

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
 Data File : VD078458.D
 Acq On : 19 Feb 2024 09:58
 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 19 23:47:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	156024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	260599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	242428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	128747	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	76290	45.222	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.440%
35) Dibromofluoromethane	7.810	113	83673	50.546	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.100%
50) Toluene-d8	10.269	98	328762	49.648	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.300%
62) 4-Bromofluorobenzene	12.569	95	94505	49.042	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.940	85	76259	49.606	ug/l	94
3) Chloromethane	2.152	50	121643	43.057	ug/l	96
4) Vinyl Chloride	2.287	62	183810	42.637	ug/l	97
5) Bromomethane	2.699	94	135601	45.570	ug/l	99
6) Chloroethane	2.840	64	136547	43.437	ug/l	95
7) Trichlorofluoromethane	3.181	101	139496	47.968	ug/l	95
8) Diethyl Ether	3.599	74	39293	46.910	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.969	101	86921	47.379	ug/l	97
10) Methyl Iodide	4.169	142	86311	52.527	ug/l	93
11) Tert butyl alcohol	5.057	59	20146	219.649	ug/l	99
12) 1,1-Dichloroethene	3.940	96	80891	47.559	ug/l	86
13) Acrolein	3.805	56	27500	176.451	ug/l	94
14) Allyl chloride	4.563	41	97344	46.328	ug/l	93
15) Acrylonitrile	5.252	53	84308	235.120	ug/l	98
16) Acetone	4.028	43	96928	306.336	ug/l #	83
17) Carbon Disulfide	4.275	76	258501	45.167	ug/l	98
18) Methyl Acetate	4.563	43	69106	55.931	ug/l	89
19) Methyl tert-butyl Ether	5.322	73	176362	48.804	ug/l	94
20) Methylene Chloride	4.805	84	98279	51.521	ug/l	92
21) trans-1,2-Dichloroethene	5.310	96	96679	48.317	ug/l	98
22) Diisopropyl ether	6.216	45	217157	46.890	ug/l	94
23) Vinyl Acetate	6.157	43	500552	264.528	ug/l	96
24) 1,1-Dichloroethane	6.116	63	159659	48.665	ug/l	96
25) 2-Butanone	7.081	43	112303	263.599	ug/l	91
26) 2,2-Dichloropropane	7.075	77	136246	49.539	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	107343	48.897	ug/l	96
28) Bromochloromethane	7.428	49	61997	47.711	ug/l	92
29) Tetrahydrofuran	7.446	42	59005	235.188	ug/l	94
30) Chloroform	7.599	83	168344	48.498	ug/l	99
31) Cyclohexane	7.881	56	129084	45.233	ug/l	99
32) 1,1,1-Trichloroethane	7.799	97	146551	49.519	ug/l	99
36) 1,1-Dichloropropene	8.010	75	129853	50.495	ug/l	98
37) Ethyl Acetate	7.163	43	42347	46.976	ug/l	97
38) Carbon Tetrachloride	7.993	117	131934	51.806	ug/l	94
39) Methylcyclohexane	9.275	83	160262	52.495	ug/l	96
40) Benzene	8.251	78	386817	52.040	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
 Data File : VD078458.D
 Acq On : 19 Feb 2024 09:58
 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 19 23:47:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	23948	51.046	ug/l	# 91
42) 1,2-Dichloroethane	8.328	62	92170	47.923	ug/l	96
43) Isopropyl Acetate	8.363	43	80830	48.422	ug/l	95
44) Trichloroethene	9.028	130	103123	54.381	ug/l	99
45) 1,2-Dichloropropane	9.310	63	93209	51.109	ug/l	97
46) Dibromomethane	9.393	93	53781	52.429	ug/l	91
47) Bromodichloromethane	9.587	83	131889	51.910	ug/l	99
48) Methyl methacrylate	9.381	41	45454	51.325	ug/l	86
49) 1,4-Dioxane	9.387	88	11560	1040.608	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	215371	243.092	ug/l	94
52) Toluene	10.334	92	247890	52.737	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	116321	50.175	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	142551	50.709	ug/l	# 94
55) 1,1,2-Trichloroethane	10.734	97	71234	51.566	ug/l	99
56) Ethyl methacrylate	10.598	69	56533	44.249	ug/l	94
57) 1,3-Dichloropropane	10.875	76	116945	49.766	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	156778	208.324	ug/l	98
59) 2-Hexanone	10.922	43	165402	248.421	ug/l	94
60) Dibromochloromethane	11.075	129	86825	52.238	ug/l	95
61) 1,2-Dibromoethane	11.181	107	67209	51.823	ug/l	99
64) Tetrachloroethene	10.810	164	82233	53.703	ug/l	95
65) Chlorobenzene	11.610	112	263449	54.055	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	95724	53.445	ug/l	96
67) Ethyl Benzene	11.681	91	465512	53.308	ug/l	98
68) m/p-Xylenes	11.792	106	373739	109.721	ug/l	94
69) o-Xylene	12.122	106	166216	53.472	ug/l	92
70) Styrene	12.134	104	260856	51.419	ug/l	97
71) Bromoform	12.298	173	51958	55.115	ug/l	# 98
73) Isopropylbenzene	12.422	105	449687	52.016	ug/l	96
74) N-amyl acetate	12.234	43	69748	42.646	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	80521	46.953	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	95103	87.009	ug/l	# 100
77) Bromobenzene	12.698	156	106468	52.402	ug/l	95
78) n-propylbenzene	12.763	91	550165	51.066	ug/l	97
79) 2-Chlorotoluene	12.851	91	286780	49.699	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	379939	52.926	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	24245	46.049	ug/l	98
82) 4-Chlorotoluene	12.945	91	307326	49.589	ug/l	97
83) tert-Butylbenzene	13.163	119	327008	54.013	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	384395	52.761	ug/l	97
85) sec-Butylbenzene	13.345	105	481162	51.247	ug/l	97
86) p-Isopropyltoluene	13.457	119	429614	53.721	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	218304	50.343	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	218700	51.328	ug/l	99
89) n-Butylbenzene	13.786	91	401935	52.144	ug/l	98
90) Hexachloroethane	14.051	117	81949	49.857	ug/l	95
91) 1,2-Dichlorobenzene	13.833	146	187410	51.466	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10132	45.121	ug/l	86
93) 1,2,4-Trichlorobenzene	15.098	180	113232	52.911	ug/l	98
94) Hexachlorobutadiene	15.204	225	61133	54.728	ug/l	98
95) Naphthalene	15.333	128	205896	51.872	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	96668	53.299	ug/l	98

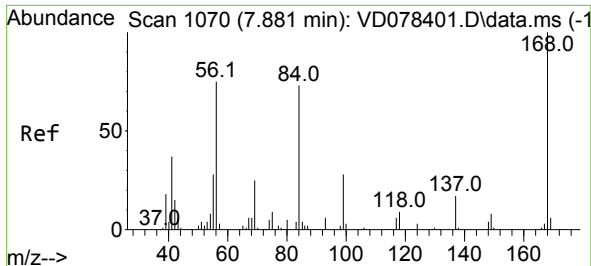
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
Data File : VD078458.D
Acq On : 19 Feb 2024 09:58
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: Feb 19 23:47:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

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

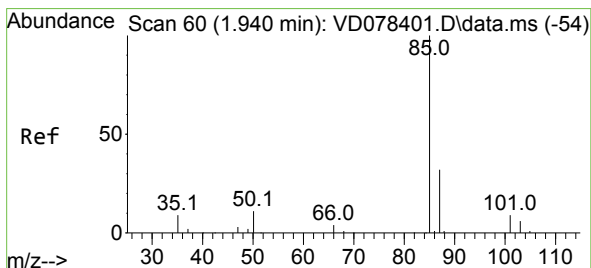
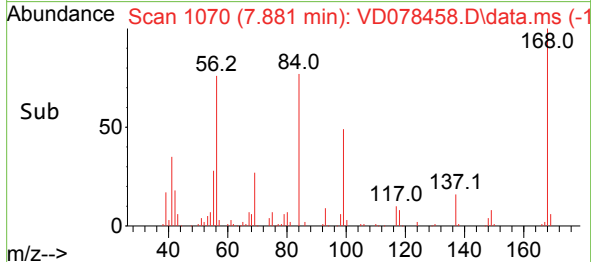
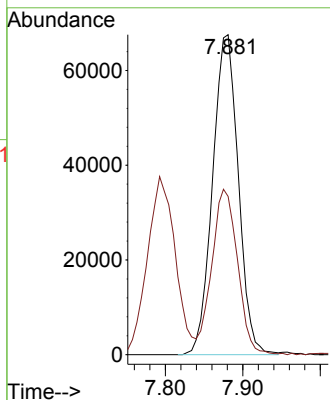
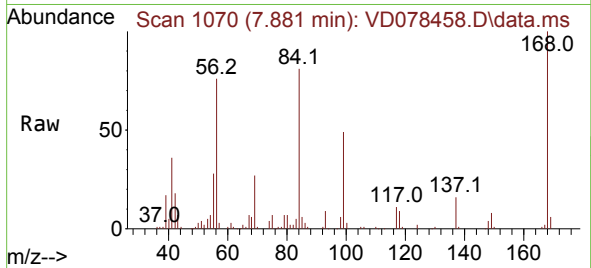
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

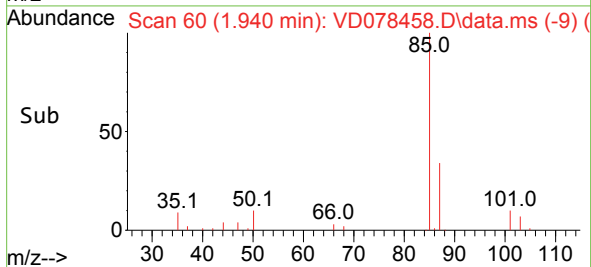
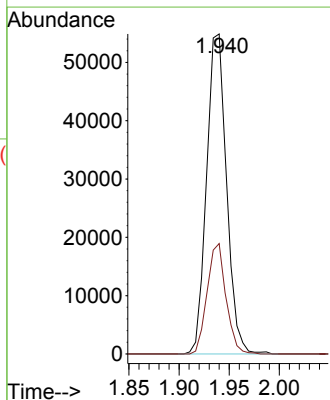
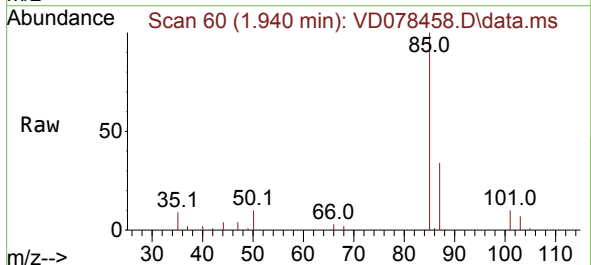
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

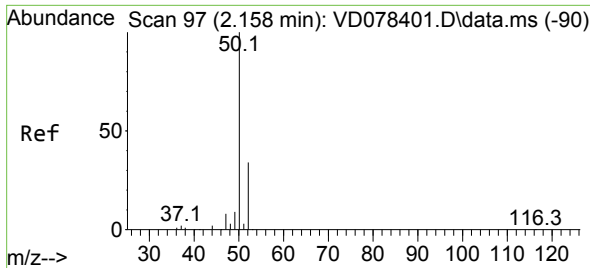
Tgt Ion:168 Resp: 156024
Ion Ratio Lower Upper
168 100
99 49.2 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 49.606 ug/l
RT: 1.940 min Scan# 60
Delta R.T. -0.000 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Tgt Ion: 85 Resp: 76259
Ion Ratio Lower Upper
85 100
87 34.5 15.7 47.0

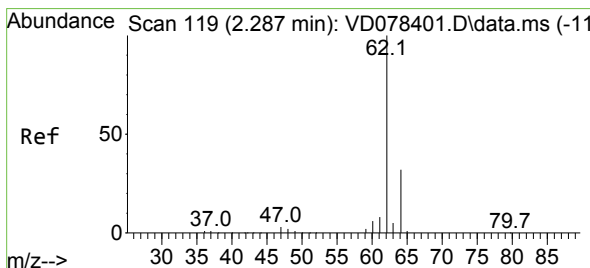
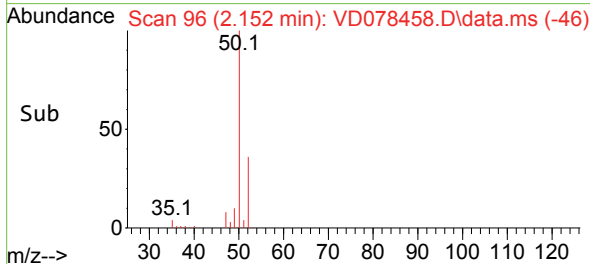
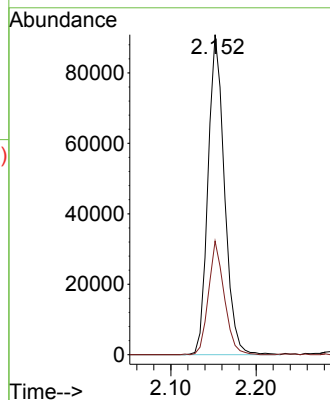
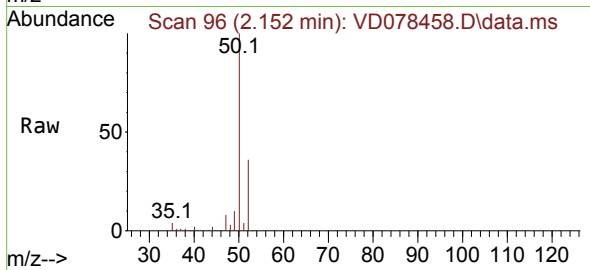




#3
Chloromethane
Concen: 43.057 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

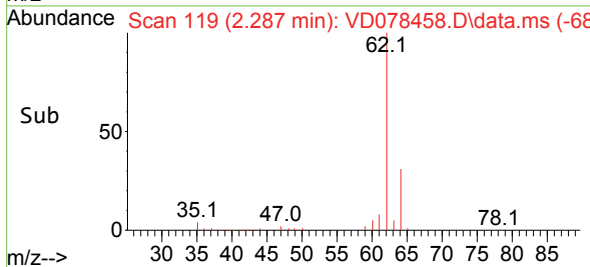
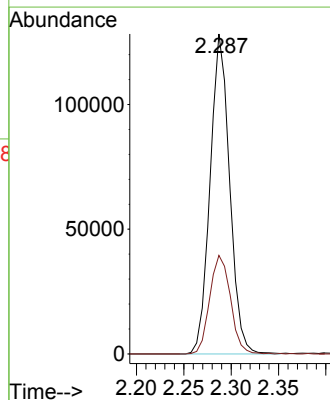
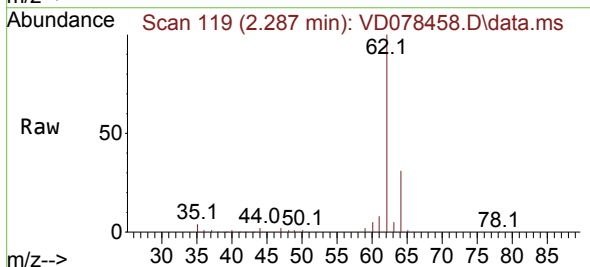
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

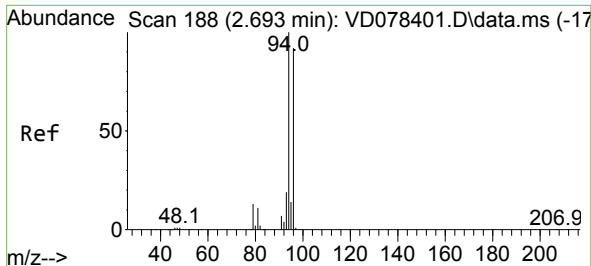
Tgt Ion: 50 Resp: 121643
Ion Ratio Lower Upper
50 100
52 35.5 26.6 40.0



#4
Vinyl Chloride
Concen: 42.637 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Tgt Ion: 62 Resp: 183810
Ion Ratio Lower Upper
62 100
64 30.8 26.0 39.0

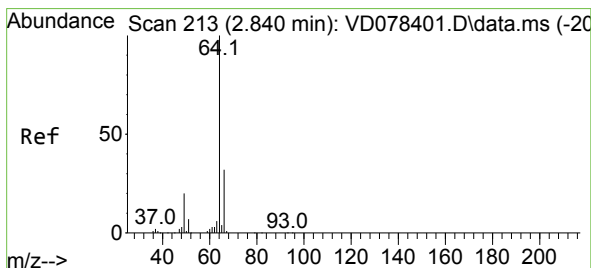
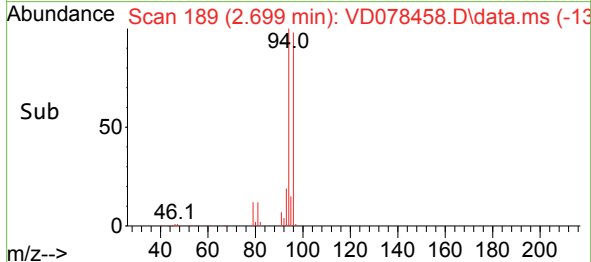
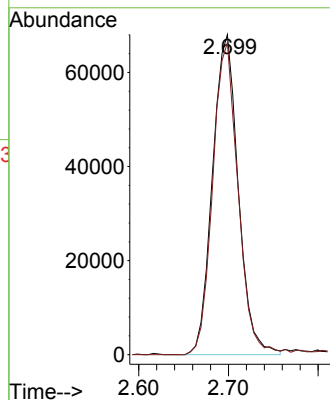
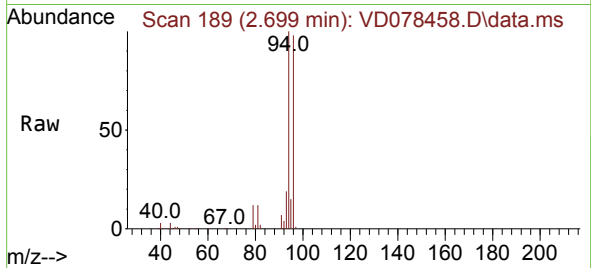




#5
Bromomethane
Concen: 45.570 ug/l
RT: 2.699 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

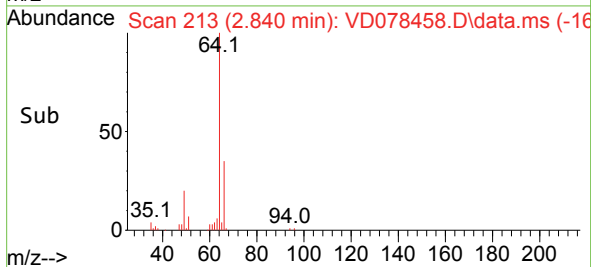
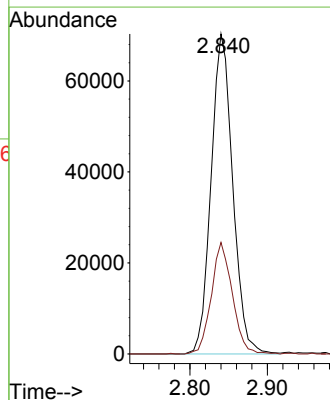
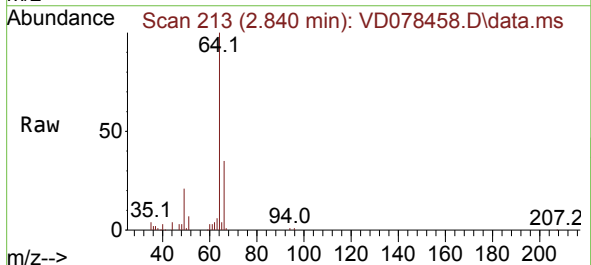
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 135601
Ion Ratio Lower Upper
94 100
96 95.9 75.8 113.8



#6
Chloroethane
Concen: 43.437 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Tgt Ion: 64 Resp: 136547
Ion Ratio Lower Upper
64 100
66 34.9 25.5 38.3

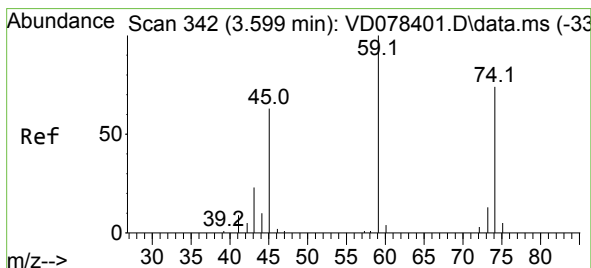
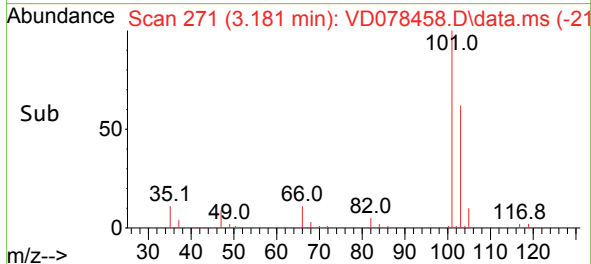
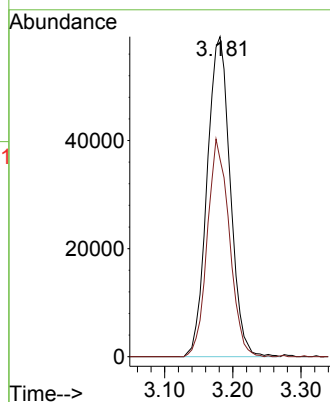
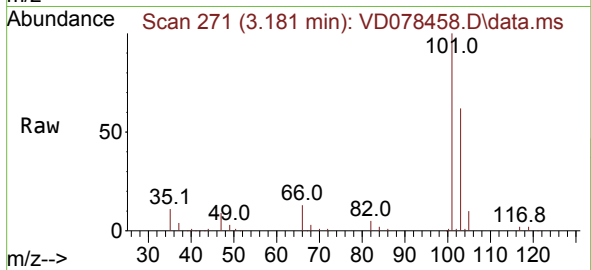




#7
Trichlorofluoromethane
Concen: 47.968 ug/l
RT: 3.181 min Scan# 271
Delta R.T. 0.006 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

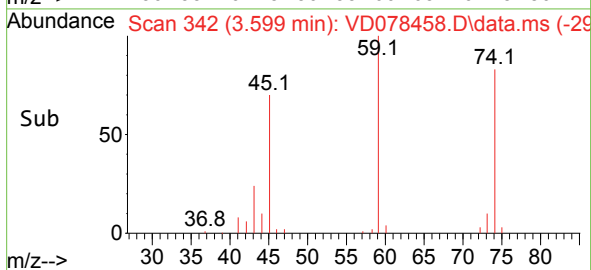
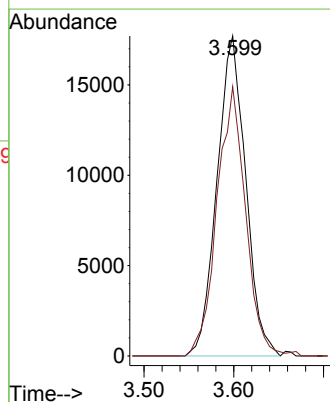
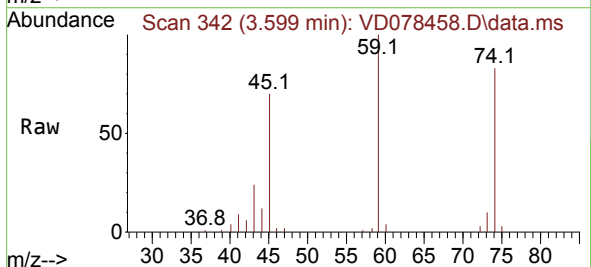
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 139496
Ion Ratio Lower Upper
101 100
103 61.7 52.3 78.5



#8
Diethyl Ether
Concen: 46.910 ug/l
RT: 3.599 min Scan# 342
Delta R.T. -0.000 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Tgt Ion: 74 Resp: 39293
Ion Ratio Lower Upper
74 100
45 84.1 37.5 112.7

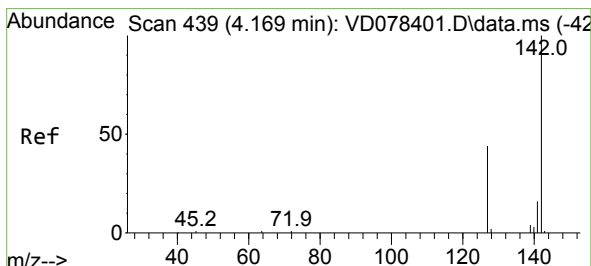
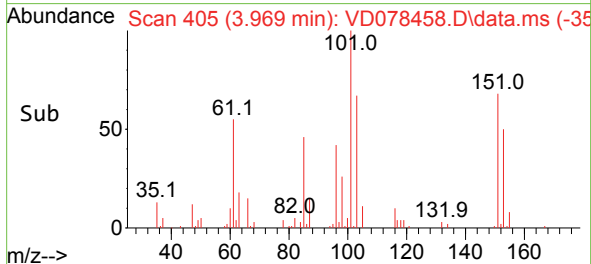
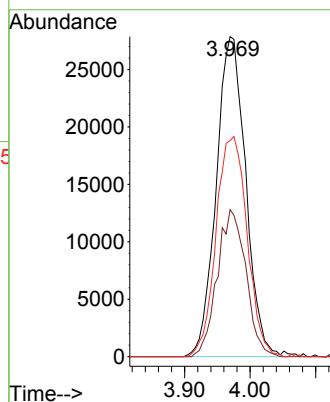
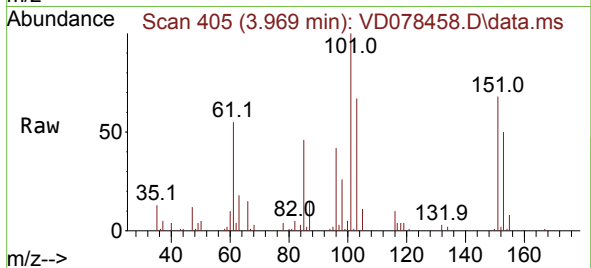




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.379 ug/l
 RT: 3.969 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: VD078458.D
 Acq: 19 Feb 2024 09:58

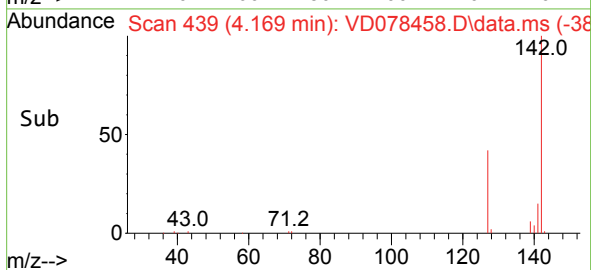
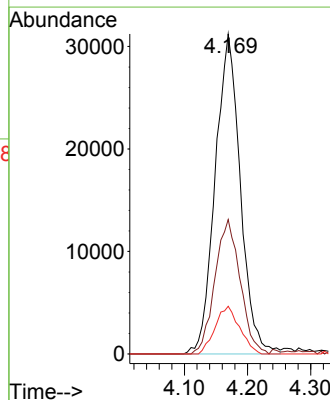
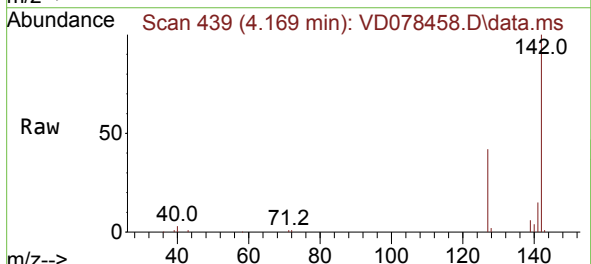
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

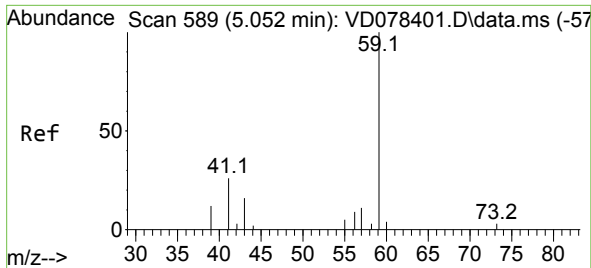
Tgt Ion:101	Resp:	86921
Ion	Ratio	Lower Upper
101	100	
85	44.7	33.8 50.6
151	72.7	59.8 89.6



#10
 Methyl Iodide
 Concen: 52.527 ug/l
 RT: 4.169 min Scan# 439
 Delta R.T. -0.000 min
 Lab File: VD078458.D
 Acq: 19 Feb 2024 09:58

Tgt Ion:142	Resp:	86311
Ion	Ratio	Lower Upper
142	100	
127	42.1	29.4 44.0
141	14.6	11.1 16.7

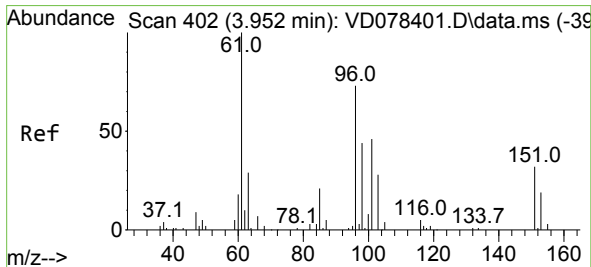
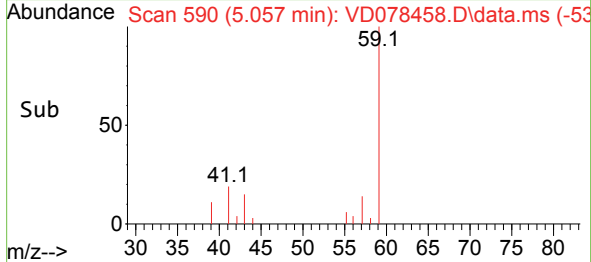
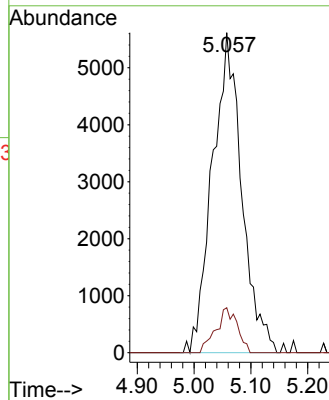
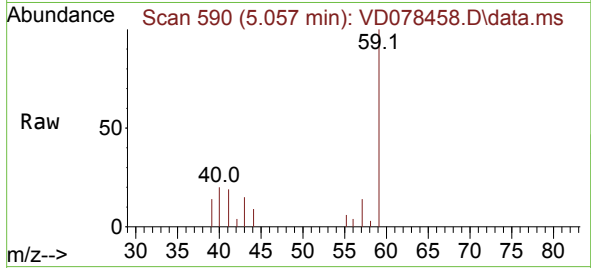




#11
Tert butyl alcohol
Concen: 219.649 ug/l
RT: 5.057 min Scan# 589
Delta R.T. 0.005 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

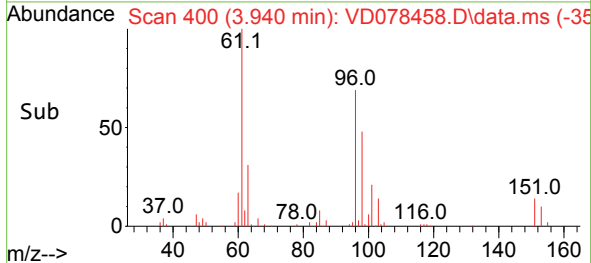
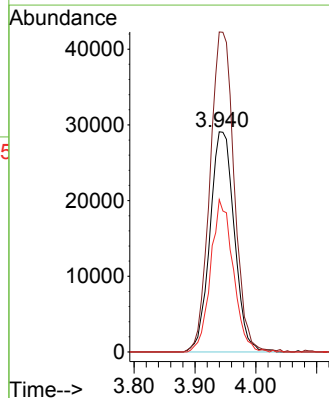
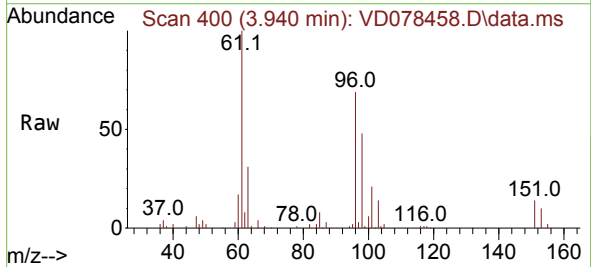
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

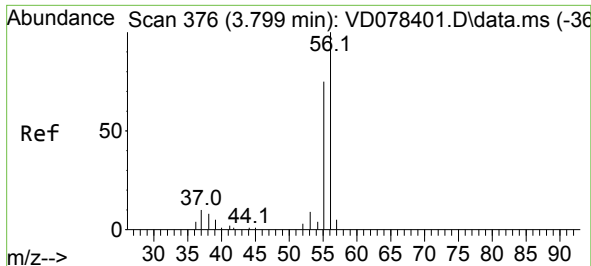
Tgt Ion: 59 Resp: 20146
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8



#12
1,1-Dichloroethene
Concen: 47.559 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.012 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Tgt Ion: 96 Resp: 80891
Ion Ratio Lower Upper
96 100
61 145.4 100.6 150.8
98 69.2 50.2 75.2





#13

Acrolein

Concen: 176.451 ug/l

RT: 3.805 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD078458.D

Acq: 19 Feb 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

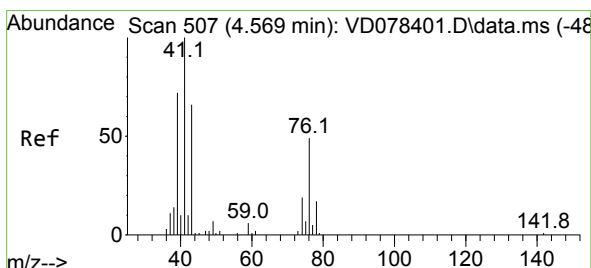
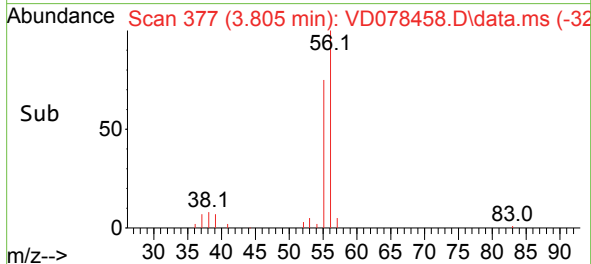
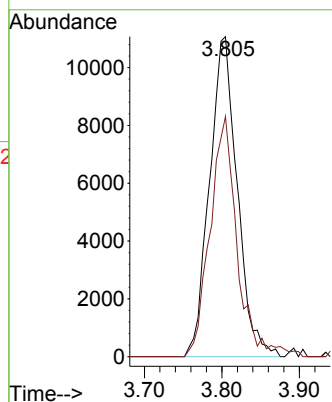
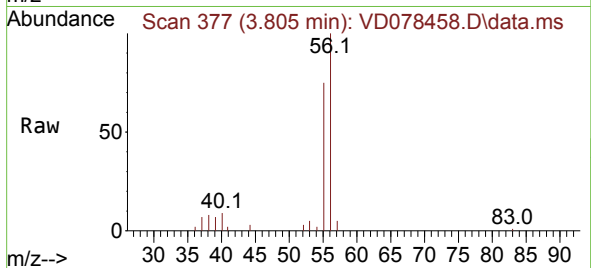
VSTDCCC050

Tgt Ion: 56 Resp: 27500

Ion Ratio Lower Upper

56 100

55 73.5 55.1 82.7



#14

Allyl chloride

Concen: 46.328 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.006 min

Lab File: VD078458.D

Acq: 19 Feb 2024 09:58

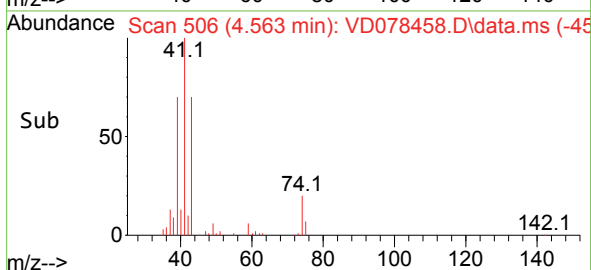
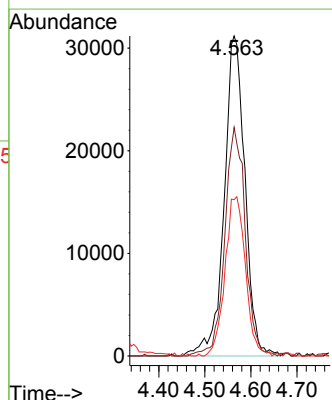
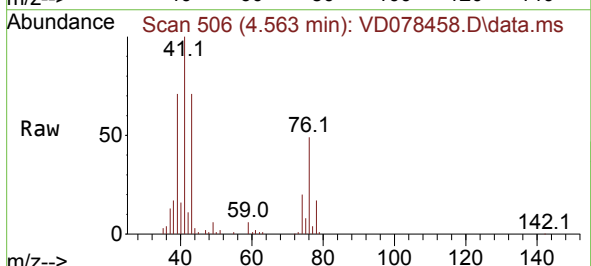
Tgt Ion: 41 Resp: 97344

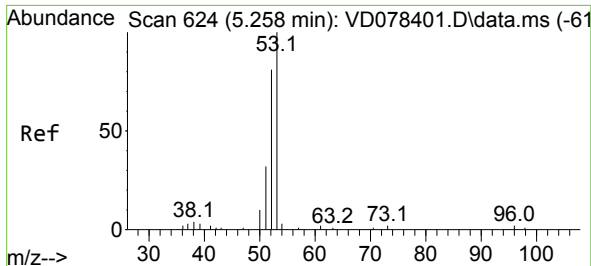
Ion Ratio Lower Upper

41 100

39 70.4 53.8 80.6

76 49.1 45.8 68.8

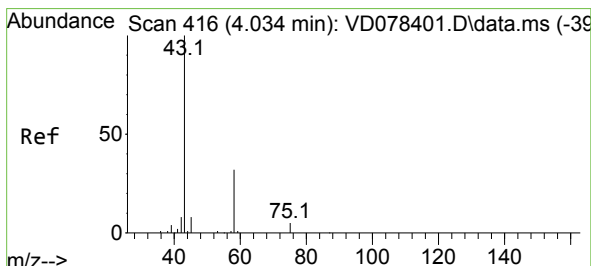
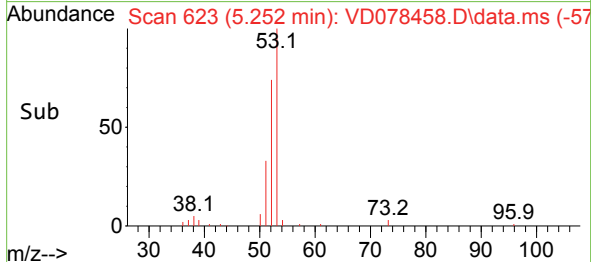
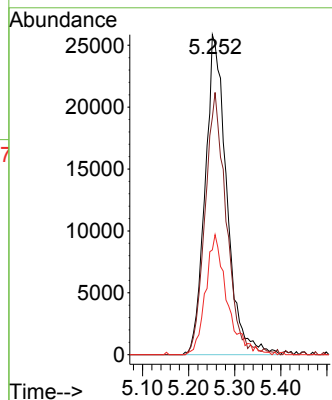
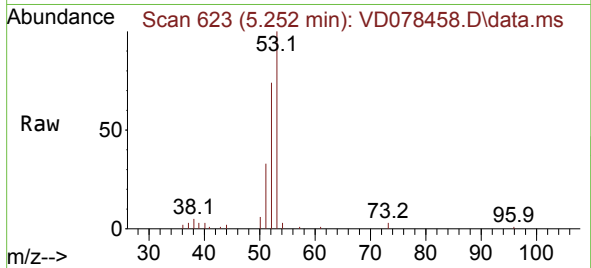




#15
Acrylonitrile
Concen: 235.120 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

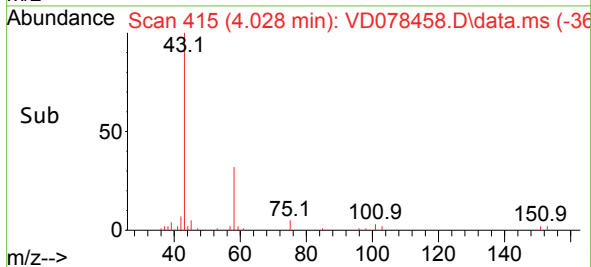
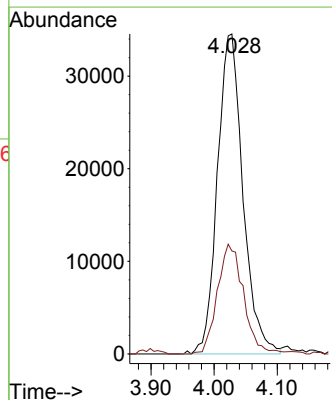
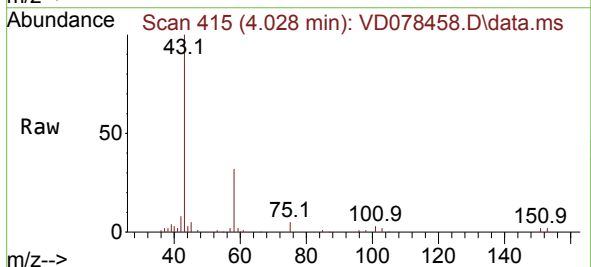
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

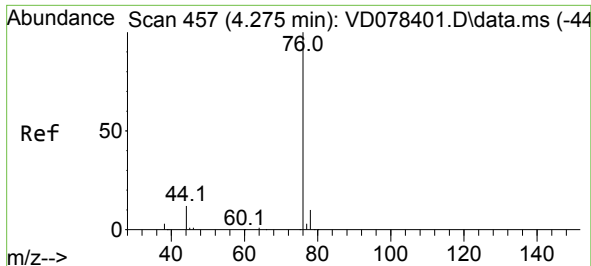
Tgt Ion: 53 Resp: 84308
Ion Ratio Lower Upper
53 100
52 80.2 65.0 97.4
51 37.4 28.3 42.5



#16
Acetone
Concen: 306.336 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Tgt Ion: 43 Resp: 96928
Ion Ratio Lower Upper
43 100
58 32.2 34.7 52.1#

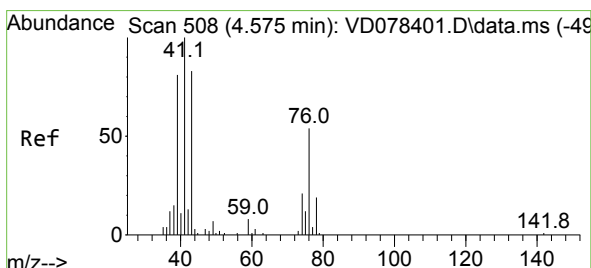
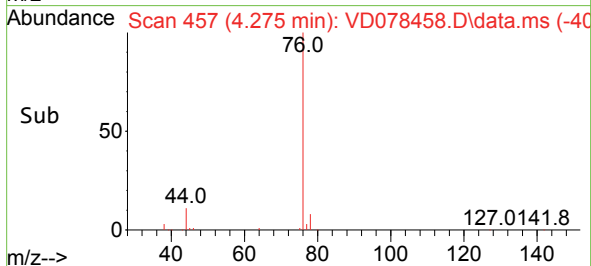
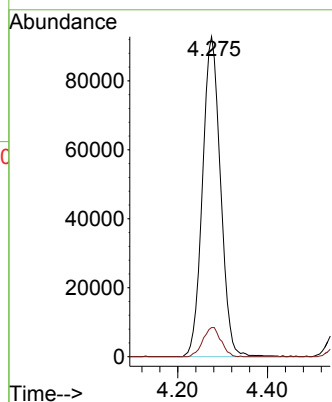
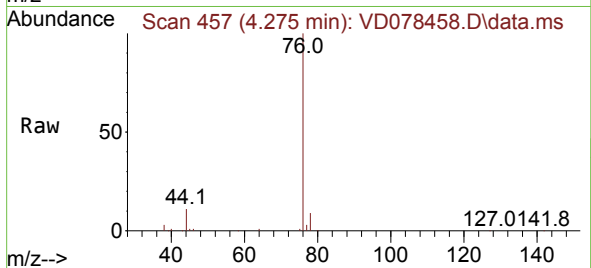




#17
Carbon Disulfide
Concen: 45.167 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

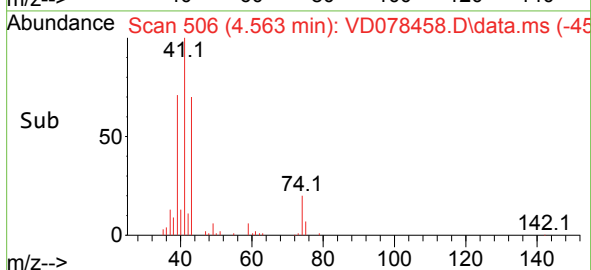
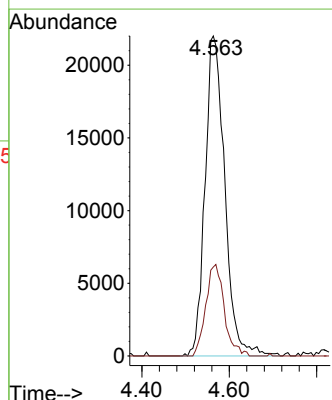
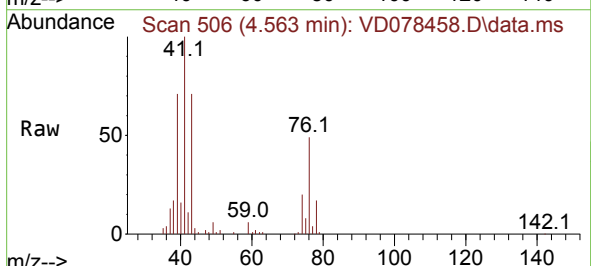
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

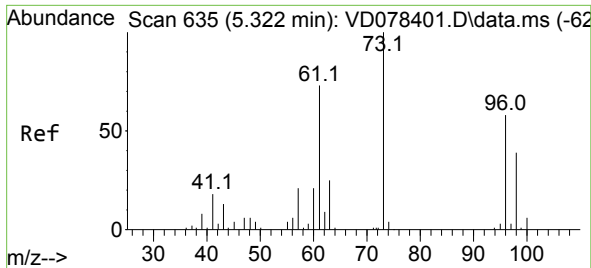
Tgt Ion: 76 Resp: 258501
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 55.931 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.012 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Tgt Ion: 43 Resp: 69106
Ion Ratio Lower Upper
43 100
74 26.9 26.4 39.6

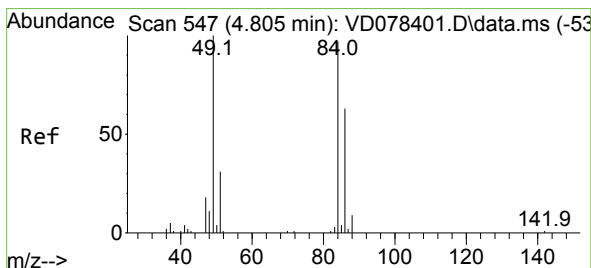
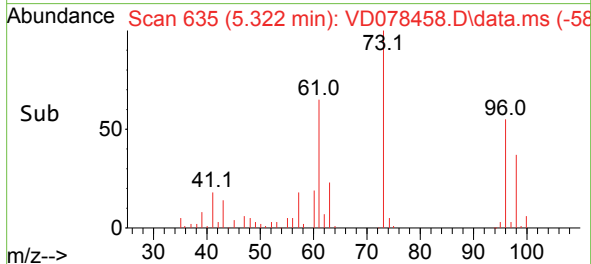
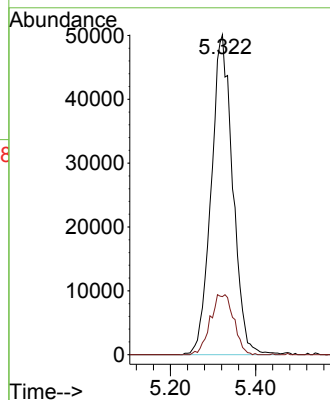
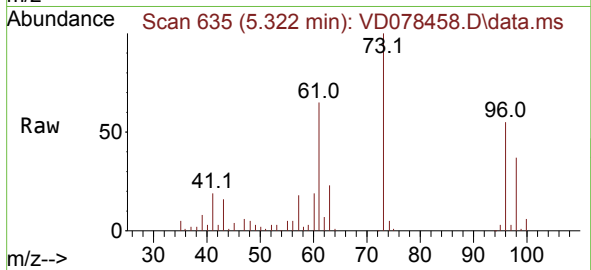




#19
Methyl tert-butyl Ether
Concen: 48.804 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

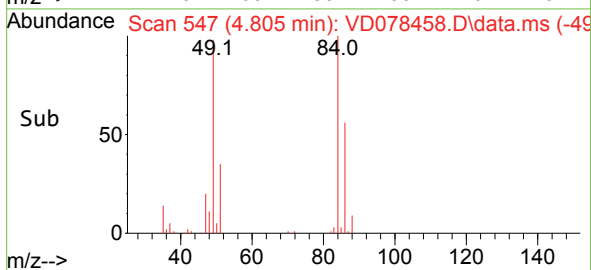
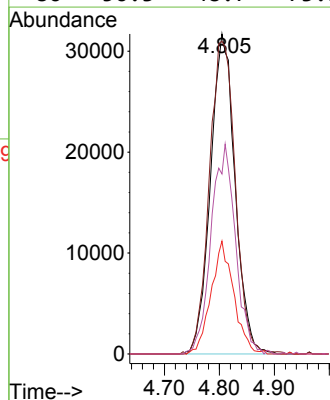
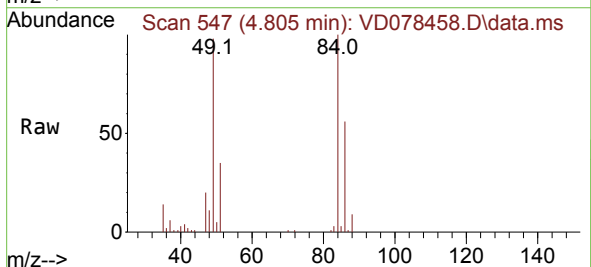
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 176362
Ion Ratio Lower Upper
73 100
57 18.1 16.6 25.0



#20
Methylene Chloride
Concen: 51.521 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Tgt Ion: 84 Resp: 98279
Ion Ratio Lower Upper
84 100
49 97.8 71.4 107.2
51 35.3 24.5 36.7
86 56.3 48.7 73.1

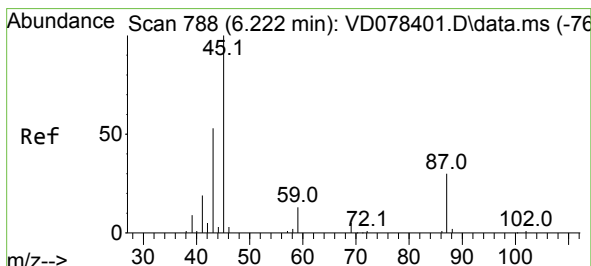
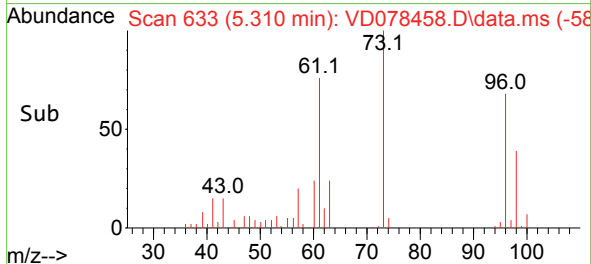
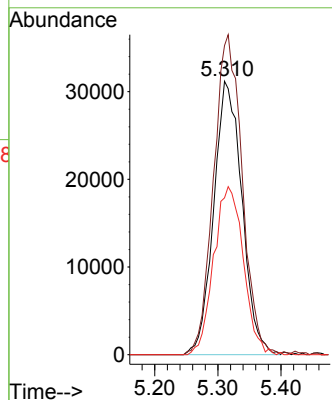
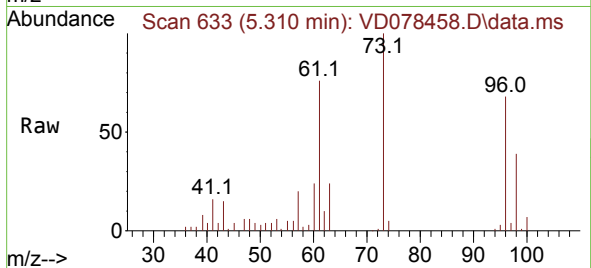




#21
trans-1,2-Dichloroethene
Concen: 48.317 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

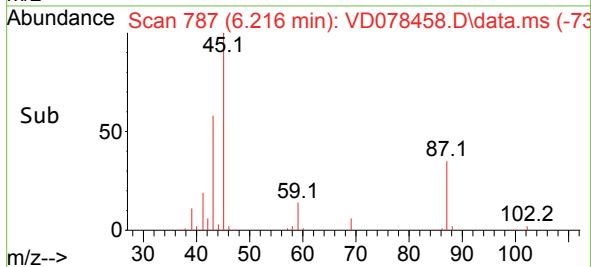
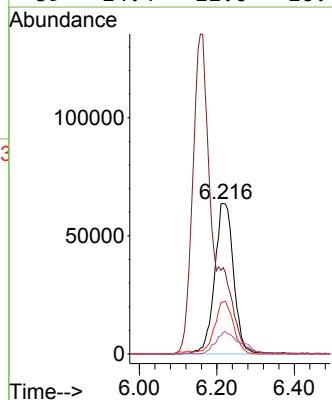
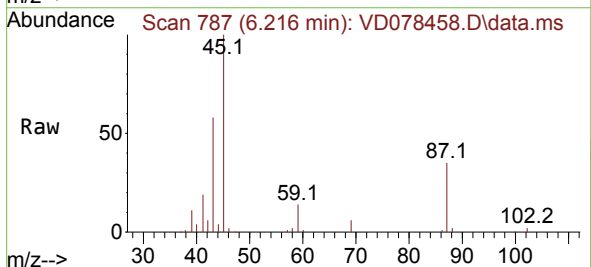
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

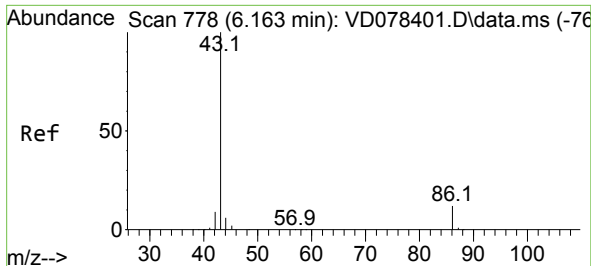
Tgt Ion: 96 Resp: 96679
Ion Ratio Lower Upper
96 100
61 113.1 89.3 133.9
98 57.3 48.6 73.0



#22
Diisopropyl ether
Concen: 46.890 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Tgt Ion: 45 Resp: 217157
Ion Ratio Lower Upper
45 100
43 56.9 40.0 60.0
87 34.5 28.2 42.4
59 14.4 11.0 16.4

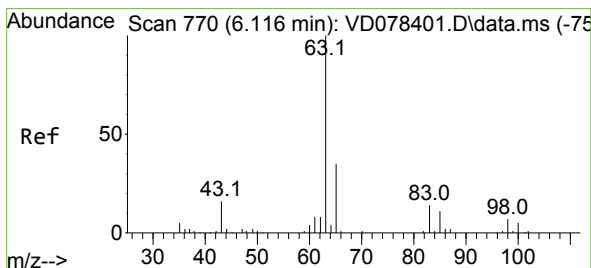
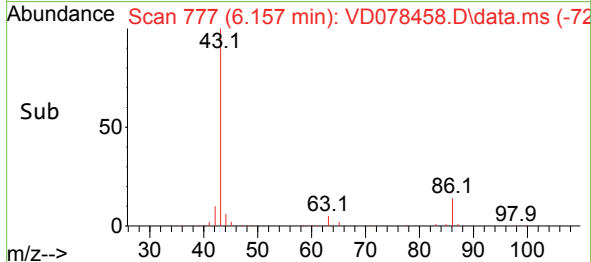
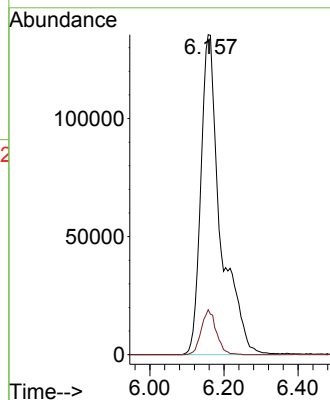
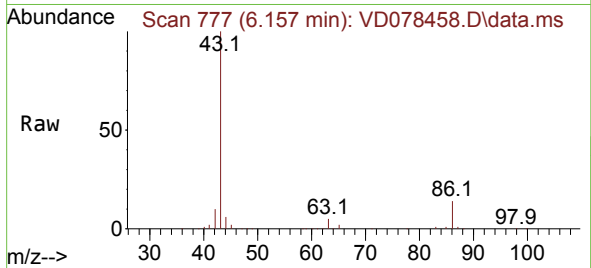




#23
 Vinyl Acetate
 Concen: 264.528 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. -0.006 min
 Lab File: VD078458.D
 Acq: 19 Feb 2024 09:58

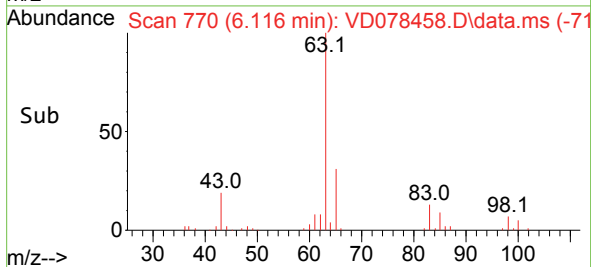
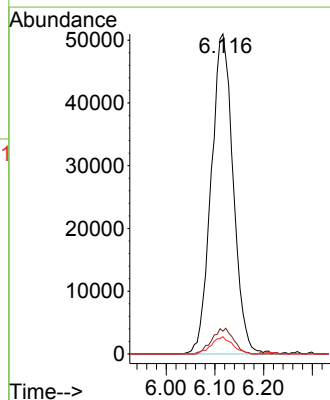
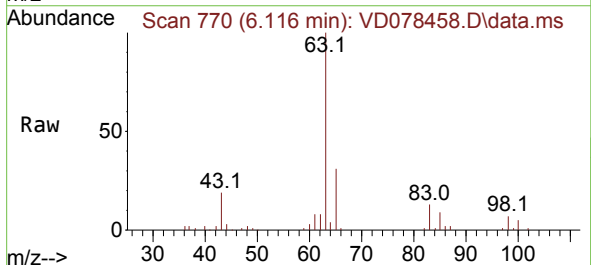
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

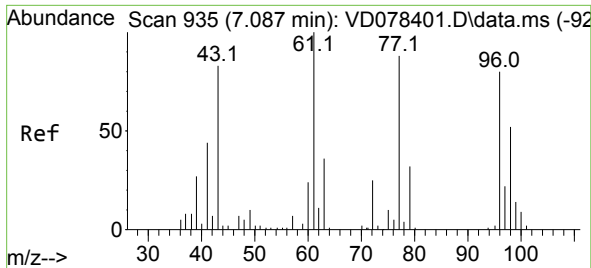
Tgt Ion: 43 Resp: 500552
 Ion Ratio Lower Upper
 43 100
 86 14.0 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 48.665 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD078458.D
 Acq: 19 Feb 2024 09:58

Tgt Ion: 63 Resp: 159659
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.5 13.7
 100 5.4 2.5 7.5

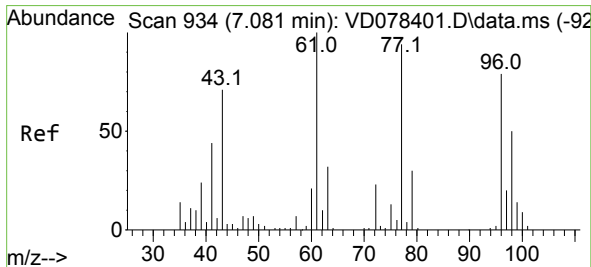
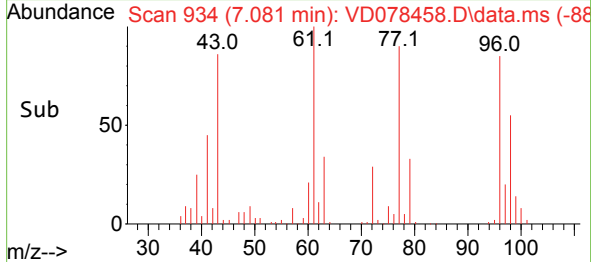
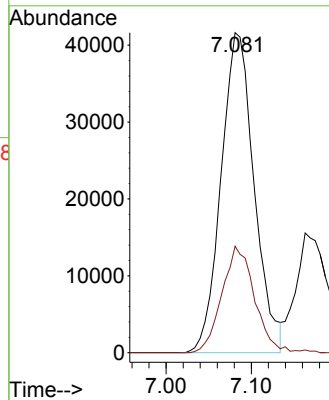
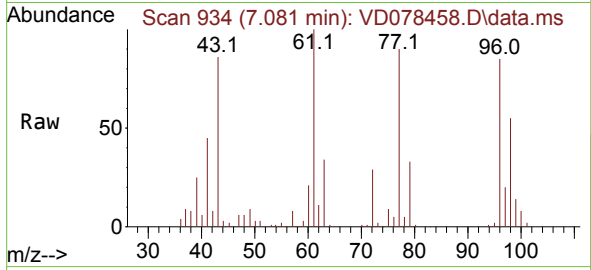




#25
2-Butanone
Concen: 263.599 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

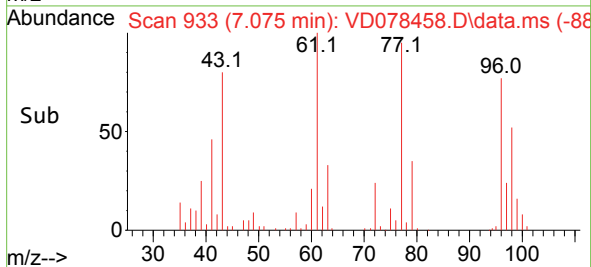
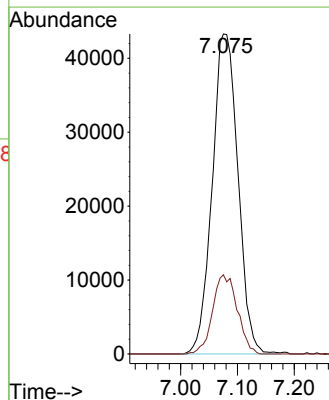
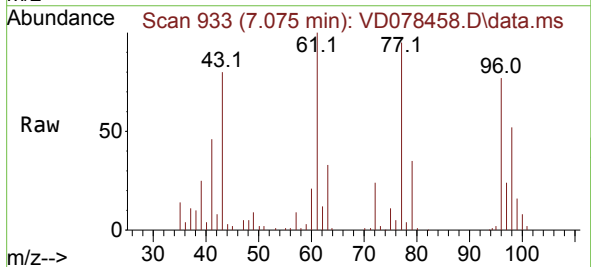
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

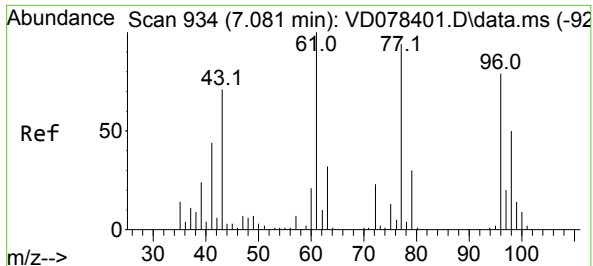
Tgt Ion: 43 Resp: 112303
Ion Ratio Lower Upper
43 100
72 33.2 30.7 46.1



#26
2,2-Dichloropropane
Concen: 49.539 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Tgt Ion: 77 Resp: 136246
Ion Ratio Lower Upper
77 100
97 23.7 13.2 39.6

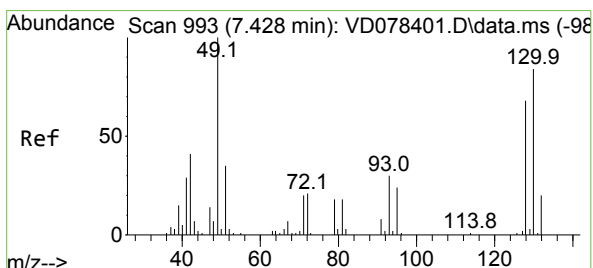
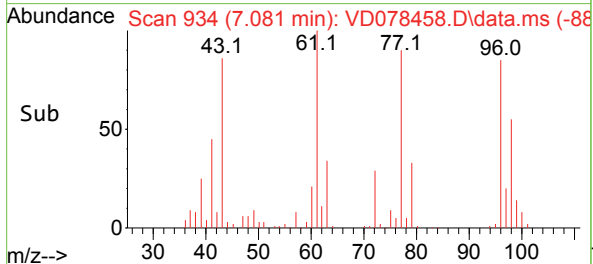
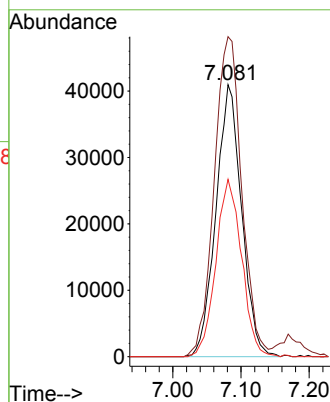
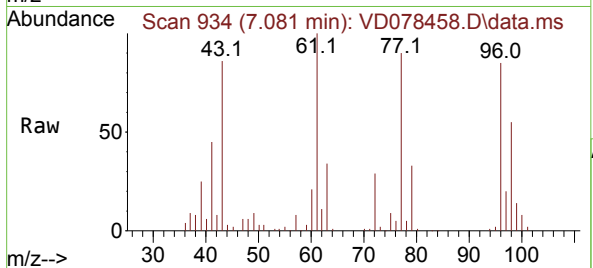




#27
cis-1,2-Dichloroethene
Concen: 48.897 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

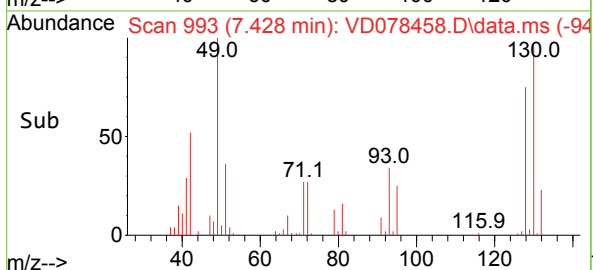
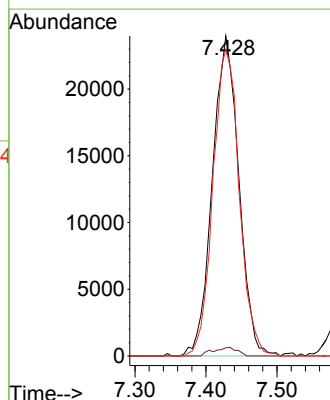
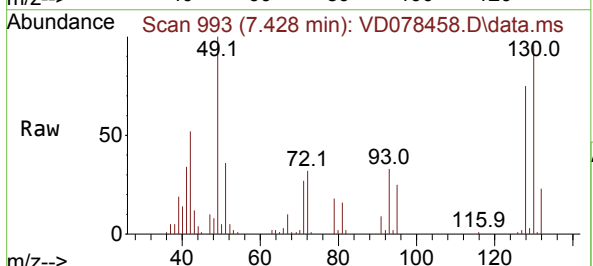
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

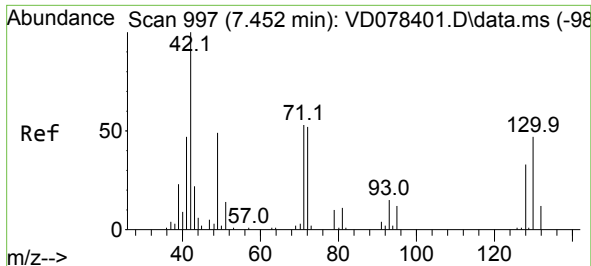
Tgt Ion: 96 Resp: 107343
Ion Ratio Lower Upper
96 100
61 126.1 0.0 239.2
98 65.3 0.0 128.6



#28
Bromochloromethane
Concen: 47.711 ug/l
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Tgt Ion: 49 Resp: 61997
Ion Ratio Lower Upper
49 100
129 2.4 0.0 6.0
130 95.2 83.2 124.8





#29

Tetrahydrofuran

Concen: 235.188 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

Lab File: VD078458.D

Acq: 19 Feb 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

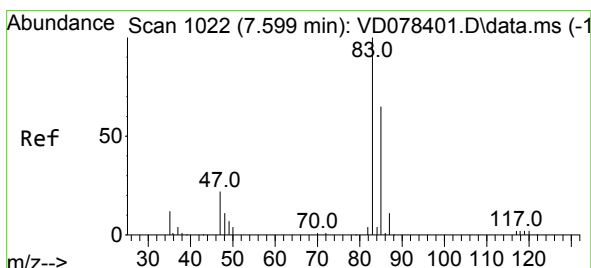
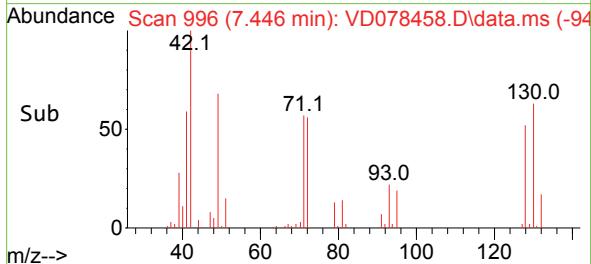
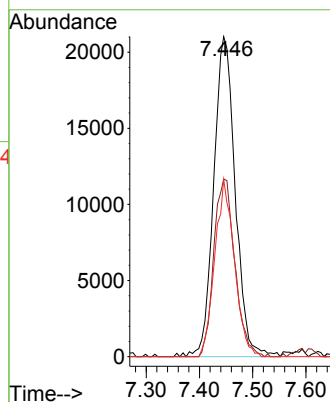
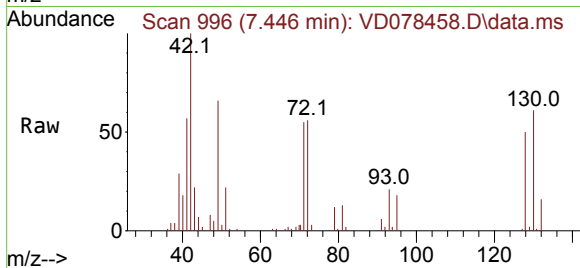
Tgt Ion: 42 Resp: 59005

Ion Ratio Lower Upper

42 100

72 54.4 46.5 69.7

71 50.5 44.5 66.7



#30

Chloroform

Concen: 48.498 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD078458.D

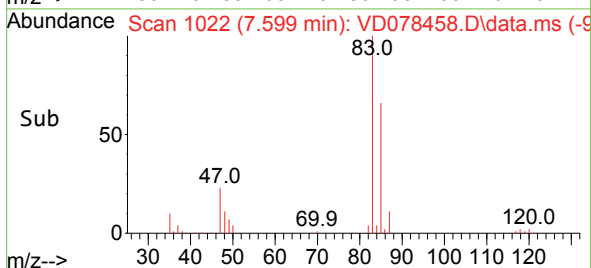
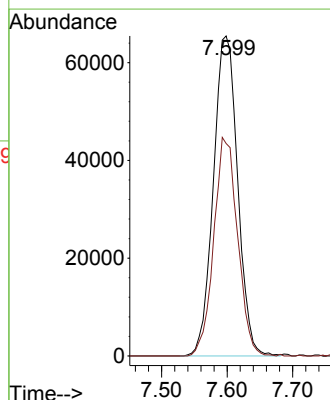
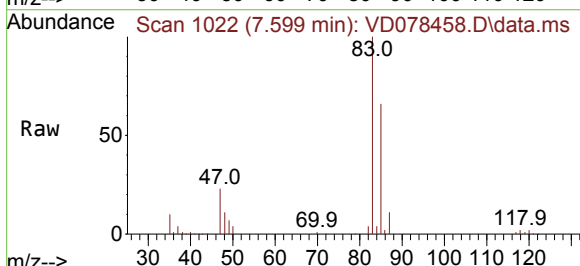
Acq: 19 Feb 2024 09:58

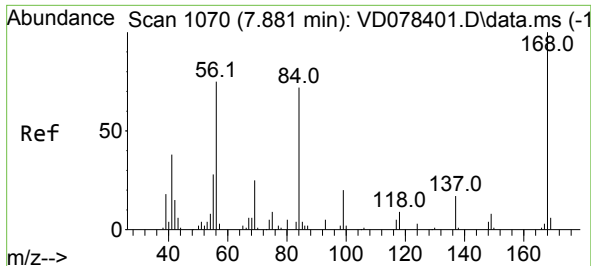
Tgt Ion: 83 Resp: 168344

Ion Ratio Lower Upper

83 100

85 66.4 53.4 80.2

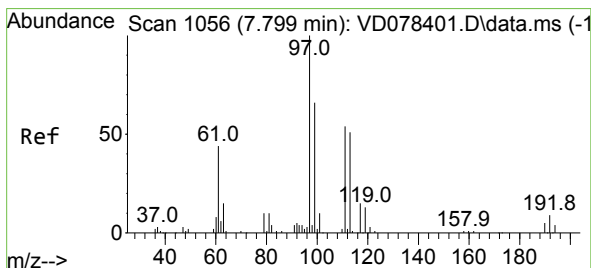
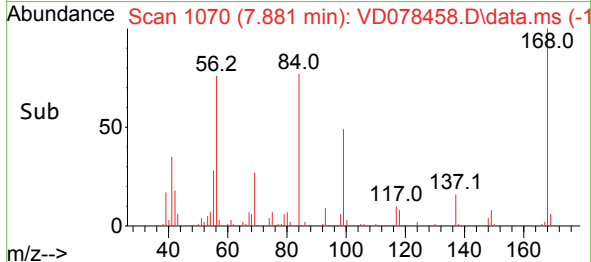
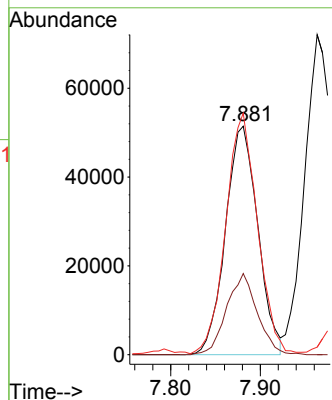
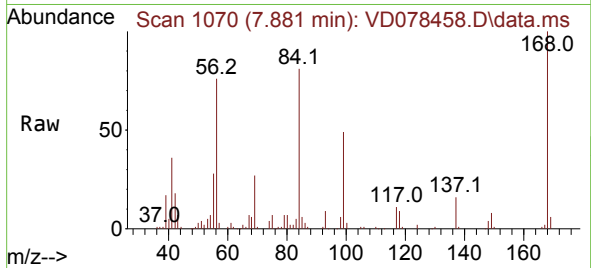




#31
Cyclohexane
Concen: 45.233 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

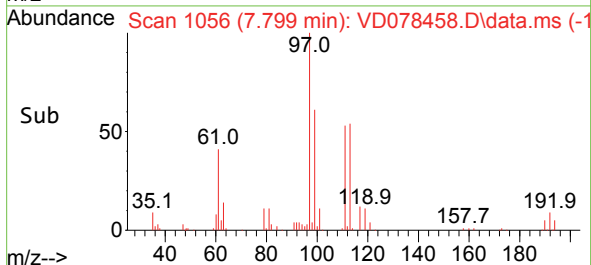
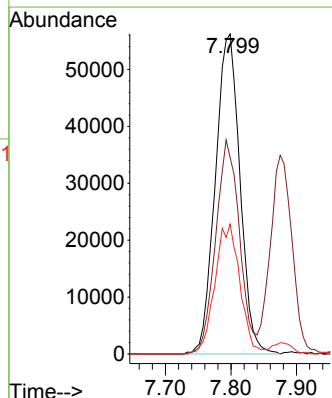
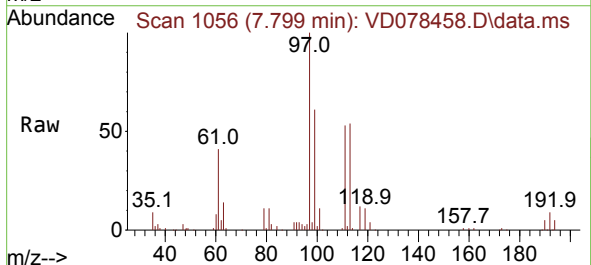
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

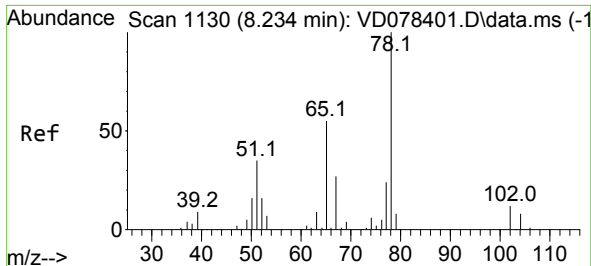
Tgt Ion: 56 Resp: 129084
Ion Ratio Lower Upper
56 100
69 35.5 28.6 43.0
84 104.6 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 49.519 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Tgt Ion: 97 Resp: 146551
Ion Ratio Lower Upper
97 100
99 64.9 52.0 78.0
61 41.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 45.222 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078458.D

Acq: 19 Feb 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

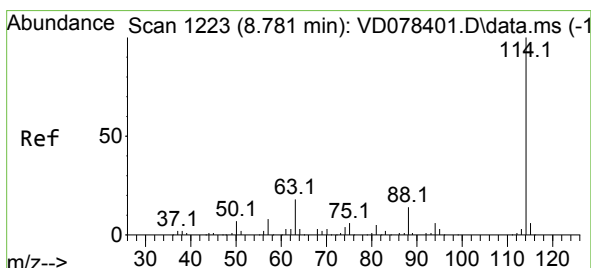
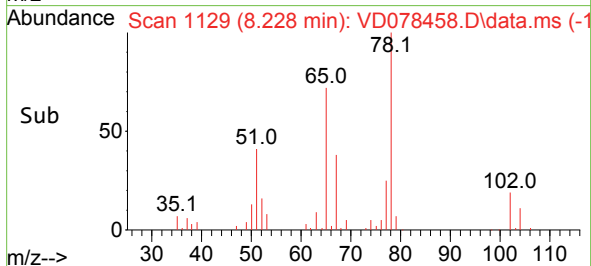
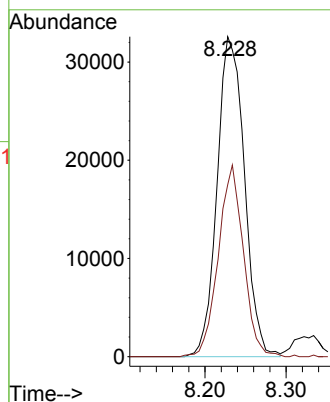
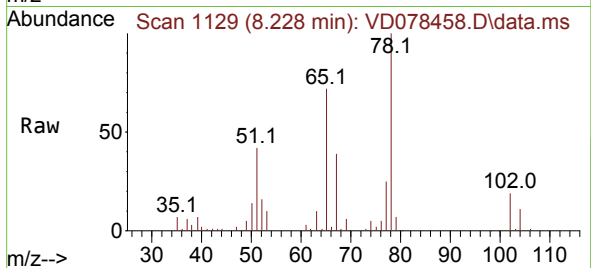
VSTDCCC050

Tgt Ion: 65 Resp: 76290

Ion Ratio Lower Upper

65 100

67 55.0 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD078458.D

Acq: 19 Feb 2024 09:58

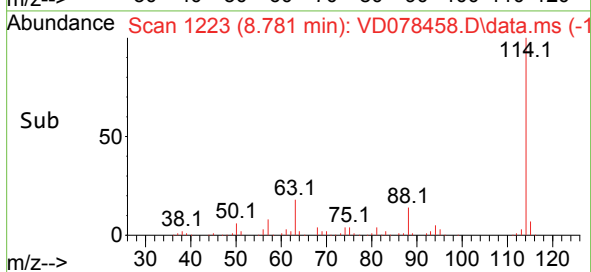
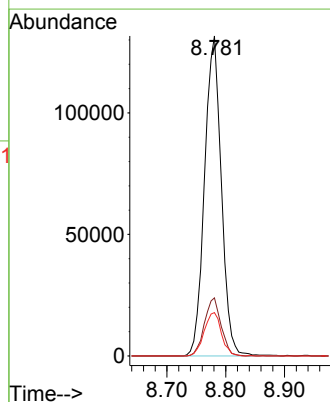
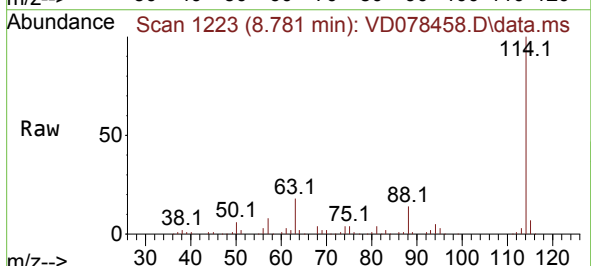
Tgt Ion:114 Resp: 260599

Ion Ratio Lower Upper

114 100

63 18.2 0.0 33.4

88 13.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 50.546 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078458.D

Acq: 19 Feb 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

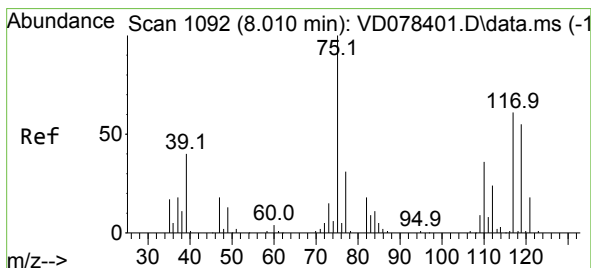
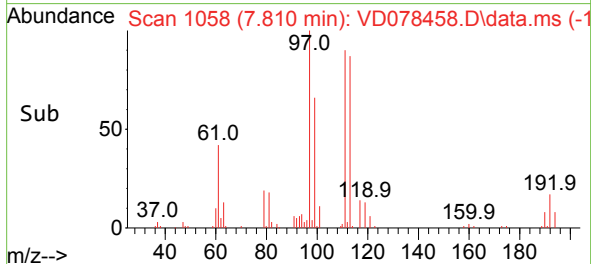
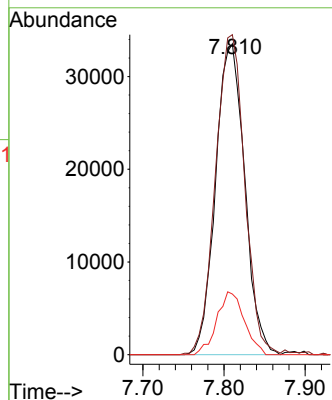
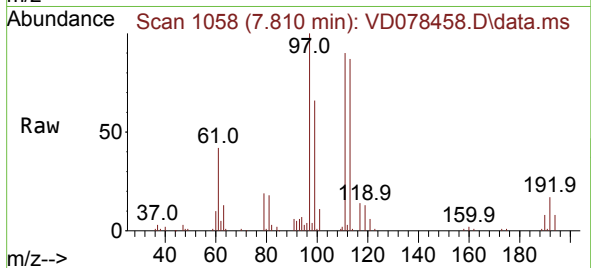
Tgt Ion:113 Resp: 83673

Ion Ratio Lower Upper

113 100

111 103.1 84.7 127.1

192 19.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 50.495 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD078458.D

Acq: 19 Feb 2024 09:58

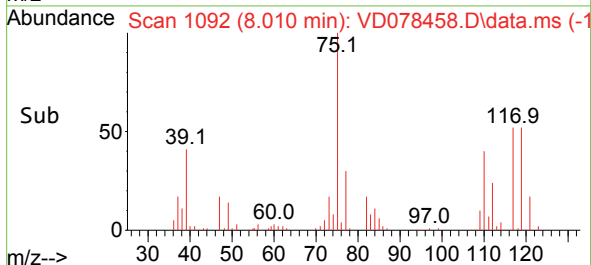
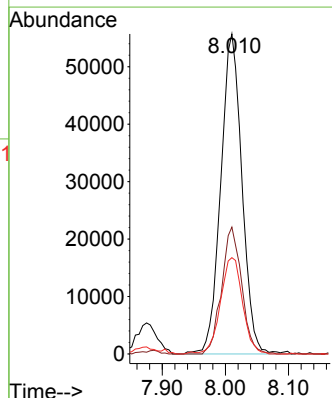
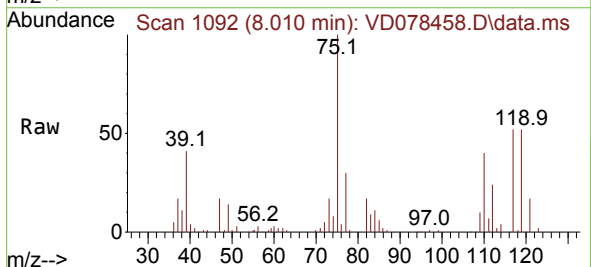
Tgt Ion: 75 Resp: 129853

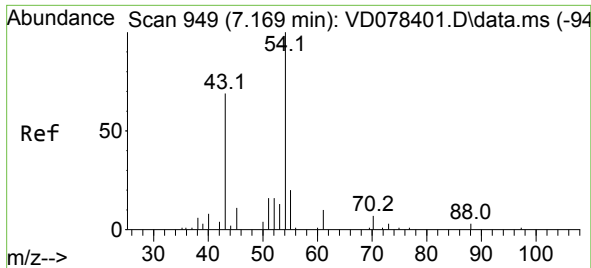
Ion Ratio Lower Upper

75 100

110 37.5 19.9 59.6

77 31.1 24.7 37.1



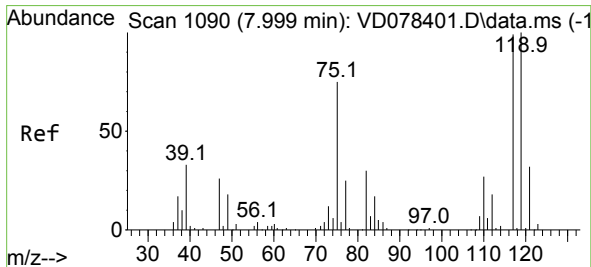
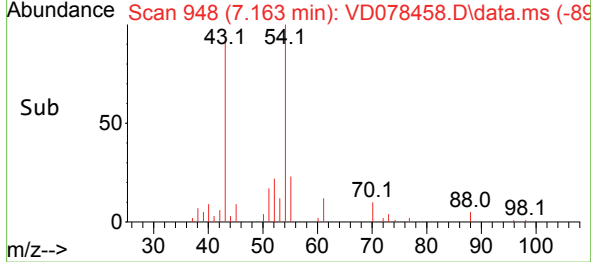
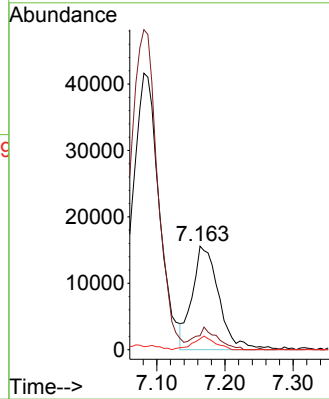
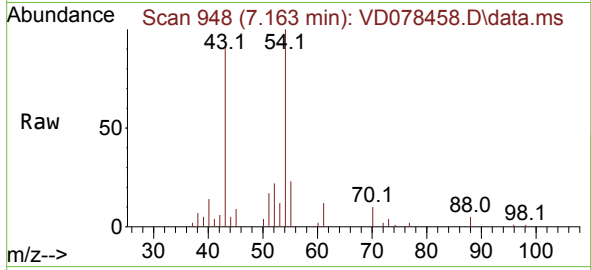


#37
Ethyl Acetate
Concen: 46.976 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 42347

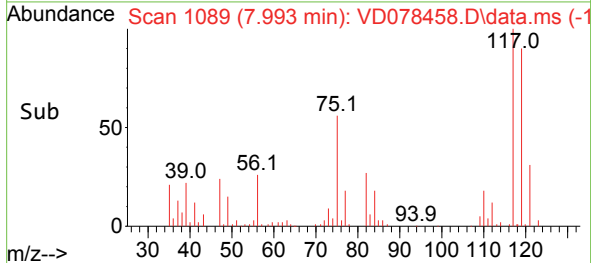
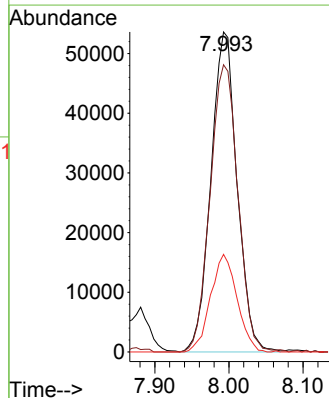
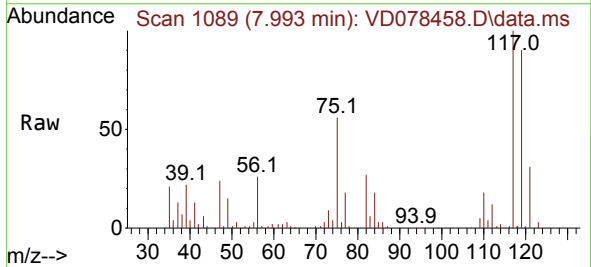
Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.9	22.3
70	10.5	10.0	15.0

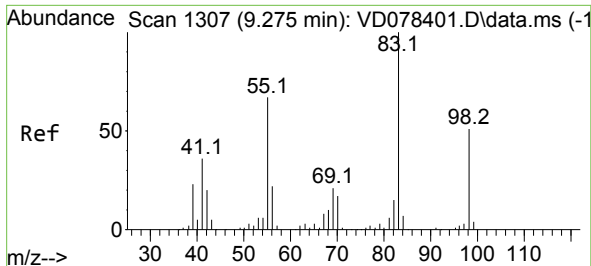


#38
Carbon Tetrachloride
Concen: 51.806 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Tgt Ion: 117 Resp: 131934

Ion	Ratio	Lower	Upper
117	100		
119	89.8	78.0	117.0
121	30.5	24.2	36.2





#39

Methylcyclohexane

Concen: 52.495 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD078458.D

Acq: 19 Feb 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

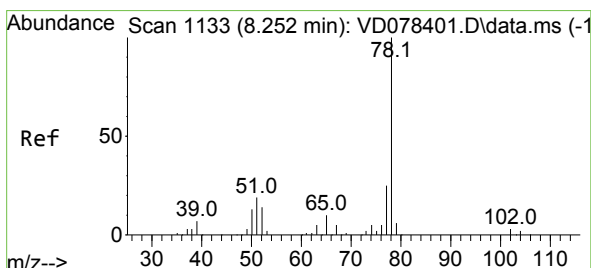
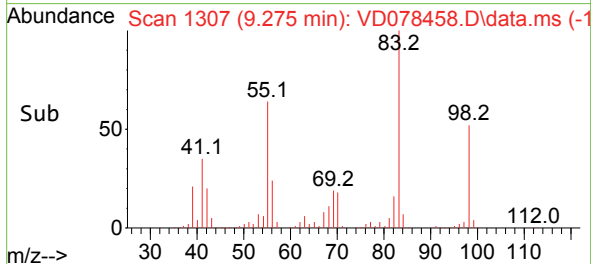
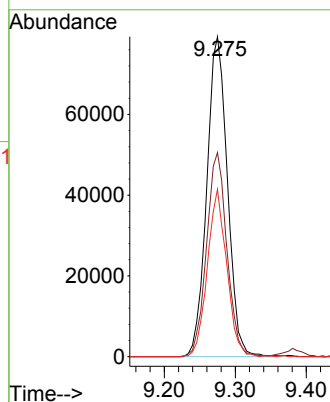
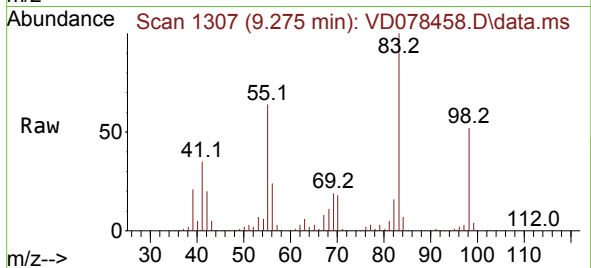
Tgt Ion: 83 Resp: 160262

Ion Ratio Lower Upper

83 100

55 63.8 49.4 74.0

98 52.3 38.4 57.6



#40

Benzene

Concen: 52.040 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD078458.D

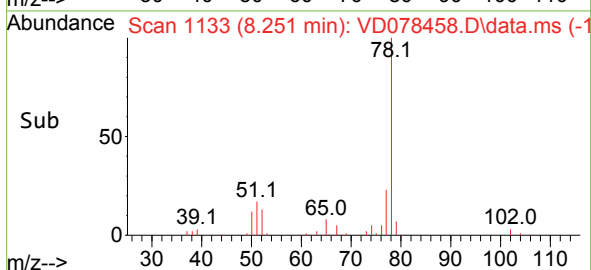
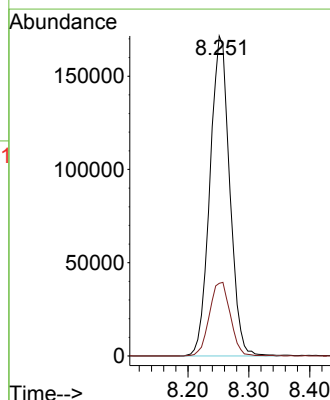
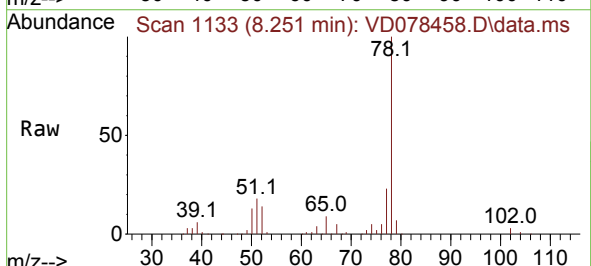
Acq: 19 Feb 2024 09:58

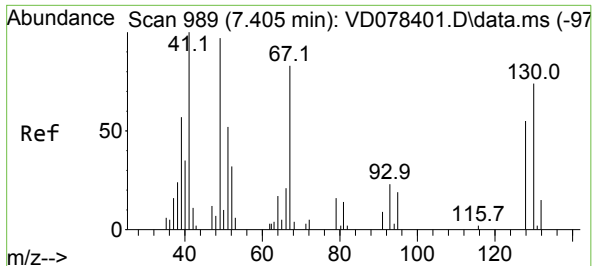
Tgt Ion: 78 Resp: 386817

Ion Ratio Lower Upper

78 100

77 22.7 19.4 29.0

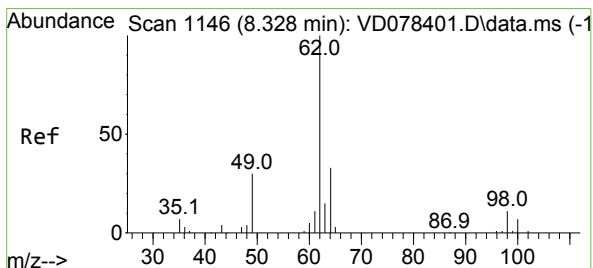
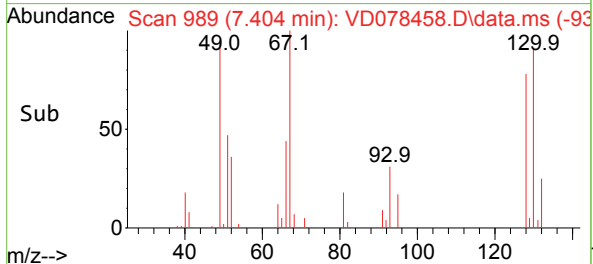
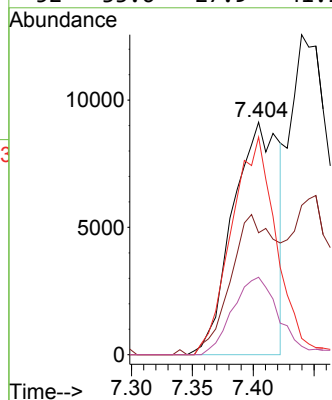
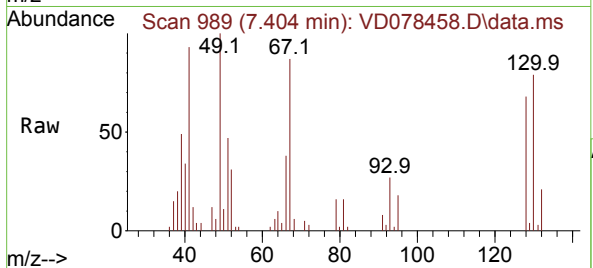




#41
Methacrylonitrile
Concen: 51.046 ug/l
RT: 7.404 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

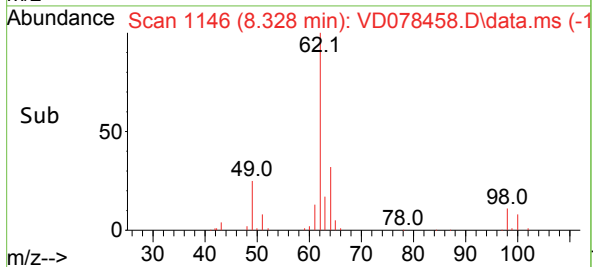
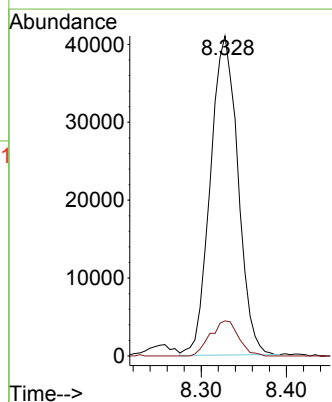
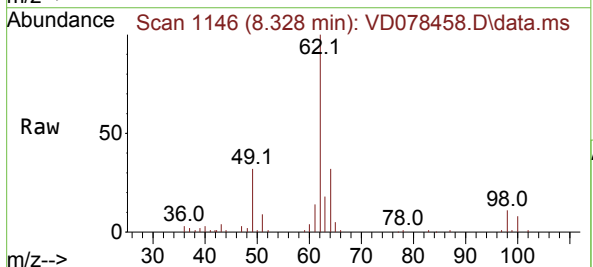
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

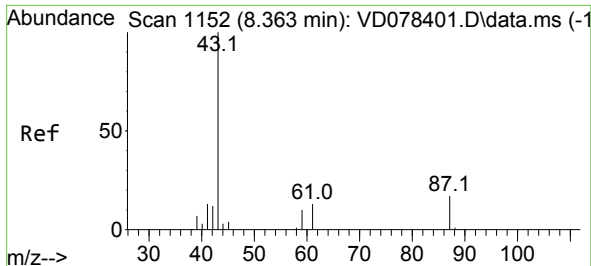
Tgt Ion: 41 Resp: 23948
Ion Ratio Lower Upper
41 100
39 59.2 34.0 51.0#
67 91.7 77.0 115.4
52 33.6 27.9 41.9



#42
1,2-Dichloroethane
Concen: 47.923 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Tgt Ion: 62 Resp: 92170
Ion Ratio Lower Upper
62 100
98 11.3 0.0 25.4

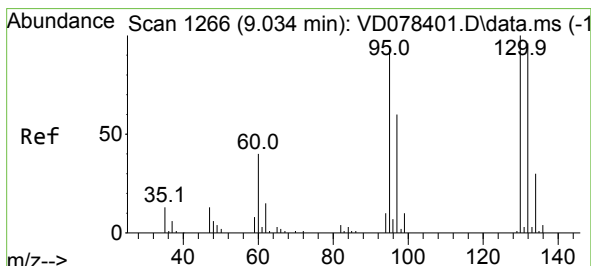
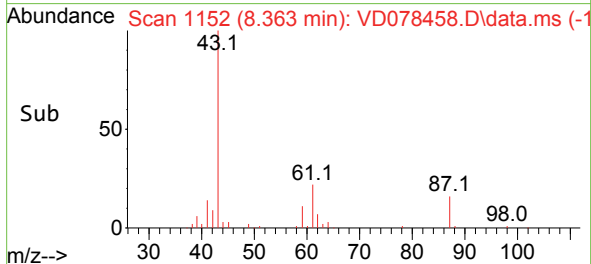
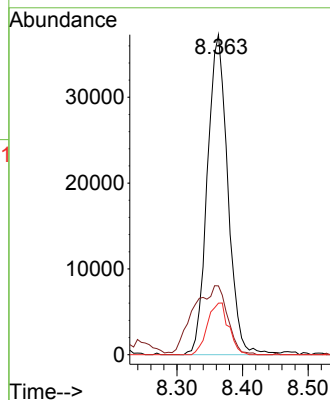
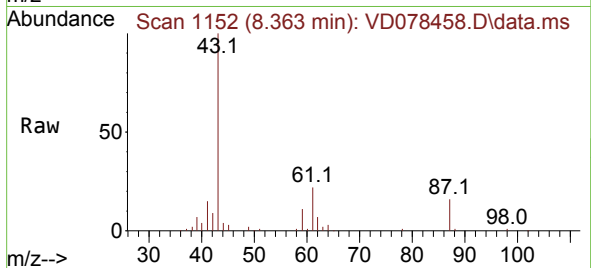




#43
Isopropyl Acetate
Concen: 48.422 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

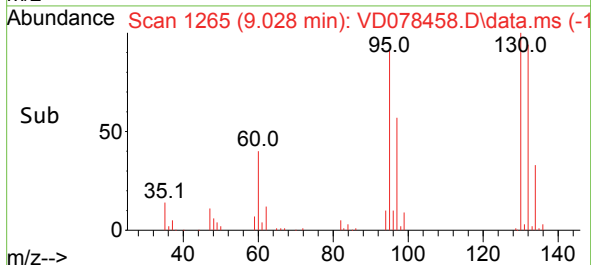
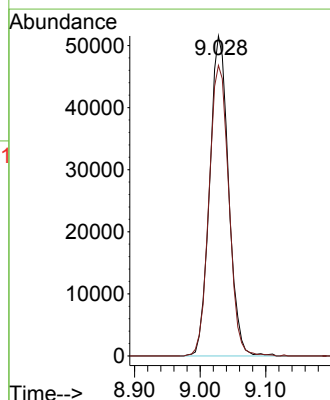
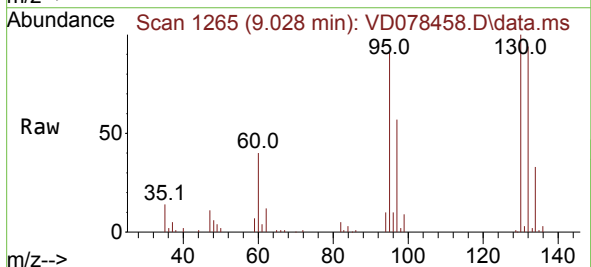
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

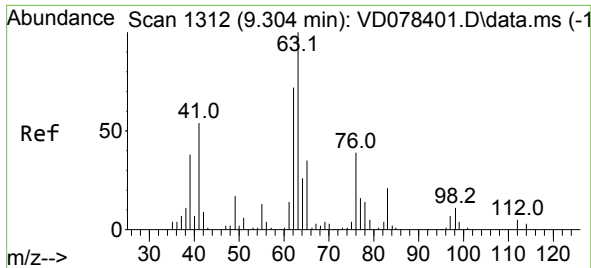
Tgt Ion: 43 Resp: 80830
Ion Ratio Lower Upper
43 100
61 35.6 31.4 47.0
87 16.7 14.9 22.3



#44
Trichloroethene
Concen: 54.381 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Tgt Ion:130 Resp: 103123
Ion Ratio Lower Upper
130 100
95 90.8 0.0 179.2

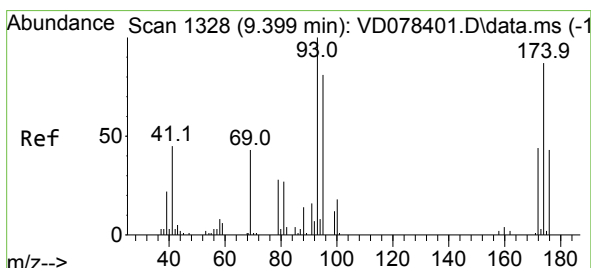
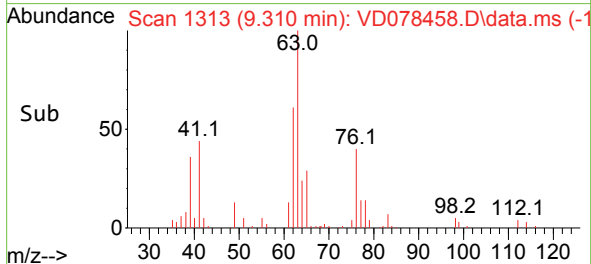
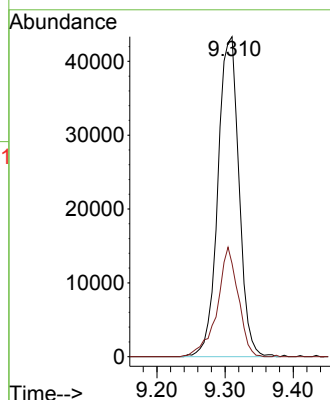
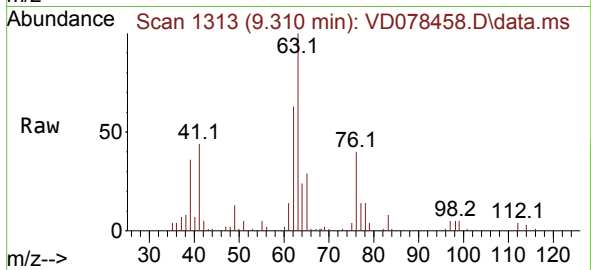




#45
1,2-Dichloropropane
Concen: 51.109 ug/l
RT: 9.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

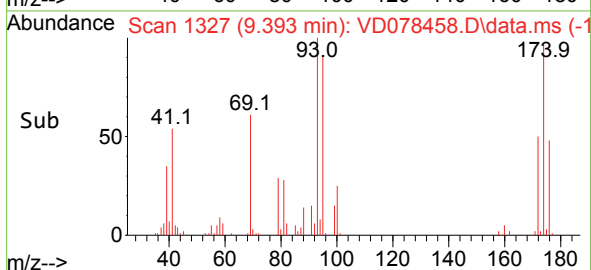
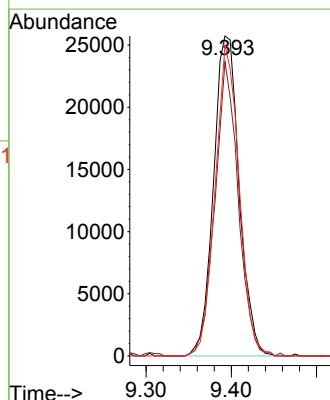
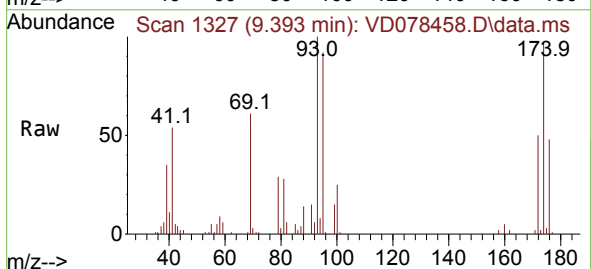
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

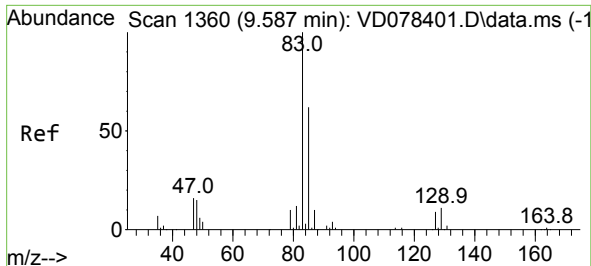
Tgt Ion: 63 Resp: 93209
Ion Ratio Lower Upper
63 100
65 29.1 24.5 36.7



#46
Dibromomethane
Concen: 52.429 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.006 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Tgt Ion: 93 Resp: 53781
Ion Ratio Lower Upper
93 100
95 84.0 67.7 101.5
174 91.2 85.4 128.2

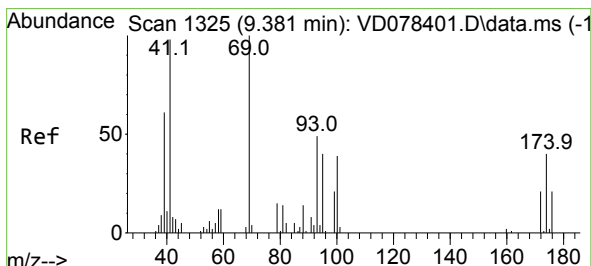
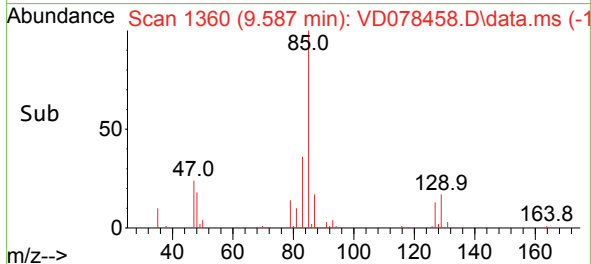
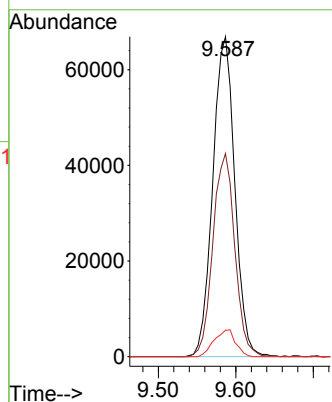
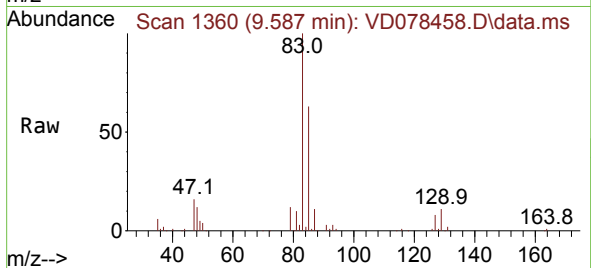




#47
Bromodichloromethane
Concen: 51.910 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

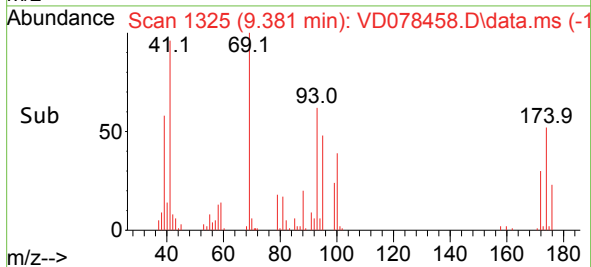
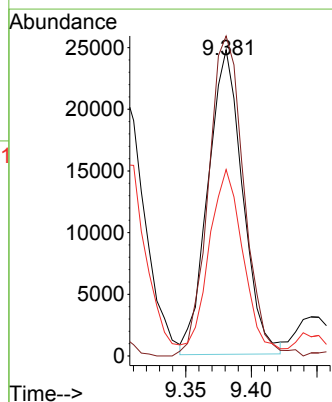
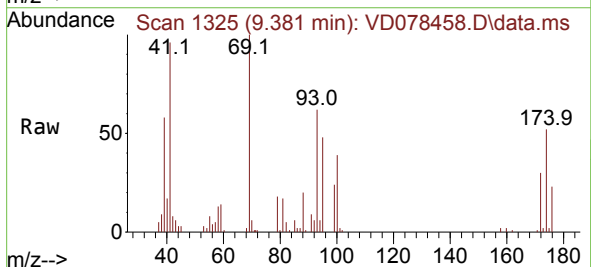
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

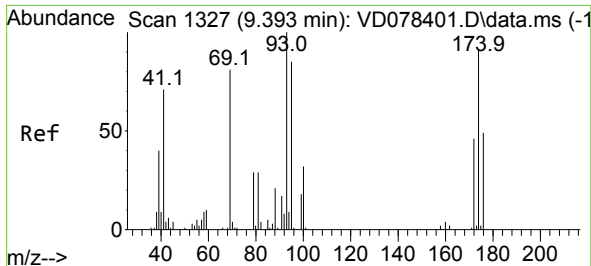
Tgt Ion: 83 Resp: 131889
Ion Ratio Lower Upper
83 100
85 63.5 50.2 75.4
127 8.3 6.3 9.5



#48
Methyl methacrylate
Concen: 51.325 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Tgt Ion: 41 Resp: 45454
Ion Ratio Lower Upper
41 100
69 107.3 102.2 153.2
39 56.3 41.4 62.2





#49

1,4-Dioxane

Concen: 1040.608 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078458.D

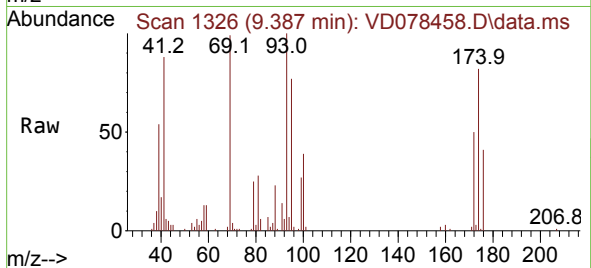
Acq: 19 Feb 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



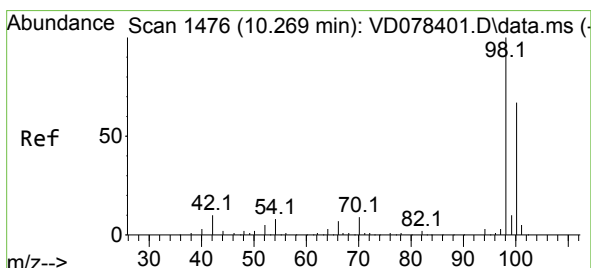
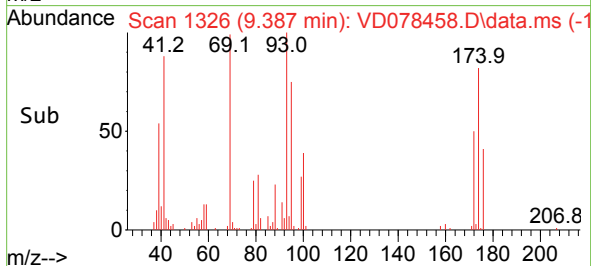
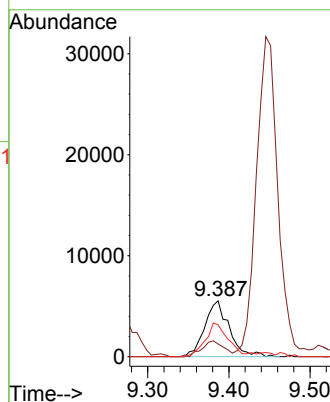
Tgt Ion: 88 Resp: 11560

Ion Ratio Lower Upper

88 100

43 25.6 19.0 28.6

58 56.0 43.5 65.3



#50

Toluene-d8

Concen: 49.648 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078458.D

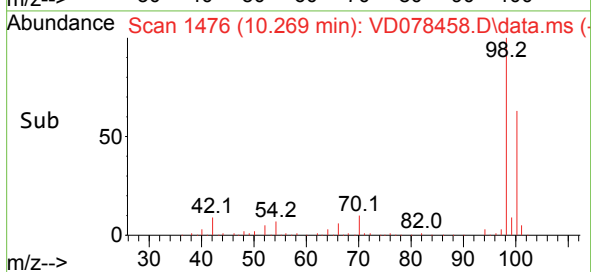
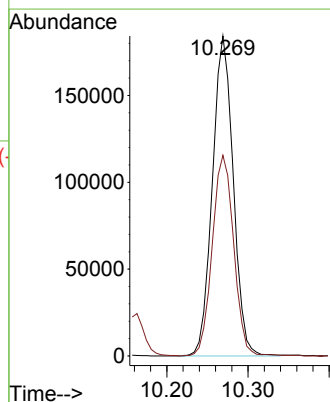
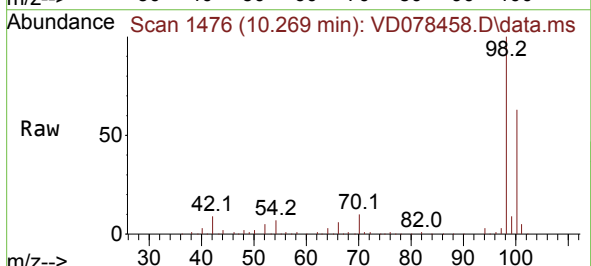
Acq: 19 Feb 2024 09:58

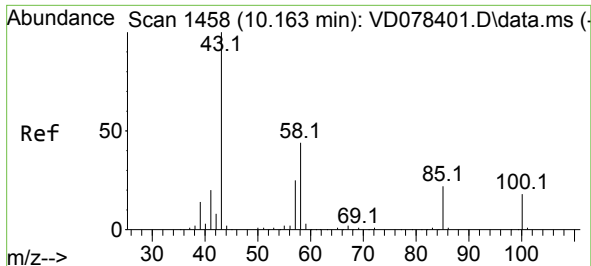
Tgt Ion: 98 Resp: 328762

Ion Ratio Lower Upper

98 100

100 64.7 50.3 75.5

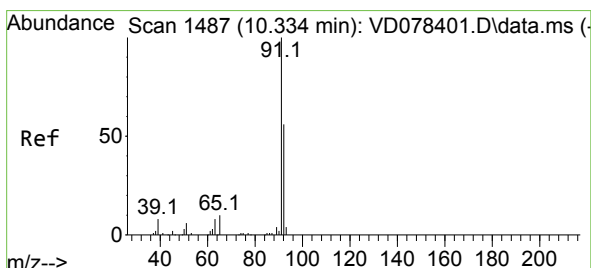
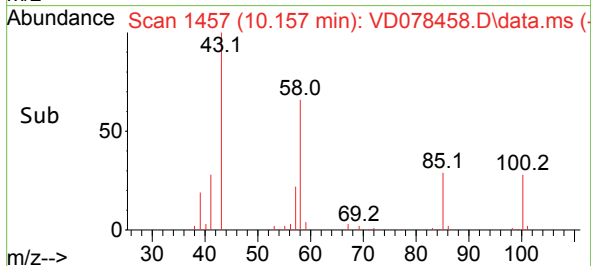
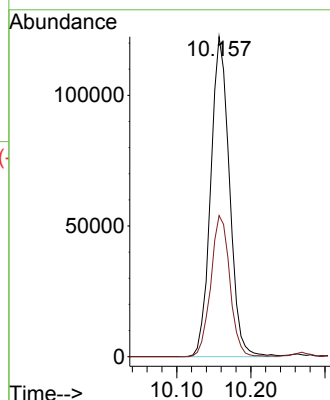
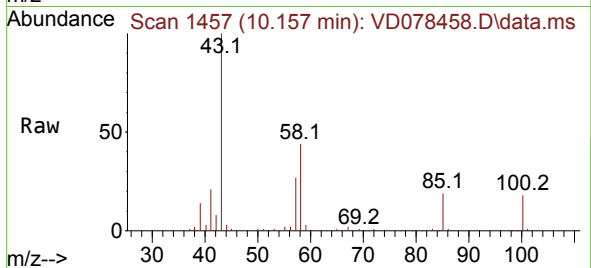




#51
4-Methyl-2-Pentanone
Concen: 243.092 ug/l
RT: 10.157 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

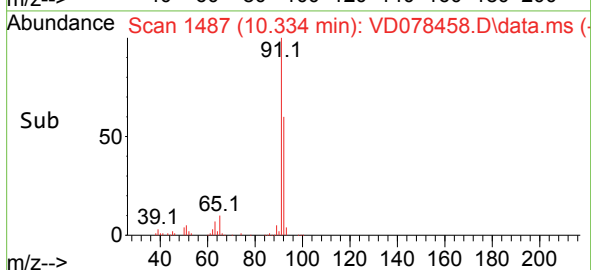
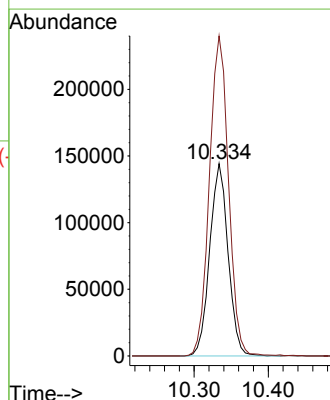
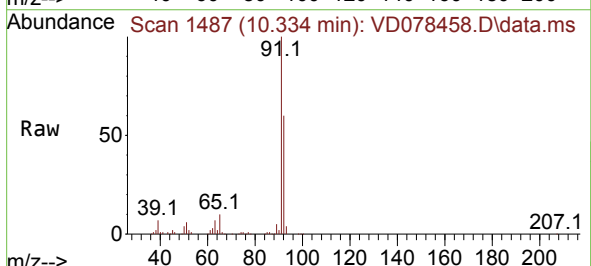
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

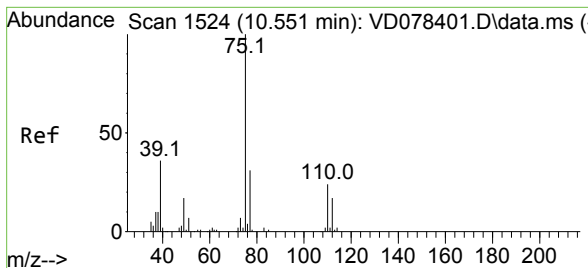
Tgt Ion: 43 Resp: 215371
Ion Ratio Lower Upper
43 100
58 44.6 38.9 58.3



#52
Toluene
Concen: 52.737 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Tgt Ion: 92 Resp: 247890
Ion Ratio Lower Upper
92 100
91 173.5 143.0 214.4

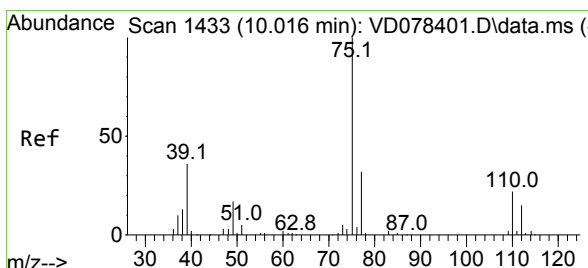
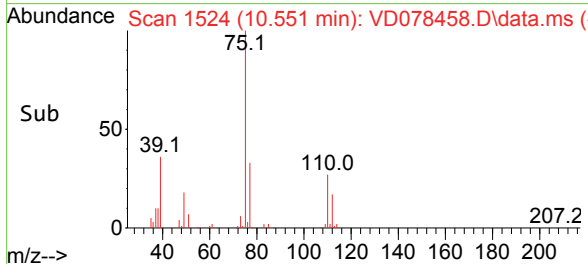
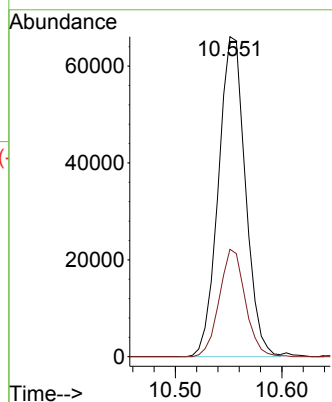
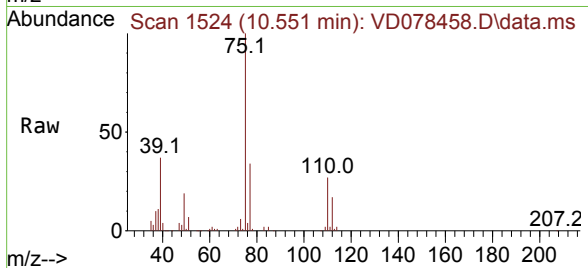




#53
 t-1,3-Dichloropropene
 Concen: 50.175 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD078458.D
 Acq: 19 Feb 2024 09:58

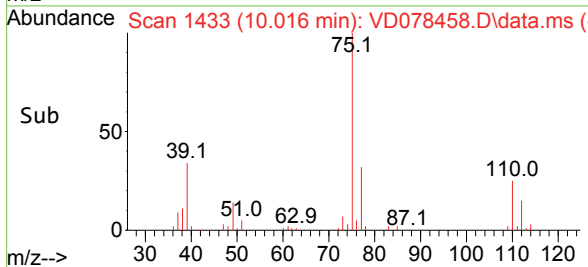
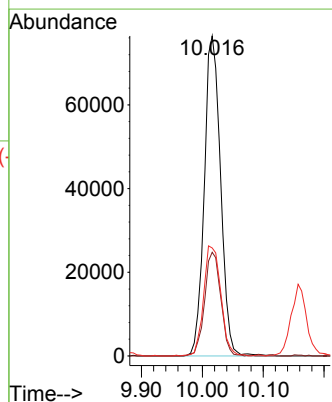
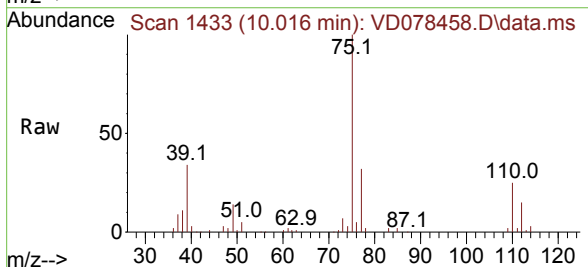
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

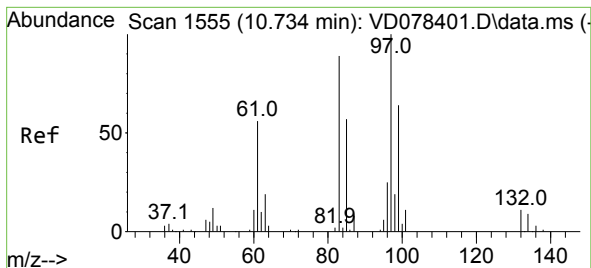
Tgt Ion: 75 Resp: 116321
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 50.709 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078458.D
 Acq: 19 Feb 2024 09:58

Tgt Ion: 75 Resp: 142551
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.5 38.3
 39 33.8 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 51.566 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078458.D

Acq: 19 Feb 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 71234

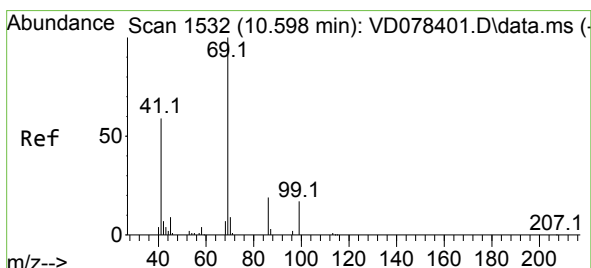
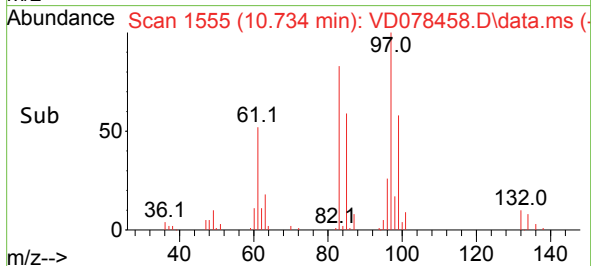
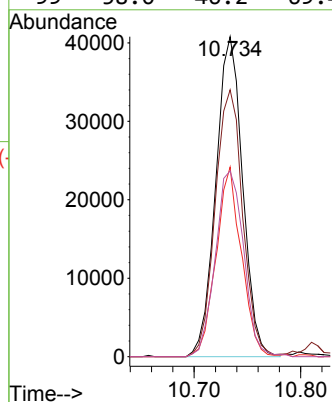
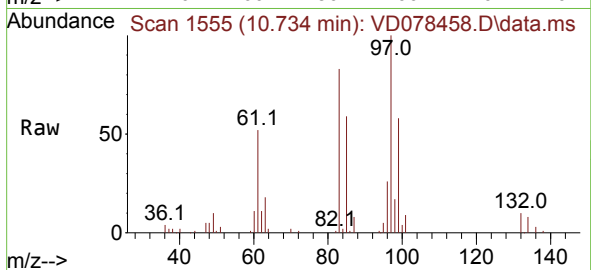
Ion Ratio Lower Upper

97 100

83 83.4 65.8 98.6

85 59.2 45.7 68.5

99 58.0 46.2 69.4



#56

Ethyl methacrylate

Concen: 44.249 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078458.D

Acq: 19 Feb 2024 09:58

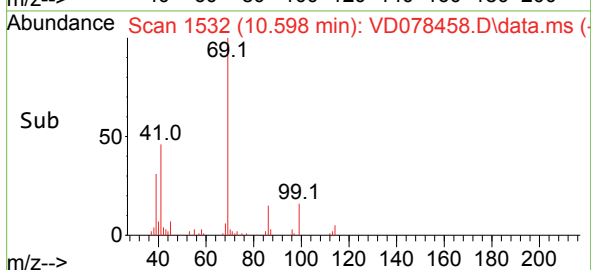
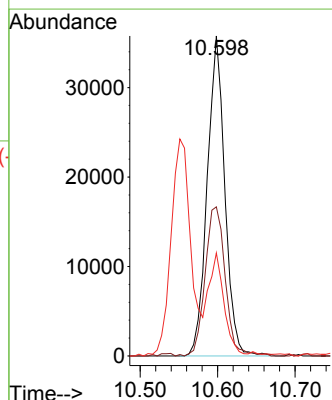
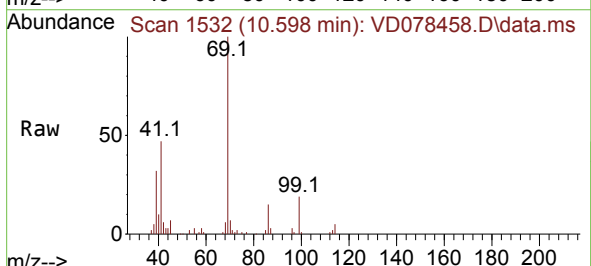
Tgt Ion: 69 Resp: 56533

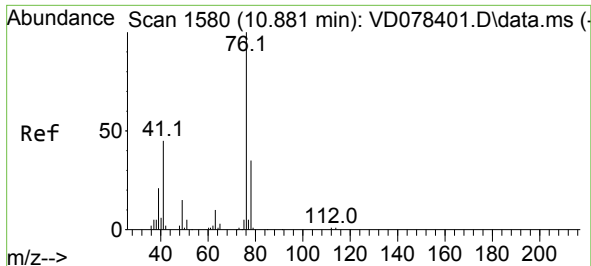
Ion Ratio Lower Upper

69 100

41 53.2 39.1 58.7

39 27.2 20.0 30.0





#57

1,3-Dichloropropane

Concen: 49.766 ug/l

RT: 10.875 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078458.D

Acq: 19 Feb 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

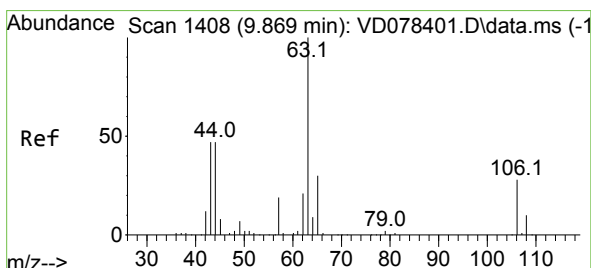
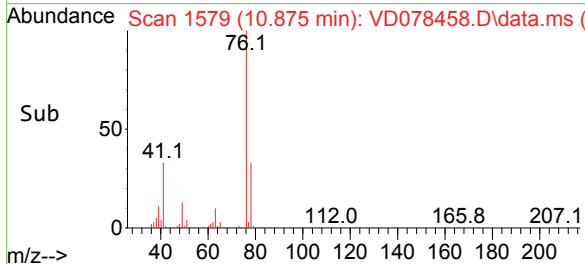
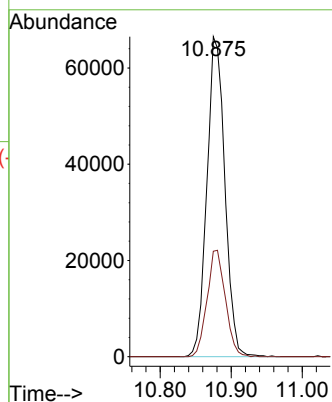
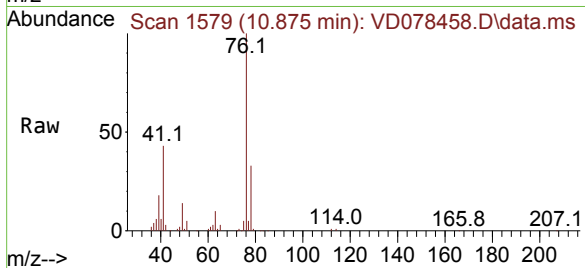
VSTDCCC050

Tgt Ion: 76 Resp: 116945

Ion Ratio Lower Upper

76 100

78 33.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 208.324 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078458.D

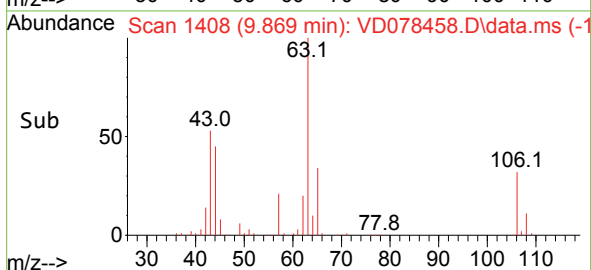
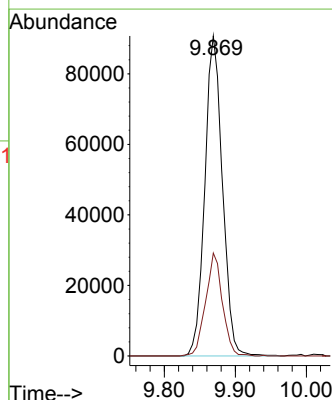
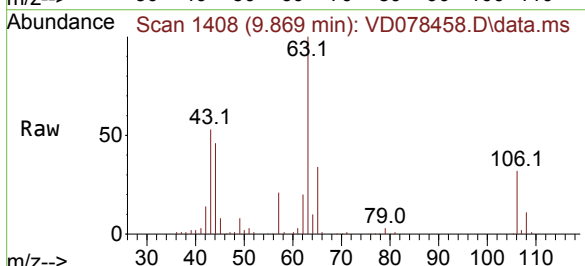
Acq: 19 Feb 2024 09:58

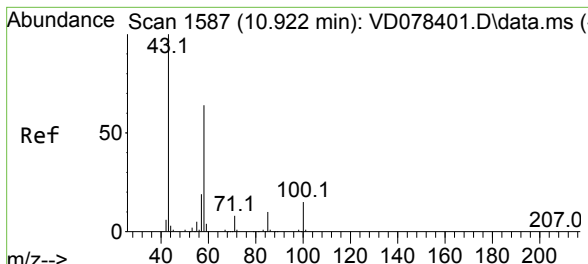
Tgt Ion: 63 Resp: 156778

Ion Ratio Lower Upper

63 100

106 30.6 25.3 37.9

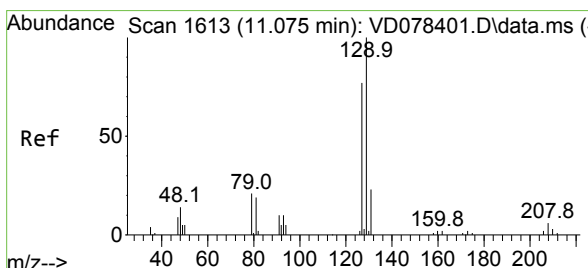
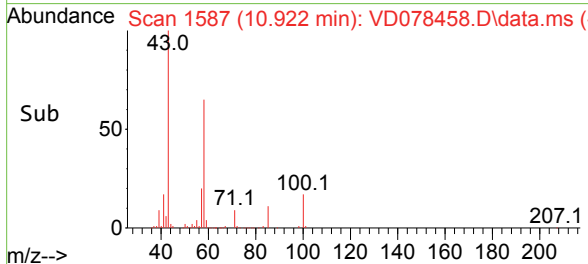
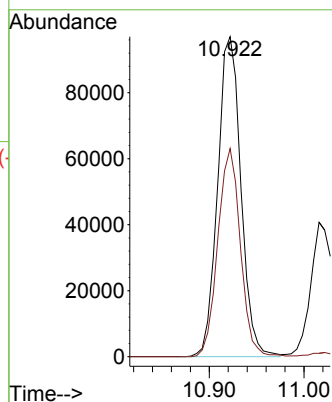
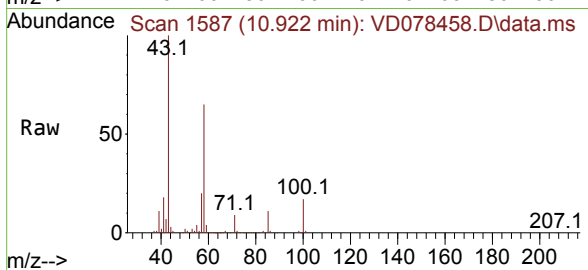




#59
 2-Hexanone
 Concen: 248.421 ug/l
 RT: 10.922 min Scan# 1587
 Delta R.T. -0.000 min
 Lab File: VD078458.D
 Acq: 19 Feb 2024 09:58

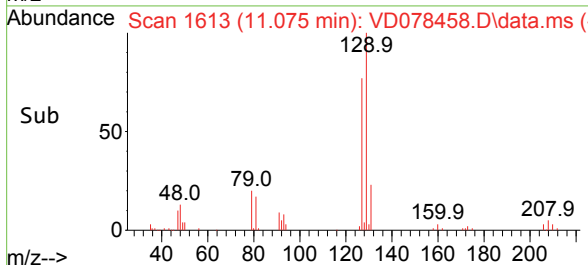
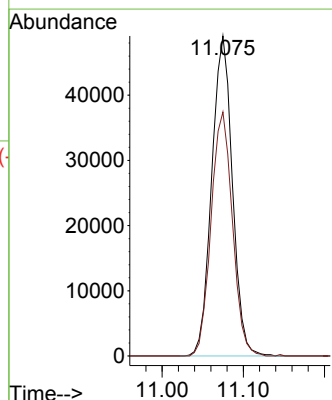
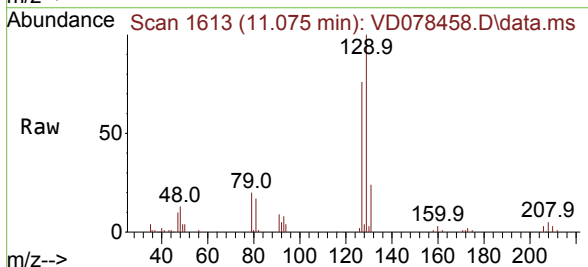
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

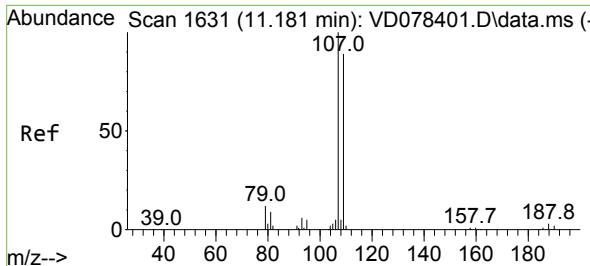
Tgt Ion: 43 Resp: 165402
 Ion Ratio Lower Upper
 43 100
 58 63.1 34.1 102.2



#60
 Dibromochloromethane
 Concen: 52.238 ug/l
 RT: 11.075 min Scan# 1613
 Delta R.T. -0.000 min
 Lab File: VD078458.D
 Acq: 19 Feb 2024 09:58

Tgt Ion: 129 Resp: 86825
 Ion Ratio Lower Upper
 129 100
 127 78.6 37.1 111.5

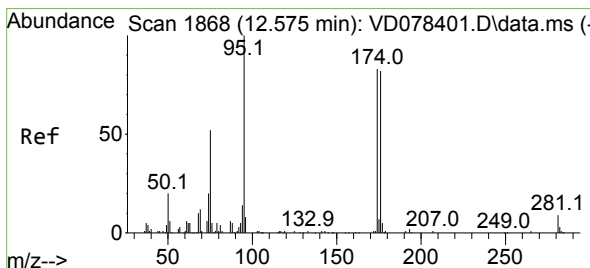
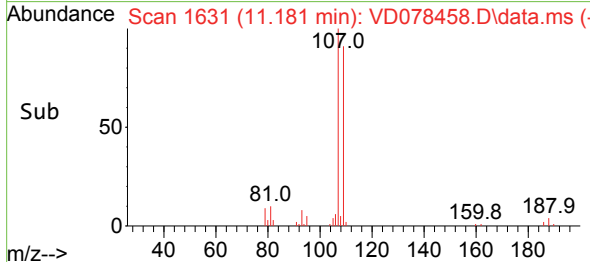
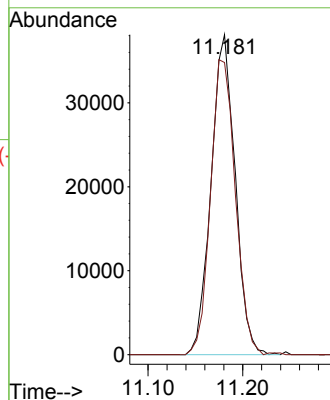
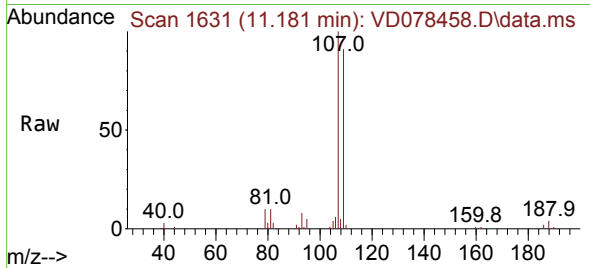




#61
1,2-Dibromoethane
Concen: 51.823 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

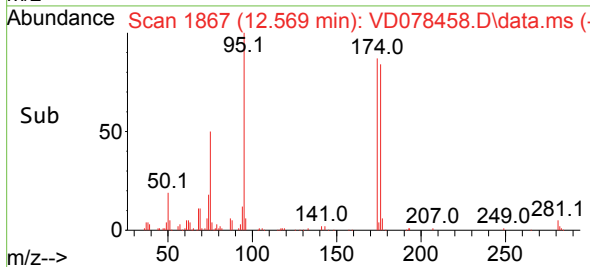
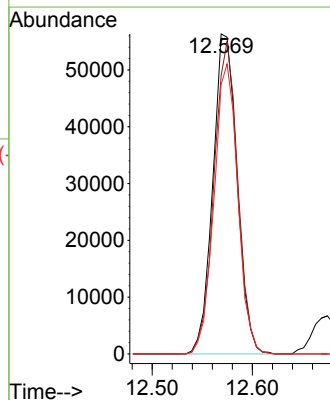
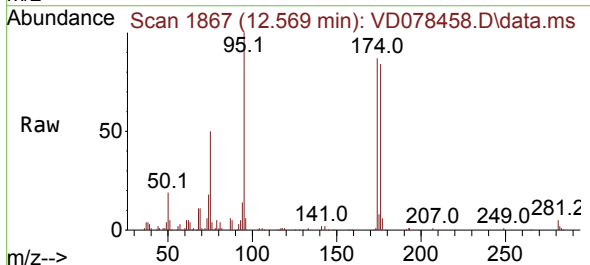
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

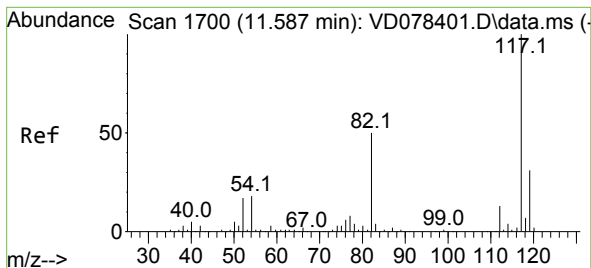
Tgt Ion:107 Resp: 67209
Ion Ratio Lower Upper
107 100
109 95.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.042 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Tgt Ion: 95 Resp: 94505
Ion Ratio Lower Upper
95 100
174 95.5 0.0 201.8
176 88.7 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078458.D

Acq: 19 Feb 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

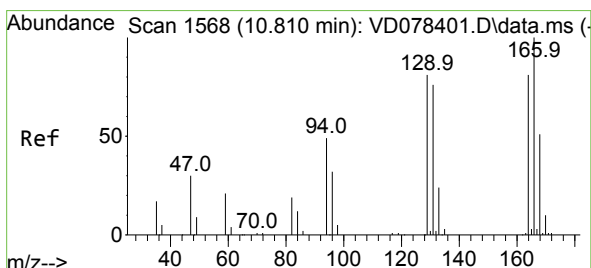
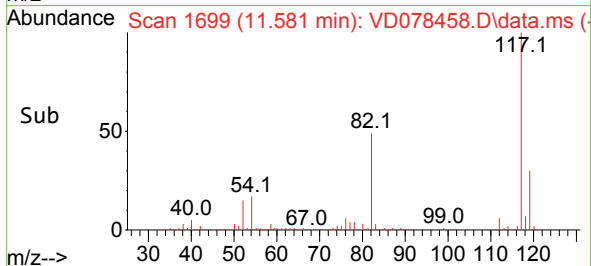
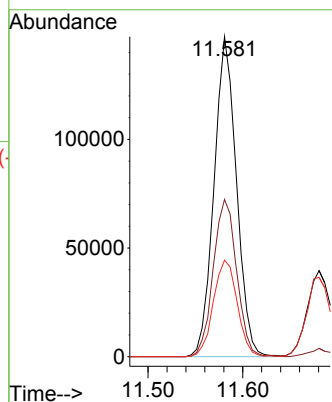
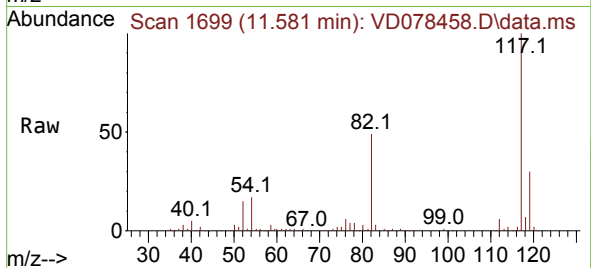
Tgt Ion:117 Resp: 242428

Ion Ratio Lower Upper

117 100

82 49.1 38.3 57.5

119 30.1 25.0 37.4



#64

Tetrachloroethene

Concen: 53.703 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078458.D

Acq: 19 Feb 2024 09:58

Tgt Ion:164 Resp: 82233

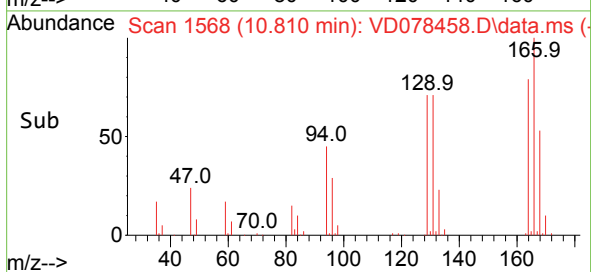
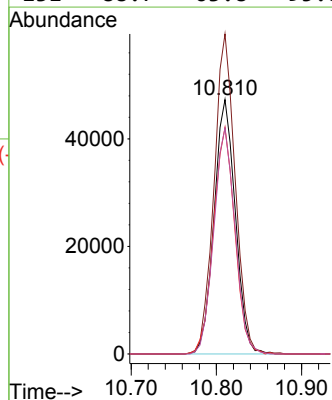
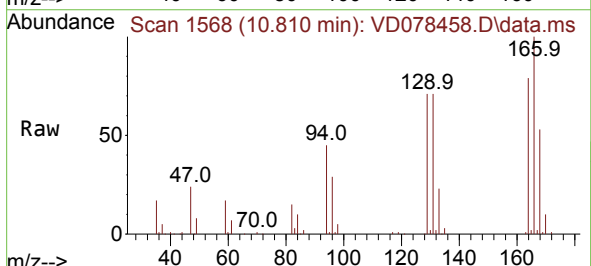
Ion Ratio Lower Upper

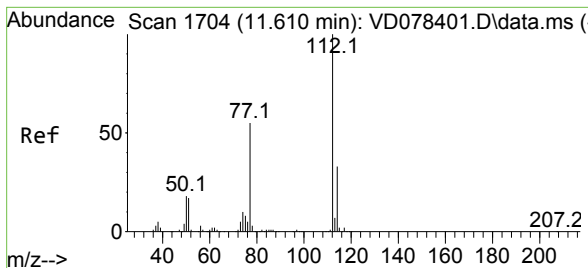
164 100

166 125.8 99.2 148.8

129 89.0 68.4 102.6

131 88.7 63.8 95.8





#65

Chlorobenzene

Concen: 54.055 ug/l

RT: 11.610 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078458.D

Acq: 19 Feb 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

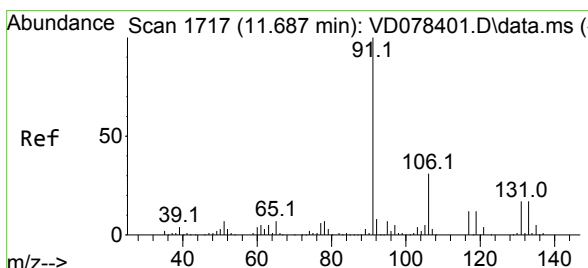
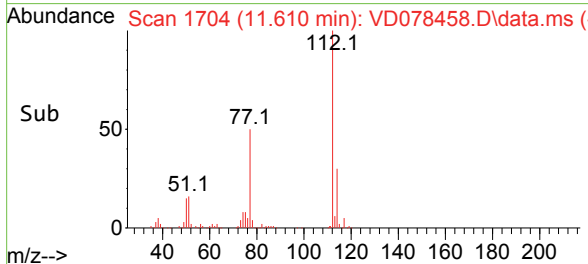
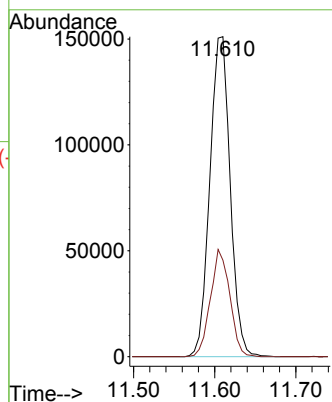
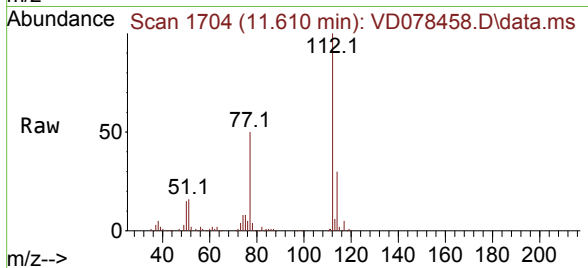
VSTDCCC050

Tgt Ion:112 Resp: 263449

Ion Ratio Lower Upper

112 100

114 30.1 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 53.445 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078458.D

Acq: 19 Feb 2024 09:58

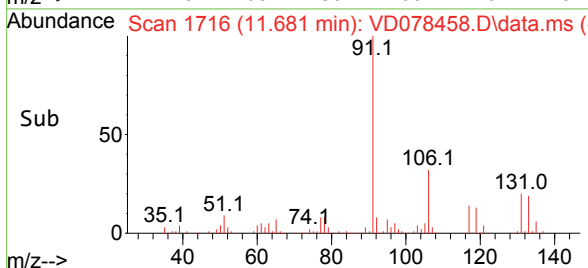
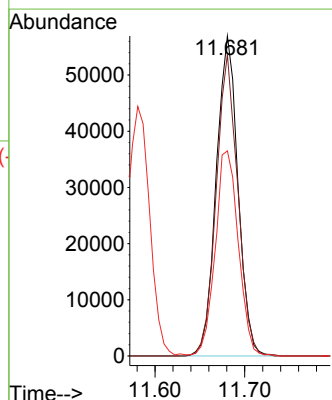
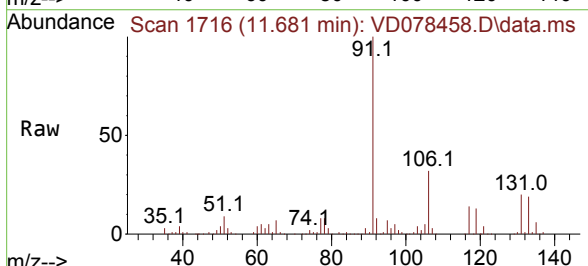
Tgt Ion:131 Resp: 95724

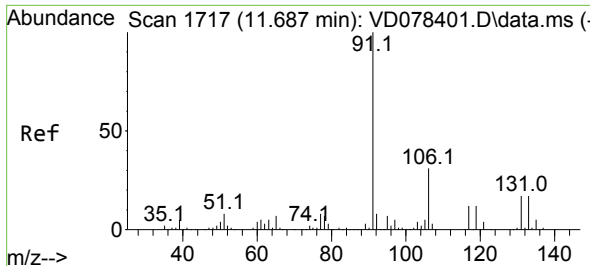
Ion Ratio Lower Upper

131 100

133 93.6 48.5 145.5

119 68.0 35.6 106.9





#67

Ethyl Benzene

Concen: 53.308 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078458.D

Acq: 19 Feb 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

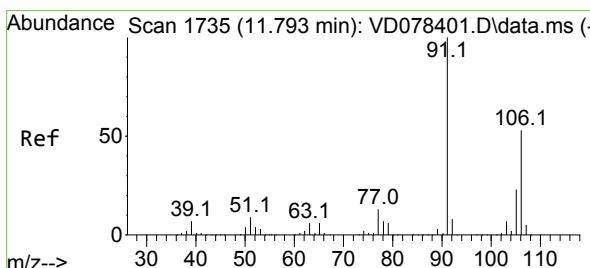
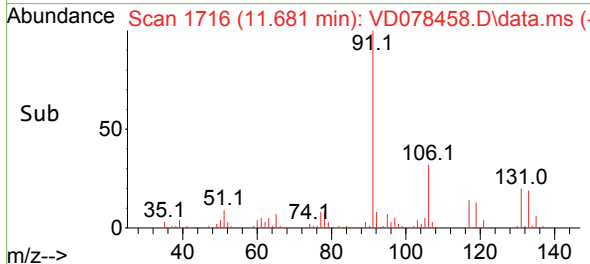
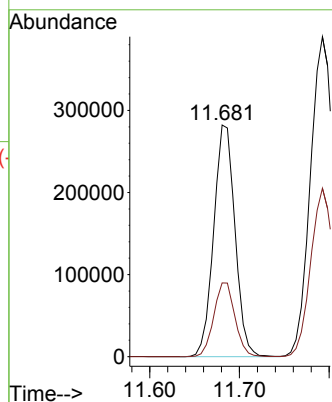
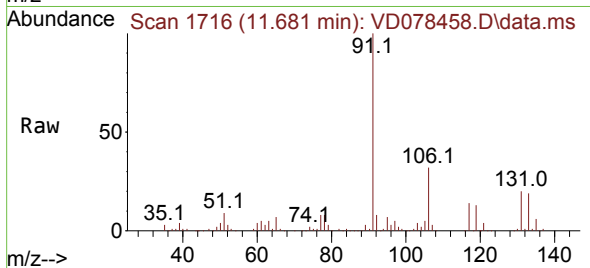
VSTDCCC050

Tgt Ion: 91 Resp: 465512

Ion Ratio Lower Upper

91 100

106 31.9 26.5 39.7



#68

m/p-Xylenes

Concen: 109.721 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD078458.D

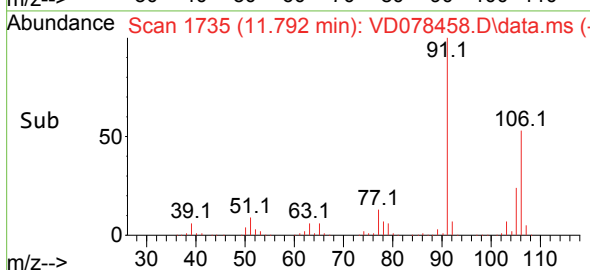
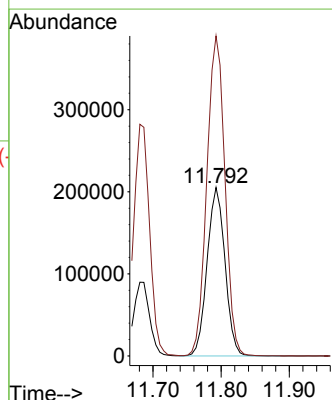
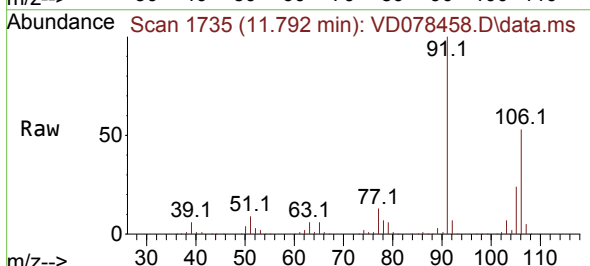
Acq: 19 Feb 2024 09:58

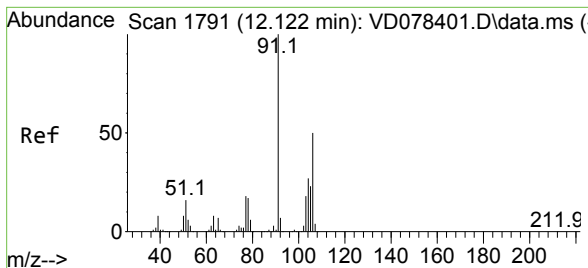
Tgt Ion:106 Resp: 373739

Ion Ratio Lower Upper

106 100

91 192.8 147.0 220.6

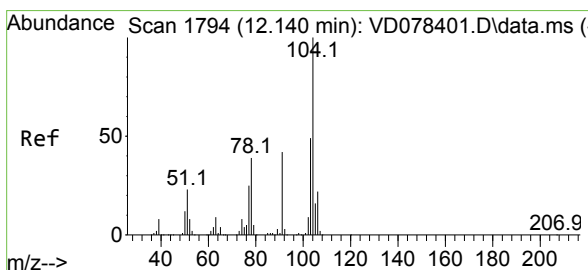
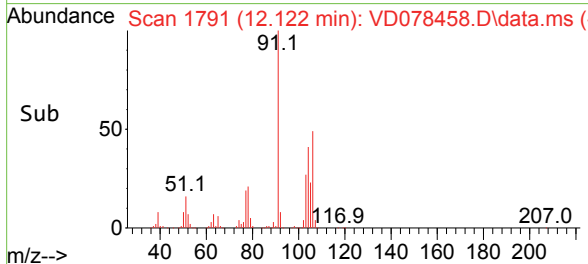
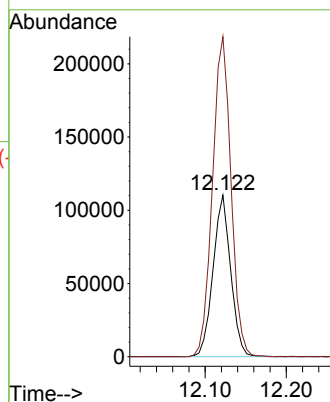
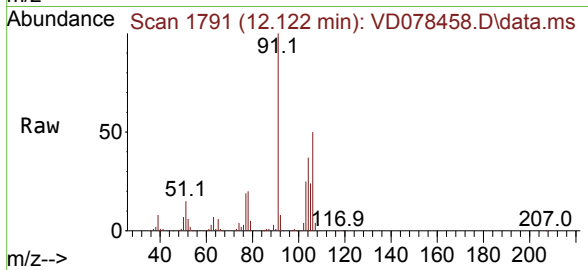




#69
o-Xylene
Concen: 53.472 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

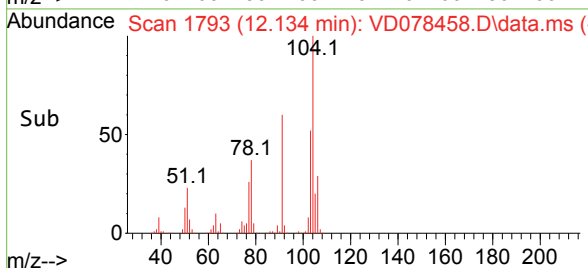
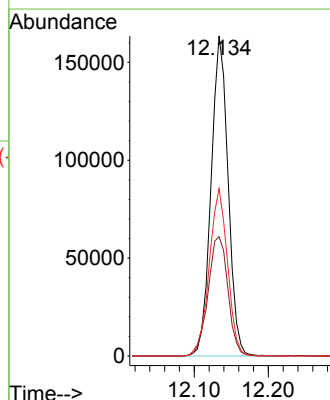
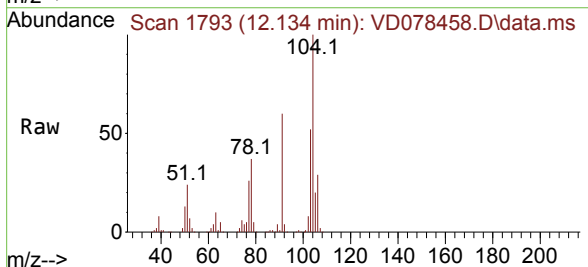
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

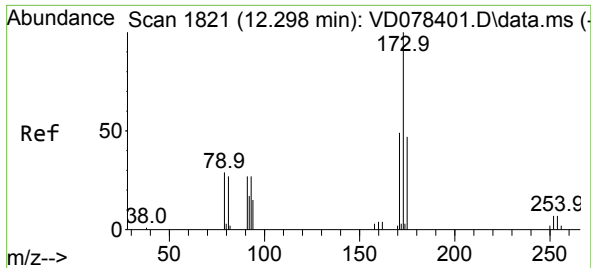
Tgt Ion:106 Resp: 166216
Ion Ratio Lower Upper
106 100
91 207.9 97.9 293.6



#70
Styrene
Concen: 51.419 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Tgt Ion:104 Resp: 260856
Ion Ratio Lower Upper
104 100
78 43.4 33.2 49.8
103 56.2 43.6 65.4

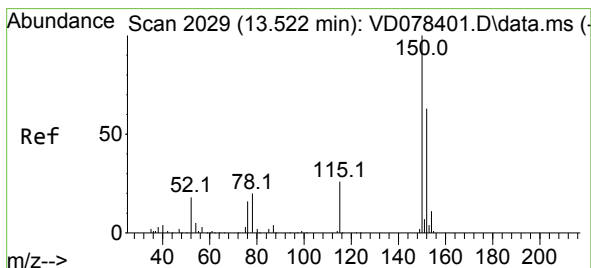
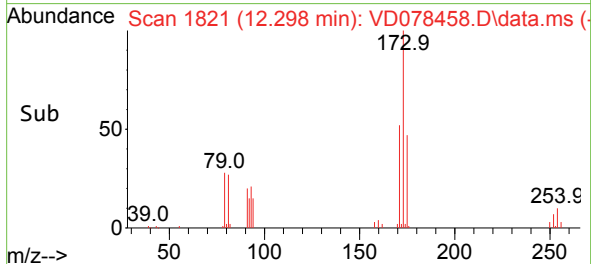
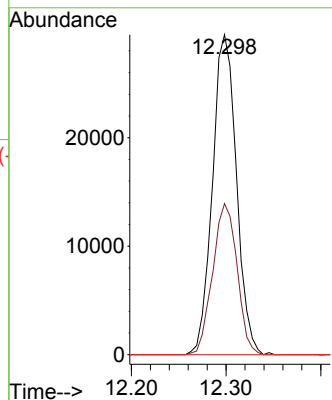
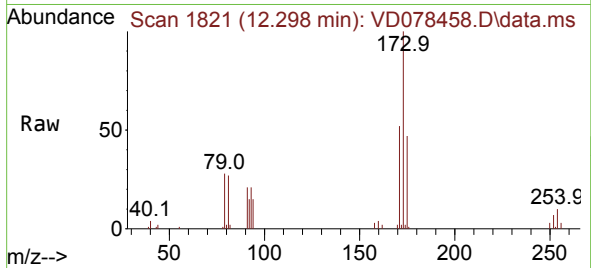




#71
Bromoform
Concen: 55.115 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

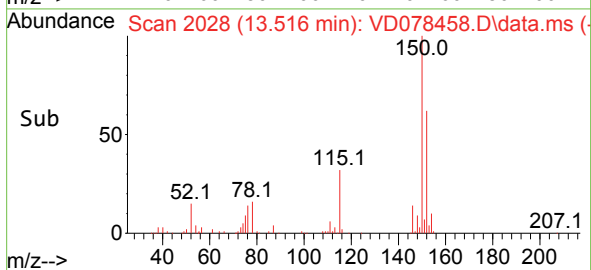
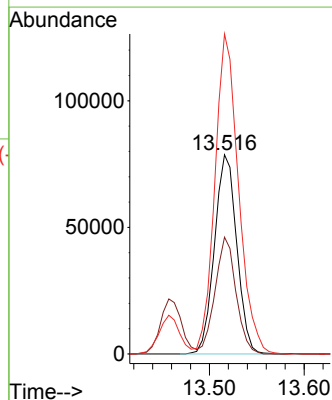
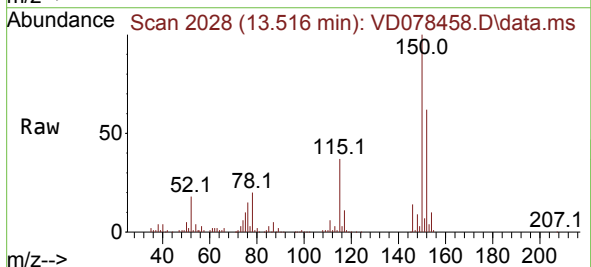
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

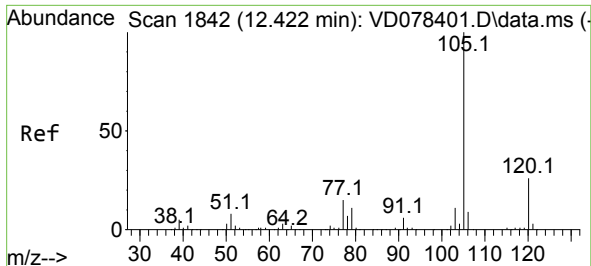
Tgt Ion:173 Resp: 51958
Ion Ratio Lower Upper
173 100
175 48.0 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Tgt Ion:152 Resp: 128747
Ion Ratio Lower Upper
152 100
115 55.3 27.1 81.3
150 170.7 0.0 353.6

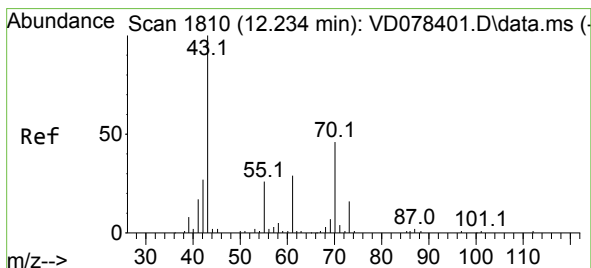
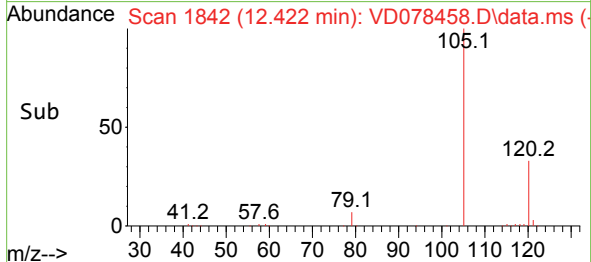
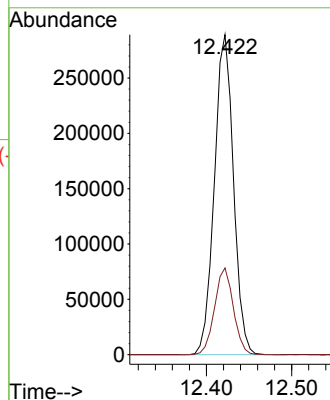
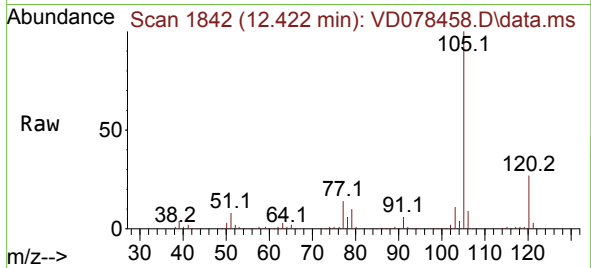




#73
Isopropylbenzene
Concen: 52.016 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

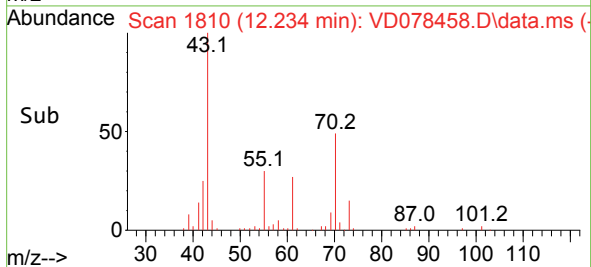
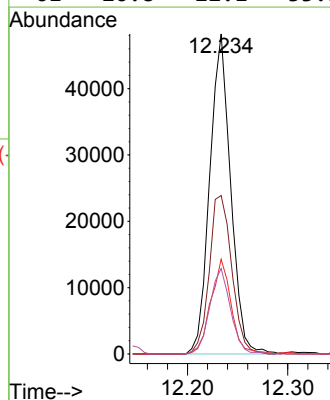
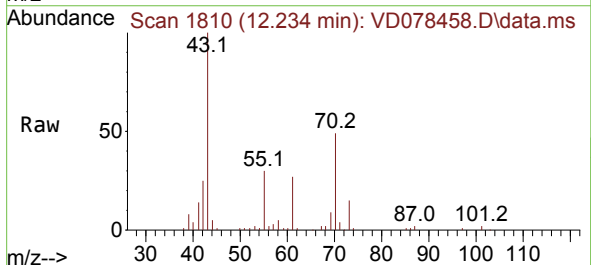
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

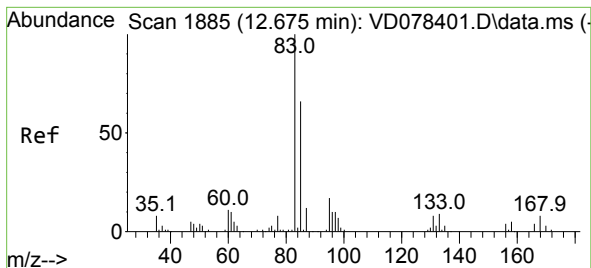
Tgt Ion:105 Resp: 449687
Ion Ratio Lower Upper
105 100
120 26.6 14.3 42.9



#74
N-ethyl acetate
Concen: 42.646 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Tgt Ion: 43 Resp: 69748
Ion Ratio Lower Upper
43 100
70 53.3 45.0 67.4
55 28.8 23.8 35.6
61 26.8 22.1 33.1

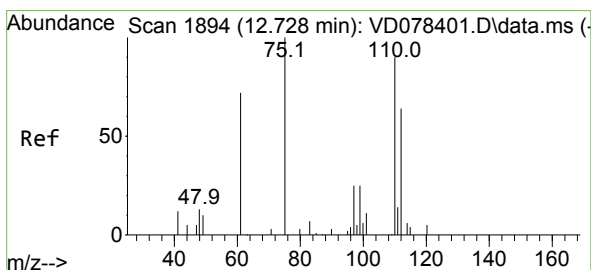
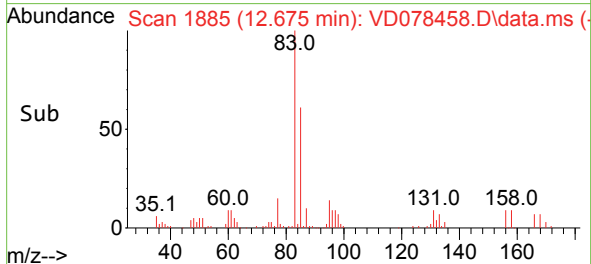
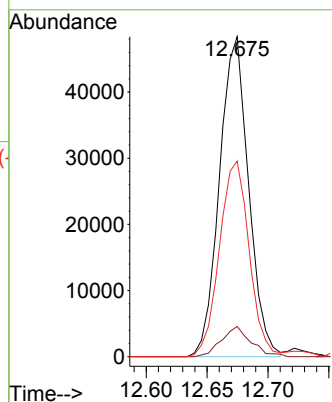
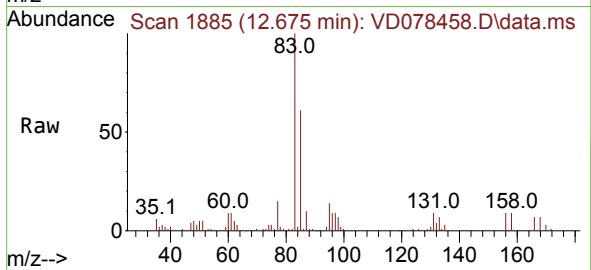




#75
1,1,2,2-Tetrachloroethane
Concen: 46.953 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

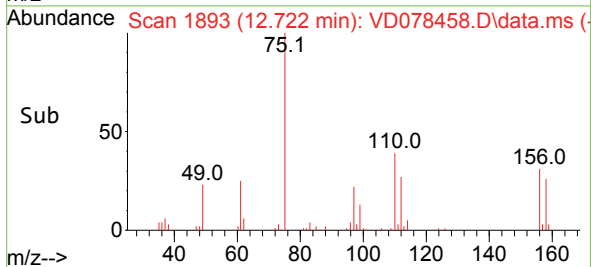
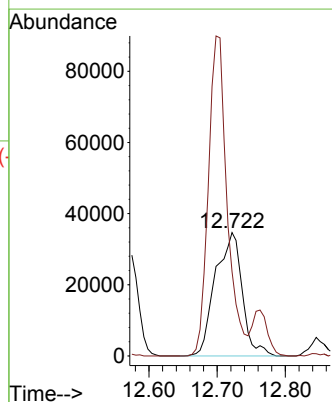
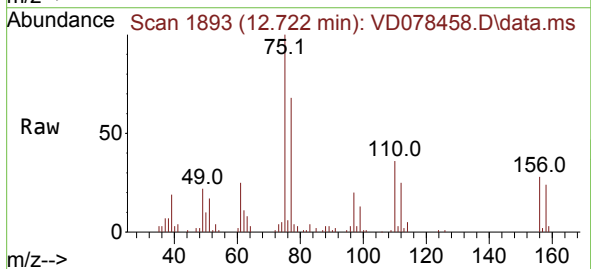
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

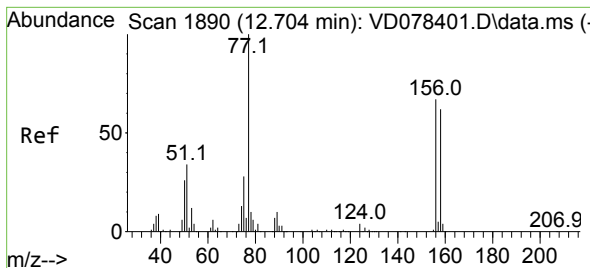
Tgt Ion: 83 Resp: 80521
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.3
85 62.4 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 87.009 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Tgt Ion: 75 Resp: 95103
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.402 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078458.D

Acq: 19 Feb 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

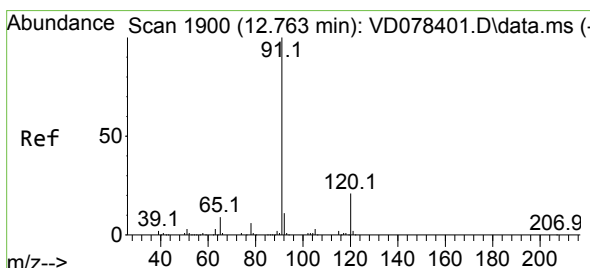
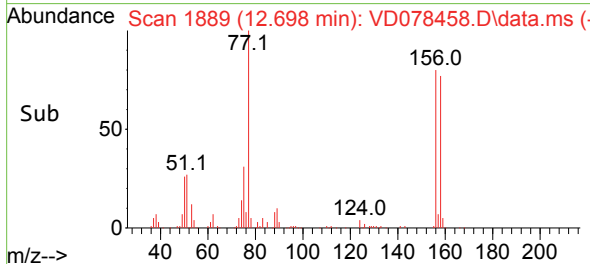
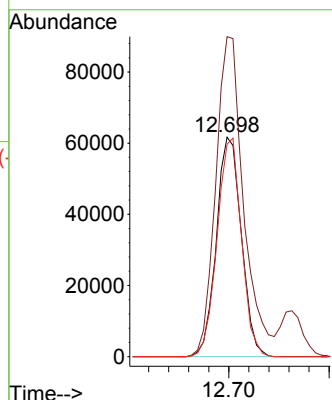
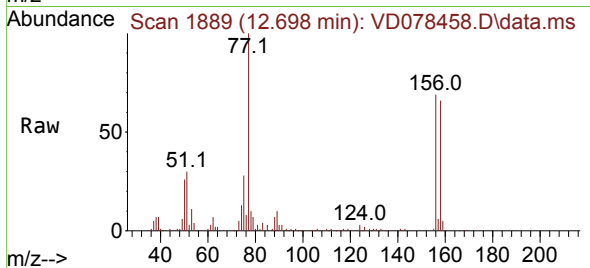
Tgt Ion:156 Resp: 106468

Ion Ratio Lower Upper

156 100

77 162.8 76.8 230.4

158 96.9 48.6 145.9



#78

n-propylbenzene

Concen: 51.066 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078458.D

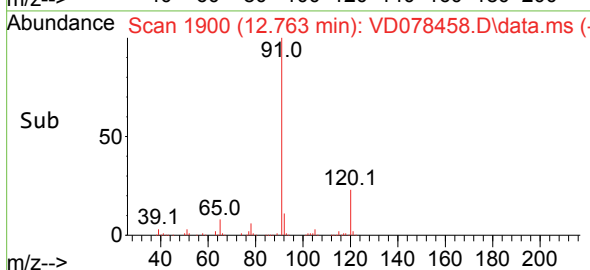
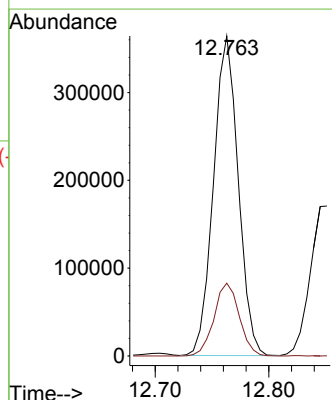
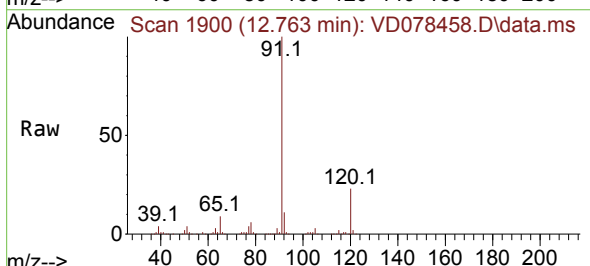
Acq: 19 Feb 2024 09:58

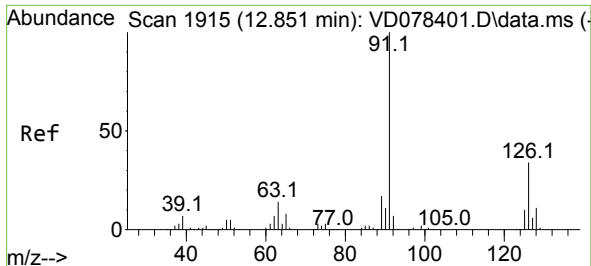
Tgt Ion: 91 Resp: 550165

Ion Ratio Lower Upper

91 100

120 23.2 12.4 37.2

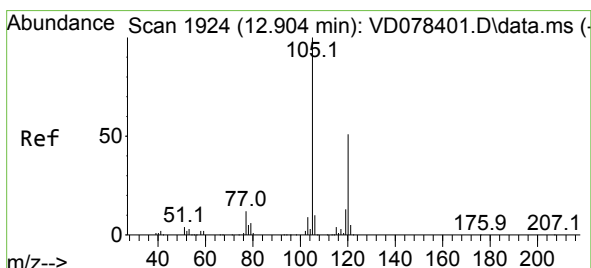
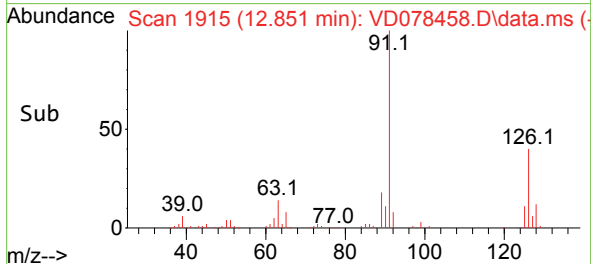
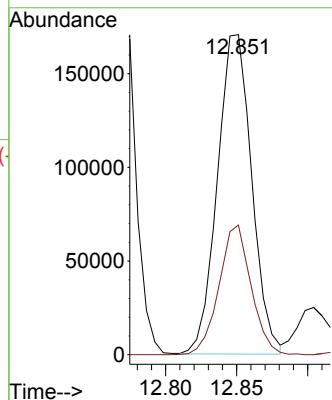
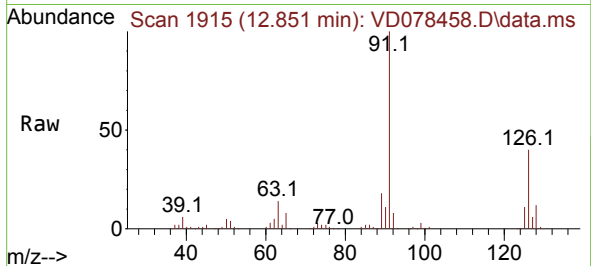




#79
2-Chlorotoluene
Concen: 49.699 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

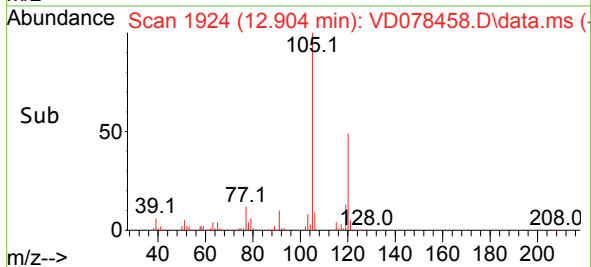
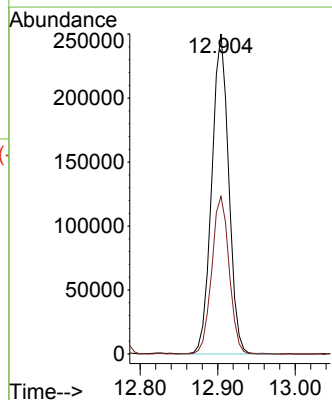
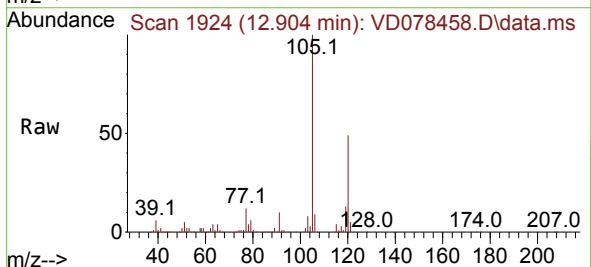
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

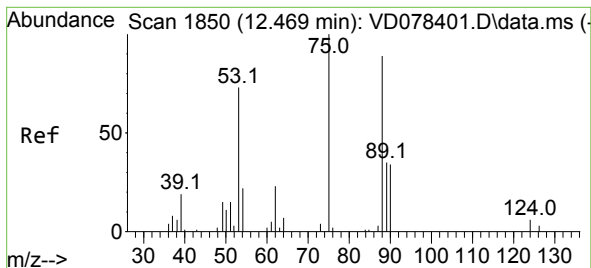
Tgt Ion: 91 Resp: 286780
Ion Ratio Lower Upper
91 100
126 37.9 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 52.926 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Tgt Ion: 105 Resp: 379939
Ion Ratio Lower Upper
105 100
120 50.4 26.4 79.2

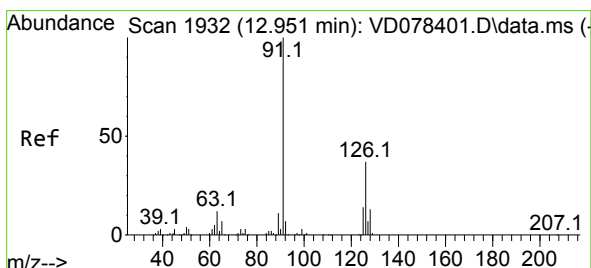
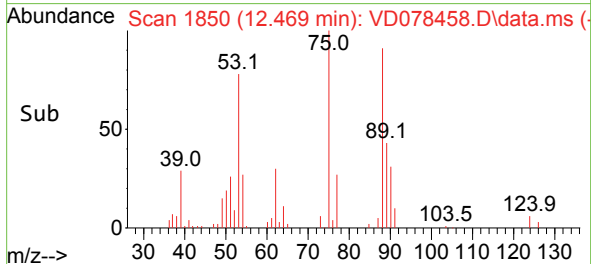
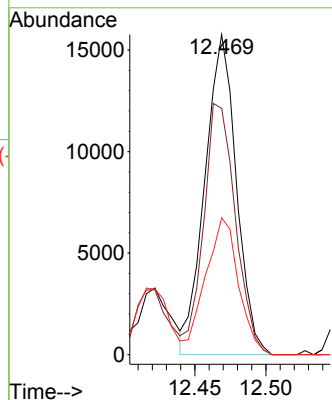
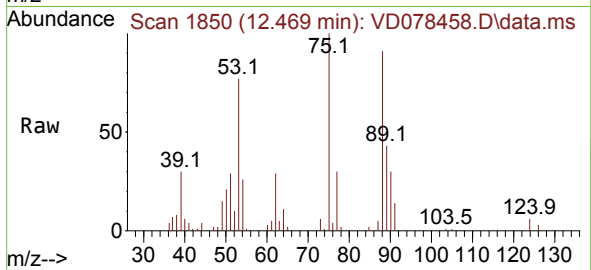




#81
trans-1,4-Dichloro-2-butene
Concen: 46.049 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

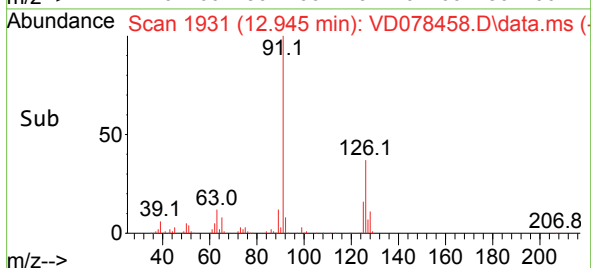
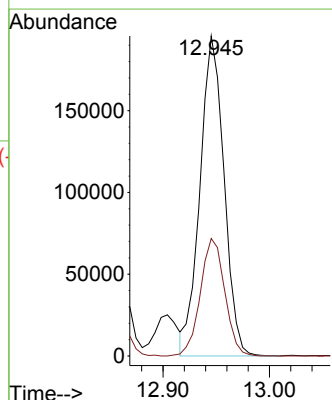
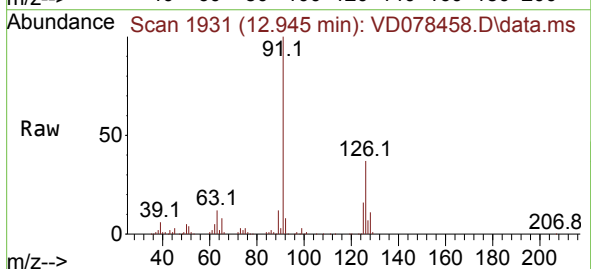
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

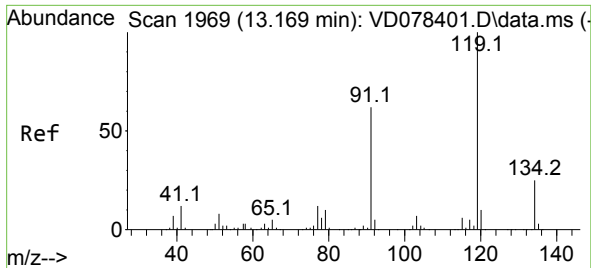
Tgt Ion: 75 Resp: 24245
Ion Ratio Lower Upper
75 100
53 79.4 63.0 94.4
89 45.1 37.9 56.9



#82
4-Chlorotoluene
Concen: 49.589 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Tgt Ion: 91 Resp: 307326
Ion Ratio Lower Upper
91 100
126 37.3 19.4 58.4

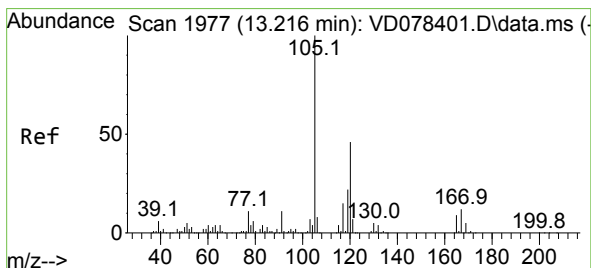
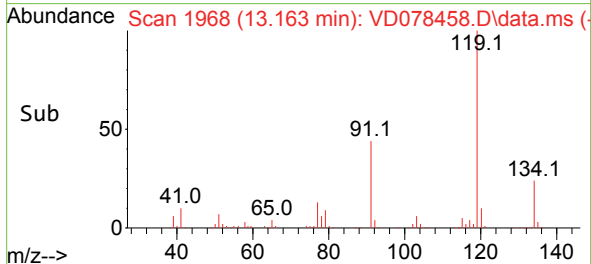
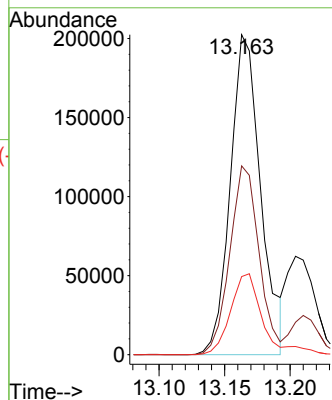
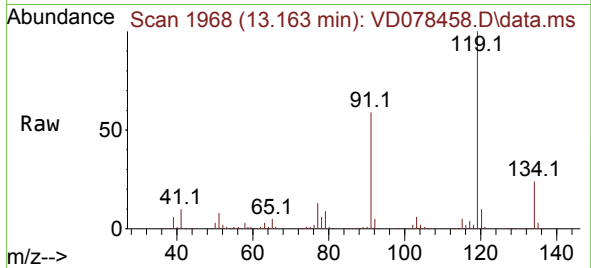




#83
tert-Butylbenzene
Concen: 54.013 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

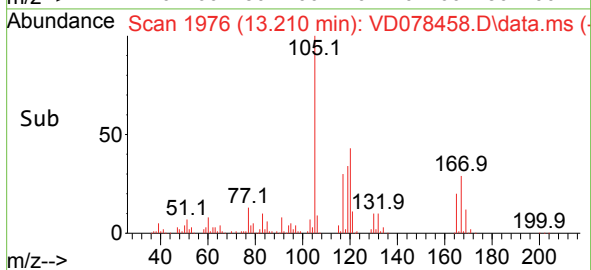
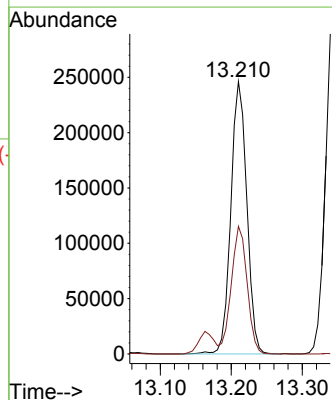
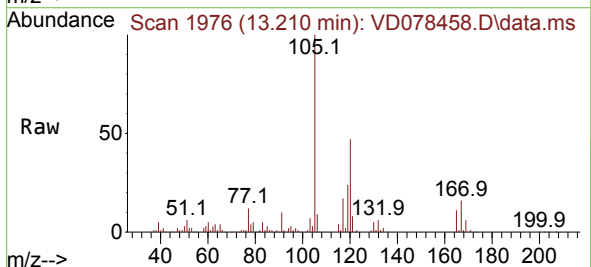
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

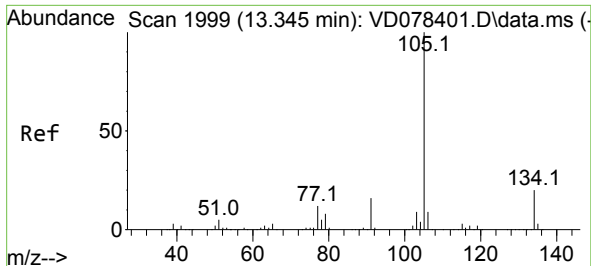
Tgt Ion:119 Resp: 327008
Ion Ratio Lower Upper
119 100
91 56.9 29.3 87.8
134 26.7 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 52.761 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Tgt Ion:105 Resp: 384395
Ion Ratio Lower Upper
105 100
120 46.7 24.3 72.9

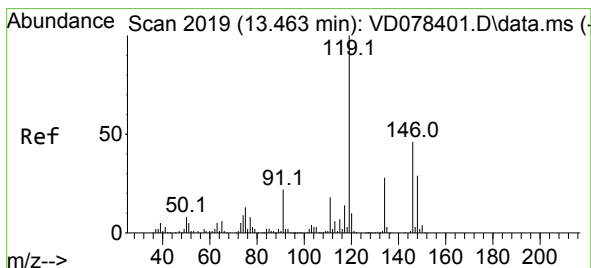
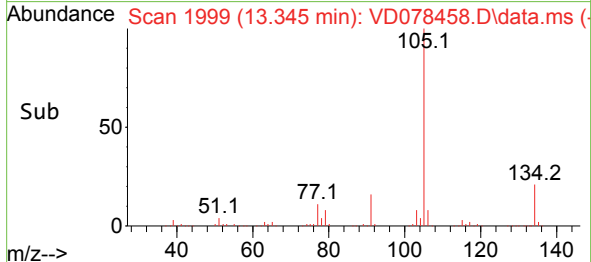
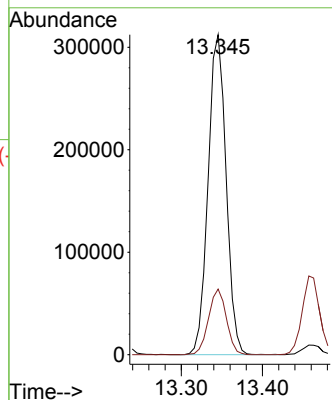
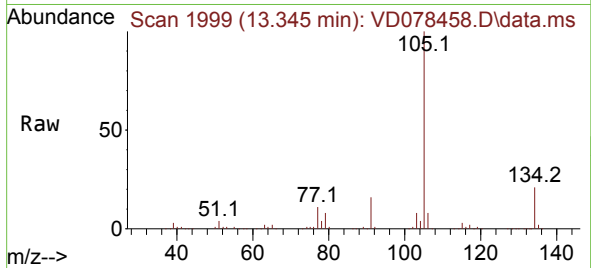




#85
 sec-Butylbenzene
 Concen: 51.247 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078458.D
 Acq: 19 Feb 2024 09:58

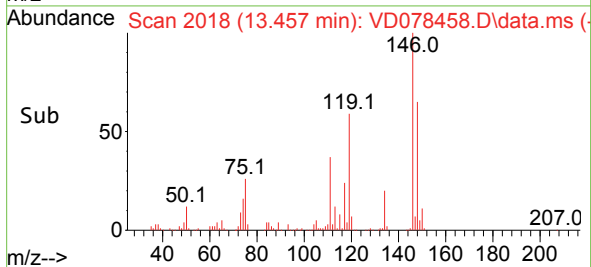
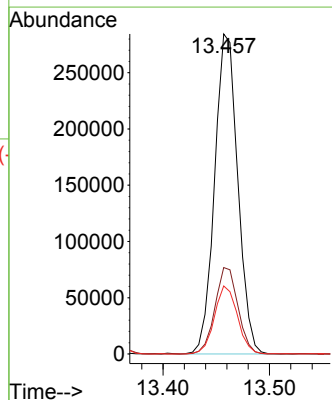
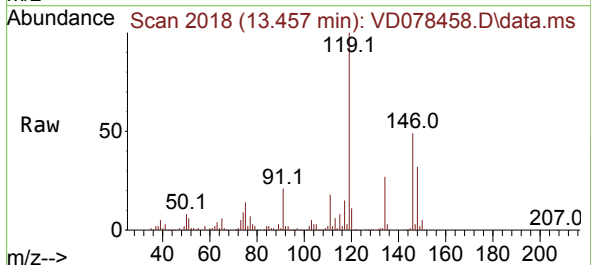
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

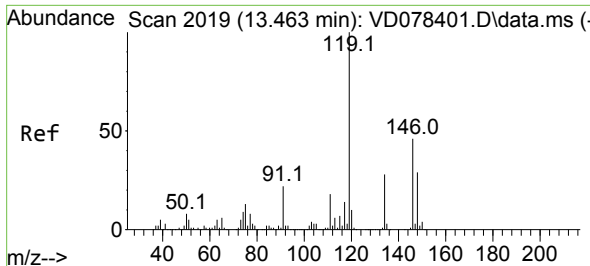
Tgt Ion:105 Resp: 481162
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 53.721 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078458.D
 Acq: 19 Feb 2024 09:58

Tgt Ion:119 Resp: 429614
 Ion Ratio Lower Upper
 119 100
 134 26.7 14.2 42.6
 91 21.2 10.5 31.5

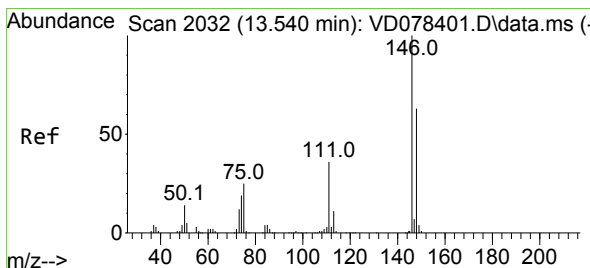
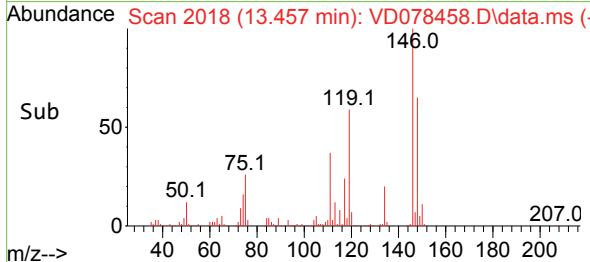
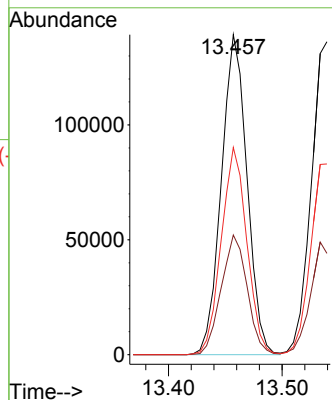
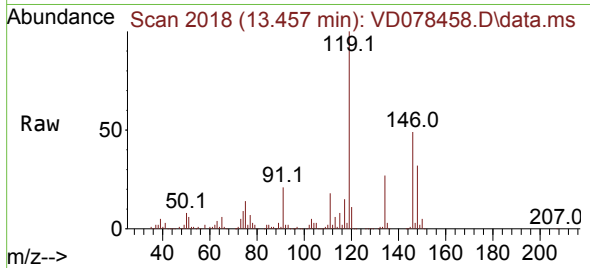




#87
1,3-Dichlorobenzene
Concen: 50.343 ug/l
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

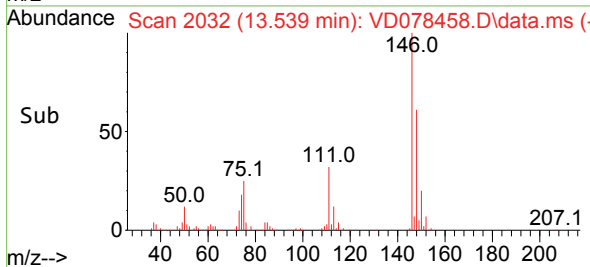
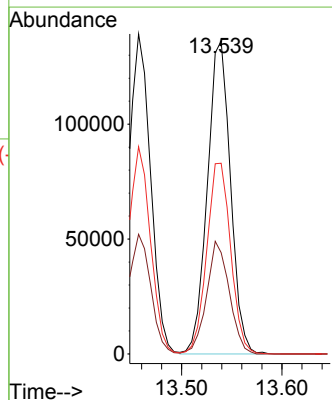
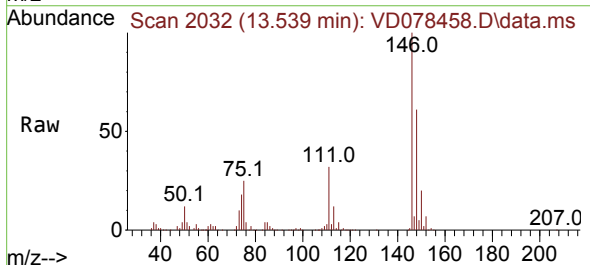
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

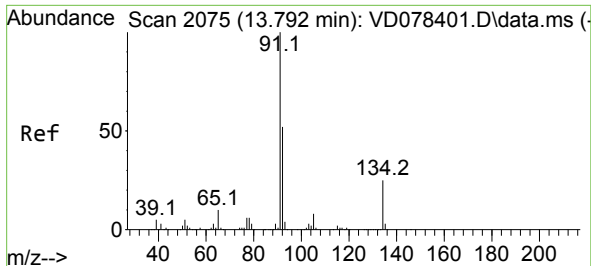
Tgt Ion:146 Resp: 218304
Ion Ratio Lower Upper
146 100
111 37.9 17.9 53.8
148 64.7 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 51.328 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Tgt Ion:146 Resp: 218700
Ion Ratio Lower Upper
146 100
111 35.3 17.4 52.3
148 63.0 31.7 95.1

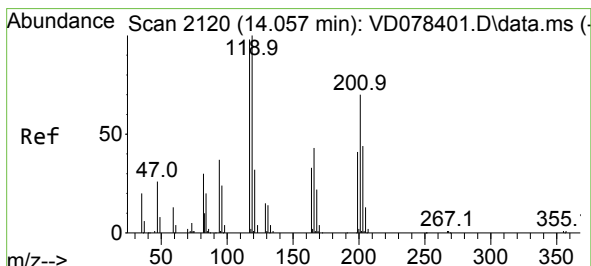
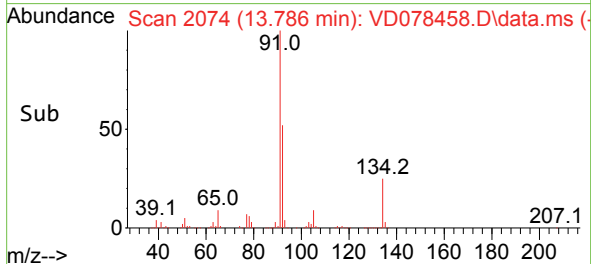
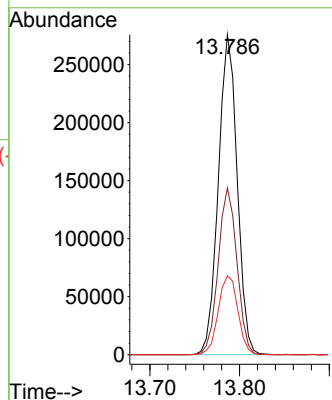
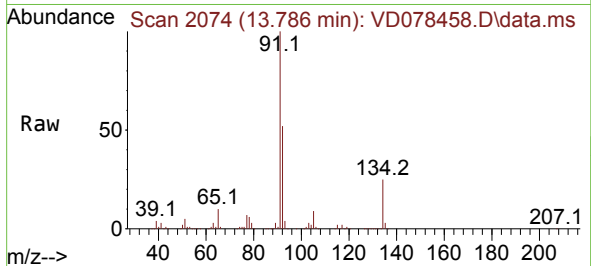




#89
n-Butylbenzene
Concen: 52.144 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

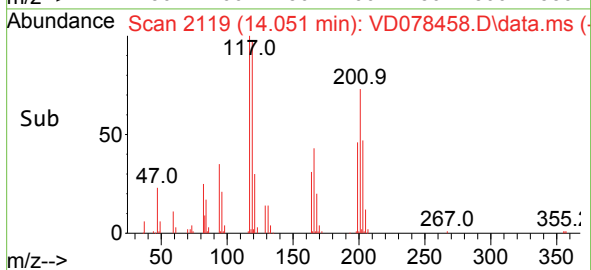
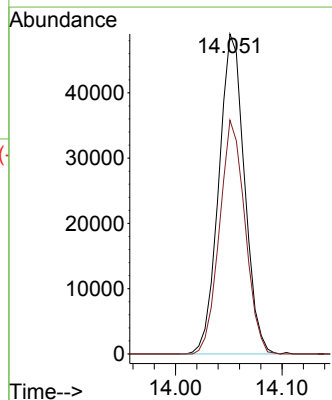
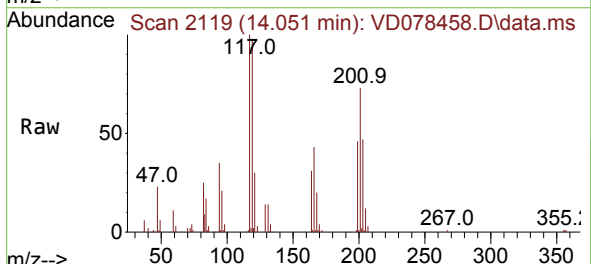
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

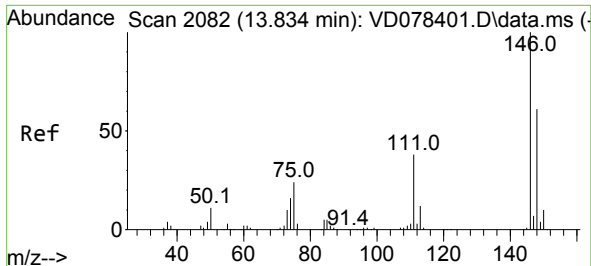
Tgt Ion: 91 Resp: 401935
Ion Ratio Lower Upper
91 100
92 51.9 26.5 79.5
134 25.7 13.8 41.3



#90
Hexachloroethane
Concen: 49.857 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078458.D
Acq: 19 Feb 2024 09:58

Tgt Ion: 117 Resp: 81949
Ion Ratio Lower Upper
117 100
201 72.6 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 51.466 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD078458.D

Acq: 19 Feb 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

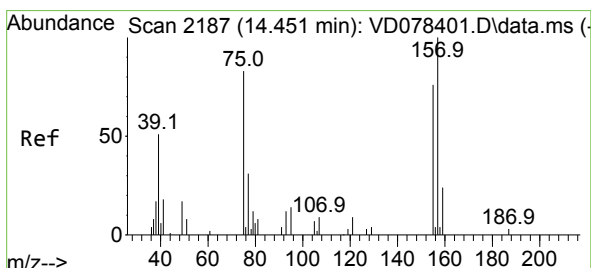
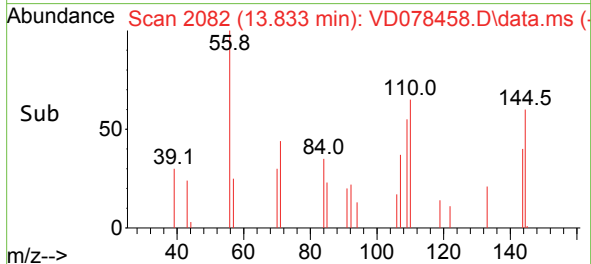
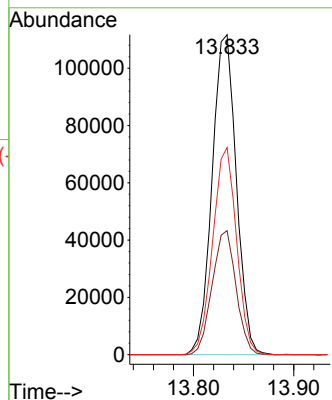
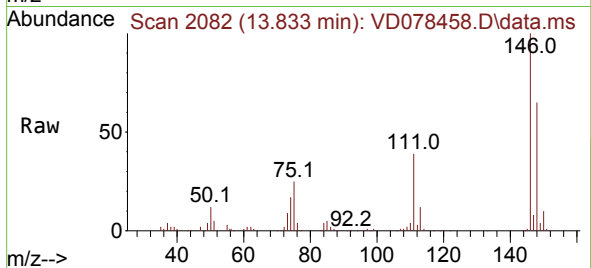
Tgt Ion:146 Resp: 187410

Ion Ratio Lower Upper

146 100

111 38.3 18.3 54.8

148 63.9 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.121 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD078458.D

Acq: 19 Feb 2024 09:58

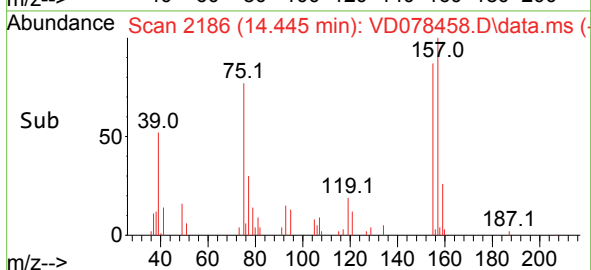
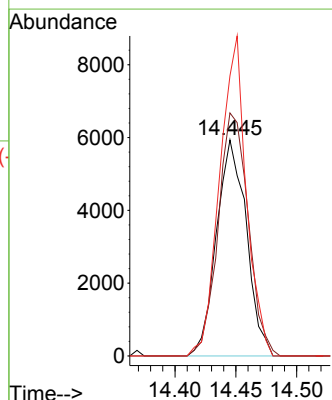
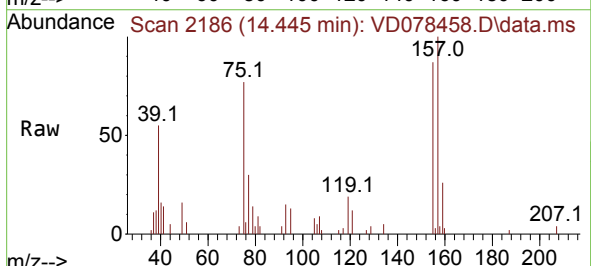
Tgt Ion: 75 Resp: 10132

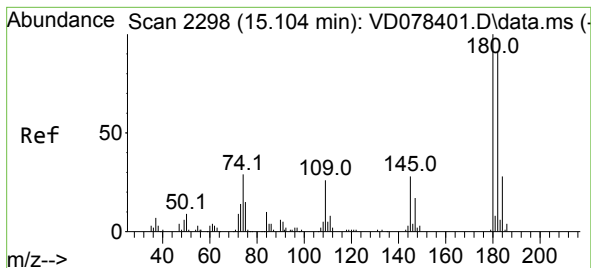
Ion Ratio Lower Upper

75 100

155 113.6 47.9 143.8

157 132.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 52.911 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078458.D

Acq: 19 Feb 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

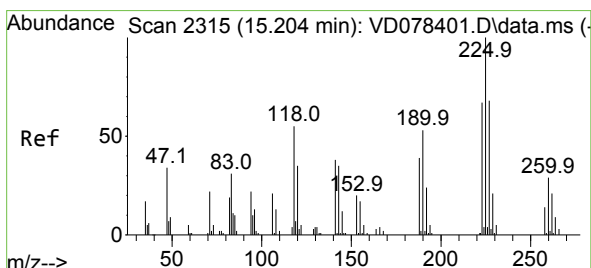
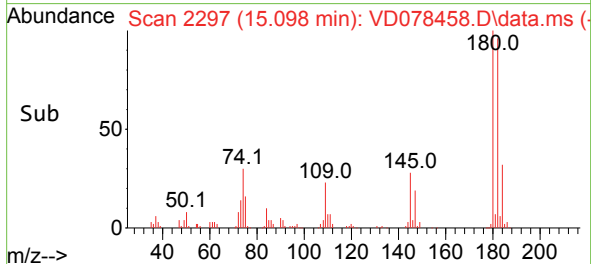
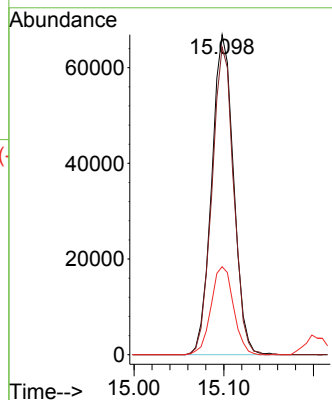
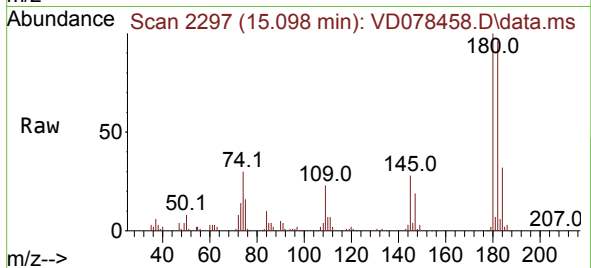
Tgt Ion:180 Resp: 113232

Ion Ratio Lower Upper

180 100

182 95.2 48.5 145.6

145 28.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 54.728 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078458.D

Acq: 19 Feb 2024 09:58

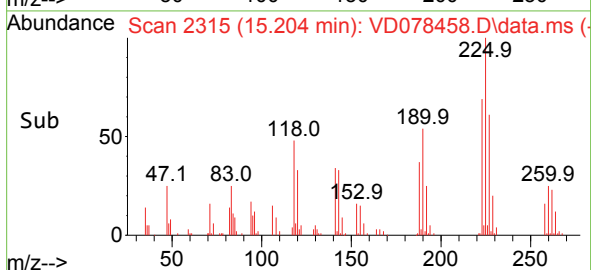
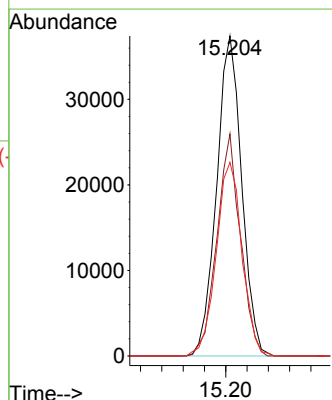
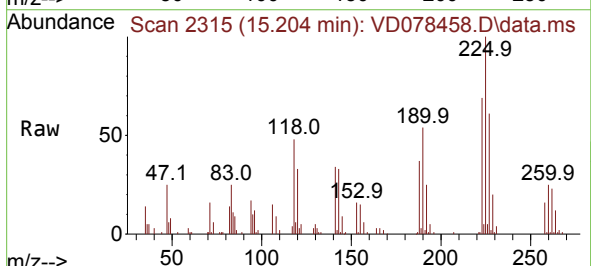
Tgt Ion:225 Resp: 61133

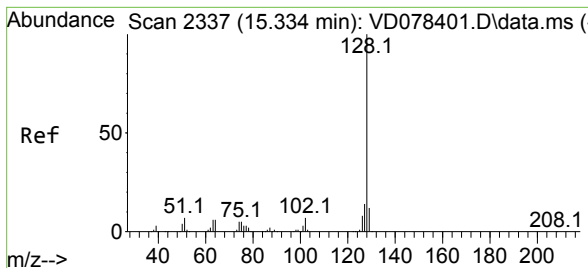
Ion Ratio Lower Upper

225 100

223 65.1 31.6 94.8

227 62.1 31.7 95.1





#95

Naphthalene

Concen: 51.872 ug/l

RT: 15.333 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD078458.D

Acq: 19 Feb 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

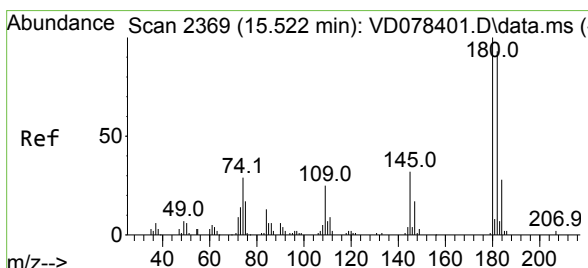
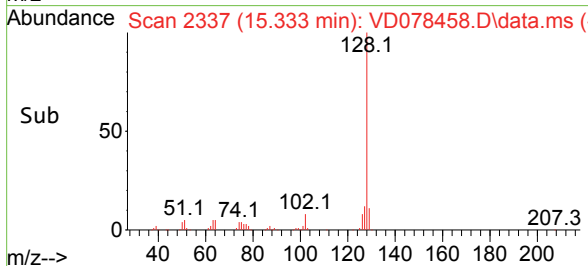
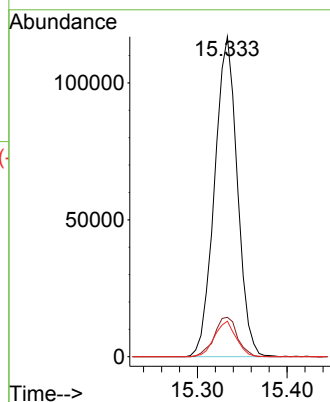
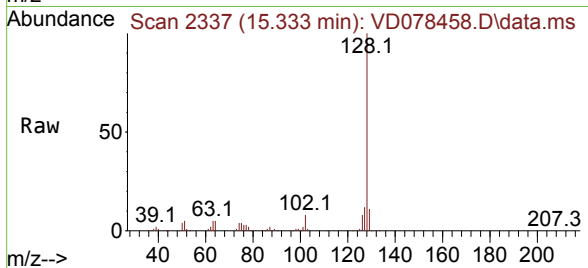
Tgt Ion:128 Resp: 205896

Ion Ratio Lower Upper

128 100

127 12.3 10.5 15.7

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 53.299 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD078458.D

Acq: 19 Feb 2024 09:58

Tgt Ion:180 Resp: 96668

Ion Ratio Lower Upper

180 100

182 97.5 47.3 141.9

145 30.2 15.1 45.3

