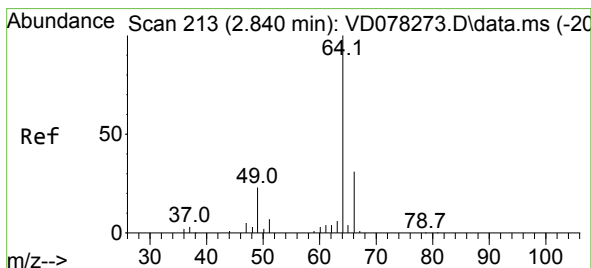
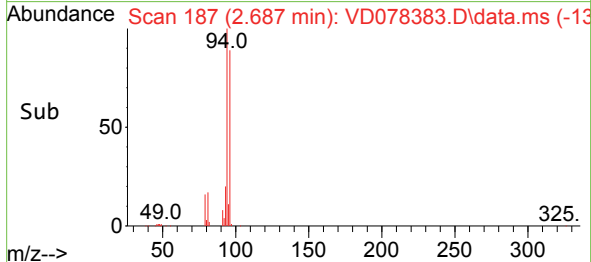
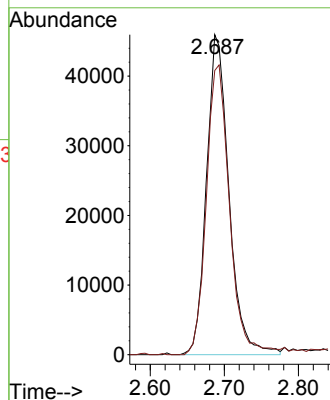
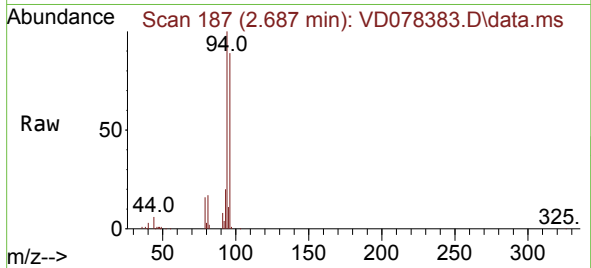




#5
Bromomethane
Concen: 42.352 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

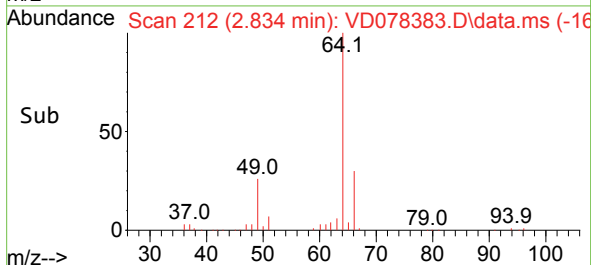
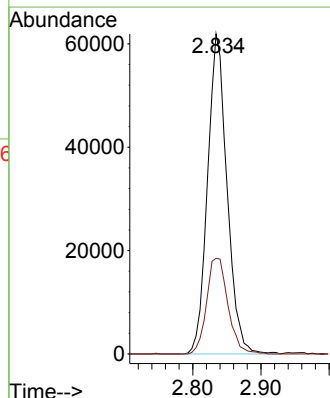
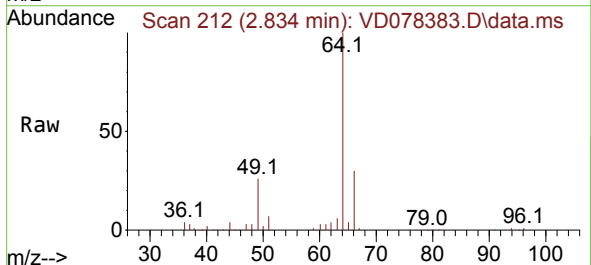
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

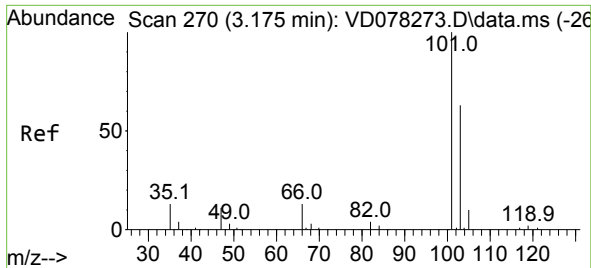
Tgt Ion: 94 Resp: 96696
Ion Ratio Lower Upper
94 100
96 95.0 75.8 113.8



#6
Chloroethane
Concen: 47.268 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion: 64 Resp: 123129
Ion Ratio Lower Upper
64 100
66 29.9 25.5 38.3

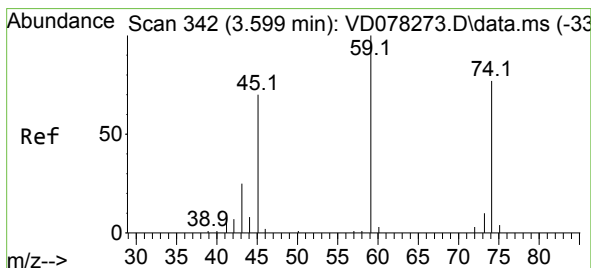
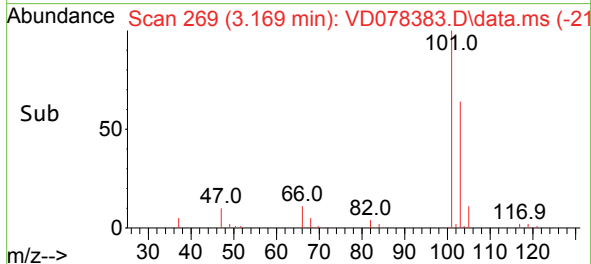
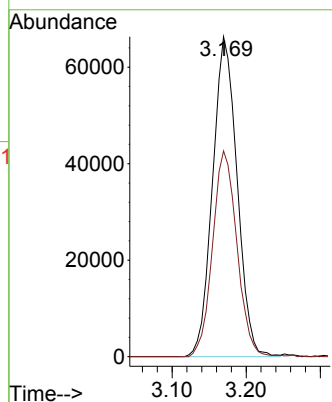
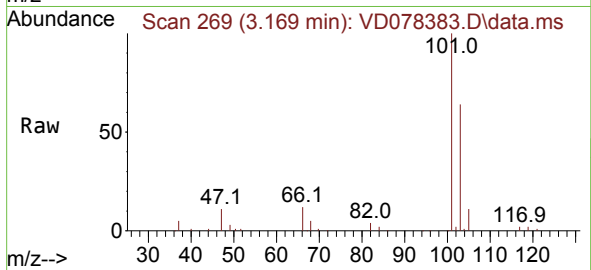




#7
Trichlorofluoromethane
Concen: 47.727 ug/l
RT: 3.169 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

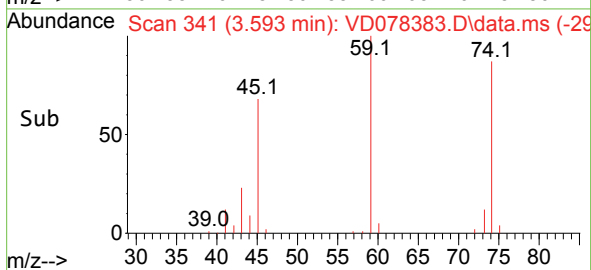
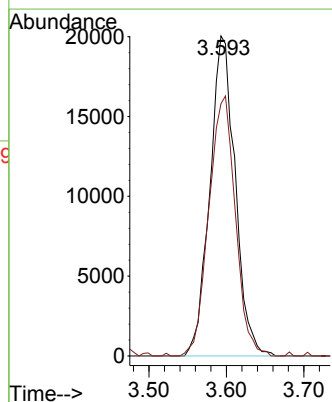
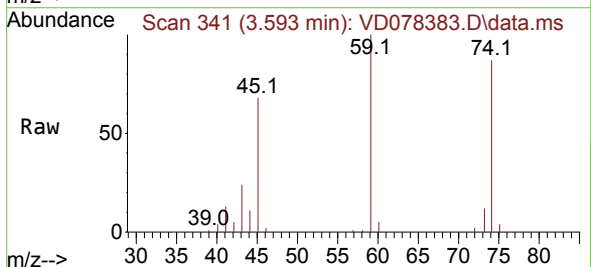
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

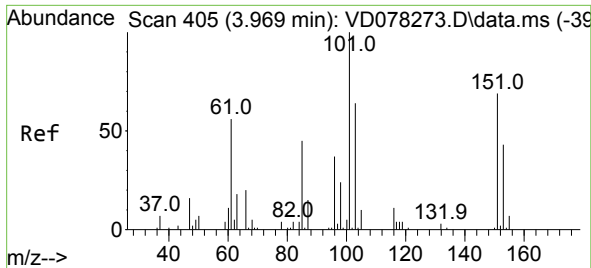
Tgt Ion:101 Resp: 152390
Ion Ratio Lower Upper
101 100
103 64.3 52.3 78.5



#8
Diethyl Ether
Concen: 48.163 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion: 74 Resp: 45492
Ion Ratio Lower Upper
74 100
45 85.1 37.5 112.7

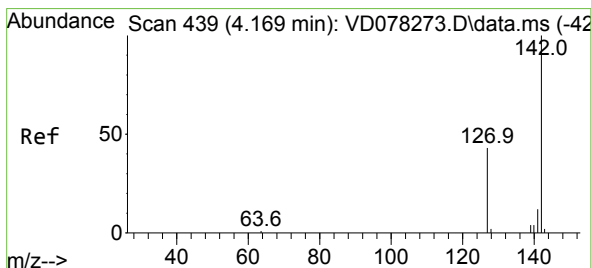
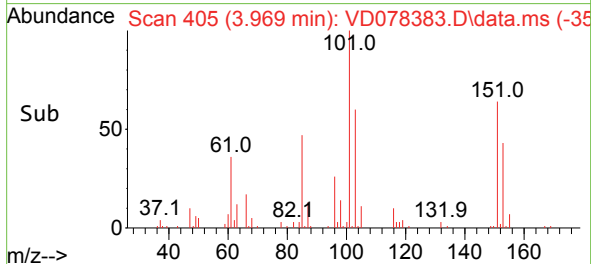
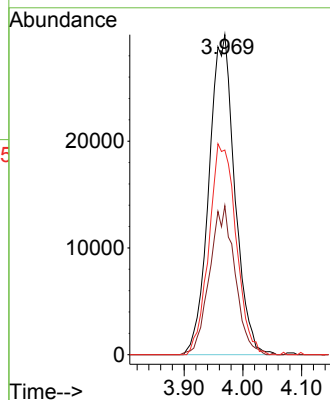
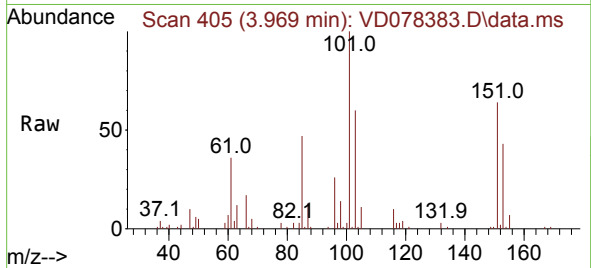




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.609 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

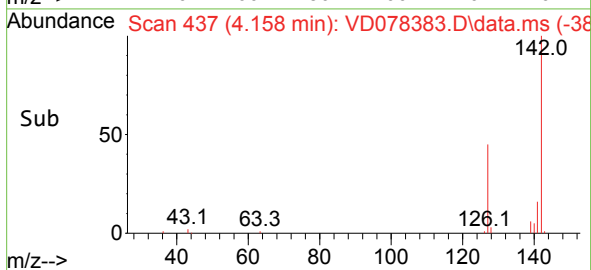
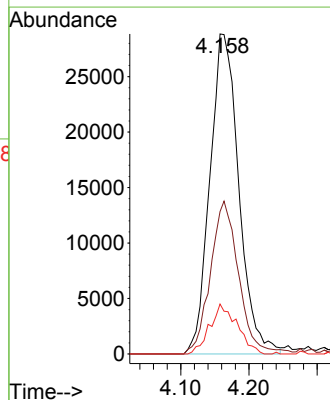
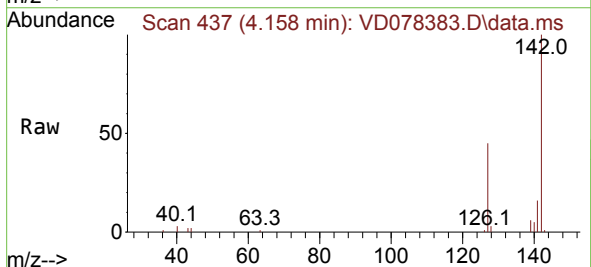
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

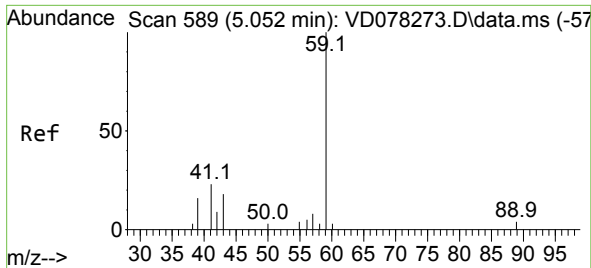
Tgt Ion:	101	Resp:	91331
Ion	Ratio	Lower	Upper
101	100		
85	45.9	33.8	50.6
151	69.2	59.8	89.6



#10
Methyl Iodide
Concen: 47.827 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.012 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion:	142	Resp:	85251
Ion	Ratio	Lower	Upper
142	100		
127	46.6	29.4	44.0#
141	14.8	11.1	16.7

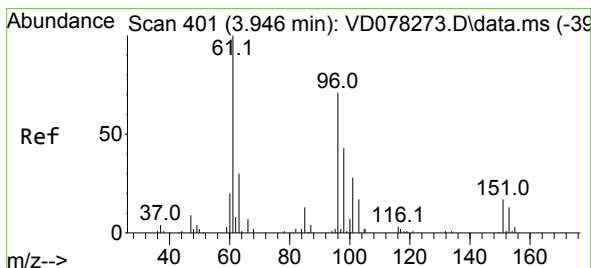
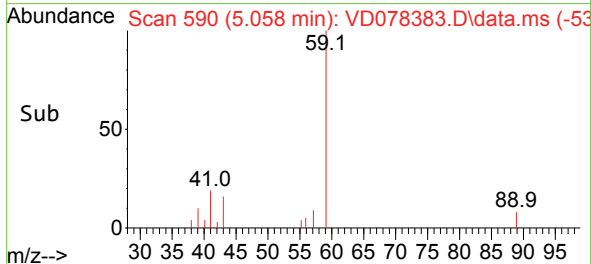
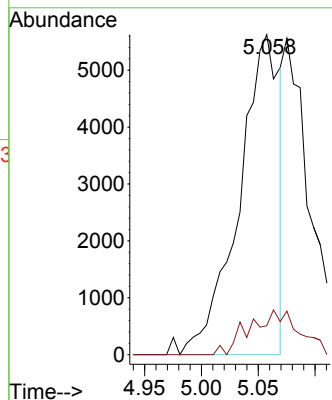
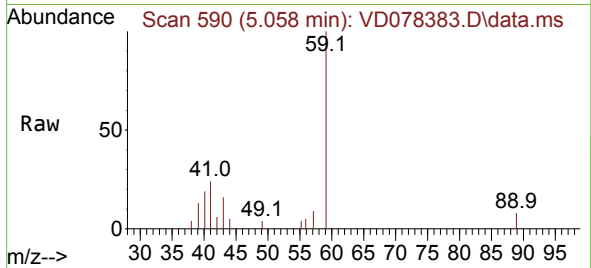




#11
Tert butyl alcohol
Concen: 128.496 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

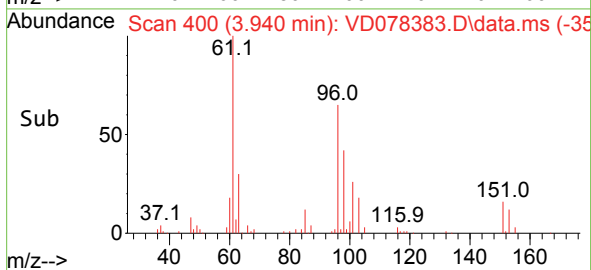
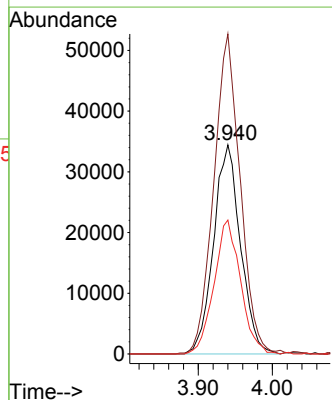
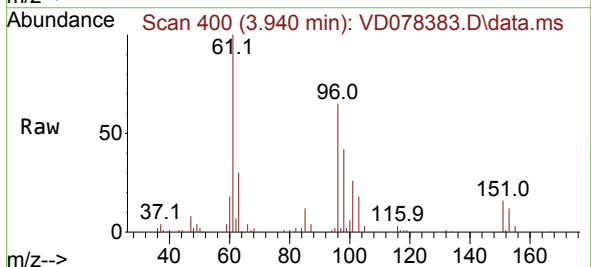
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

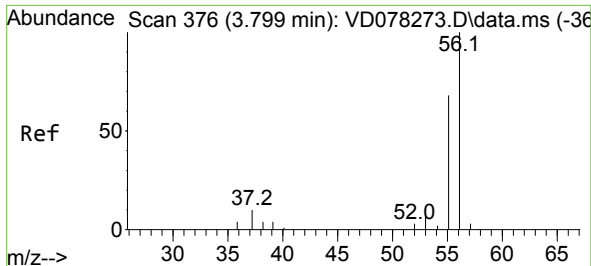
Tgt Ion: 59 Resp: 13945
Ion Ratio Lower Upper
59 100
57 16.9 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 45.872 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion: 96 Resp: 86732
Ion Ratio Lower Upper
96 100
61 152.6 100.6 150.8#
98 64.0 50.2 75.2

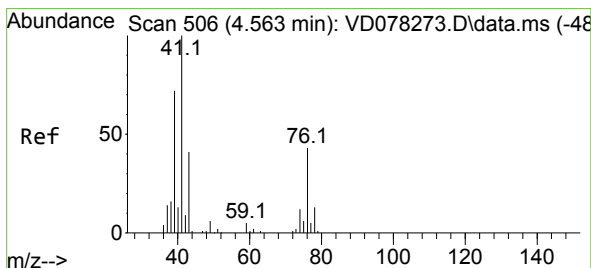
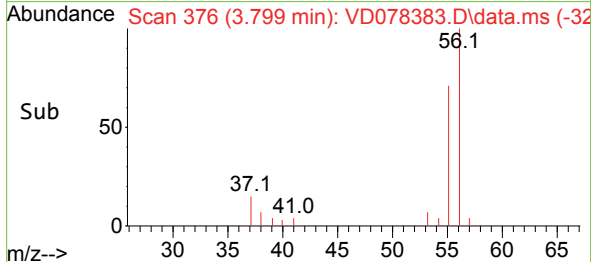
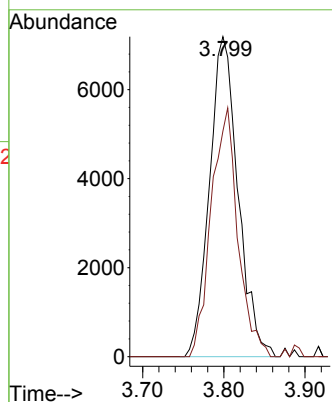
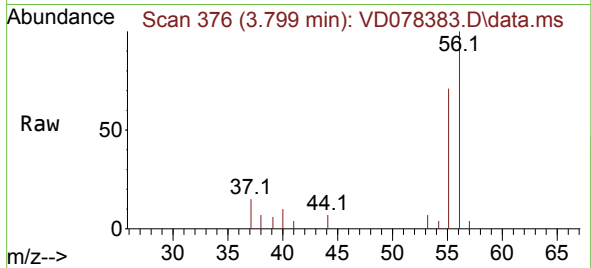




#13
Acrolein
Concen: 134.159 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

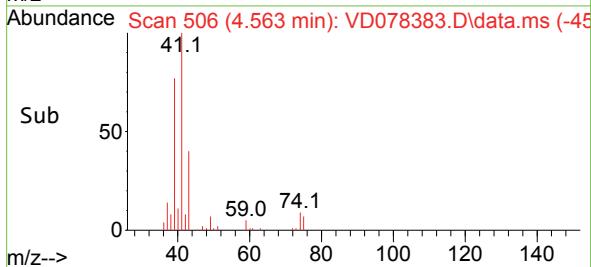
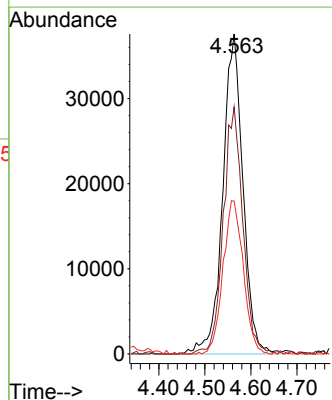
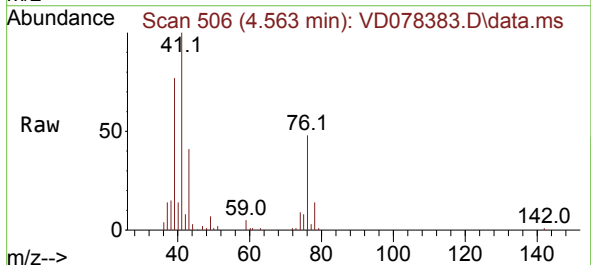
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

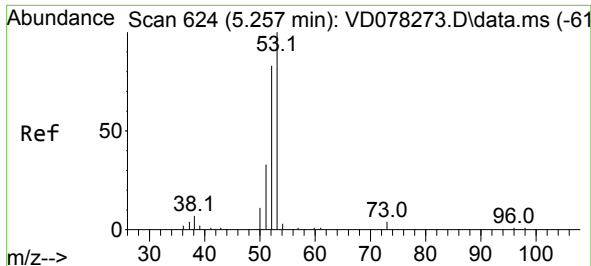
Tgt Ion: 56 Resp: 17591
Ion Ratio Lower Upper
56 100
55 72.7 55.1 82.7



#14
Allyl chloride
Concen: 45.872 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion: 41 Resp: 114351
Ion Ratio Lower Upper
41 100
39 74.5 53.8 80.6
76 48.1 45.8 68.8

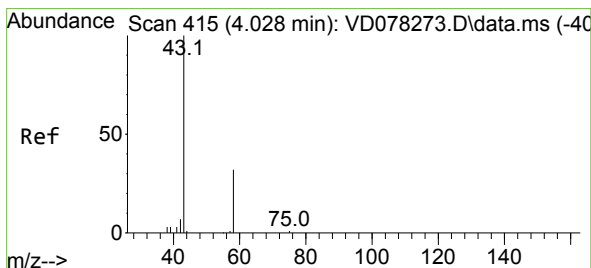
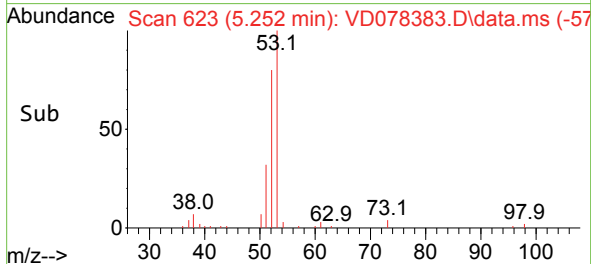
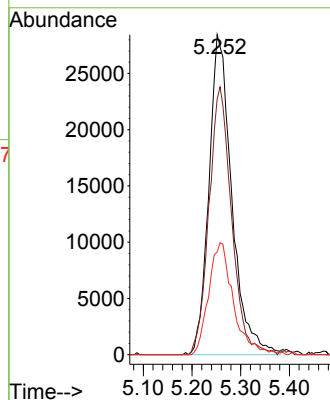
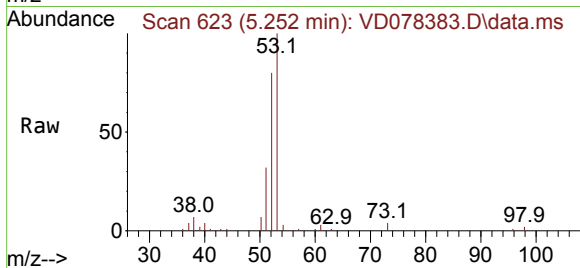




#15
Acrylonitrile
Concen: 222.441 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

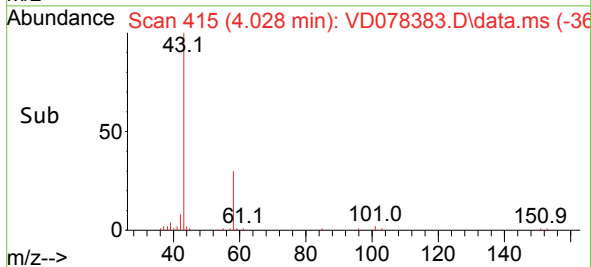
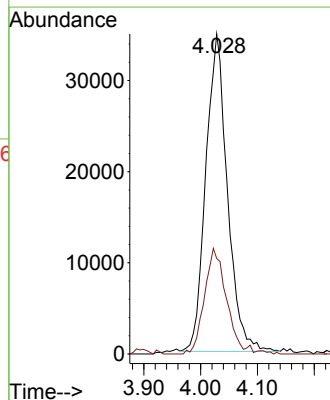
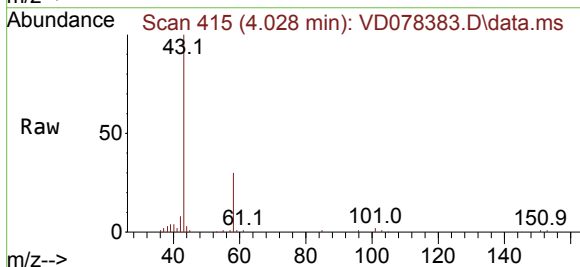
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

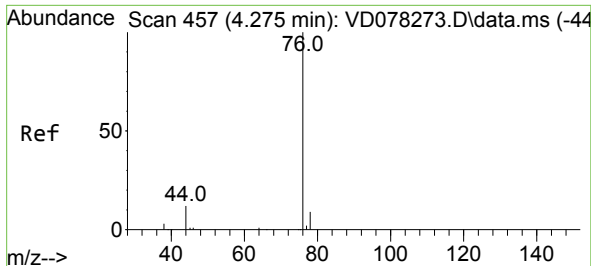
Tgt Ion: 53	Resp: 92868
Ion Ratio	Lower Upper
53 100	
52 82.7	65.0 97.4
51 37.8	28.3 42.5



#16
Acetone
Concen: 229.220 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion: 43	Resp: 91907
Ion Ratio	Lower Upper
43 100	
58 30.1	34.7 52.1#

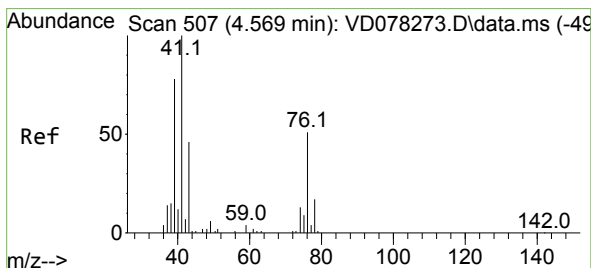
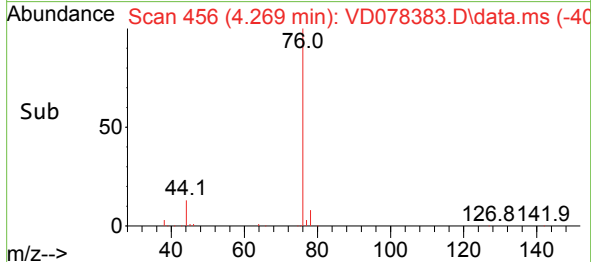
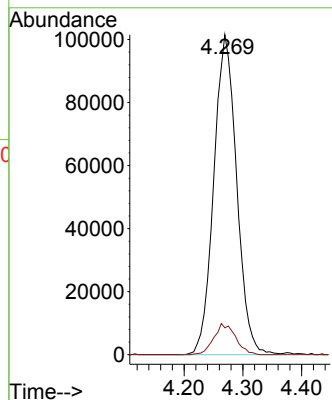
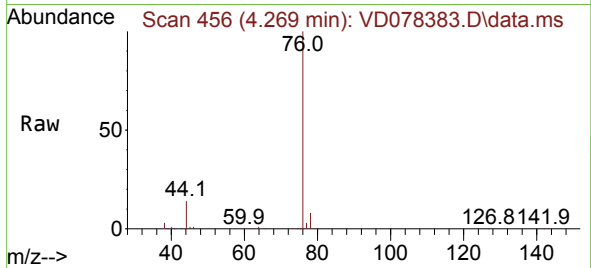




#17
Carbon Disulfide
Concen: 42.950 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

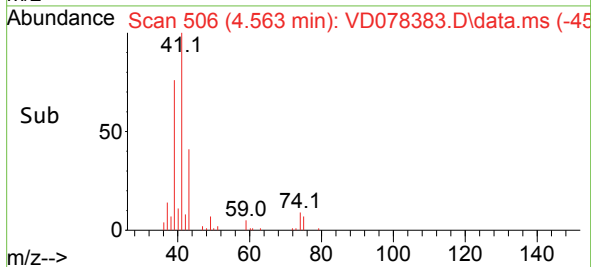
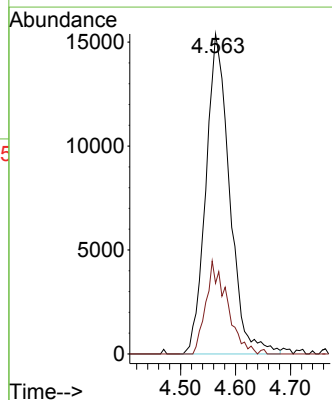
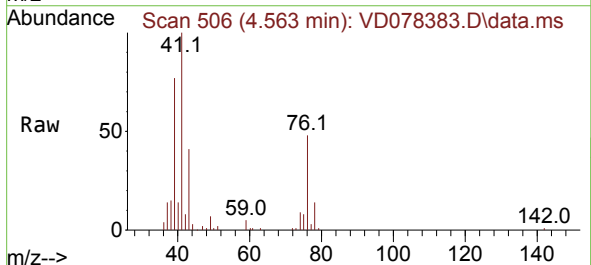
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

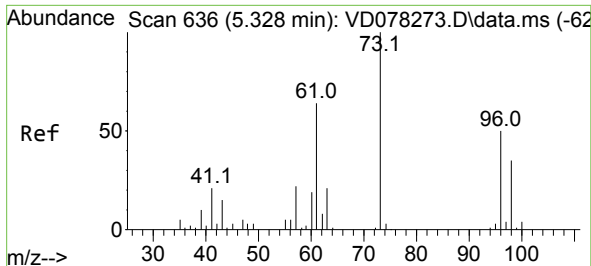
Tgt Ion: 76 Resp: 274155
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#18
Methyl Acetate
Concen: 50.958 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion: 43 Resp: 46211
Ion Ratio Lower Upper
43 100
74 26.2 26.4 39.6#

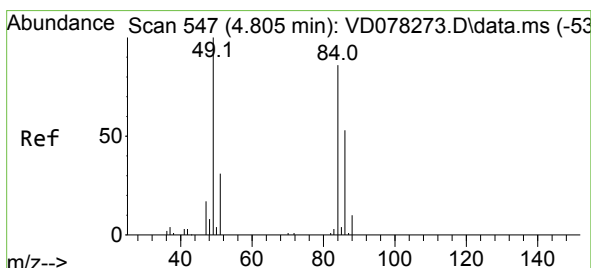
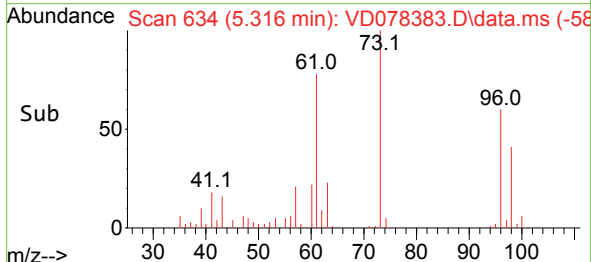
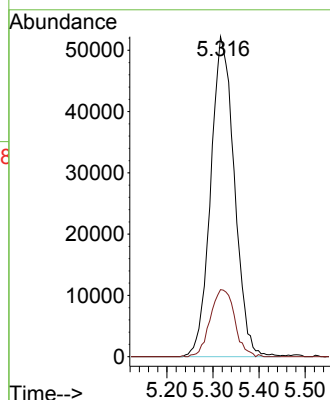
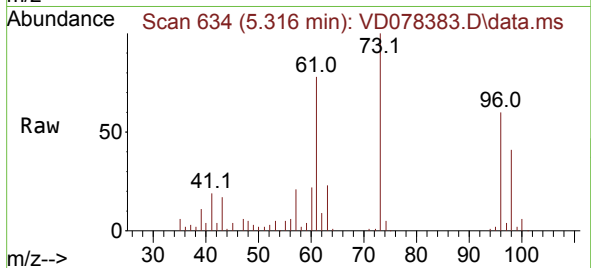




#19
Methyl tert-butyl Ether
Concen: 47.449 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

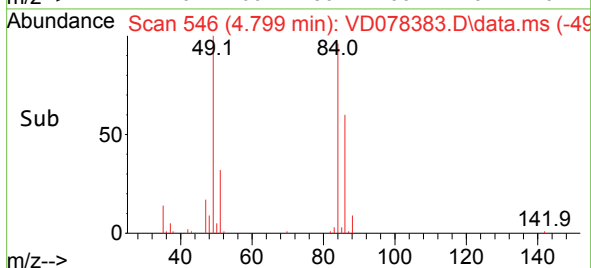
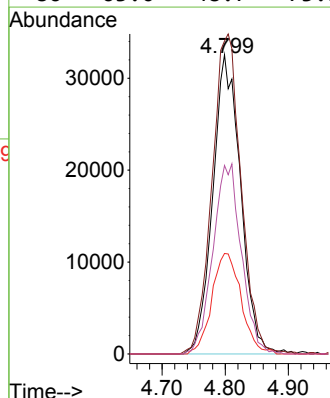
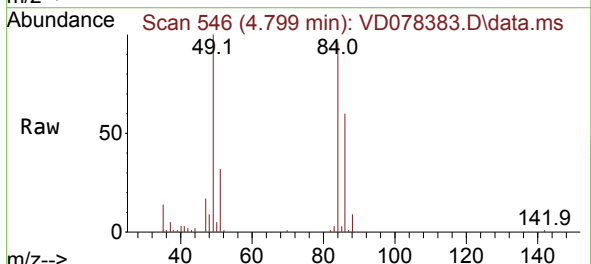
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

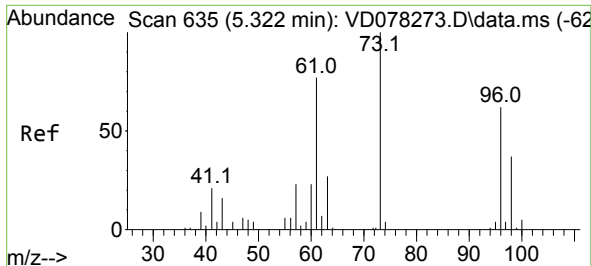
Tgt Ion: 73 Resp: 186578
Ion Ratio Lower Upper
73 100
57 20.9 16.6 25.0



#20
Methylene Chloride
Concen: 48.002 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion: 84 Resp: 99173
Ion Ratio Lower Upper
84 100
49 104.6 71.4 107.2
51 33.6 24.5 36.7
86 63.0 48.7 73.1

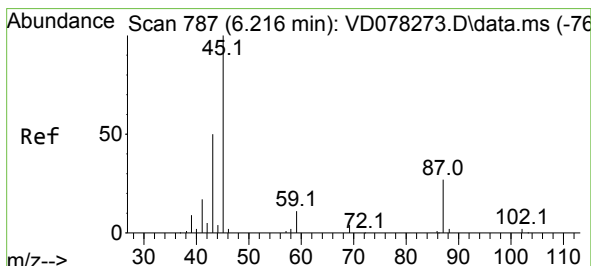
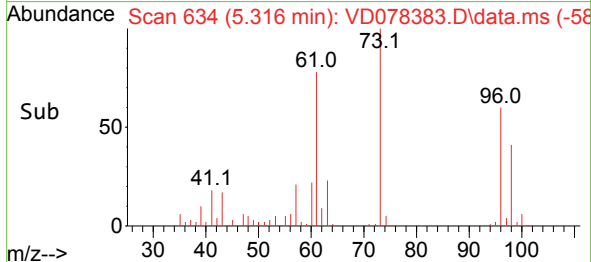
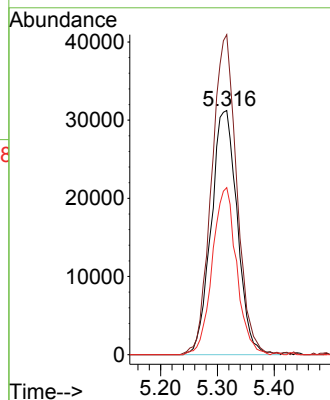
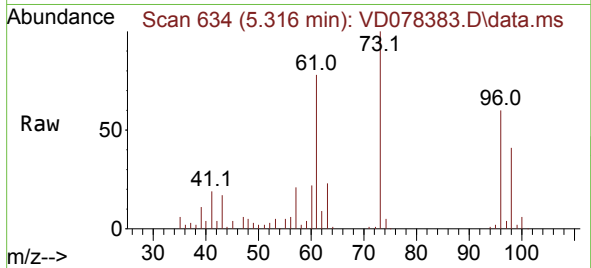




#21
trans-1,2-Dichloroethene
Concen: 46.484 ug/l
RT: 5.316 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

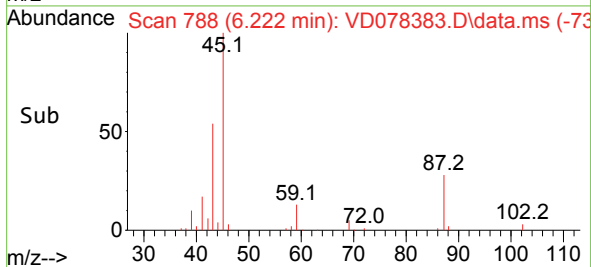
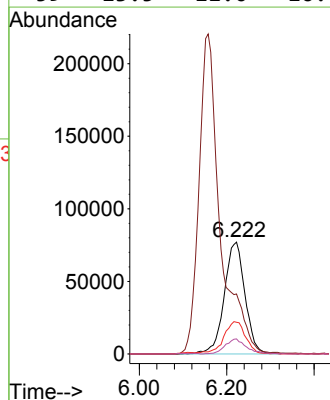
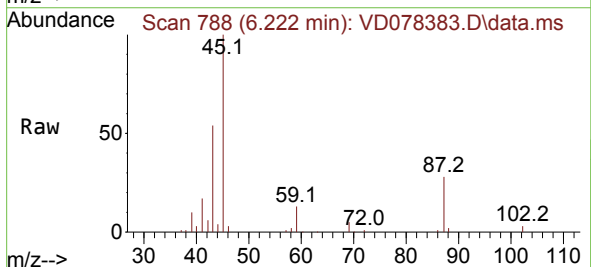
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

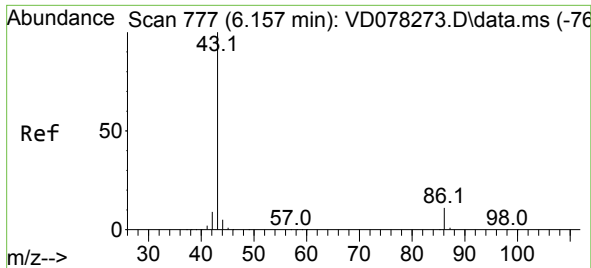
Tgt Ion: 96 Resp: 99375
Ion Ratio Lower Upper
96 100
61 131.1 89.3 133.9
98 68.4 48.6 73.0



#22
Diisopropyl ether
Concen: 47.786 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion: 45 Resp: 253476
Ion Ratio Lower Upper
45 100
43 53.2 40.0 60.0
87 28.4 28.2 42.4
59 13.5 11.0 16.4

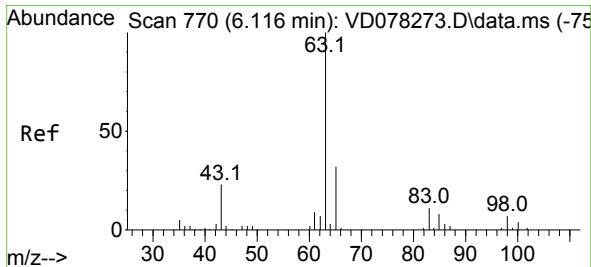
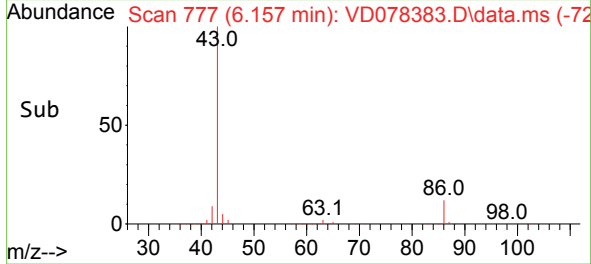
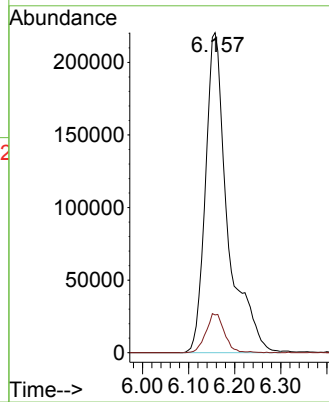
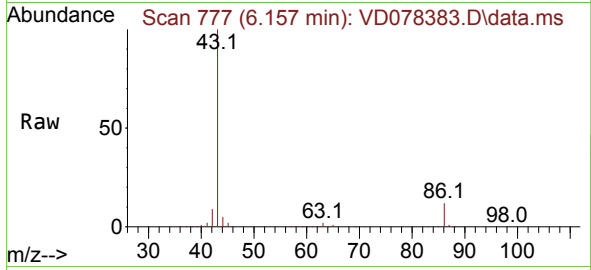




#23
 Vinyl Acetate
 Concen: 229.351 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078383.D
 Acq: 09 Feb 2024 11:55

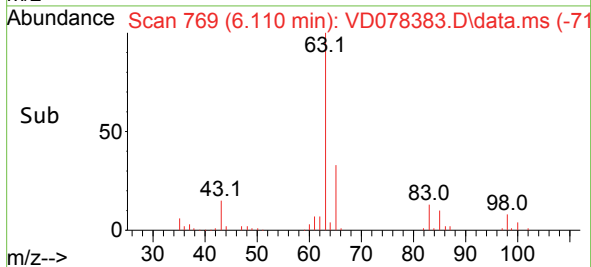
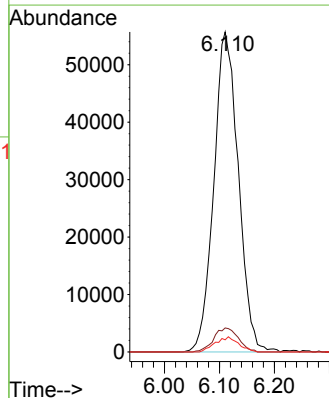
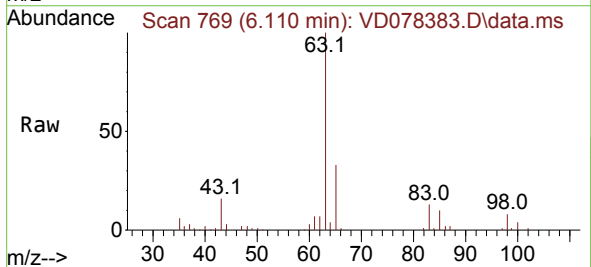
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

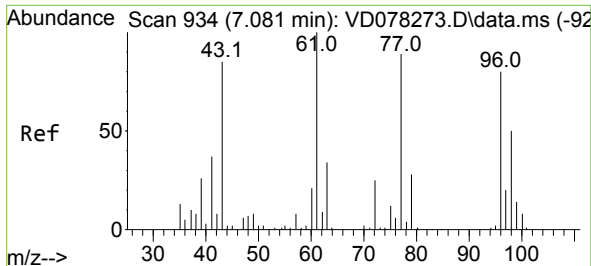
Tgt Ion: 43 Resp: 742226
 Ion Ratio Lower Upper
 43 100
 86 11.8 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 46.964 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078383.D
 Acq: 09 Feb 2024 11:55

Tgt Ion: 63 Resp: 172455
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.5 13.7
 100 3.8 2.5 7.5

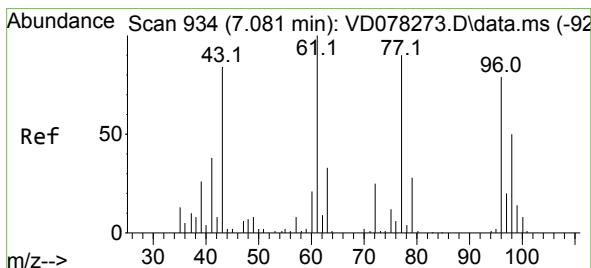
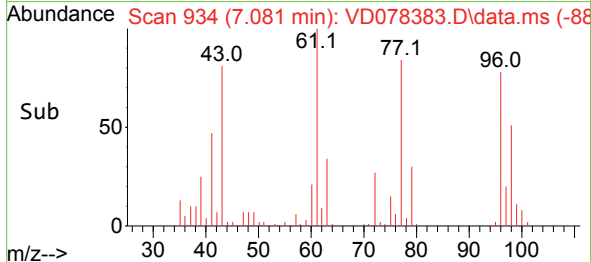
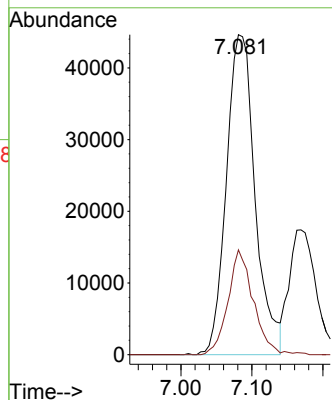
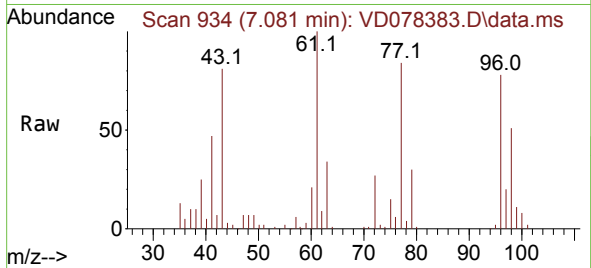




#25
2-Butanone
Concen: 221.429 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

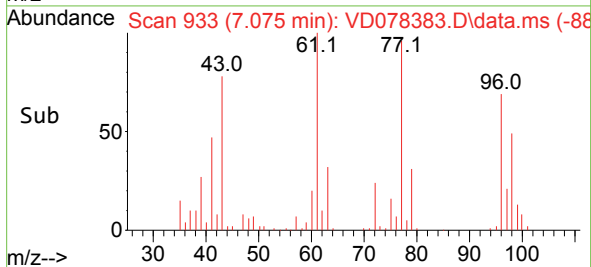
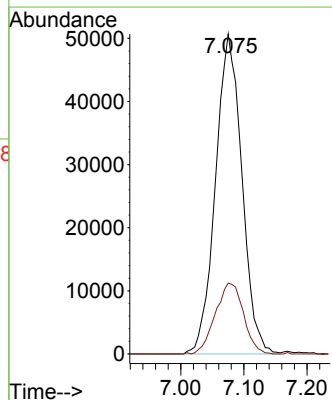
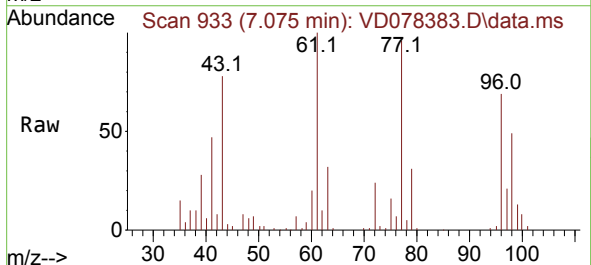
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

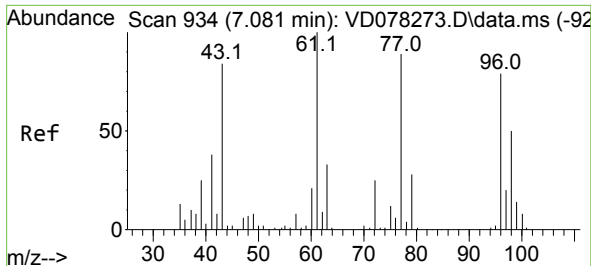
Tgt Ion: 43 Resp: 125536
Ion Ratio Lower Upper
43 100
72 32.8 30.7 46.1



#26
2,2-Dichloropropane
Concen: 49.012 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion: 77 Resp: 147016
Ion Ratio Lower Upper
77 100
97 23.6 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 47.080 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078383.D

Acq: 09 Feb 2024 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

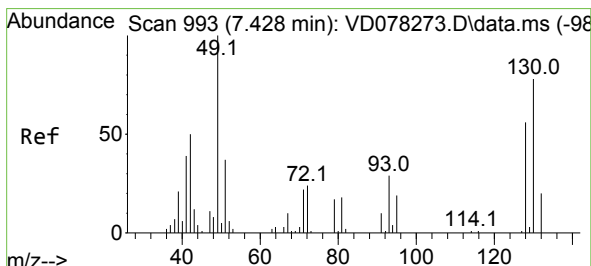
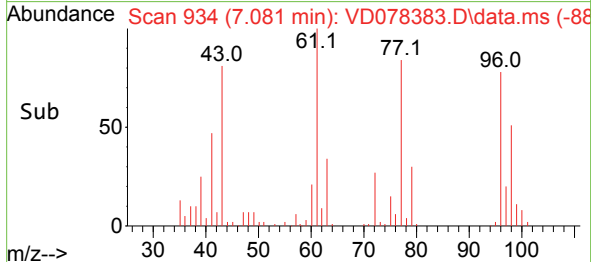
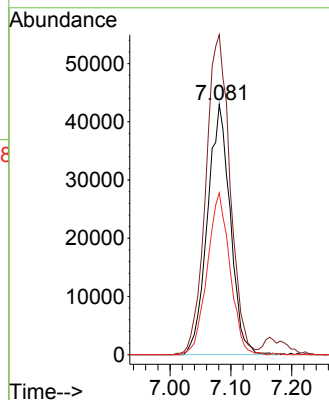
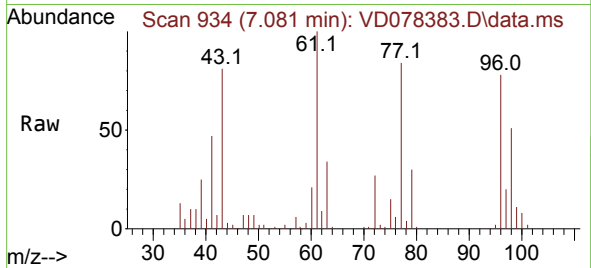
Tgt Ion: 96 Resp: 111549

Ion Ratio Lower Upper

96 100

61 136.3 0.0 239.2

98 64.3 0.0 128.6



#28

Bromochloromethane

Concen: 35.125 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD078383.D

Acq: 09 Feb 2024 11:55

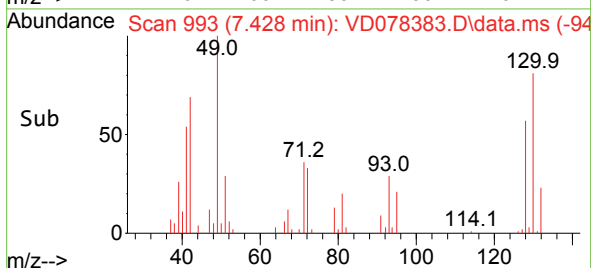
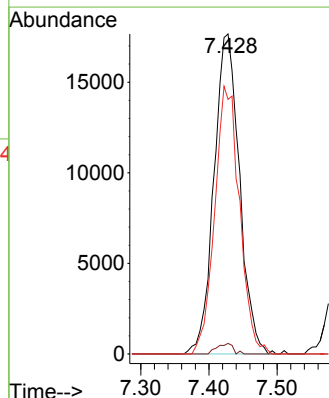
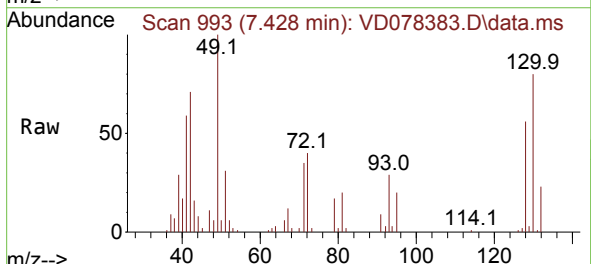
Tgt Ion: 49 Resp: 46004

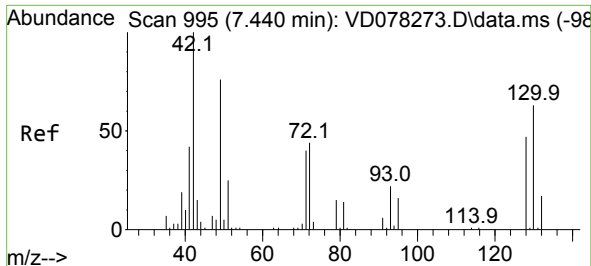
Ion Ratio Lower Upper

49 100

129 2.1 0.0 6.0

130 81.3 83.2 124.8#





#29

Tetrahydrofuran

Concen: 222.268 ug/l

RT: 7.451 min Scan# 995

Delta R.T. 0.012 min

Lab File: VD078383.D

Acq: 09 Feb 2024 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

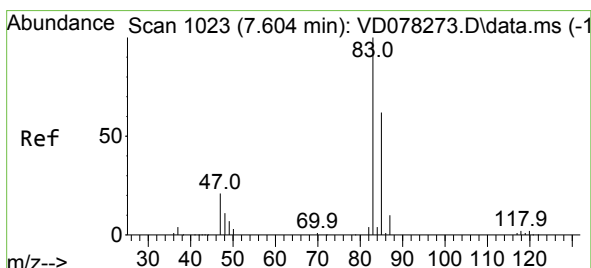
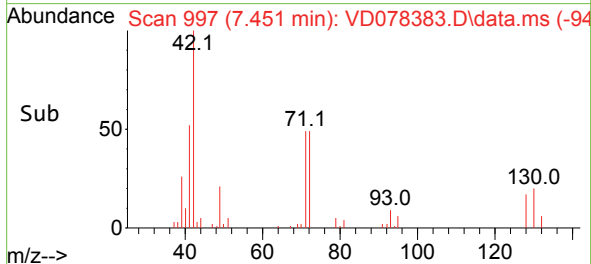
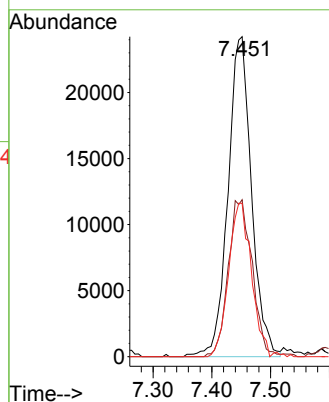
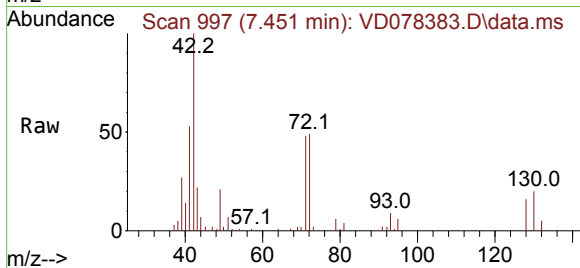
Tgt Ion: 42 Resp: 67412

Ion Ratio Lower Upper

42 100

72 49.9 46.5 69.7

71 46.5 44.5 66.7



#30

Chloroform

Concen: 47.255 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.012 min

Lab File: VD078383.D

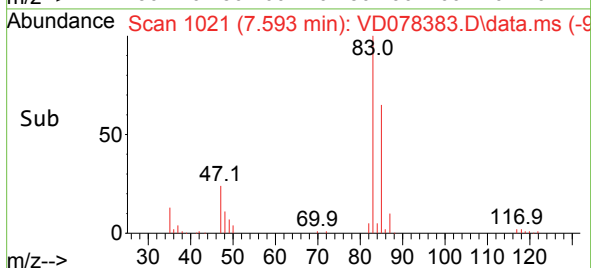
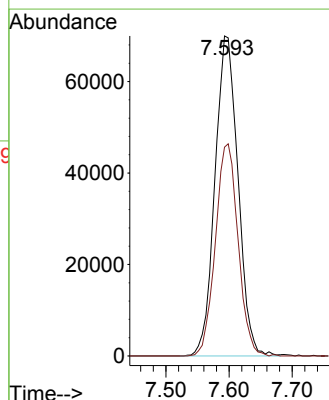
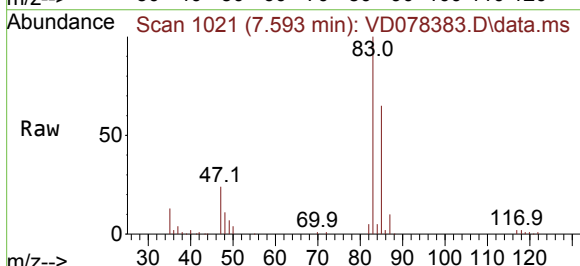
Acq: 09 Feb 2024 11:55

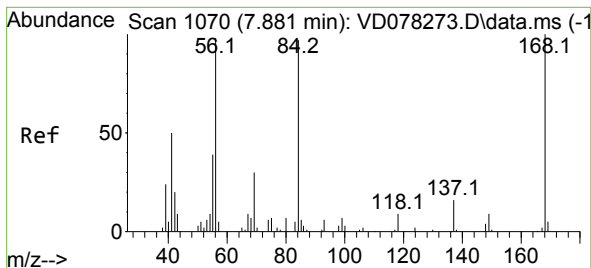
Tgt Ion: 83 Resp: 177423

Ion Ratio Lower Upper

83 100

85 65.3 53.4 80.2





#31

Cyclohexane

Concen: 43.936 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078383.D

Acq: 09 Feb 2024 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

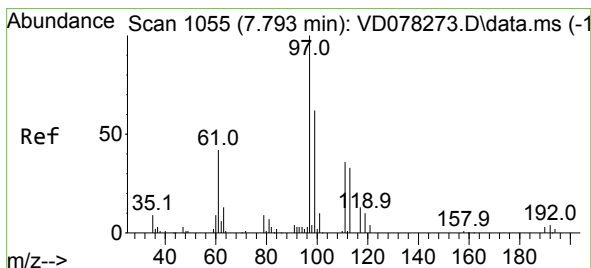
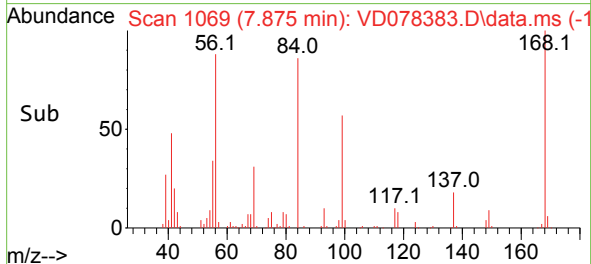
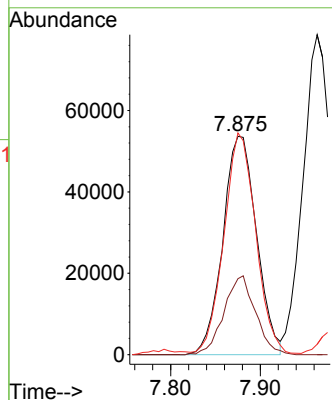
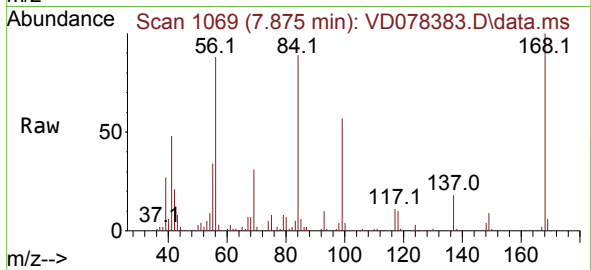
Tgt Ion: 56 Resp: 139998

Ion Ratio Lower Upper

56 100

69 34.8 28.6 43.0

84 100.2 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 49.340 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078383.D

Acq: 09 Feb 2024 11:55

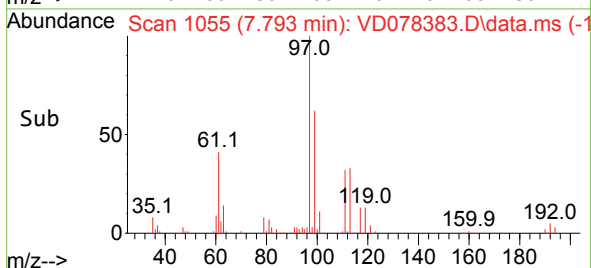
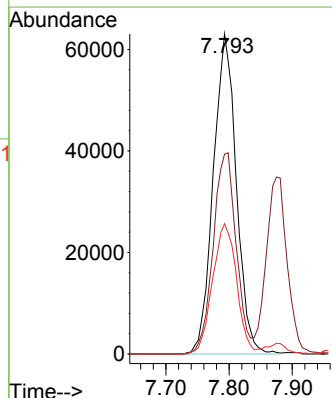
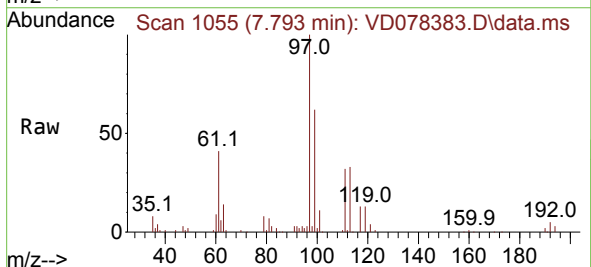
Tgt Ion: 97 Resp: 159652

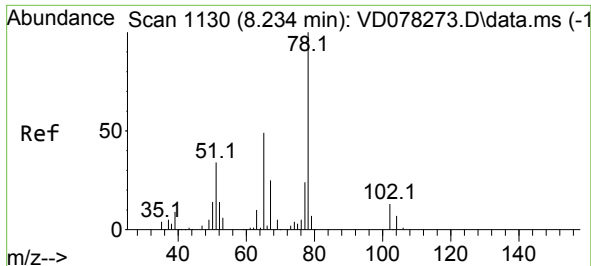
Ion Ratio Lower Upper

97 100

99 62.8 52.0 78.0

61 42.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 39.358 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078383.D

Acq: 09 Feb 2024 11:55

Instrument :

MSVOA_D

ClientSampleId :

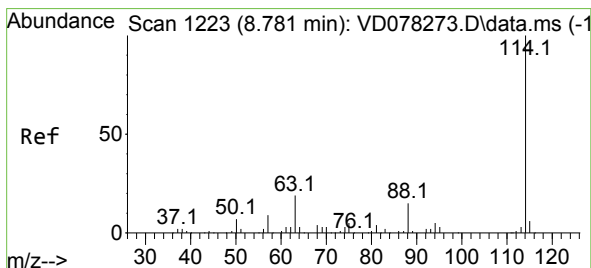
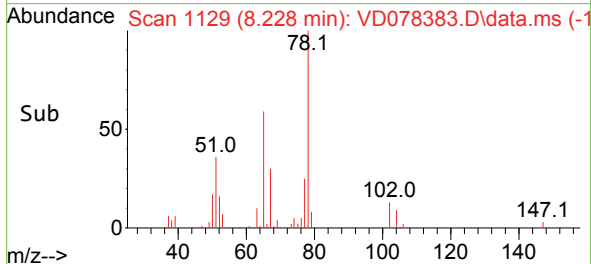
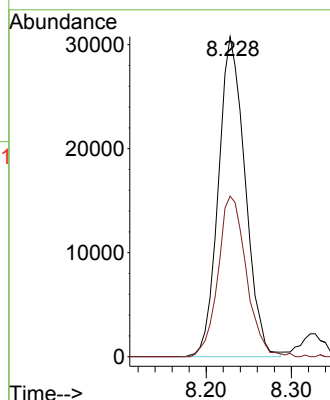
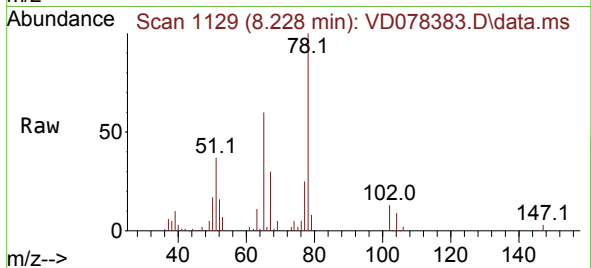
VSTDCCC050

Tgt Ion: 65 Resp: 66964

Ion Ratio Lower Upper

65 100

67 53.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078383.D

Acq: 09 Feb 2024 11:55

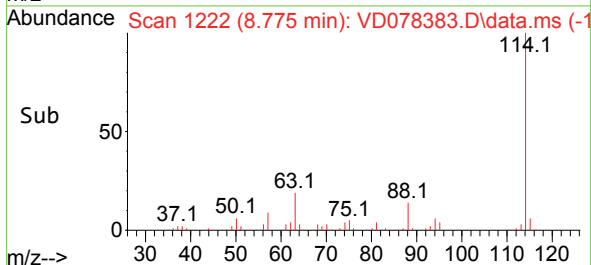
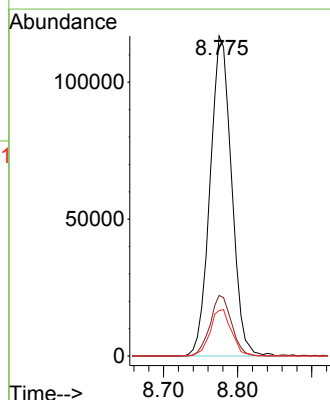
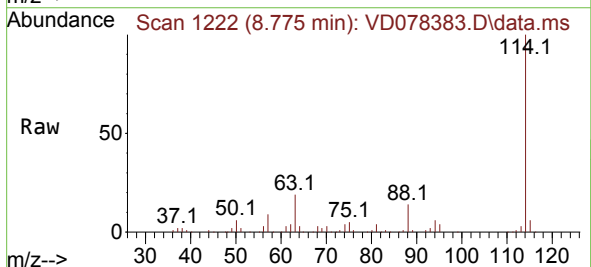
Tgt Ion: 114 Resp: 235457

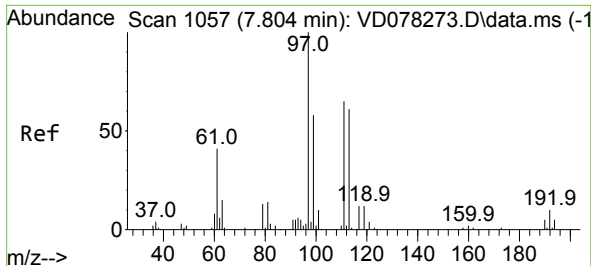
Ion Ratio Lower Upper

114 100

63 18.9 0.0 33.4

88 14.2 0.0 26.2

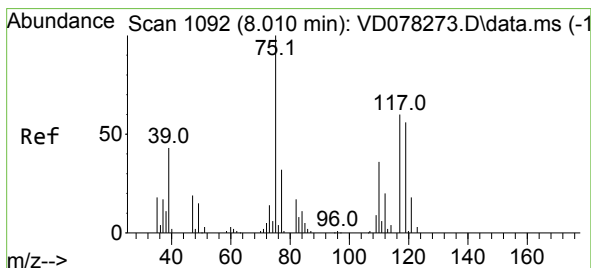
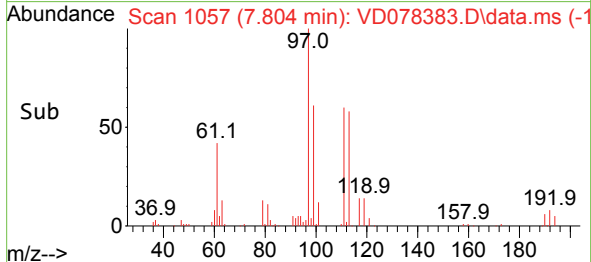
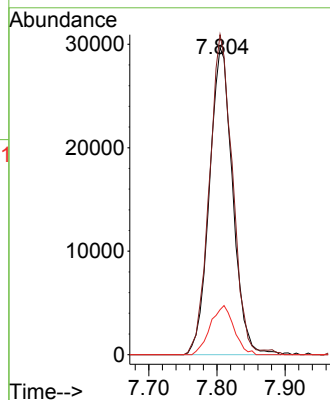
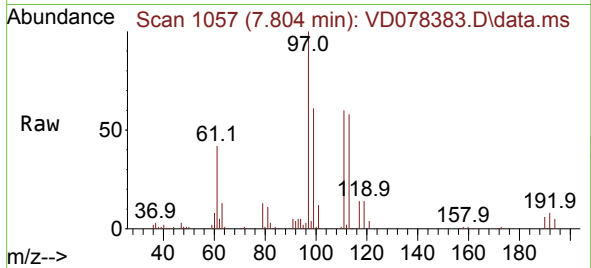




#35
Dibromofluoromethane
Concen: 41.998 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

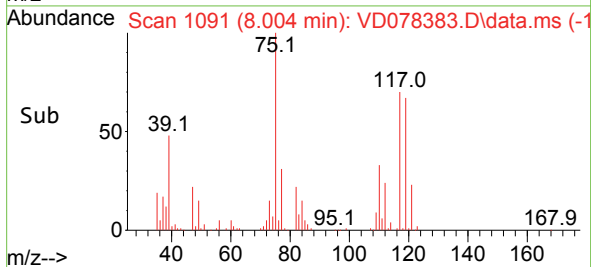
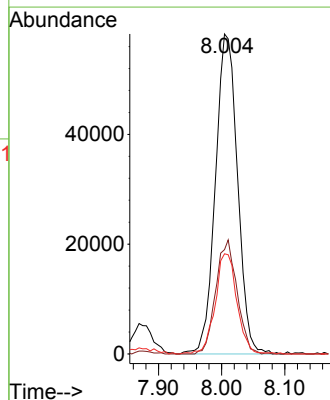
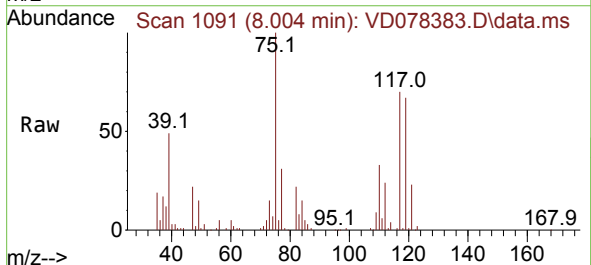
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

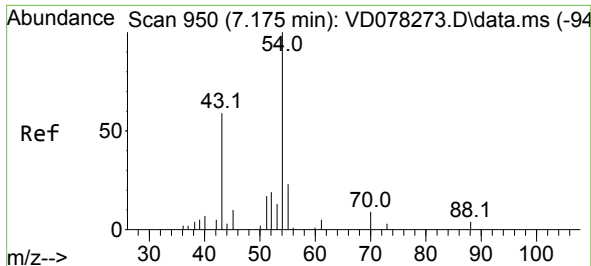
Tgt Ion:113 Resp: 70400
Ion Ratio Lower Upper
113 100
111 104.4 84.7 127.1
192 16.3 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 50.988 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion: 75 Resp: 141731
Ion Ratio Lower Upper
75 100
110 34.3 19.9 59.6
77 31.0 24.7 37.1

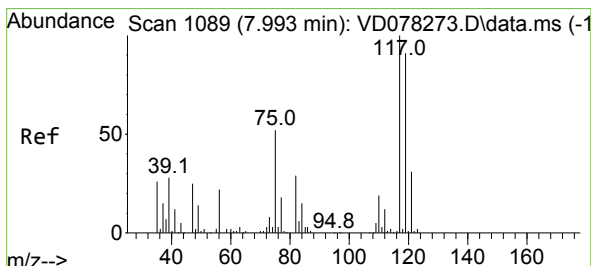
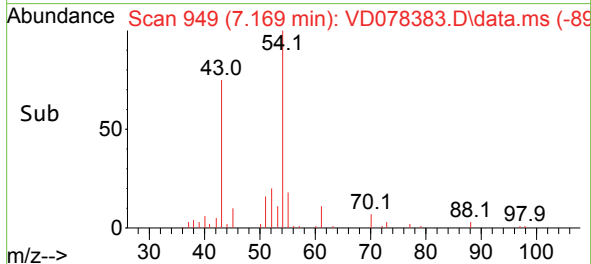
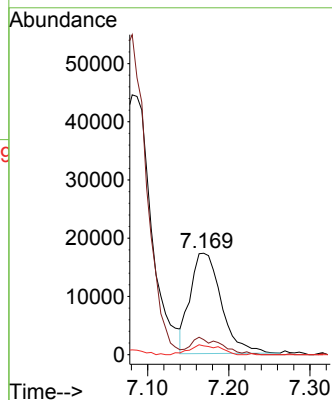
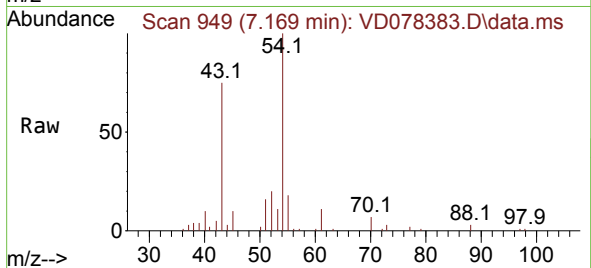




#37
Ethyl Acetate
Concen: 42.841 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

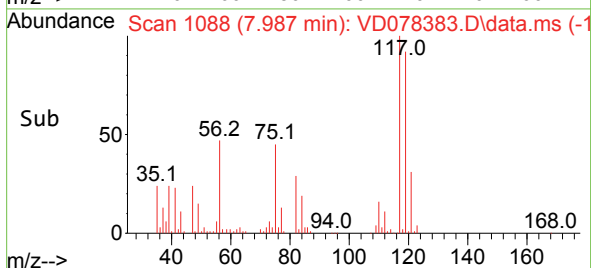
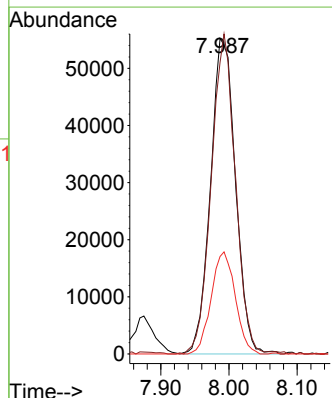
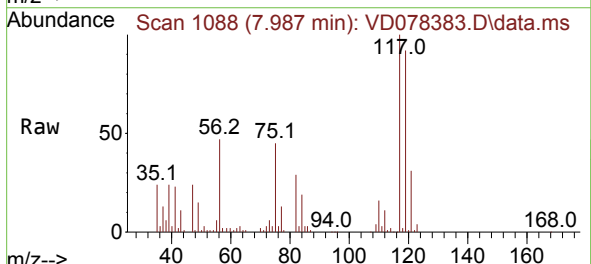
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

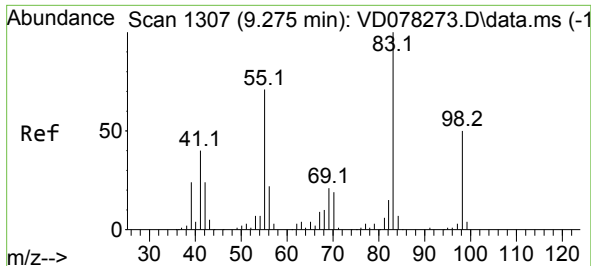
Tgt Ion: 43 Resp: 45834
Ion Ratio Lower Upper
43 100
61 17.0 14.9 22.3
70 9.5 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 51.646 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion: 117 Resp: 141158
Ion Ratio Lower Upper
117 100
119 92.1 78.0 117.0
121 30.9 24.2 36.2

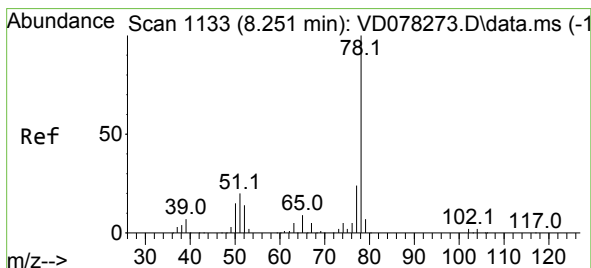
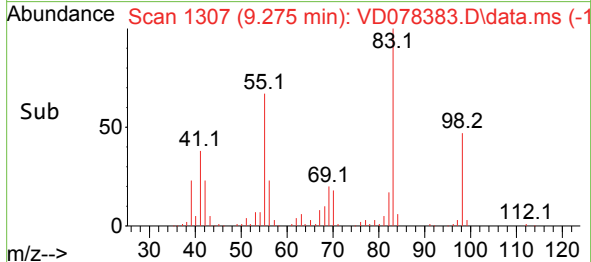
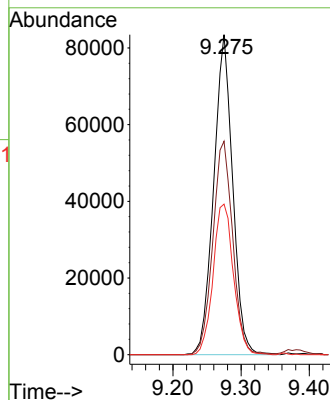
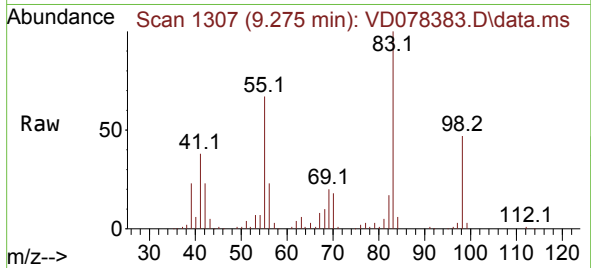




#39
Methylcyclohexane
Concen: 49.184 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

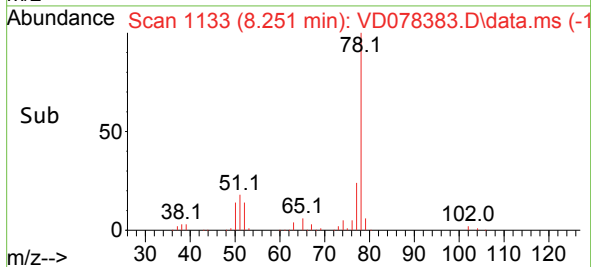
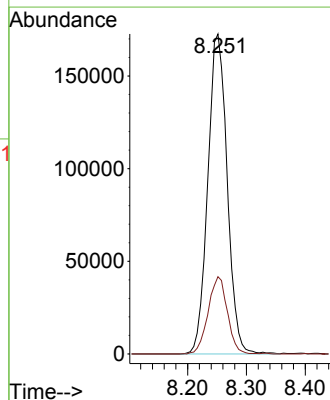
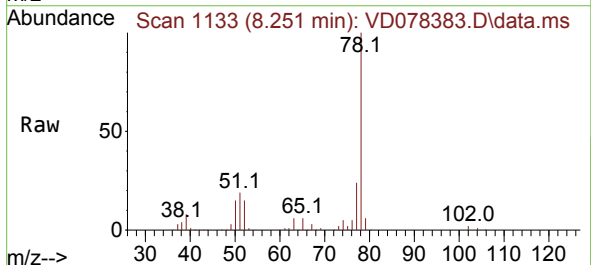
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

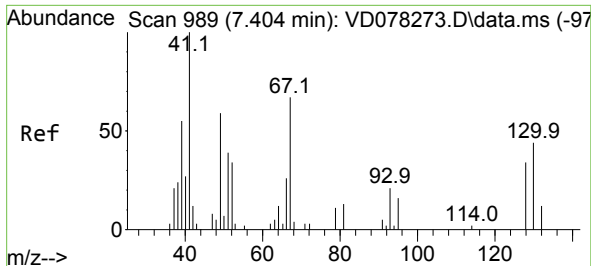
Tgt Ion: 83 Resp: 161643
Ion Ratio Lower Upper
83 100
55 66.7 49.4 74.0
98 47.1 38.4 57.6



#40
Benzene
Concen: 48.658 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion: 78 Resp: 394645
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0

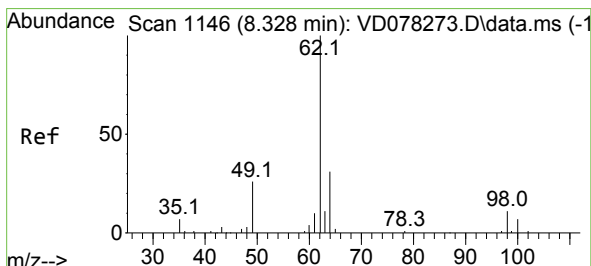
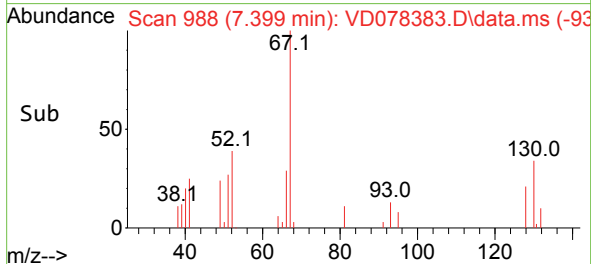
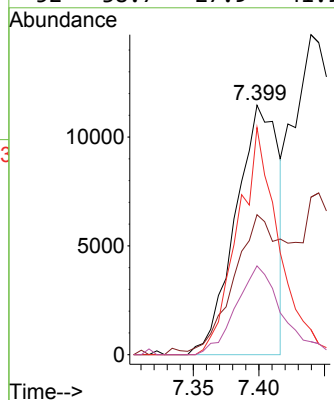
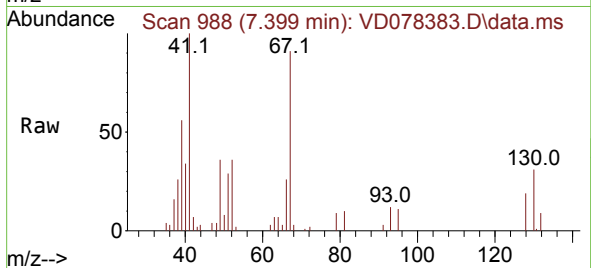




#41
Methacrylonitrile
Concen: 45.252 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

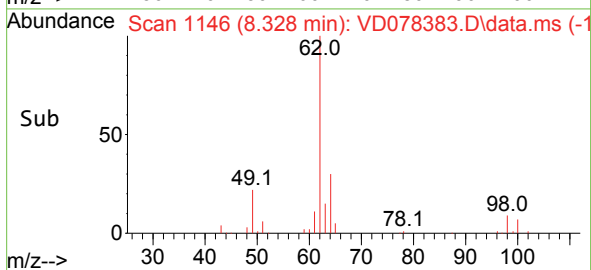
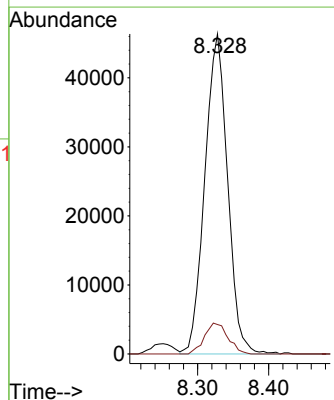
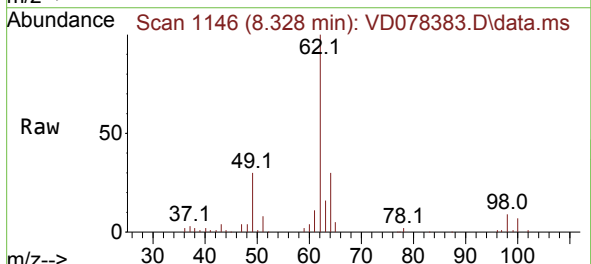
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

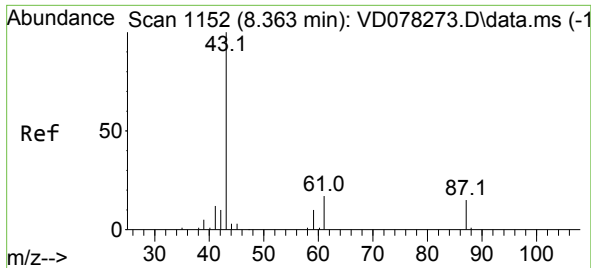
Tgt Ion:	41	Resp:	26028
Ion	Ratio	Lower	Upper
41	100		
39	65.3	34.0	51.0#
67	87.8	77.0	115.4
52	38.7	27.9	41.9



#42
1,2-Dichloroethane
Concen: 49.085 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion:	62	Resp:	103255
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	25.4

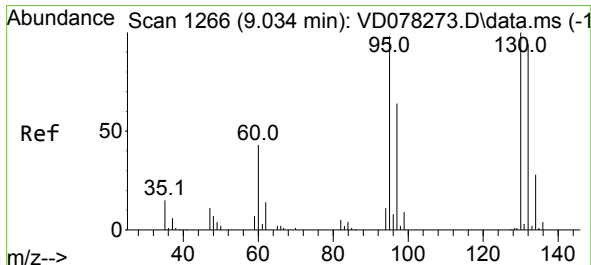
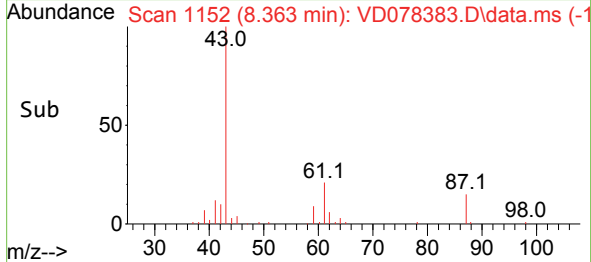
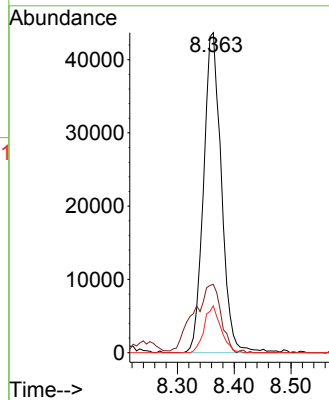
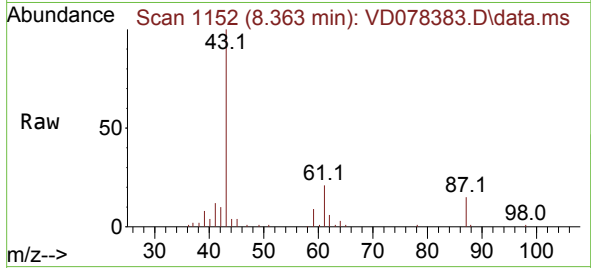




#43
Isopropyl Acetate
Concen: 49.443 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

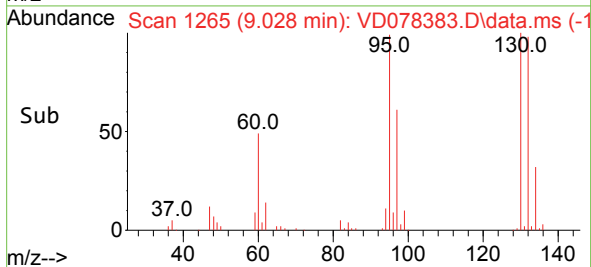
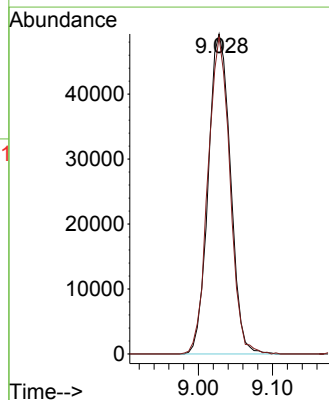
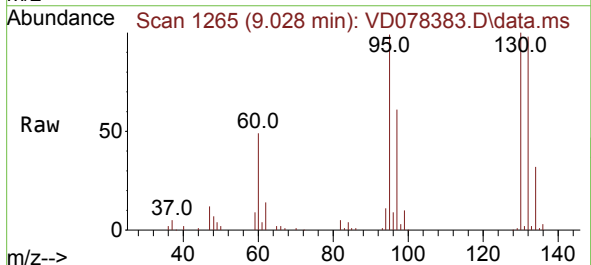
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

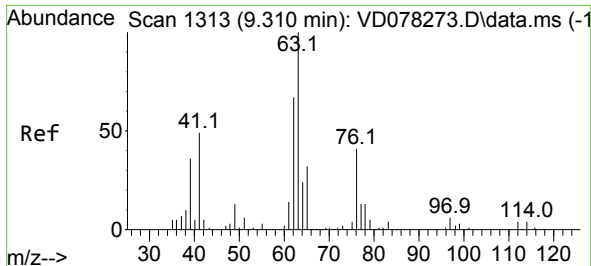
Tgt Ion: 43 Resp: 94843
Ion Ratio Lower Upper
43 100
61 32.8 31.4 47.0
87 13.7 14.9 22.3#



#44
Trichloroethene
Concen: 51.532 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion:130 Resp: 102630
Ion Ratio Lower Upper
130 100
95 99.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 48.477 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.006 min

Lab File: VD078383.D

Acq: 09 Feb 2024 11:55

Instrument :

MSVOA_D

ClientSampleId :

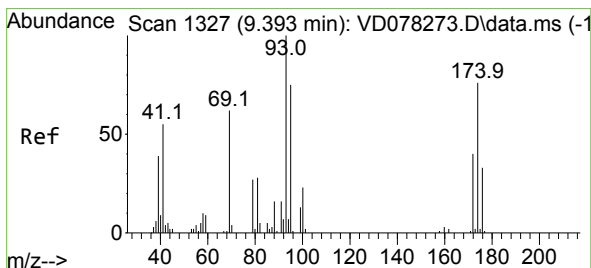
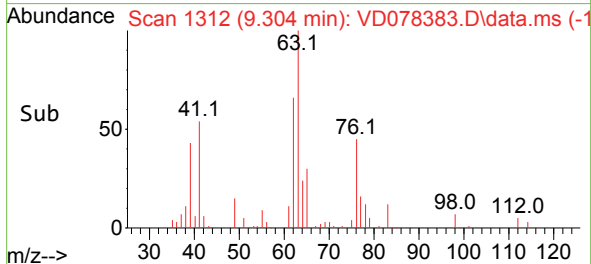
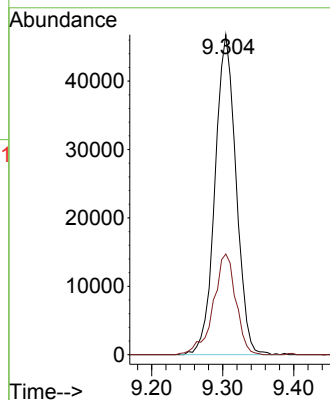
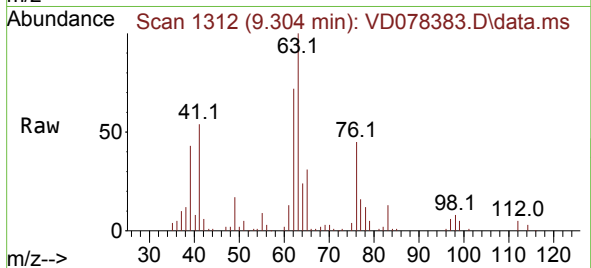
VSTDCCC050

Tgt Ion: 63 Resp: 96133

Ion Ratio Lower Upper

63 100

65 31.5 24.5 36.7



#46

Dibromomethane

Concen: 47.026 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD078383.D

Acq: 09 Feb 2024 11:55

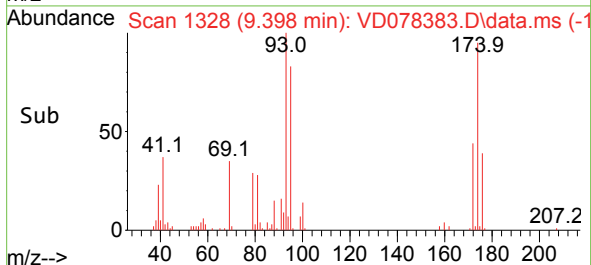
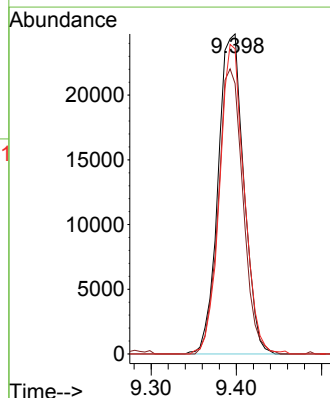
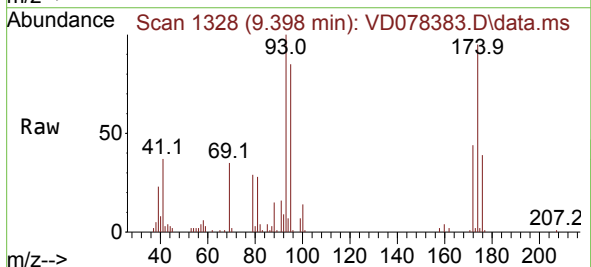
Tgt Ion: 93 Resp: 51741

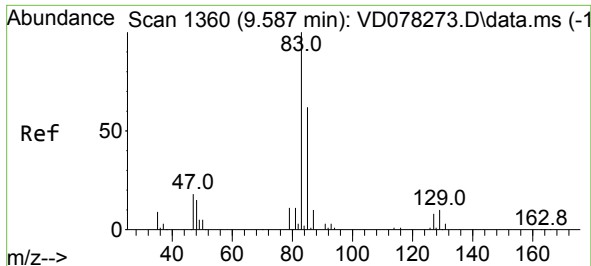
Ion Ratio Lower Upper

93 100

95 85.9 67.7 101.5

174 92.6 85.4 128.2

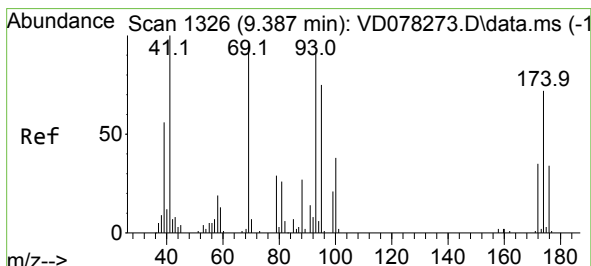
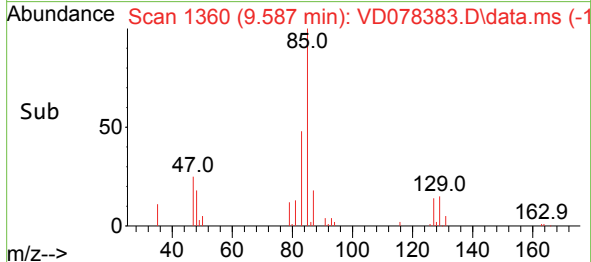
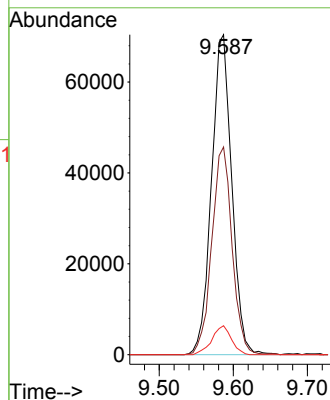
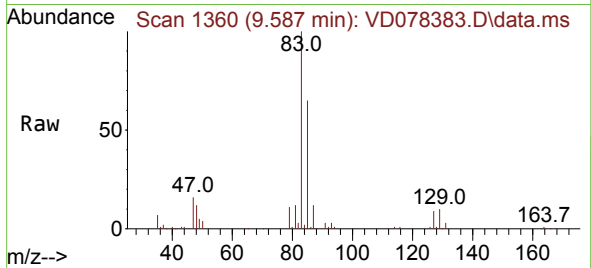




#47
Bromodichloromethane
Concen: 49.337 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

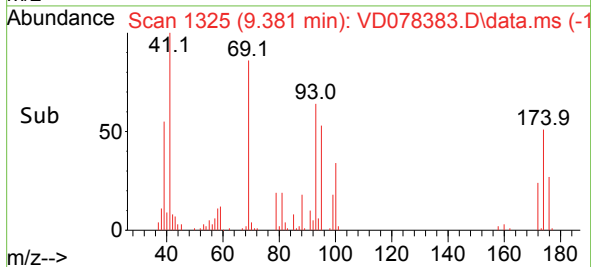
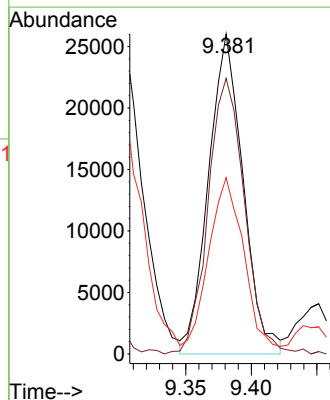
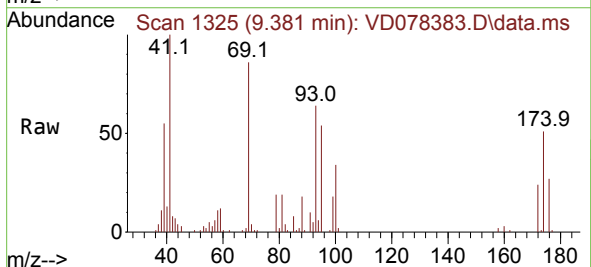
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

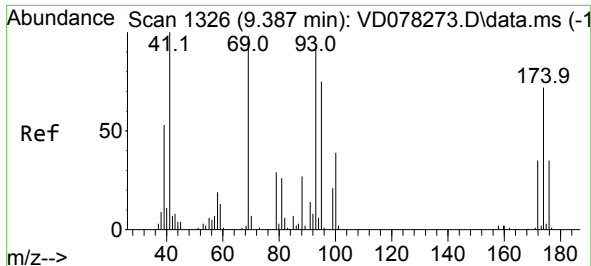
Tgt Ion: 83 Resp: 133555
Ion Ratio Lower Upper
83 100
85 64.9 50.2 75.4
127 9.0 6.3 9.5



#48
Methyl methacrylate
Concen: 51.975 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.006 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion: 41 Resp: 47642
Ion Ratio Lower Upper
41 100
69 91.1 102.2 153.2#
39 52.7 41.4 62.2





#49

1,4-Dioxane

Concen: 942.204 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD078383.D

Acq: 09 Feb 2024 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

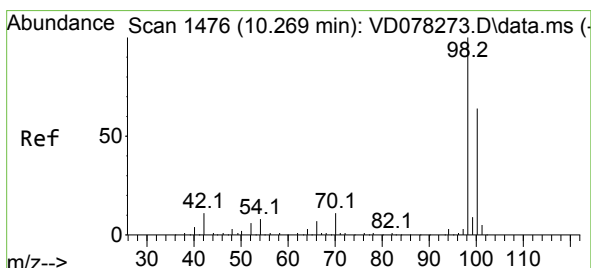
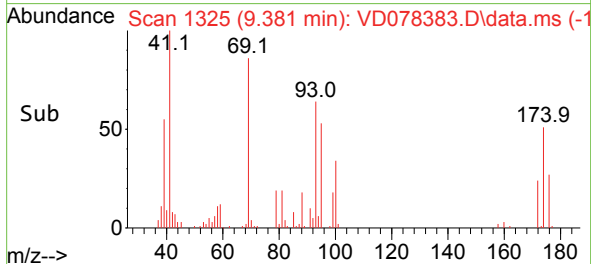
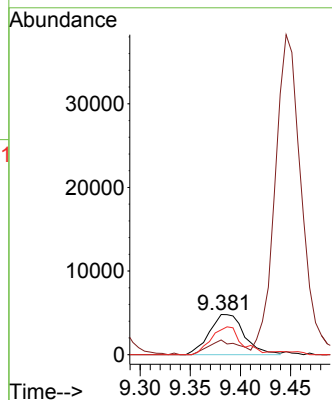
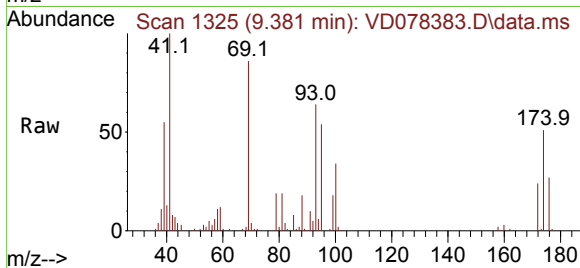
Tgt Ion: 88 Resp: 11629

Ion Ratio Lower Upper

88 100

43 31.8 19.0 28.6#

58 60.5 43.5 65.3



#50

Toluene-d8

Concen: 41.464 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078383.D

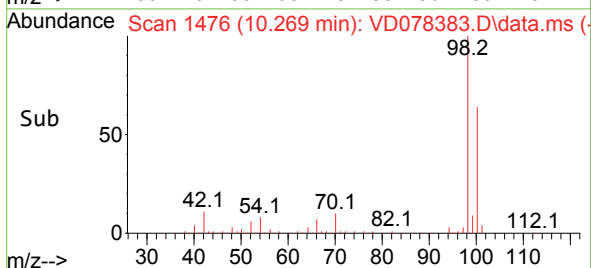
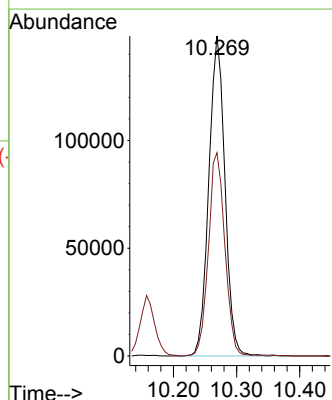
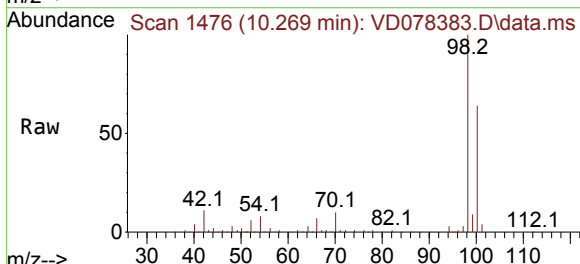
Acq: 09 Feb 2024 11:55

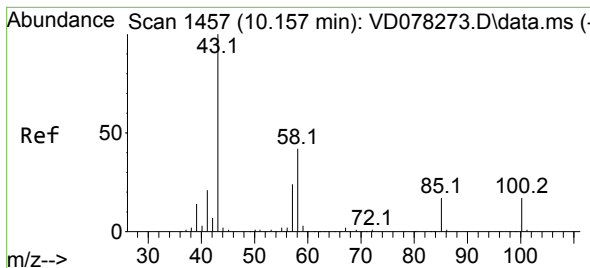
Tgt Ion: 98 Resp: 263148

Ion Ratio Lower Upper

98 100

100 64.8 50.3 75.5

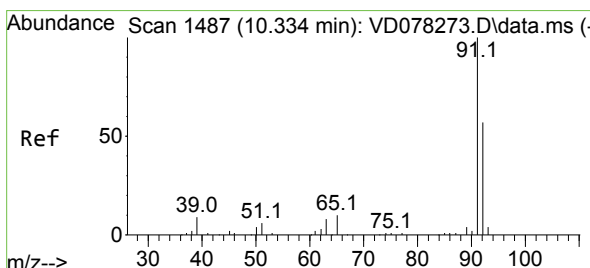
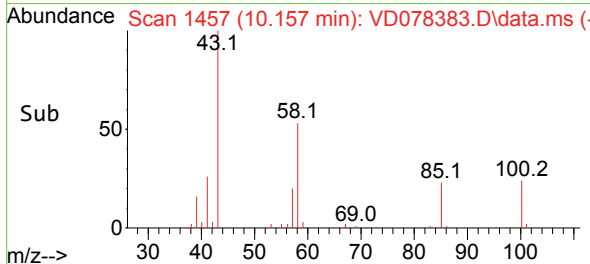
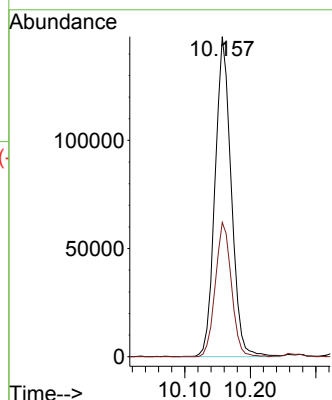
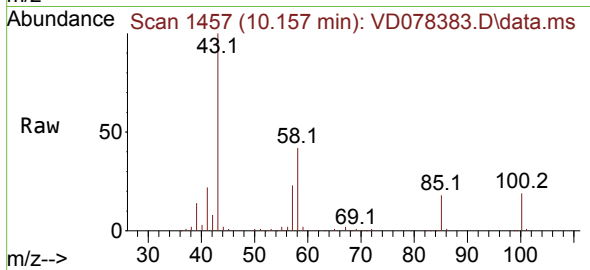




#51
4-Methyl-2-Pentanone
Concen: 244.060 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

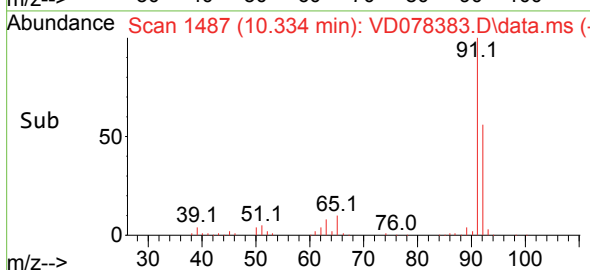
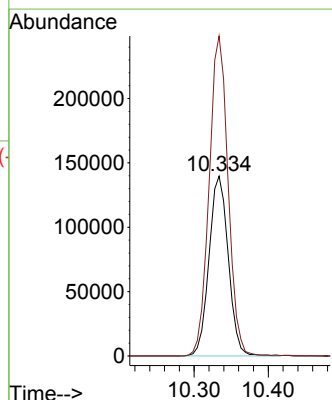
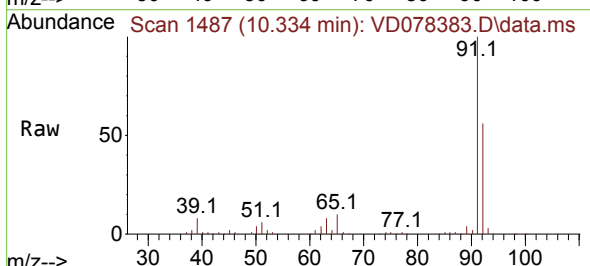
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

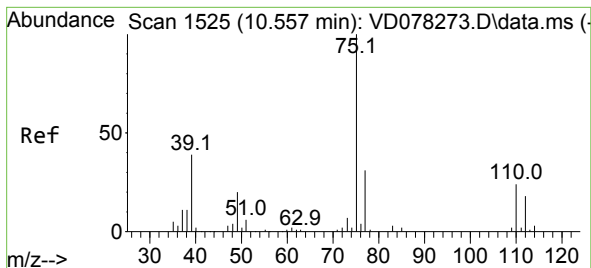
Tgt Ion: 43 Resp: 253259
Ion Ratio Lower Upper
43 100
58 41.5 38.9 58.3



#52
Toluene
Concen: 51.247 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion: 92 Resp: 252114
Ion Ratio Lower Upper
92 100
91 175.5 143.0 214.4

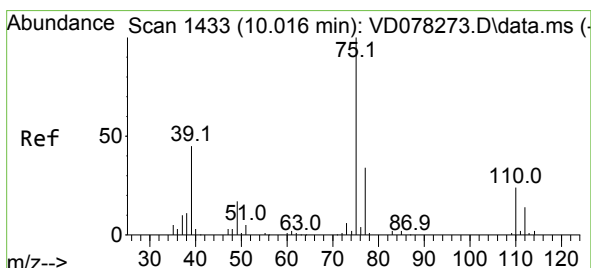
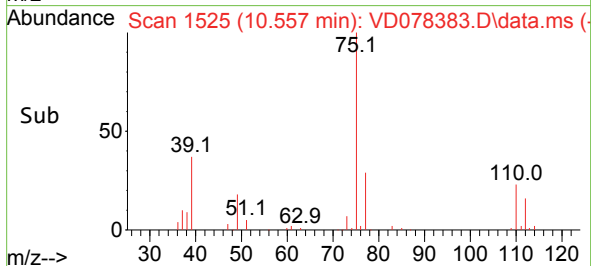
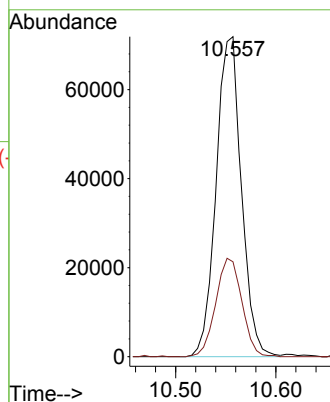
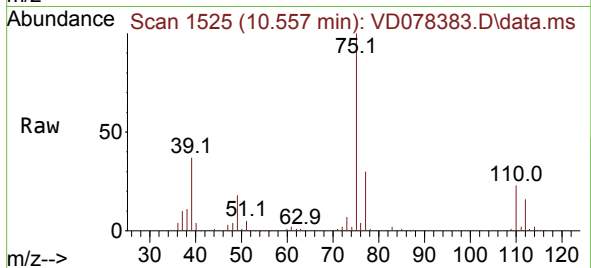




#53
 t-1,3-Dichloropropene
 Concen: 49.734 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD078383.D
 Acq: 09 Feb 2024 11:55

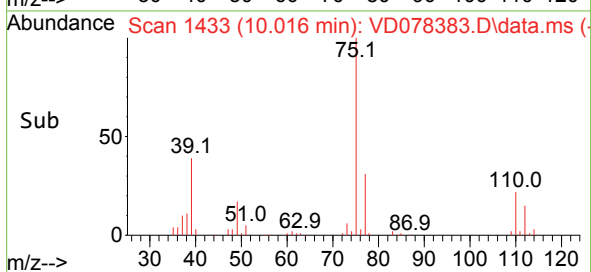
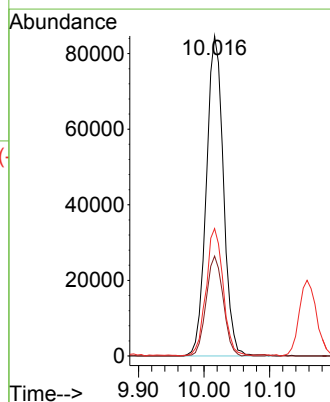
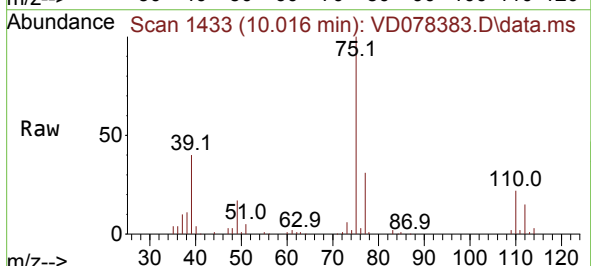
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

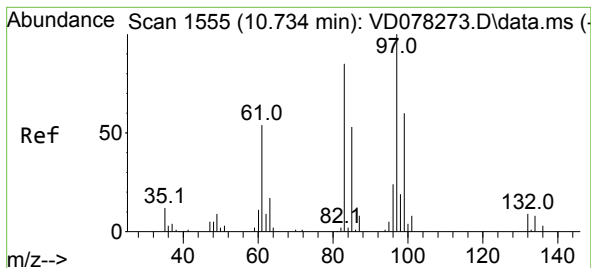
Tgt Ion: 75 Resp: 125753
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 51.178 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078383.D
 Acq: 09 Feb 2024 11:55

Tgt Ion: 75 Resp: 153198
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.5 38.3
 39 39.8 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 50.438 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078383.D

Acq: 09 Feb 2024 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 72419

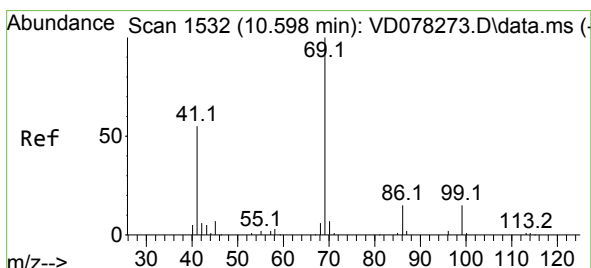
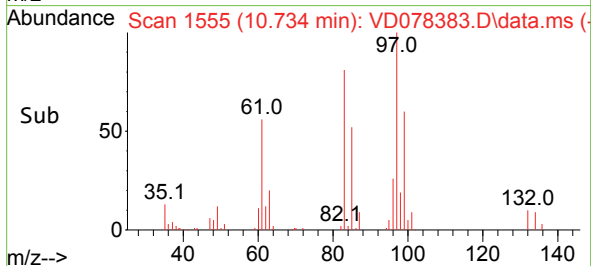
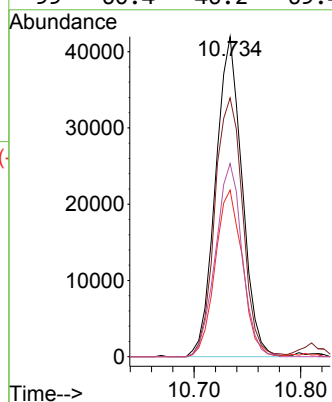
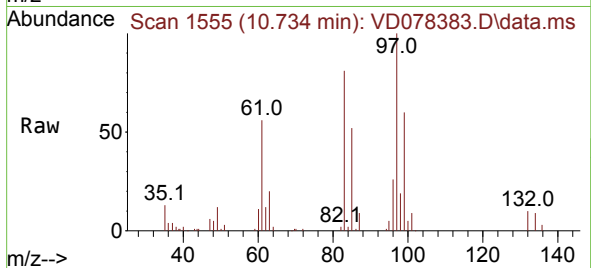
Ion Ratio Lower Upper

97 100

83 80.9 65.8 98.6

85 52.0 45.7 68.5

99 60.4 46.2 69.4



#56

Ethyl methacrylate

Concen: 50.782 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078383.D

Acq: 09 Feb 2024 11:55

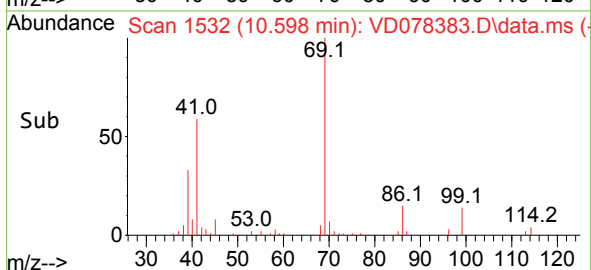
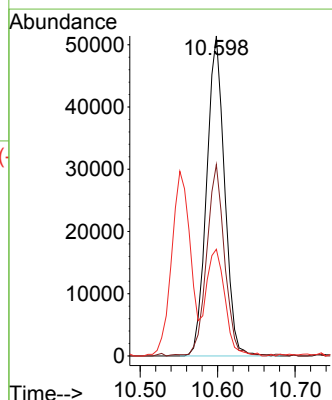
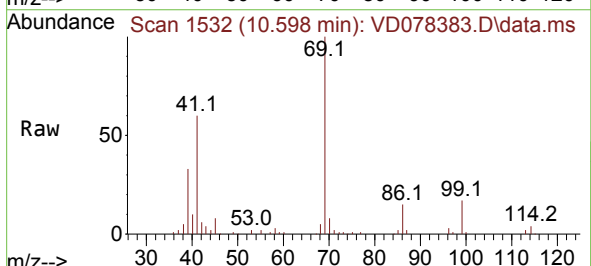
Tgt Ion: 69 Resp: 82702

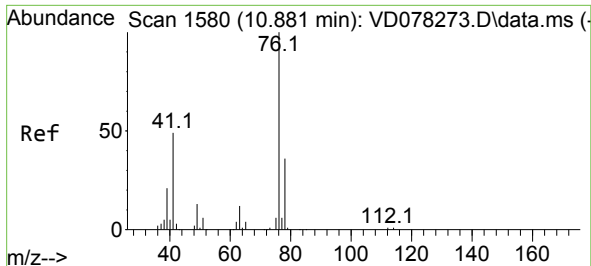
Ion Ratio Lower Upper

69 100

41 59.8 39.1 58.7#

39 35.2 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 49.480 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD078383.D

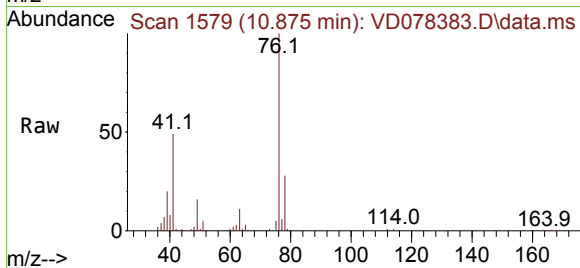
Acq: 09 Feb 2024 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

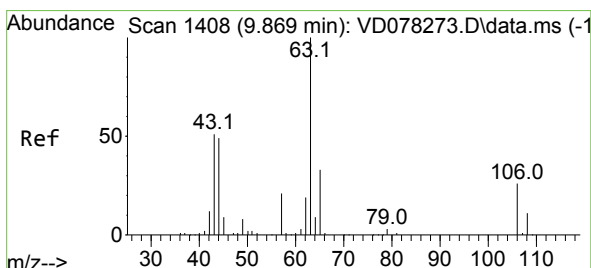
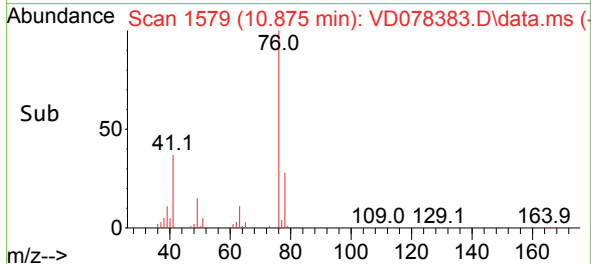
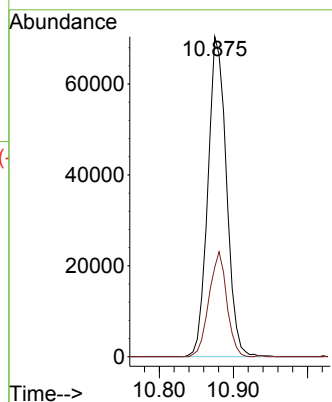


Tgt Ion: 76 Resp: 122498

Ion Ratio Lower Upper

76 100

78 31.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 222.153 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078383.D

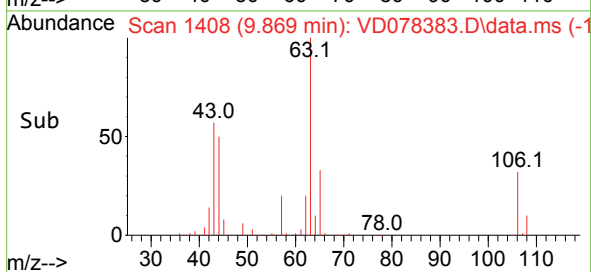
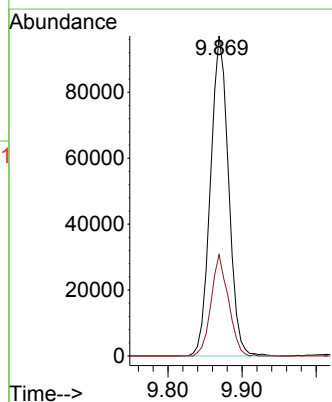
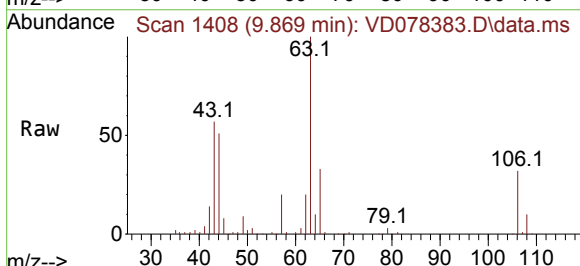
Acq: 09 Feb 2024 11:55

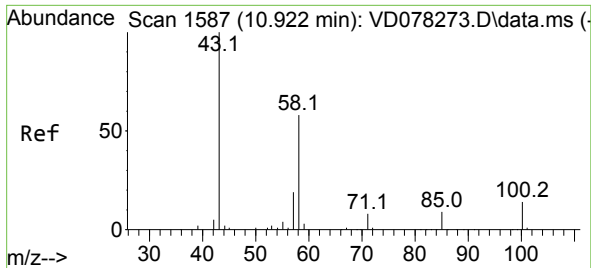
Tgt Ion: 63 Resp: 164527

Ion Ratio Lower Upper

63 100

106 30.4 25.3 37.9

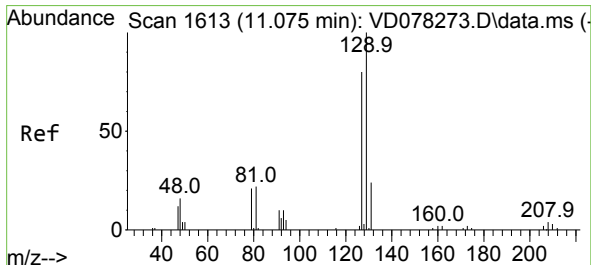
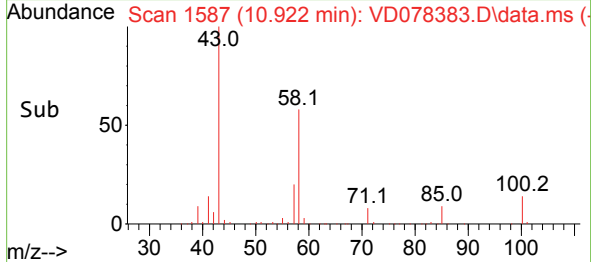
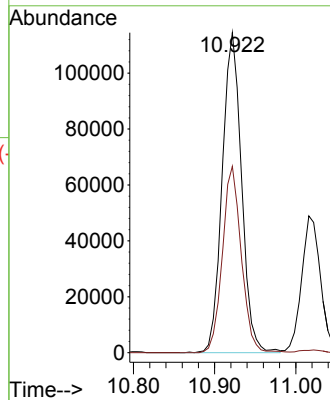
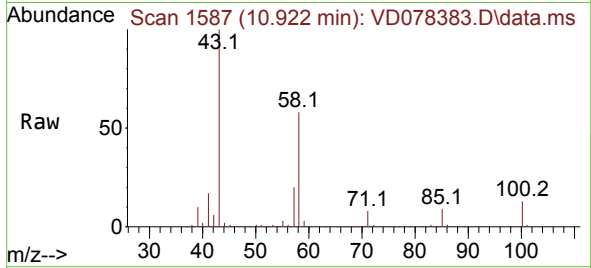




#59
2-Hexanone
Concen: 242.598 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

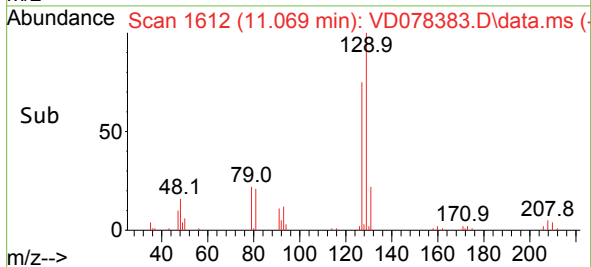
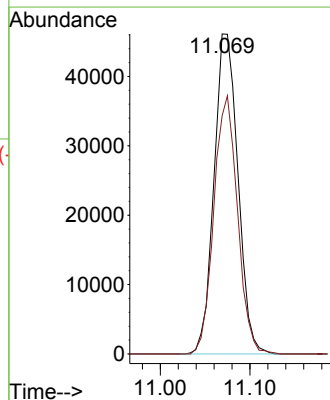
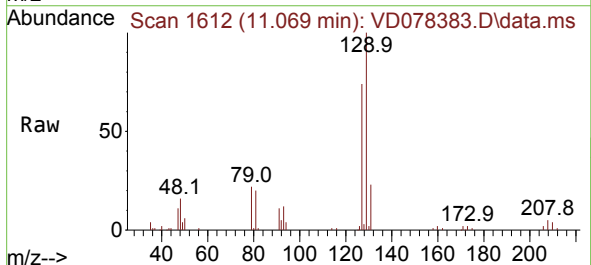
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

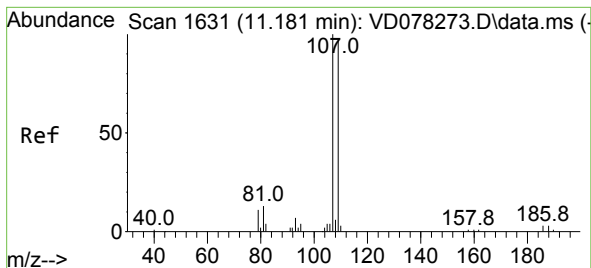
Tgt Ion: 43 Resp: 189595
Ion Ratio Lower Upper
43 100
58 56.9 34.1 102.2



#60
Dibromochloromethane
Concen: 51.286 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion: 129 Resp: 85480
Ion Ratio Lower Upper
129 100
127 79.7 37.1 111.5





#61

1,2-Dibromoethane

Concen: 49.500 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078383.D

Acq: 09 Feb 2024 11:55

Instrument :

MSVOA_D

ClientSampleId :

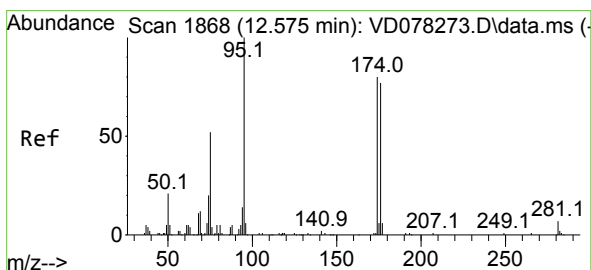
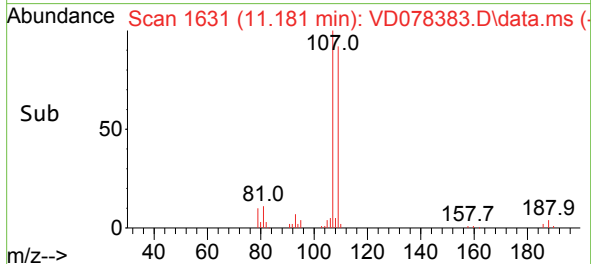
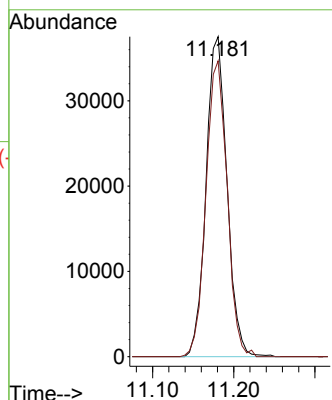
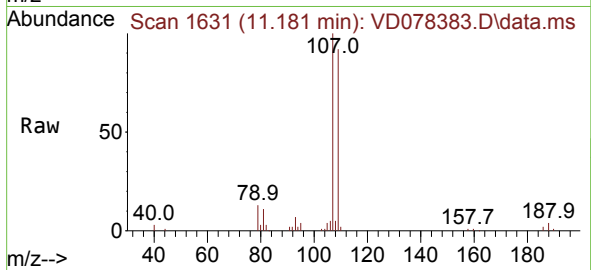
VSTDCCC050

Tgt Ion:107 Resp: 67102

Ion Ratio Lower Upper

107 100

109 93.5 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 42.877 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VD078383.D

Acq: 09 Feb 2024 11:55

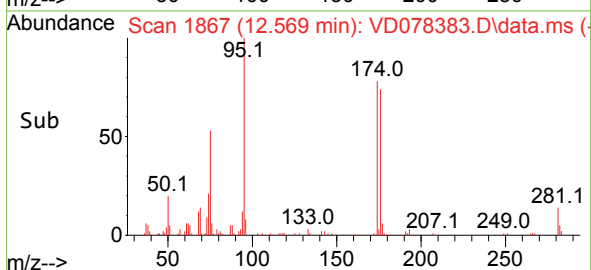
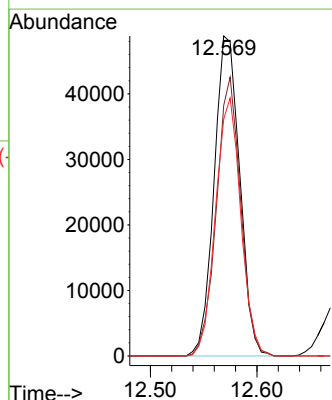
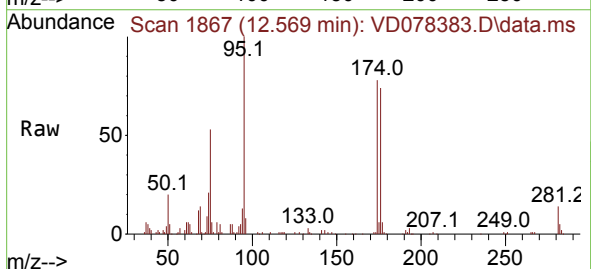
Tgt Ion: 95 Resp: 81491

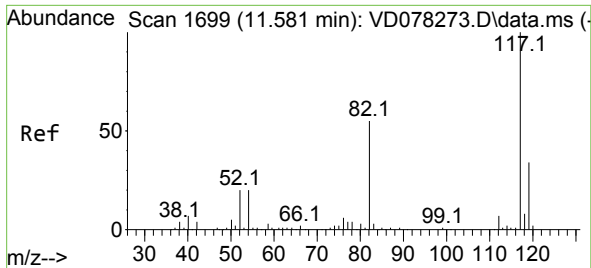
Ion Ratio Lower Upper

95 100

174 82.1 0.0 201.8

176 79.4 0.0 191.8

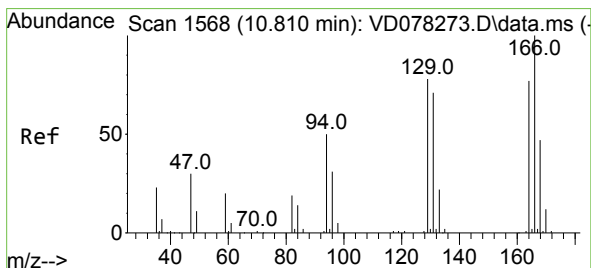
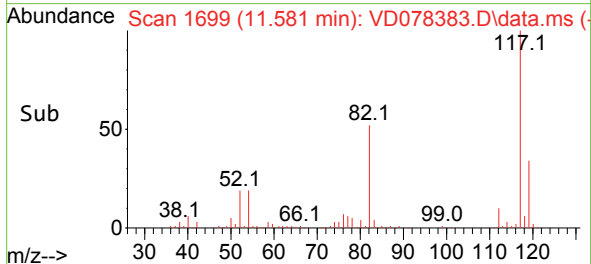
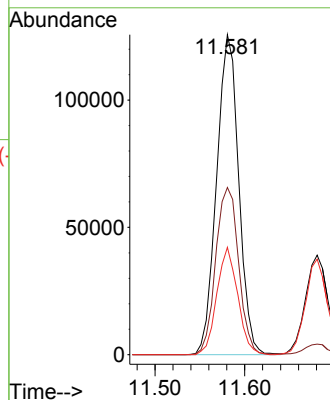
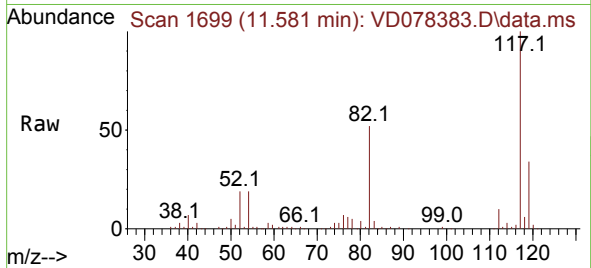




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

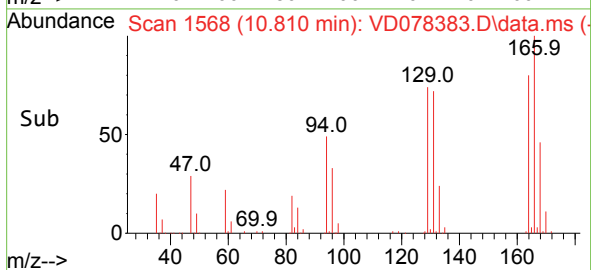
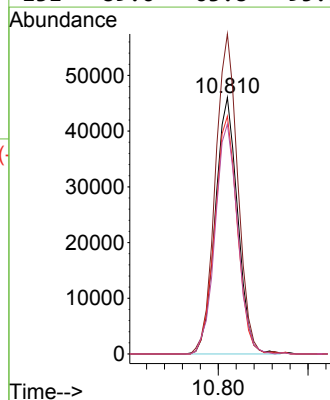
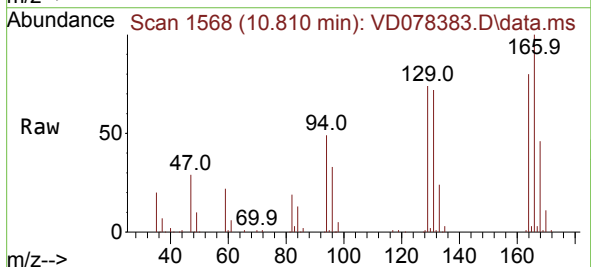
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

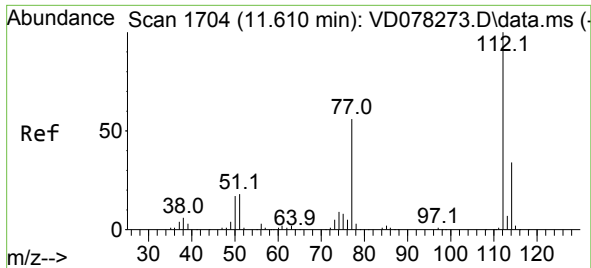
Tgt Ion:117 Resp: 215218
Ion Ratio Lower Upper
117 100
82 52.3 38.3 57.5
119 33.5 25.0 37.4



#64
Tetrachloroethene
Concen: 53.062 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion:164 Resp: 79650
Ion Ratio Lower Upper
164 100
166 124.8 99.2 148.8
129 92.8 68.4 102.6
131 89.6 63.8 95.8

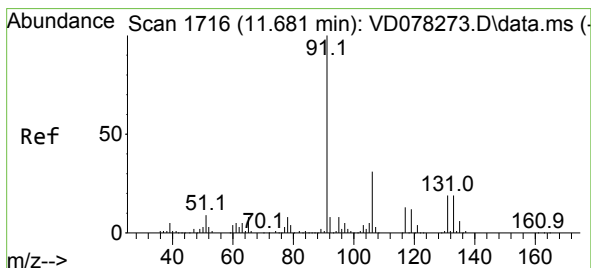
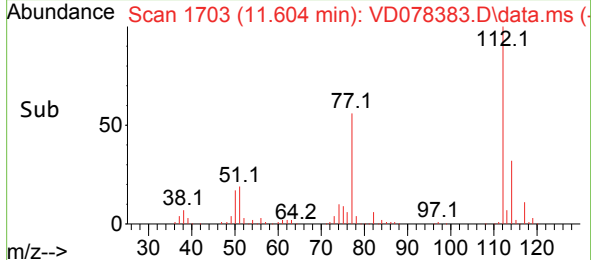
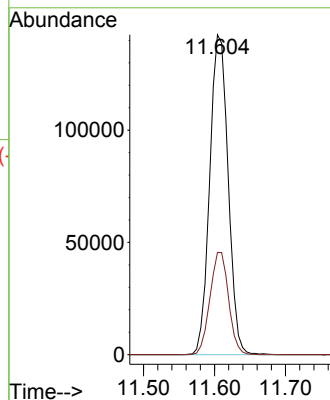
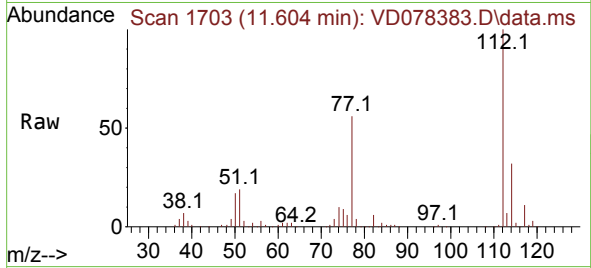




#65
Chlorobenzene
Concen: 49.811 ug/l
RT: 11.604 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

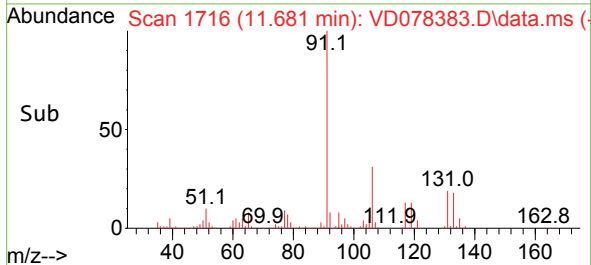
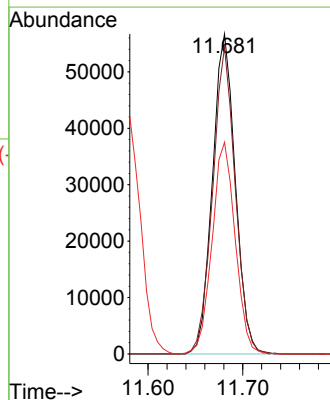
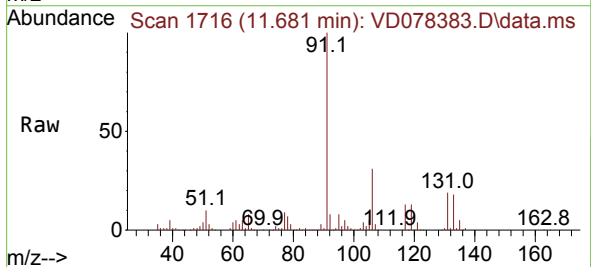
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

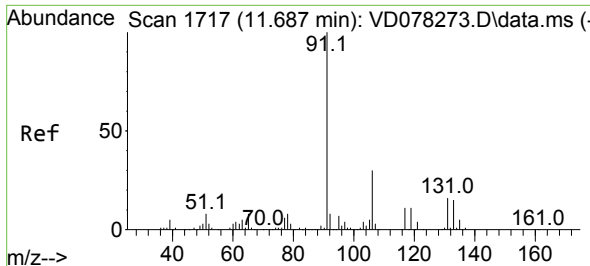
Tgt Ion:112 Resp: 256470
Ion Ratio Lower Upper
112 100
114 31.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 51.742 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion:131 Resp: 94854
Ion Ratio Lower Upper
131 100
133 95.2 48.5 145.5
119 67.0 35.6 106.9

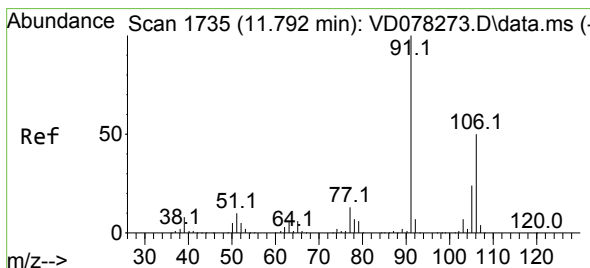
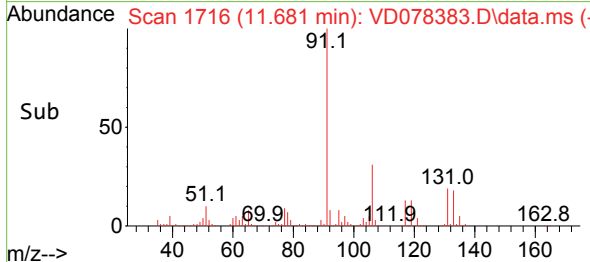
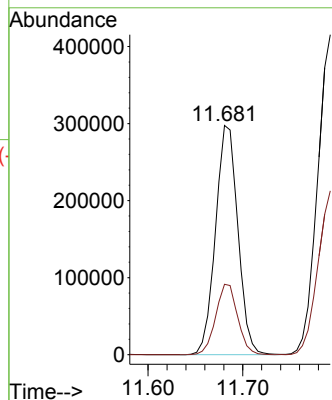
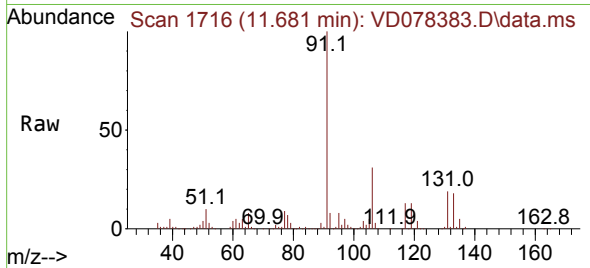




#67
Ethyl Benzene
Concen: 52.394 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

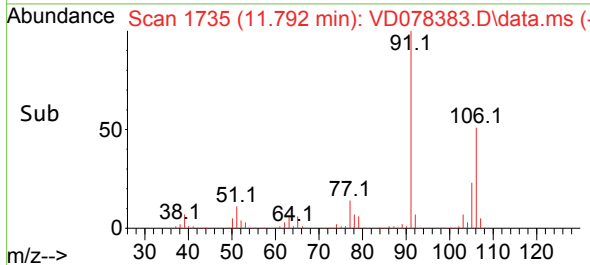
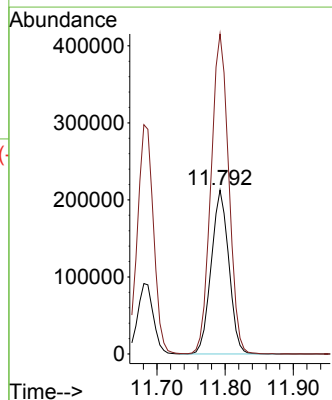
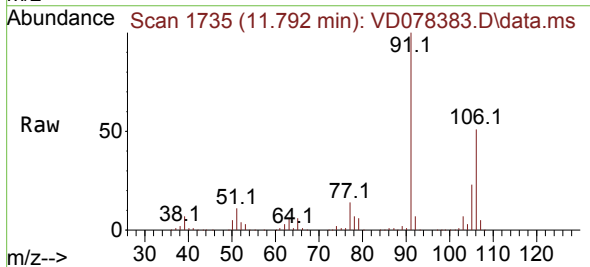
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

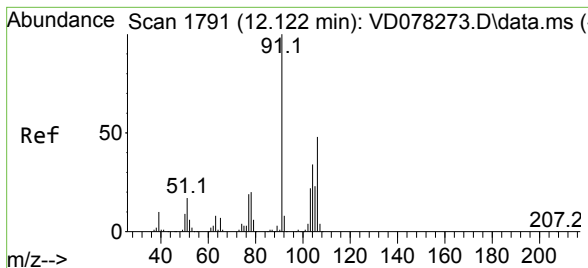
Tgt Ion: 91 Resp: 488670
Ion Ratio Lower Upper
91 100
106 30.7 26.5 39.7



#68
m/p-Xylenes
Concen: 106.329 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion:106 Resp: 381533
Ion Ratio Lower Upper
106 100
91 197.8 147.0 220.6

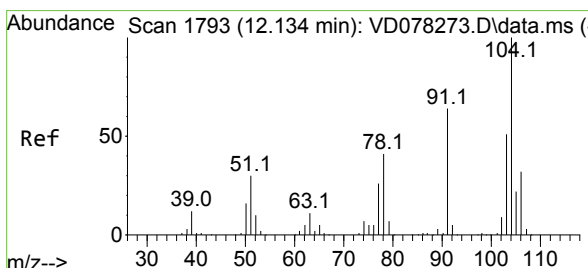
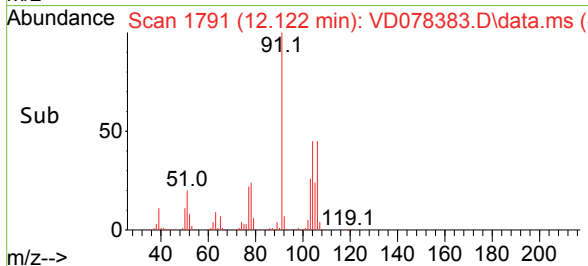
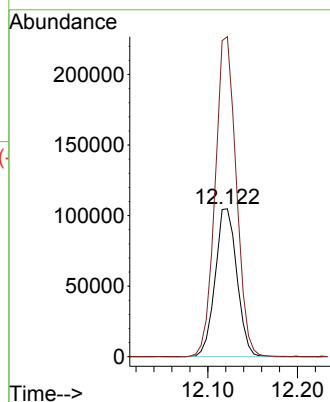
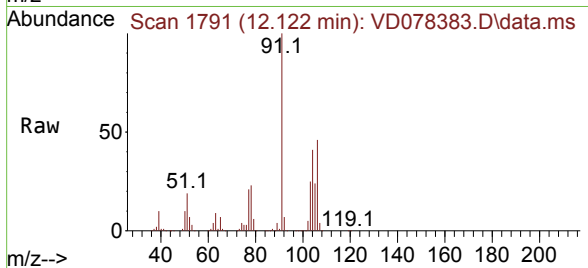




#69
o-Xylene
Concen: 53.436 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

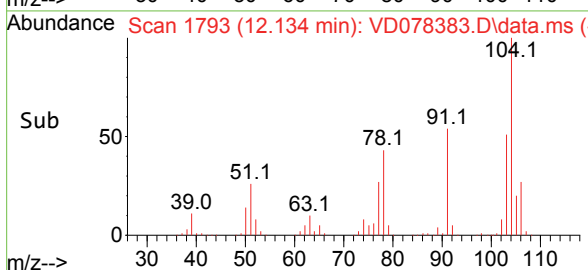
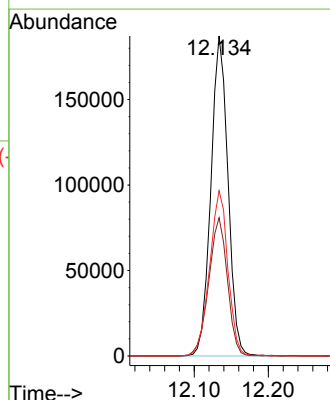
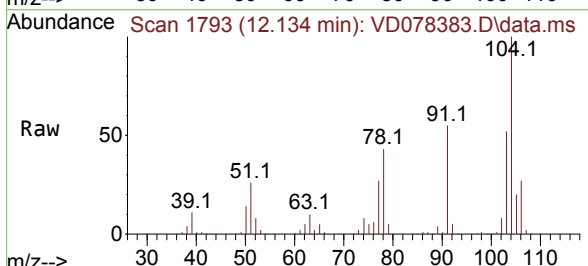
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

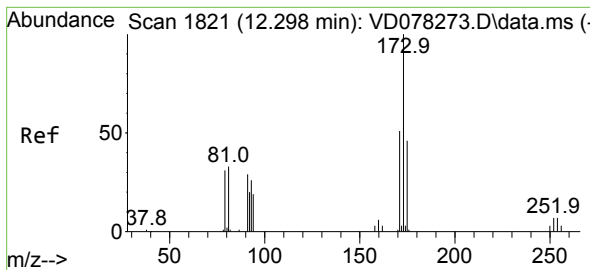
Tgt Ion:106 Resp: 176211
Ion Ratio Lower Upper
106 100
91 210.6 97.9 293.6



#70
Styrene
Concen: 53.176 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion:104 Resp: 299461
Ion Ratio Lower Upper
104 100
78 47.0 33.2 49.8
103 55.7 43.6 65.4





#71

Bromoform

Concen: 53.586 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078383.D

Acq: 09 Feb 2024 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

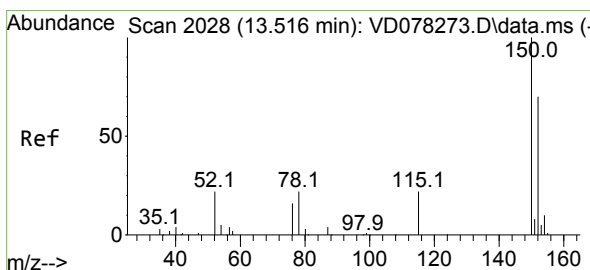
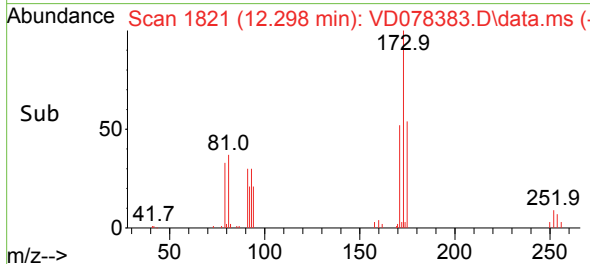
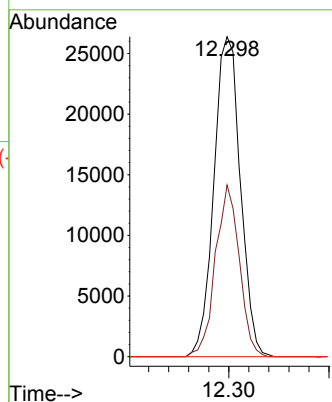
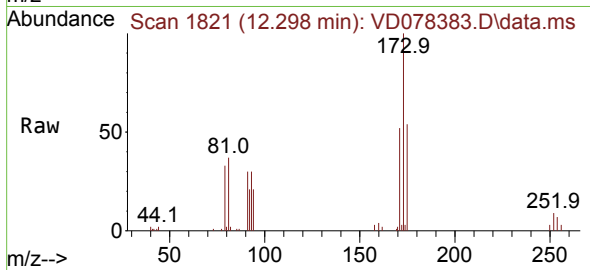
Tgt Ion:173 Resp: 48382

Ion Ratio Lower Upper

173 100

175 48.4 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078383.D

Acq: 09 Feb 2024 11:55

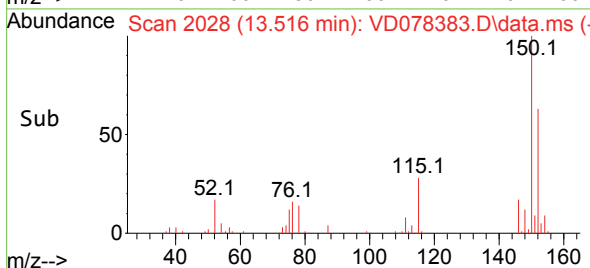
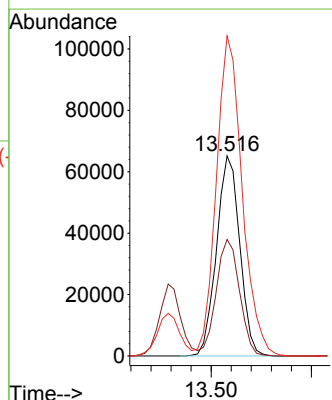
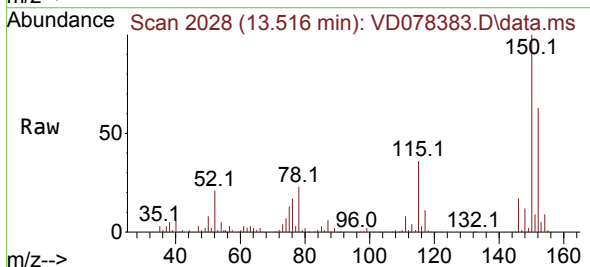
Tgt Ion:152 Resp: 104655

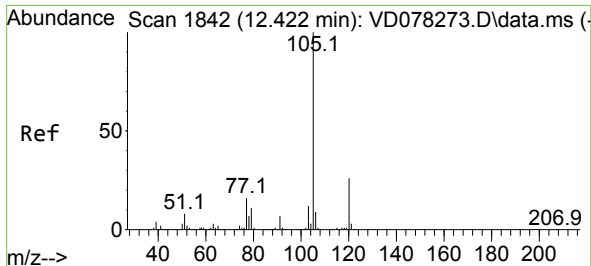
Ion Ratio Lower Upper

152 100

115 58.6 27.1 81.3

150 178.3 0.0 353.6

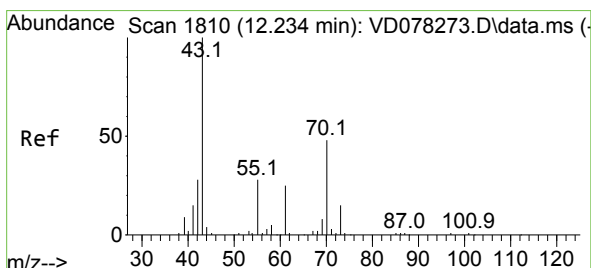
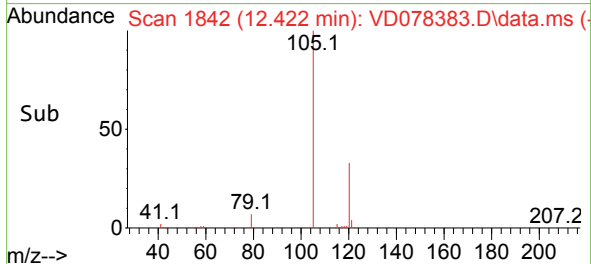
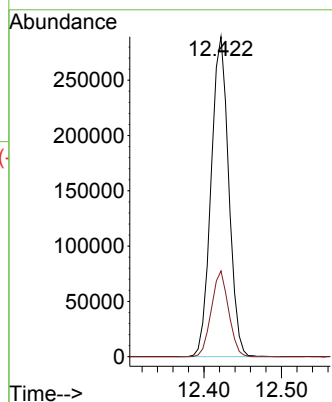
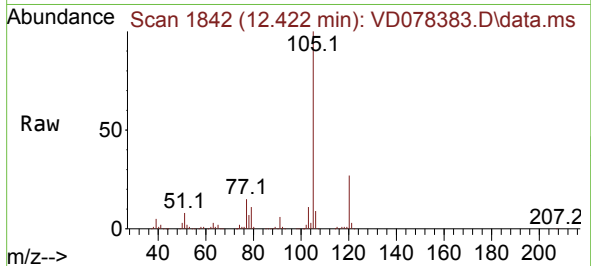




#73
Isopropylbenzene
Concen: 51.589 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

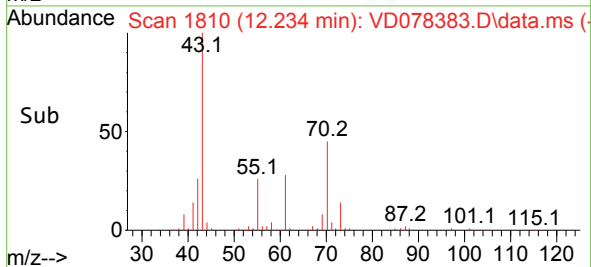
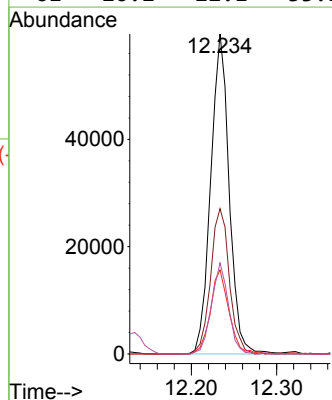
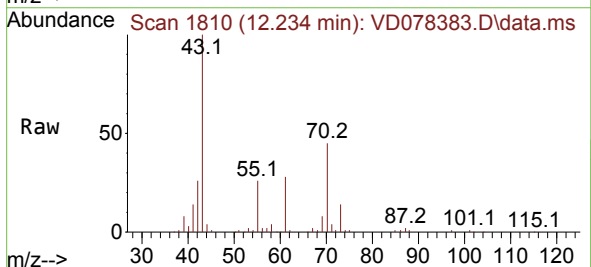
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

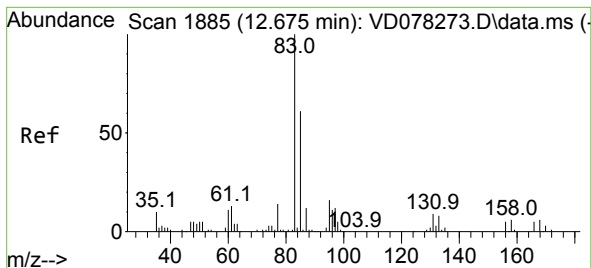
Tgt Ion:105 Resp: 456802
Ion Ratio Lower Upper
105 100
120 26.2 14.3 42.9



#74
N-ethyl acetate
Concen: 48.933 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion: 43 Resp: 89612
Ion Ratio Lower Upper
43 100
70 46.4 45.0 67.4
55 26.4 23.8 35.6
61 26.2 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.137 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078383.D

Acq: 09 Feb 2024 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

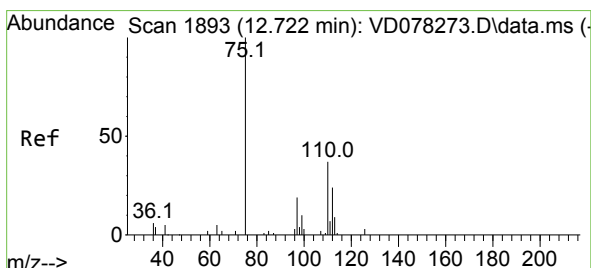
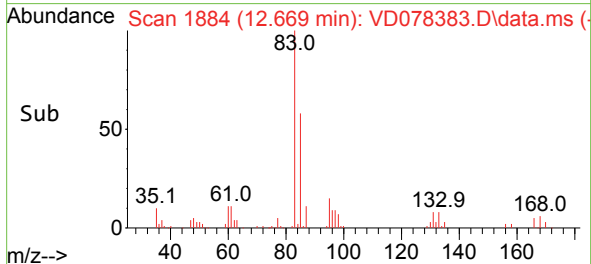
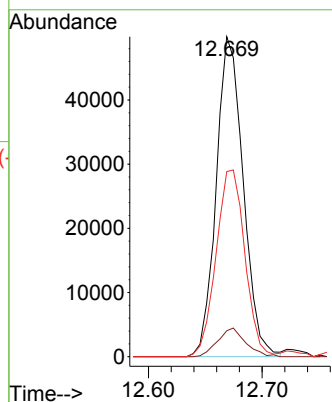
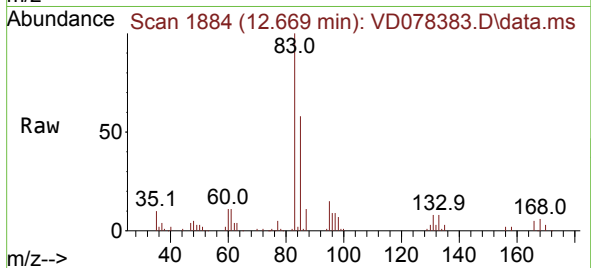
Tgt Ion: 83 Resp: 82313

Ion Ratio Lower Upper

83 100

131 9.3 5.1 15.3

85 62.2 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 89.852 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078383.D

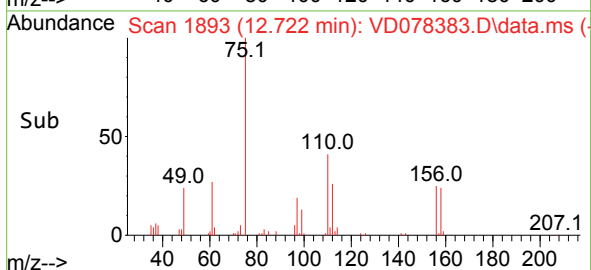
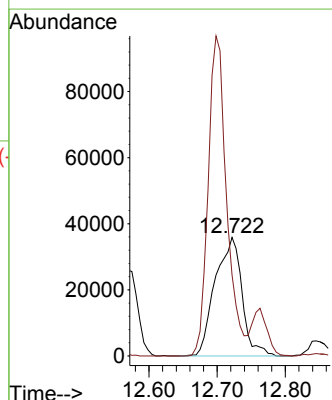
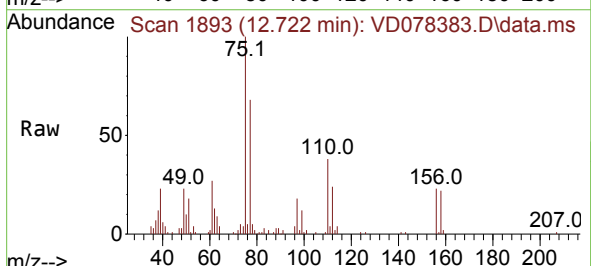
Acq: 09 Feb 2024 11:55

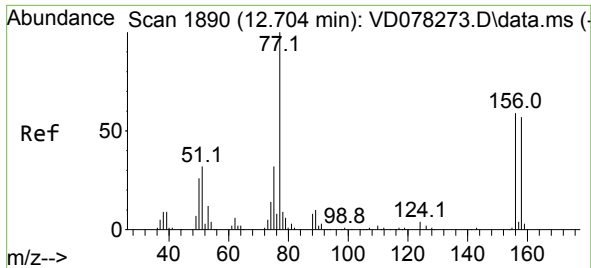
Tgt Ion: 75 Resp: 98284

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

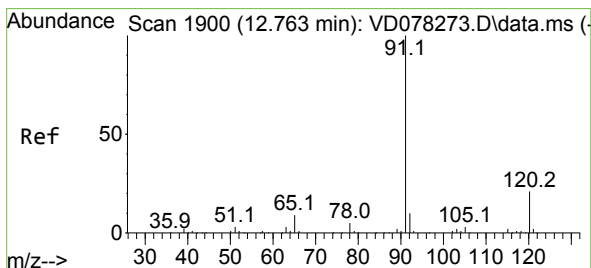
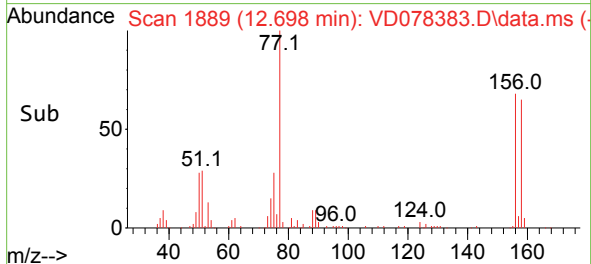
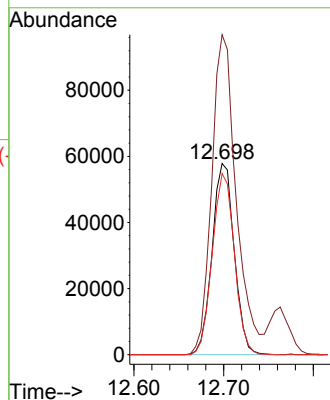
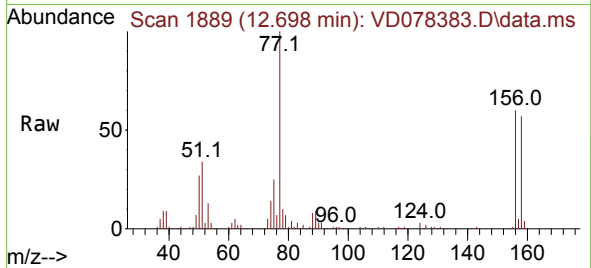




#77
Bromobenzene
Concen: 50.760 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

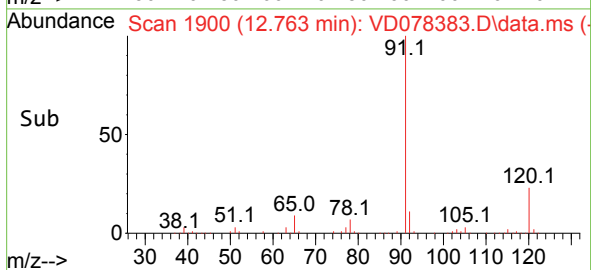
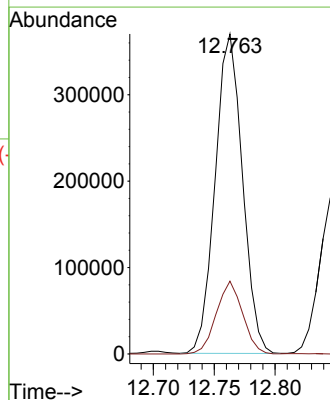
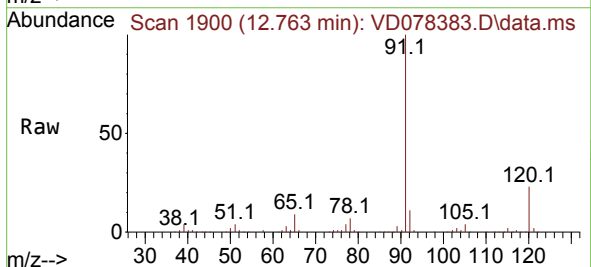
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

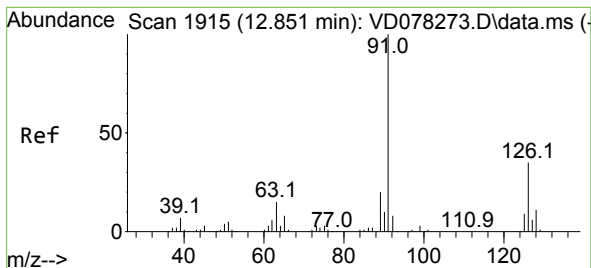
Tgt Ion:156 Resp: 98910
Ion Ratio Lower Upper
156 100
77 184.1 76.8 230.4
158 94.6 48.6 145.9



#78
n-propylbenzene
Concen: 52.244 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion: 91 Resp: 576265
Ion Ratio Lower Upper
91 100
120 22.0 12.4 37.2

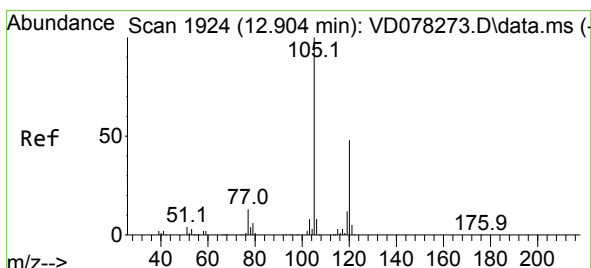
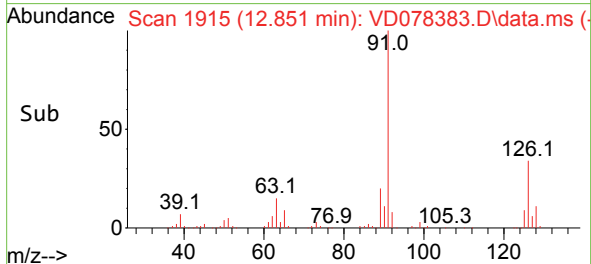
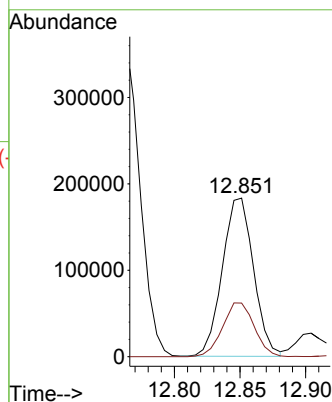
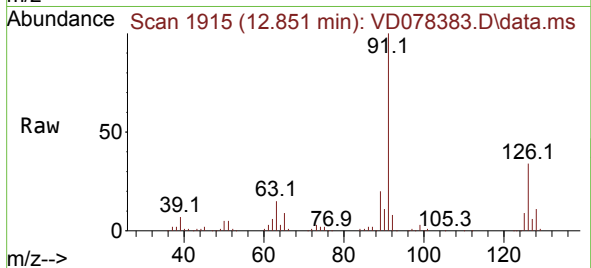




#79
2-Chlorotoluene
Concen: 51.451 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

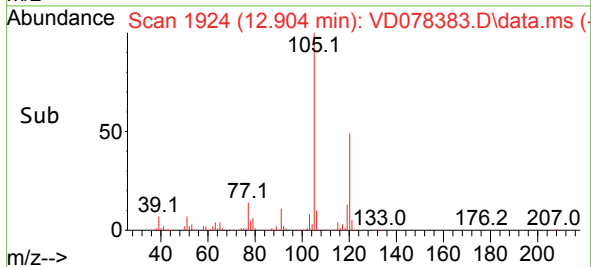
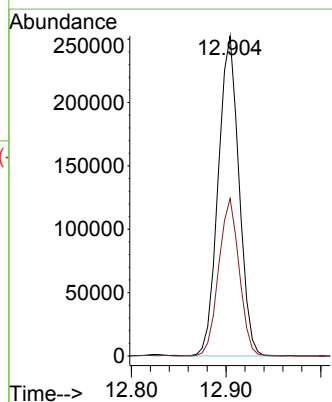
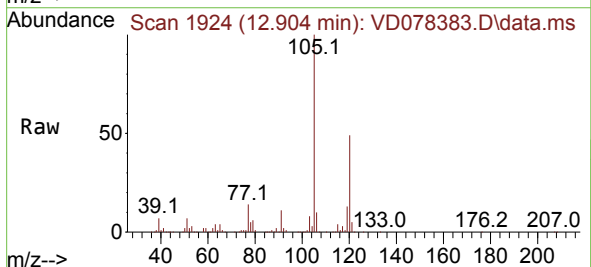
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

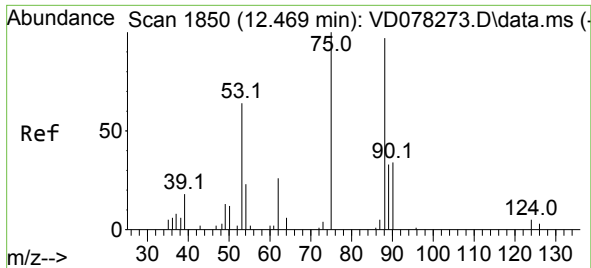
Tgt Ion: 91 Resp: 303800
Ion Ratio Lower Upper
91 100
126 34.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 53.497 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion: 105 Resp: 385369
Ion Ratio Lower Upper
105 100
120 48.4 26.4 79.2

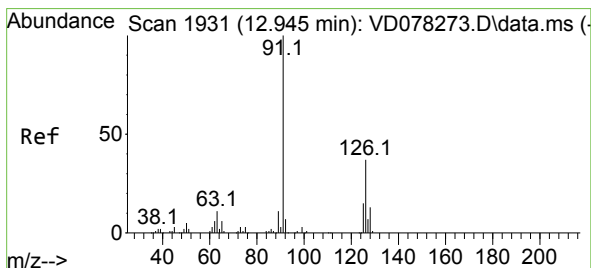
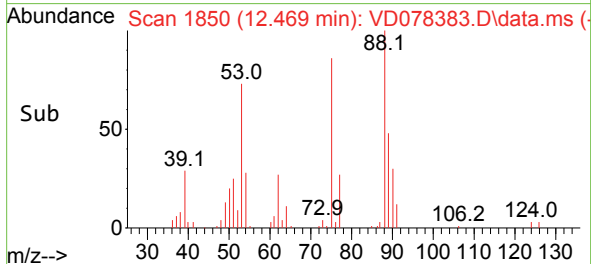
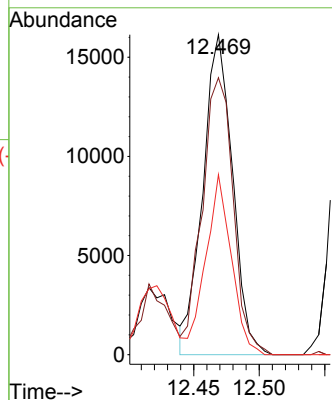
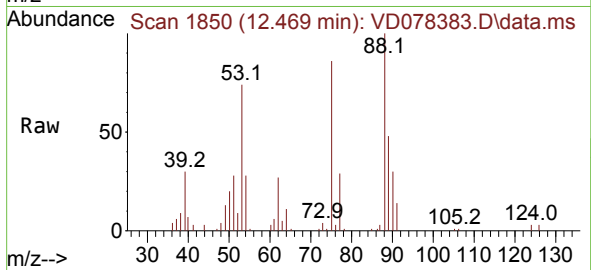




#81
trans-1,4-Dichloro-2-butene
Concen: 46.164 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

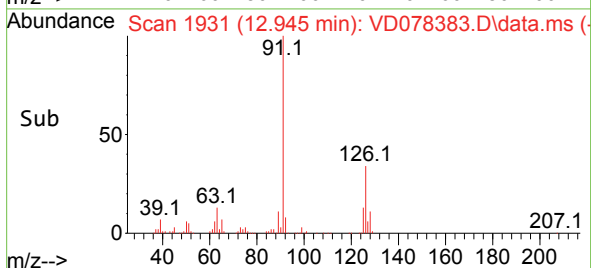
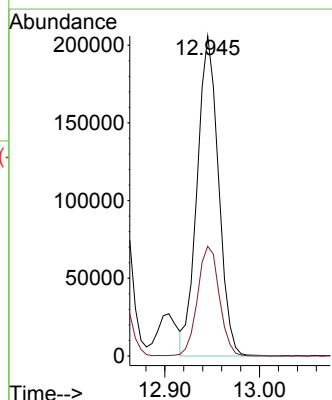
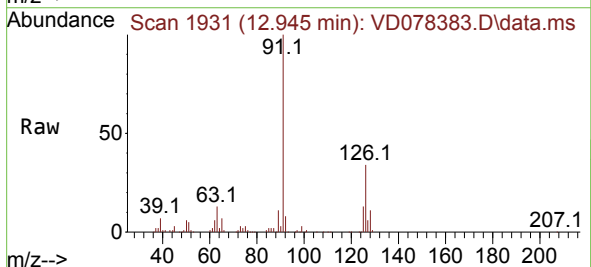
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

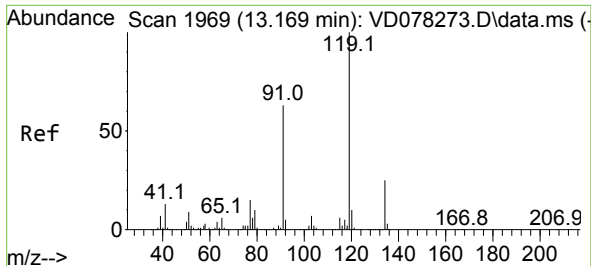
Tgt Ion: 75 Resp: 25390
Ion Ratio Lower Upper
75 100
53 90.9 63.0 94.4
89 48.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 51.164 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion: 91 Resp: 322070
Ion Ratio Lower Upper
91 100
126 35.0 19.4 58.4

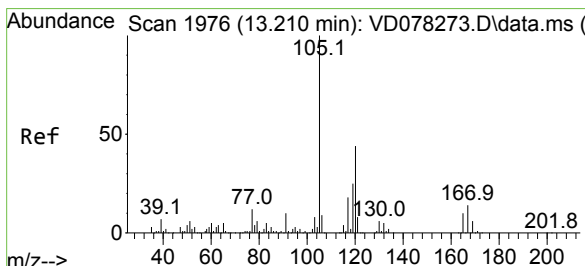
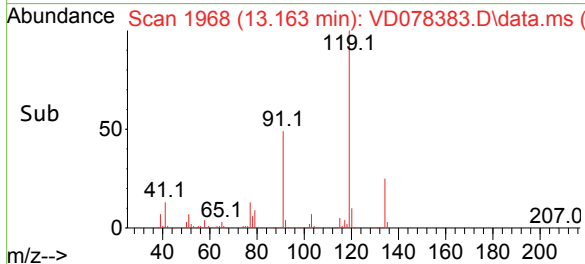
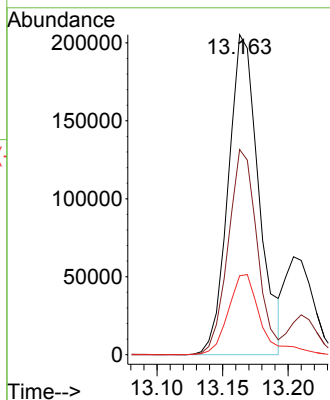
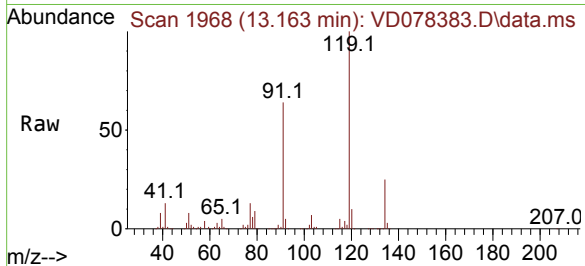




#83
tert-Butylbenzene
Concen: 54.159 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

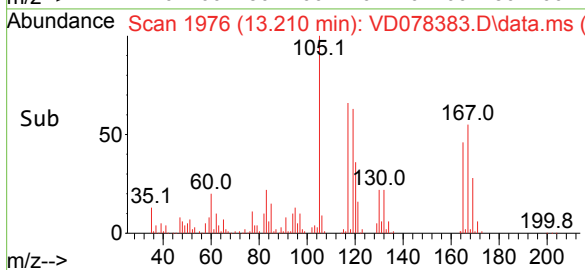
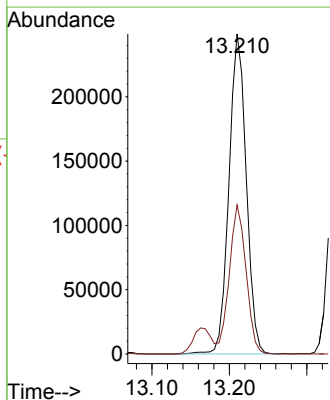
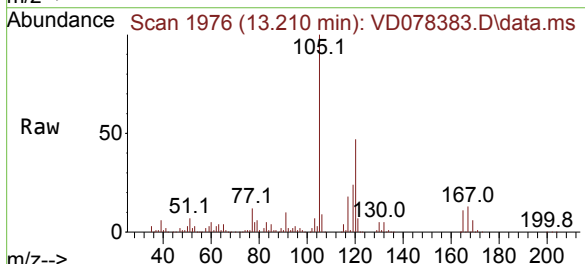
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

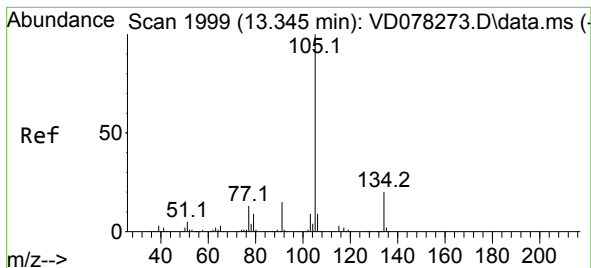
Tgt Ion:119 Resp: 332889
Ion Ratio Lower Upper
119 100
91 60.9 29.3 87.8
134 26.8 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 53.007 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion:105 Resp: 386318
Ion Ratio Lower Upper
105 100
120 45.4 24.3 72.9





#85

sec-Butylbenzene

Concen: 52.189 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078383.D

Acq: 09 Feb 2024 11:55

Instrument :

MSVOA_D

ClientSampleId :

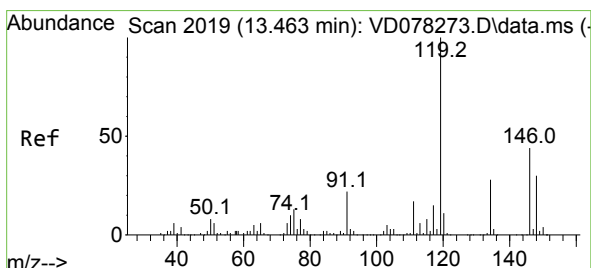
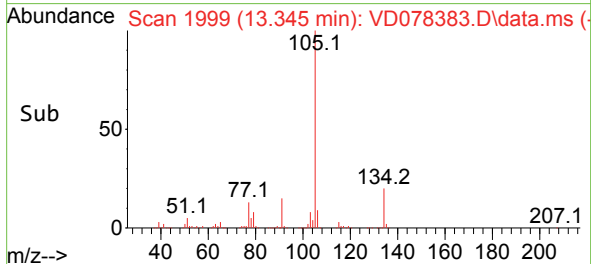
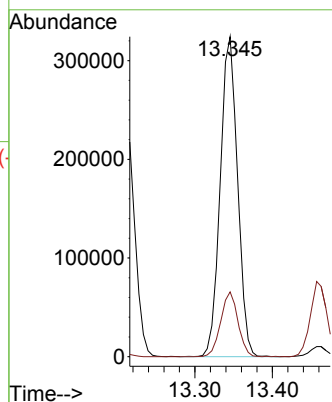
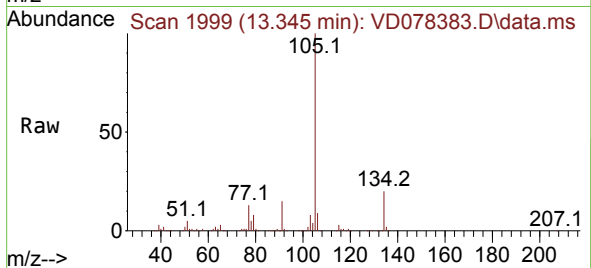
VSTDCCC050

Tgt Ion:105 Resp: 503450

Ion Ratio Lower Upper

105 100

134 20.1 10.9 32.9



#86

p-Isopropyltoluene

Concen: 53.974 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078383.D

Acq: 09 Feb 2024 11:55

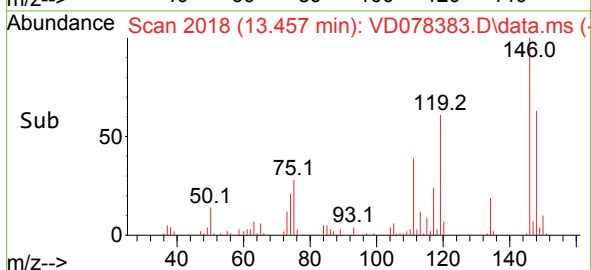
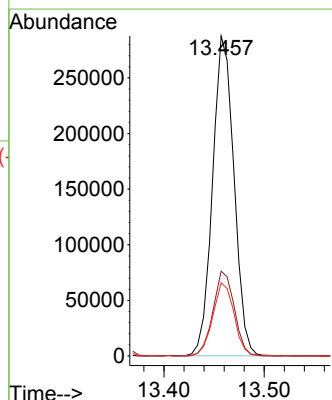
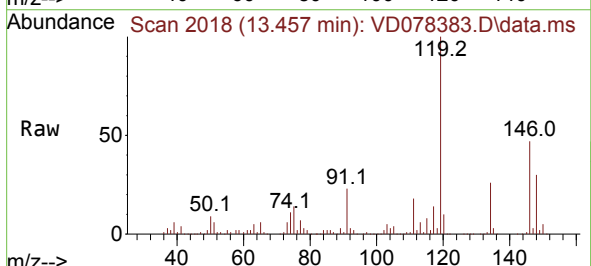
Tgt Ion:119 Resp: 426459

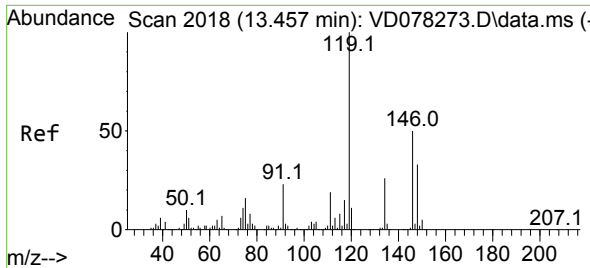
Ion Ratio Lower Upper

119 100

134 26.4 14.2 42.6

91 22.7 10.5 31.5

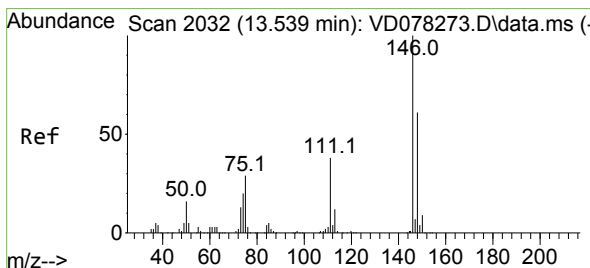
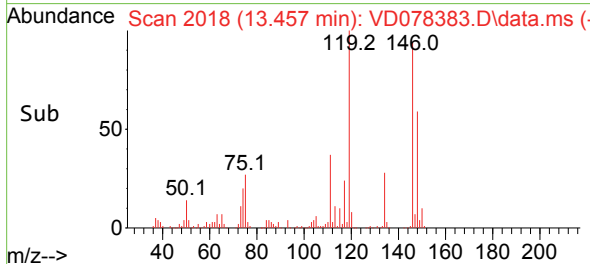
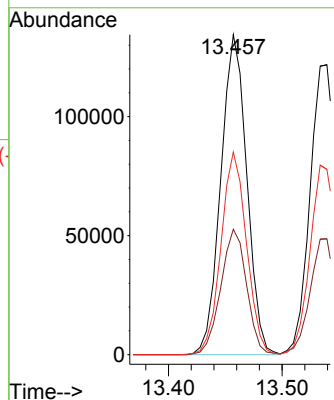
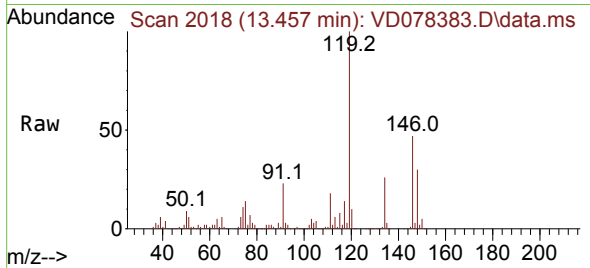




#87
1,3-Dichlorobenzene
Concen: 52.818 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

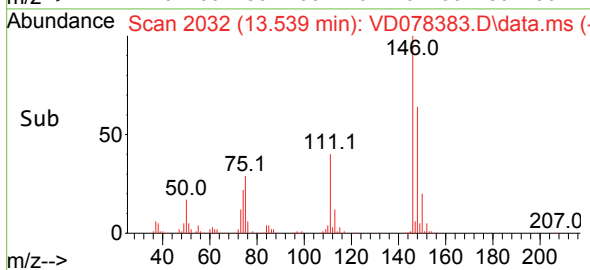
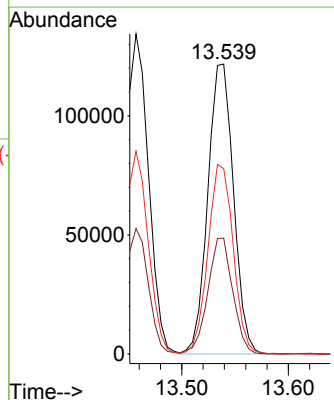
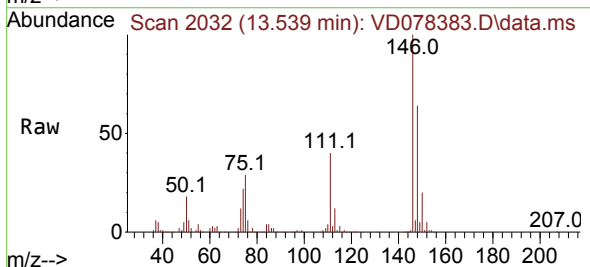
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

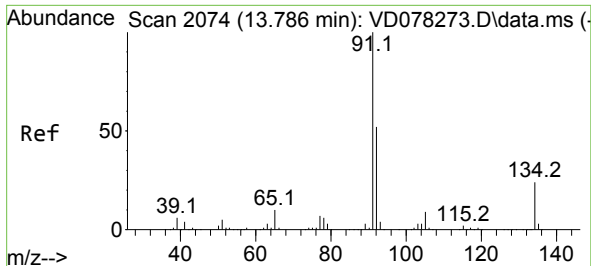
Tgt Ion:146 Resp: 213812
Ion Ratio Lower Upper
146 100
111 38.9 17.9 53.8
148 62.2 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 50.915 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion:146 Resp: 203925
Ion Ratio Lower Upper
146 100
111 38.8 17.4 52.3
148 64.4 31.7 95.1

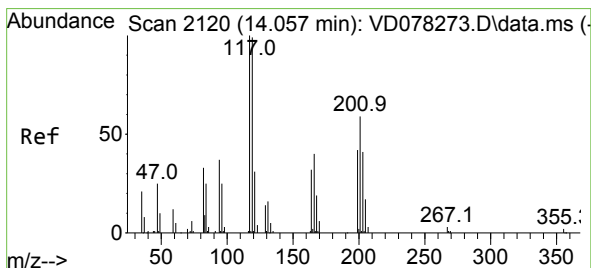
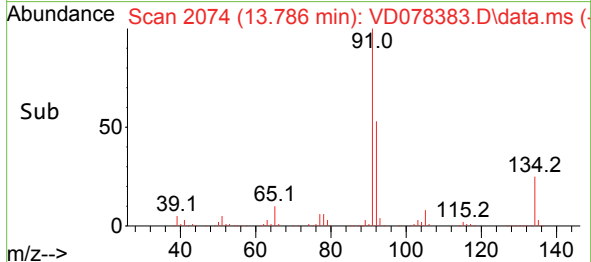
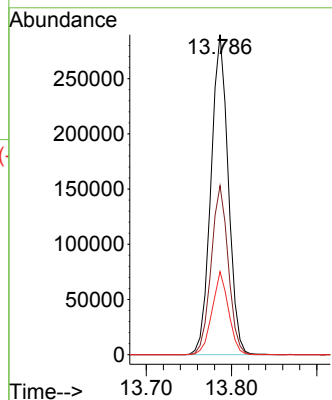
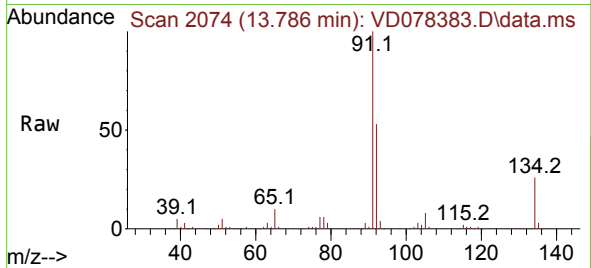




#89
n-Butylbenzene
Concen: 53.098 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

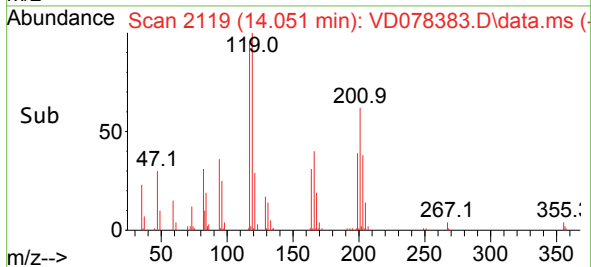
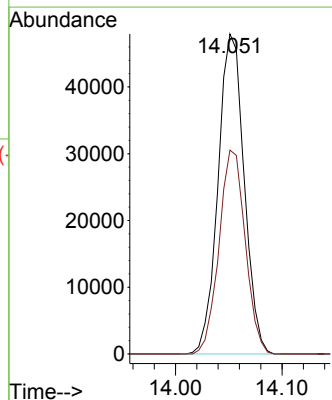
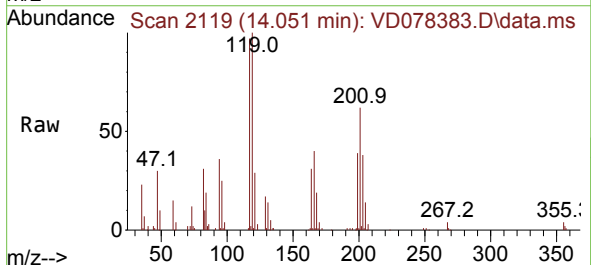
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

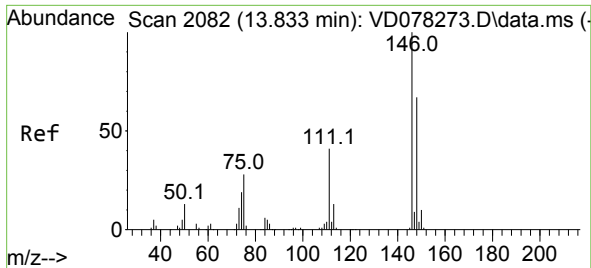
Tgt Ion: 91 Resp: 408823
Ion Ratio Lower Upper
91 100
92 52.3 26.5 79.5
134 24.6 13.8 41.3



#90
Hexachloroethane
Concen: 51.641 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078383.D
Acq: 09 Feb 2024 11:55

Tgt Ion: 117 Resp: 81498
Ion Ratio Lower Upper
117 100
201 63.9 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 51.051 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD078383.D

Acq: 09 Feb 2024 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

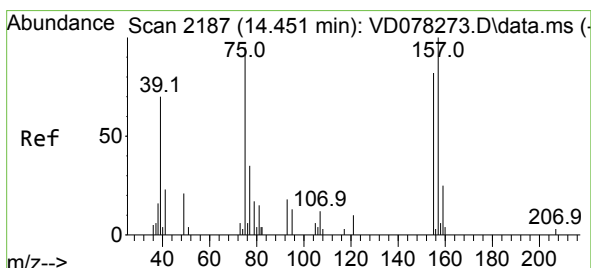
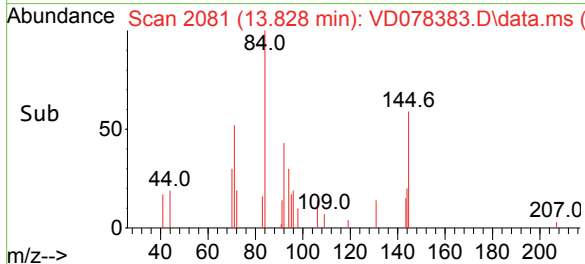
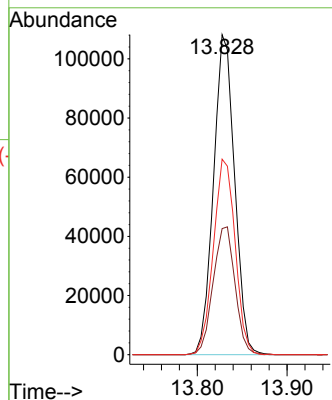
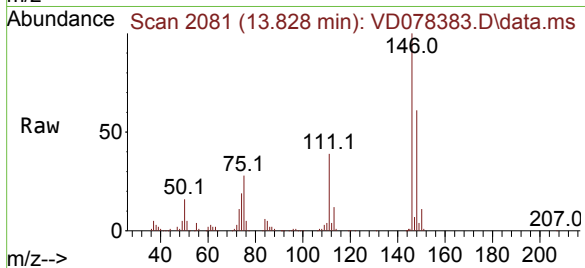
Tgt Ion:146 Resp: 176801

Ion Ratio Lower Upper

146 100

111 41.5 18.3 54.8

148 63.0 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.927 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD078383.D

Acq: 09 Feb 2024 11:55

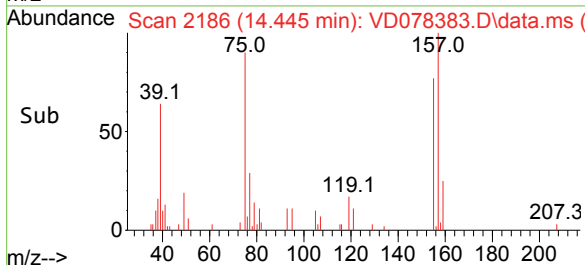
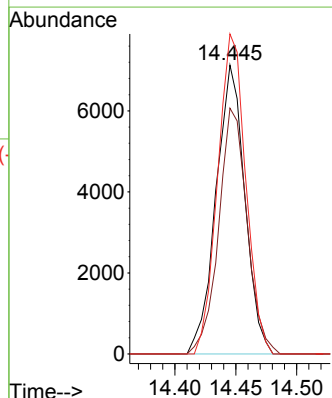
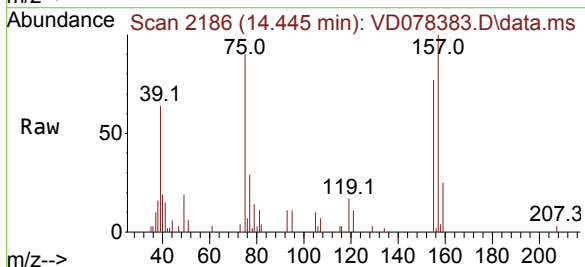
Tgt Ion: 75 Resp: 11728

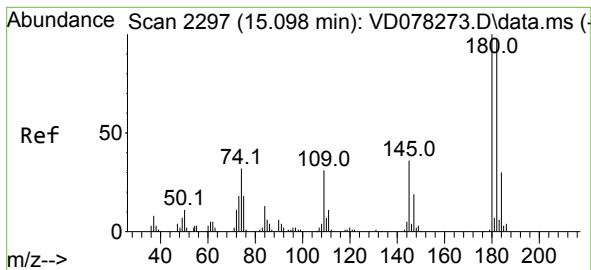
Ion Ratio Lower Upper

75 100

155 83.9 47.9 143.8

157 108.0 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 51.729 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078383.D

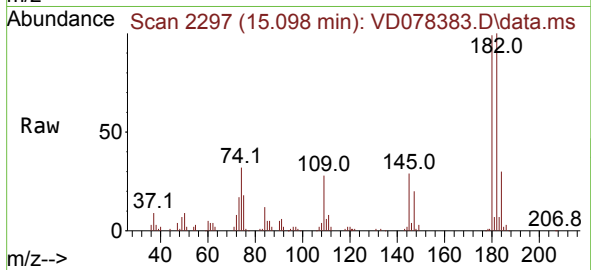
Acq: 09 Feb 2024 11:55

Instrument :

MSVOA_D

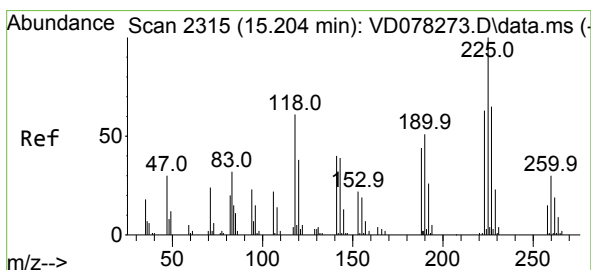
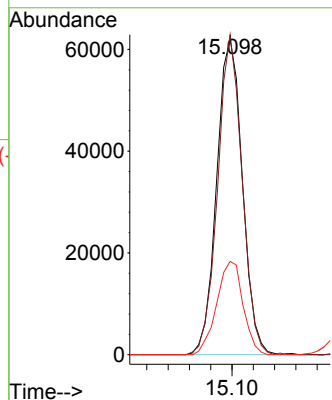
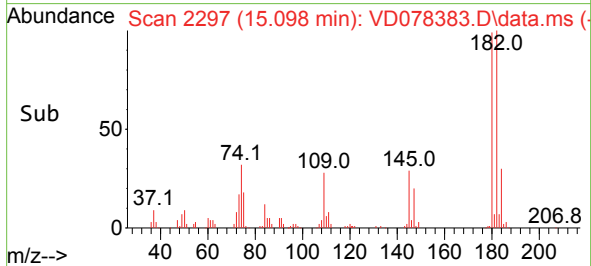
ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 103623

Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.5	145.6
145	30.3	14.2	42.6



#94

Hexachlorobutadiene

Concen: 56.514 ug/l

RT: 15.204 min Scan# 2315

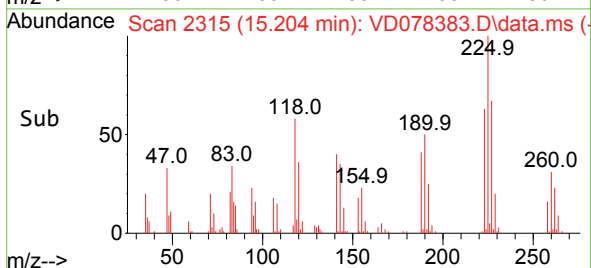
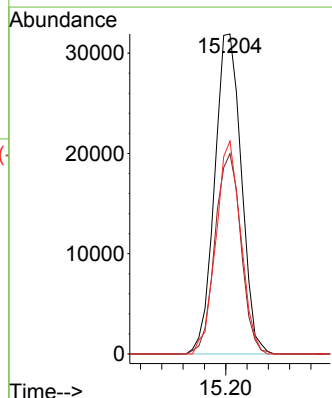
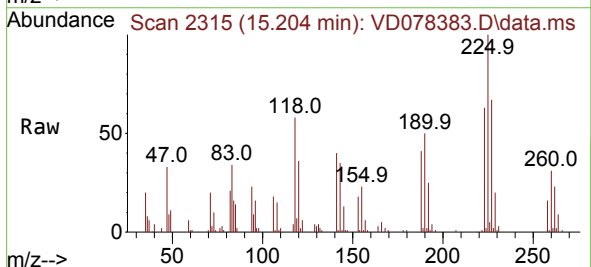
Delta R.T. 0.000 min

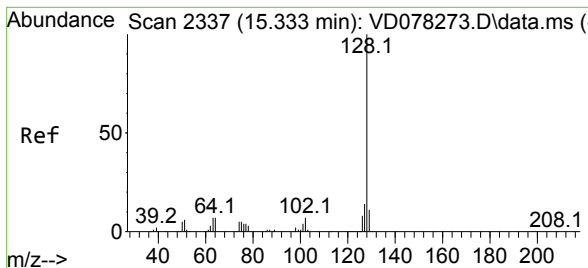
Lab File: VD078383.D

Acq: 09 Feb 2024 11:55

Tgt Ion:225 Resp: 55473

Ion	Ratio	Lower	Upper
225	100		
223	60.8	31.6	94.8
227	61.9	31.7	95.1





#95

Naphthalene

Concen: 52.449 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078383.D

Acq: 09 Feb 2024 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

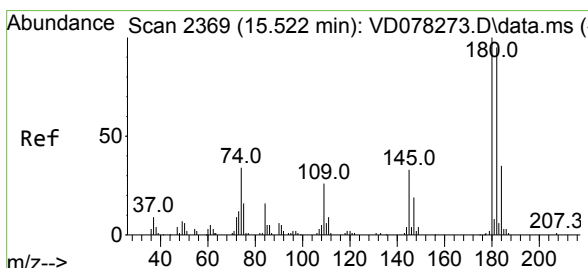
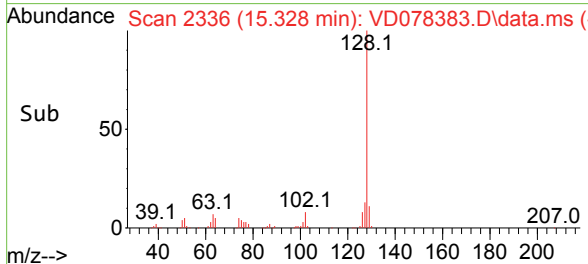
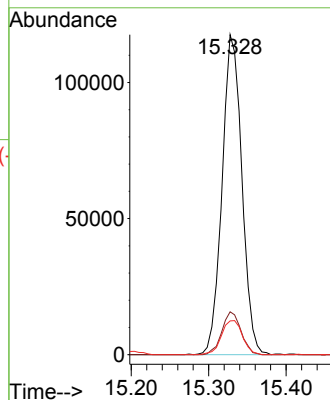
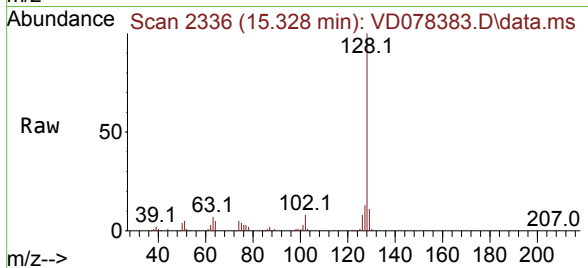
Tgt Ion:128 Resp: 209485

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 52.324 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078383.D

Acq: 09 Feb 2024 11:55

Tgt Ion:180 Resp: 92288

Ion Ratio Lower Upper

180 100

182 94.1 47.3 141.9

145 33.5 15.1 45.3

