

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022024\
 Data File : VD078490.D
 Acq On : 20 Feb 2024 18:21
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 21 05:28:37 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	7.875	168	130169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	224509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	214047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	112949	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	66500	47.249	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.500%
35) Dibromofluoromethane	7.805	113	72885	51.107	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.220%
50) Toluene-d8	10.269	98	282118	49.452	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.900%
62) 4-Bromofluorobenzene	12.569	95	81685	49.204	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	69861	54.471	ug/l	96
3) Chloromethane	2.152	50	132512	56.221	ug/l	99
4) Vinyl Chloride	2.281	62	194502	54.079	ug/l	99
5) Bromomethane	2.687	94	140588	56.630	ug/l	100
6) Chloroethane	2.834	64	141789	54.063	ug/l	98
7) Trichlorofluoromethane	3.169	101	123835	51.041	ug/l	97
8) Diethyl Ether	3.599	74	38029	54.419	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.964	101	79425	51.892	ug/l	97
10) Methyl Iodide	4.169	142	77330	56.409	ug/l	92
11) Tert butyl alcohol	5.069	59	22770	299.619	ug/l #	85
12) 1,1-Dichloroethene	3.940	96	75200	52.995	ug/l	90
13) Acrolein	3.805	56	19131	147.134	ug/l	96
14) Allyl chloride	4.558	41	88162	50.292	ug/l	94
15) Acrylonitrile	5.252	53	86726	289.904	ug/l	96
16) Acetone	4.028	43	71240	265.007	ug/l	90
17) Carbon Disulfide	4.269	76	226732	47.485	ug/l	97
18) Methyl Acetate	4.564	43	74662	70.774	ug/l	94
19) Methyl tert-butyl Ether	5.316	73	178248	59.123	ug/l	96
20) Methylene Chloride	4.799	84	92949	58.845	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	87141	52.201	ug/l	92
22) Diisopropyl ether	6.222	45	209859	54.315	ug/l	97
23) Vinyl Acetate	6.158	43	508759	325.510	ug/l	97
24) 1,1-Dichloroethane	6.110	63	146777	53.625	ug/l	97
25) 2-Butanone	7.081	43	103690	293.512	ug/l #	81
26) 2,2-Dichloropropane	7.081	77	116675	50.849	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	100595	54.924	ug/l	95
28) Bromochloromethane	7.422	49	53797	49.624	ug/l	90
29) Tetrahydrofuran	7.446	42	62484	298.524	ug/l	95
30) Chloroform	7.599	83	159136	54.951	ug/l	99
31) Cyclohexane	7.875	56	111157	46.688	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	131858	53.404	ug/l	98
36) 1,1-Dichloropropene	8.010	75	118052	53.286	ug/l	97
37) Ethyl Acetate	7.169	43	45317	58.352	ug/l	96
38) Carbon Tetrachloride	7.993	117	116516	53.106	ug/l	96
39) Methylcyclohexane	9.275	83	137810	52.397	ug/l	92
40) Benzene	8.252	78	353347	55.179	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	22085	54.642	ug/l #	87
42) 1,2-Dichloroethane	8.328	62	91370	55.144	ug/l	98
43) Isopropyl Acetate	8.363	43	85948	59.765	ug/l	94
44) Trichloroethene	9.028	130	92682	56.732	ug/l	86
45) 1,2-Dichloropropane	9.304	63	87223	55.515	ug/l	95
46) Dibromomethane	9.393	93	51164	57.896	ug/l	93
47) Bromodichloromethane	9.581	83	121258	55.398	ug/l #	96
48) Methyl methacrylate	9.381	41	49184	64.464	ug/l	87
49) 1,4-Dioxane	9.387	88	12674	1324.286	ug/l #	89
51) 4-Methyl-2-Pentanone	10.157	43	233948	306.508	ug/l	94
52) Toluene	10.334	92	228030	56.310	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	116343	58.251	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	137076	56.600	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	72523	60.938	ug/l	95
56) Ethyl methacrylate	10.593	69	61025	55.443	ug/l	95
57) 1,3-Dichloropropane	10.881	76	118543	58.555	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	171781	264.952	ug/l	96
59) 2-Hexanone	10.922	43	167738	292.427	ug/l	94
60) Dibromochloromethane	11.075	129	87347	61.000	ug/l	98
61) 1,2-Dibromoethane	11.175	107	69132	61.875	ug/l	99
64) Tetrachloroethene	10.810	164	75033	55.498	ug/l	97
65) Chlorobenzene	11.604	112	243114	56.496	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	92033	58.197	ug/l	96
67) Ethyl Benzene	11.681	91	435803	56.523	ug/l	96
68) m/p-Xylenes	11.787	106	345161	114.767	ug/l	94
69) o-Xylene	12.116	106	160609	58.519	ug/l	96
70) Styrene	12.134	104	252574	56.388	ug/l	98
71) Bromoform	12.298	173	53051	63.736	ug/l #	96
73) Isopropylbenzene	12.416	105	416809	54.956	ug/l	97
74) N-amyl acetate	12.228	43	77972	54.342	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	88374	58.740	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	100925	105.251	ug/l #	100
77) Bromobenzene	12.698	156	100825	56.566	ug/l	93
78) n-propylbenzene	12.757	91	511496	54.117	ug/l	96
79) 2-Chlorotoluene	12.845	91	271281	53.588	ug/l	98
80) 1,3,5-Trimethylbenzene	12.898	105	350161	55.601	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	25575	55.370	ug/l	98
82) 4-Chlorotoluene	12.945	91	293095	53.908	ug/l	98
83) tert-Butylbenzene	13.163	119	296995	55.917	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	359534	56.251	ug/l	97
85) sec-Butylbenzene	13.339	105	444328	53.943	ug/l	96
86) p-Isopropyltoluene	13.457	119	399240	56.905	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	211633	55.630	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	210982	56.443	ug/l	99
89) n-Butylbenzene	13.787	91	369000	54.567	ug/l	98
90) Hexachloroethane	14.051	117	77154	53.505	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	185320	58.011	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11841	60.108	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	111487	59.382	ug/l	99
94) Hexachlorobutadiene	15.198	225	55611	56.748	ug/l	99
95) Naphthalene	15.328	128	227154	65.232	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	97478	61.263	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

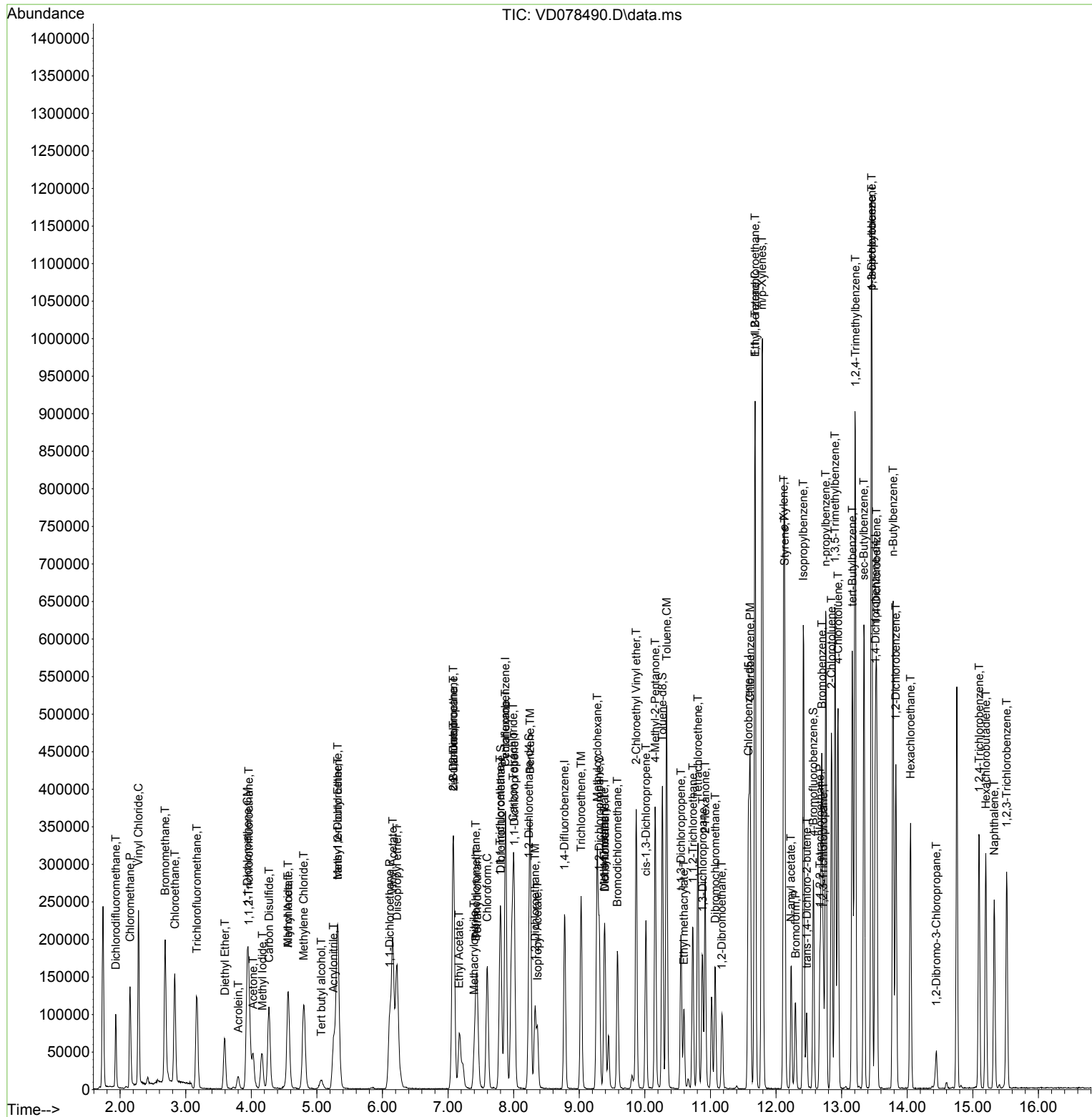
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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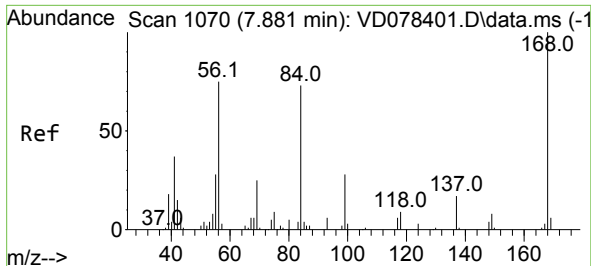
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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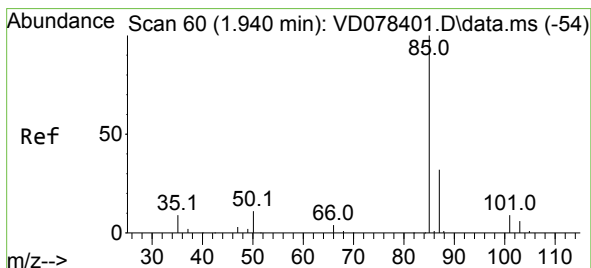
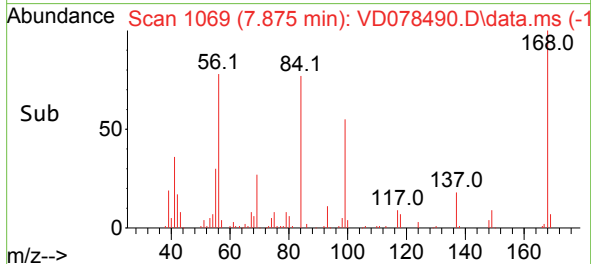
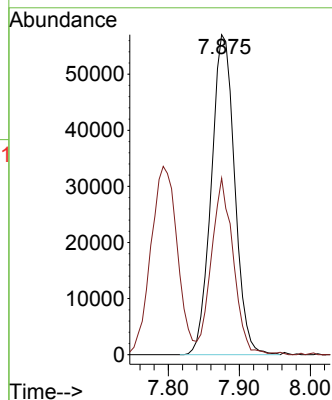
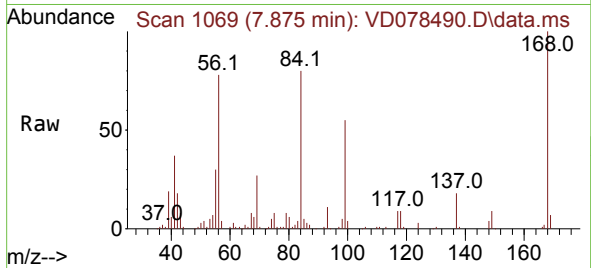




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
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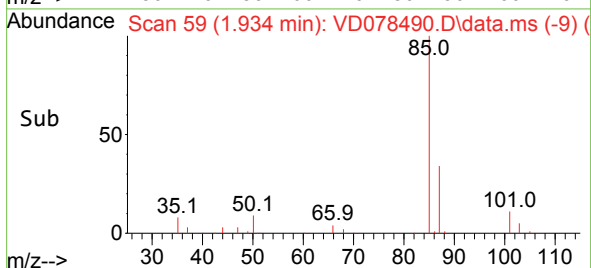
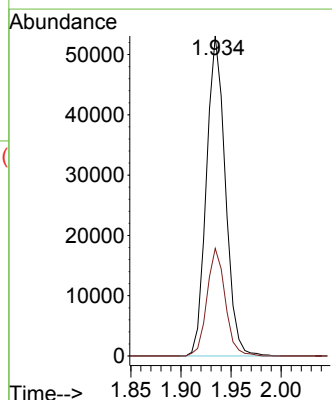
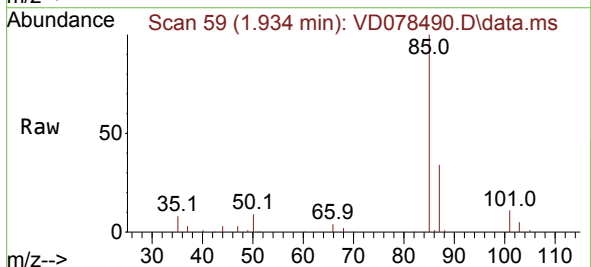
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

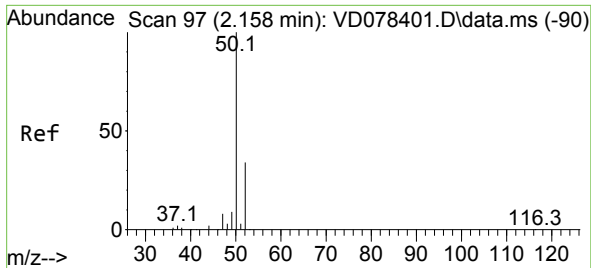
Tgt Ion:168 Resp: 130169
Ion Ratio Lower Upper
168 100
99 54.4 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 54.471 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion: 85 Resp: 69861
Ion Ratio Lower Upper
85 100
87 33.6 15.7 47.0

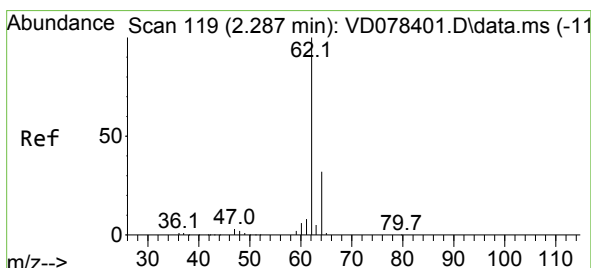
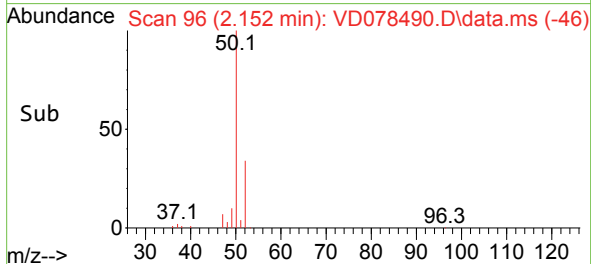
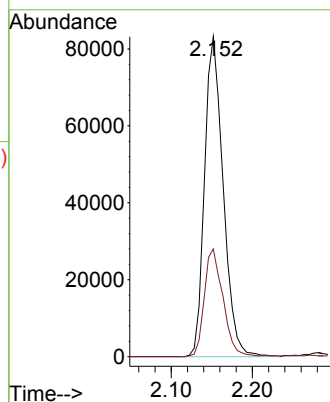
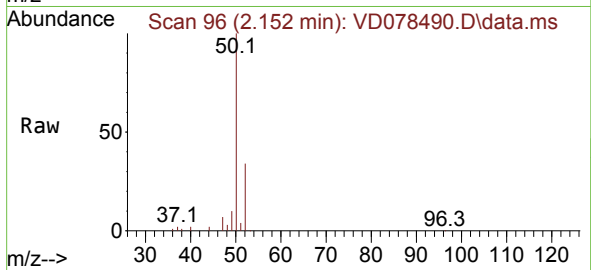




#3
Chloromethane
Concen: 56.221 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

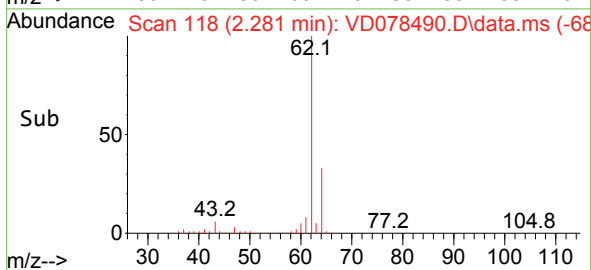
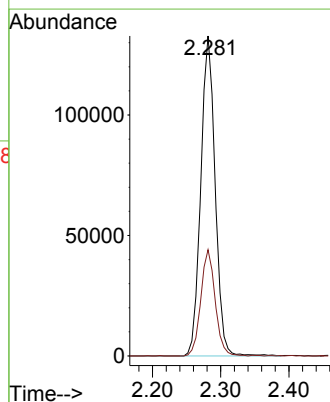
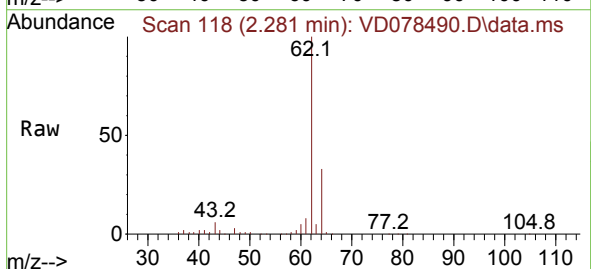
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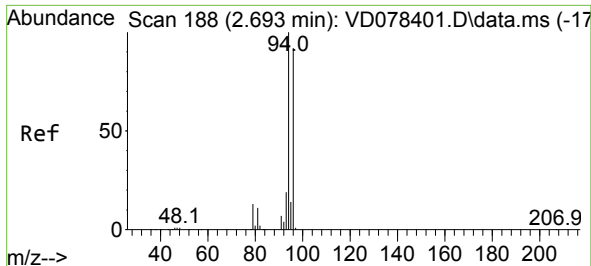
Tgt Ion: 50 Resp: 132512
Ion Ratio Lower Upper
50 100
52 33.7 26.6 40.0



#4
Vinyl Chloride
Concen: 54.079 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion: 62 Resp: 194502
Ion Ratio Lower Upper
62 100
64 33.2 26.0 39.0

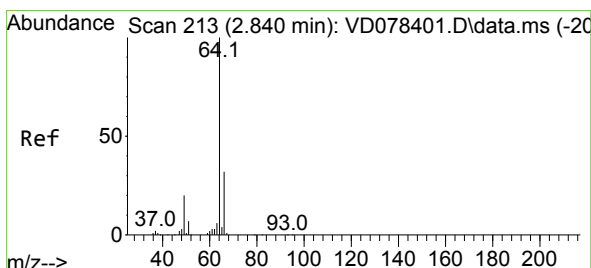
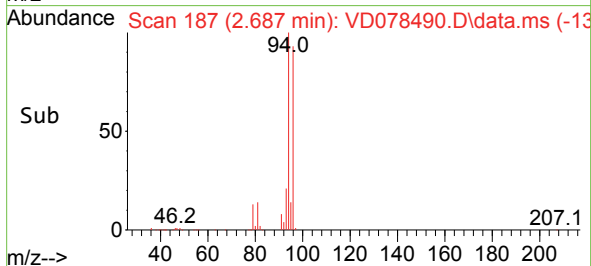
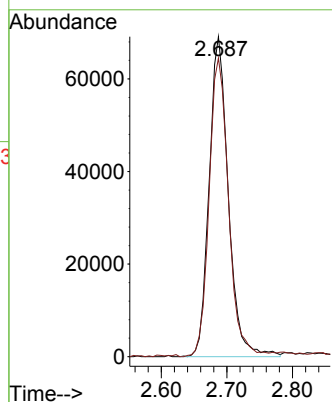
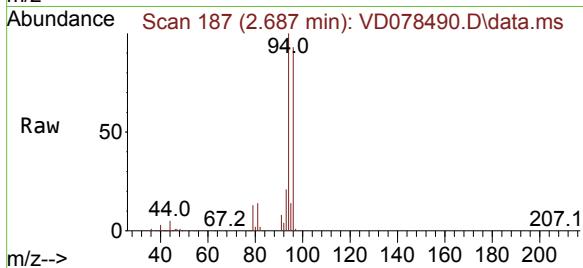




#5
Bromomethane
Concen: 56.630 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078490.D
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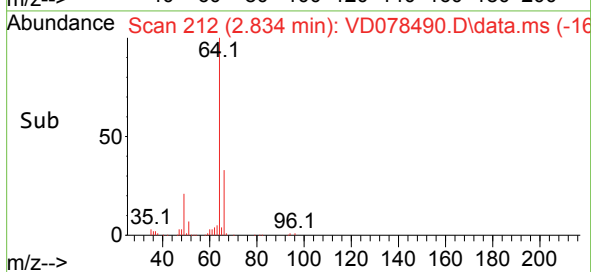
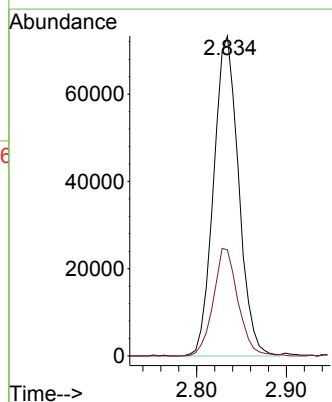
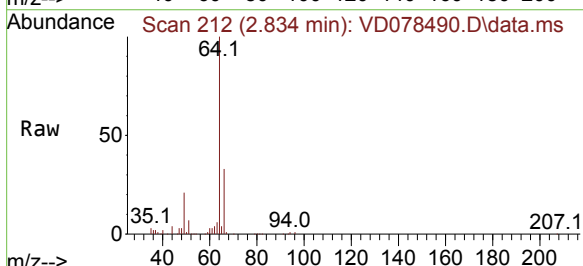
Instrument :
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Tgt Ion: 94 Resp: 140588
Ion Ratio Lower Upper
94 100
96 94.4 75.8 113.8



#6
Chloroethane
Concen: 54.063 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion: 64 Resp: 141789
Ion Ratio Lower Upper
64 100
66 33.2 25.5 38.3

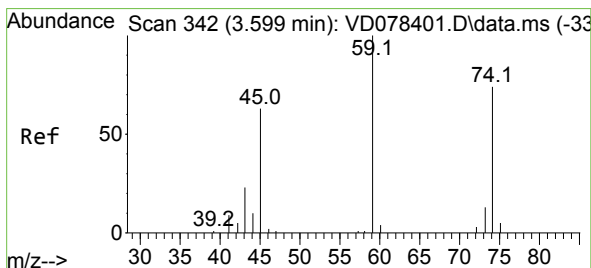
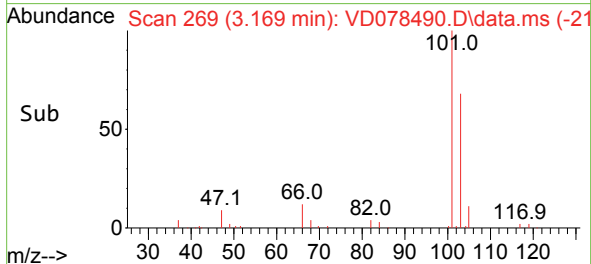
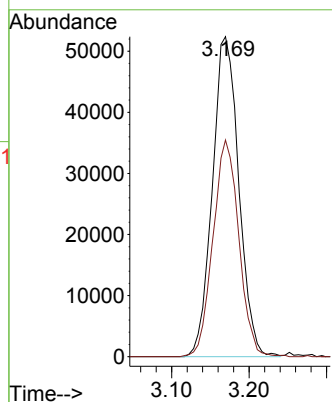
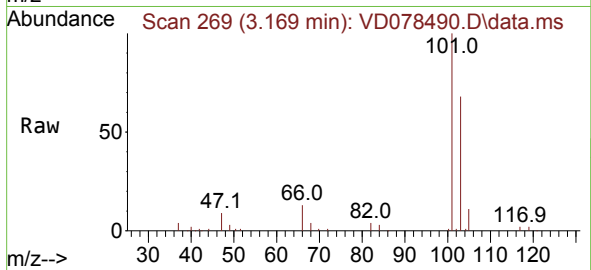




#7
Trichlorofluoromethane
Concen: 51.041 ug/l
RT: 3.169 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

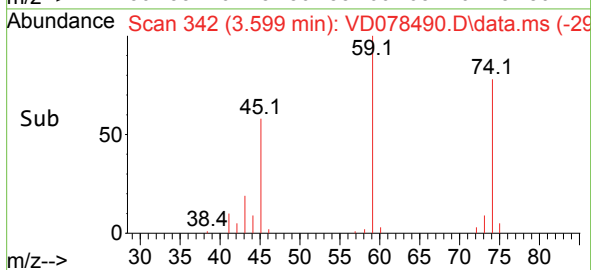
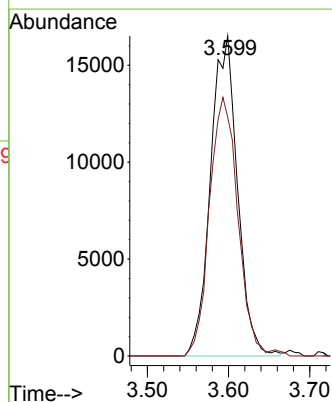
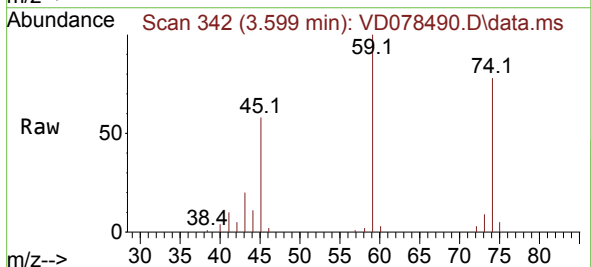
Instrument :
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Tgt Ion:101 Resp: 123835
Ion Ratio Lower Upper
101 100
103 67.7 52.3 78.5



#8
Diethyl Ether
Concen: 54.419 ug/l
RT: 3.599 min Scan# 342
Delta R.T. -0.000 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion: 74 Resp: 38029
Ion Ratio Lower Upper
74 100
45 84.7 37.5 112.7

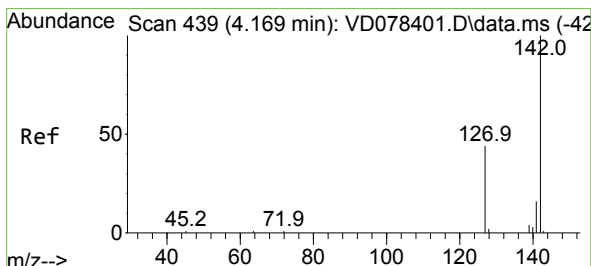
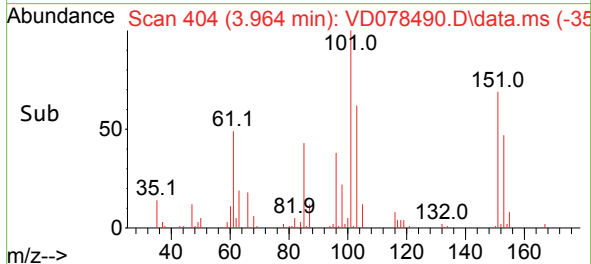
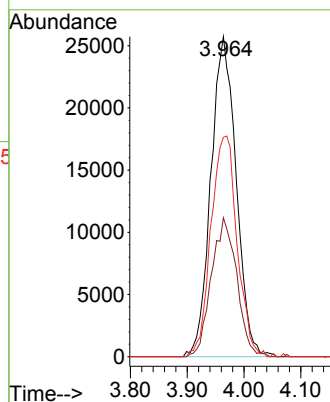
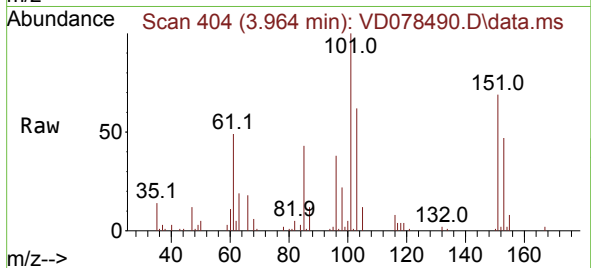




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.892 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

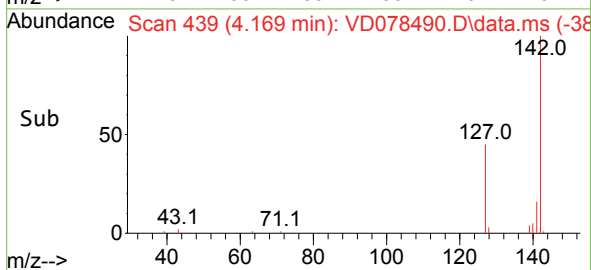
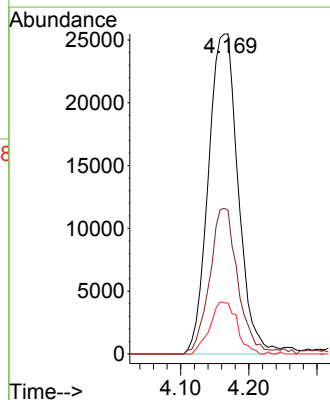
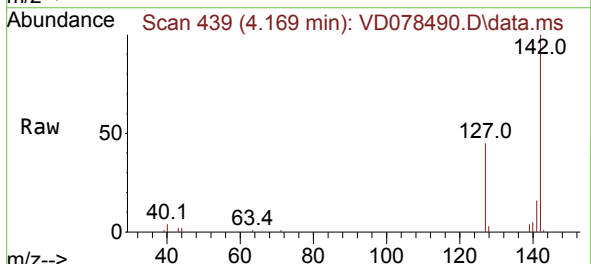
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

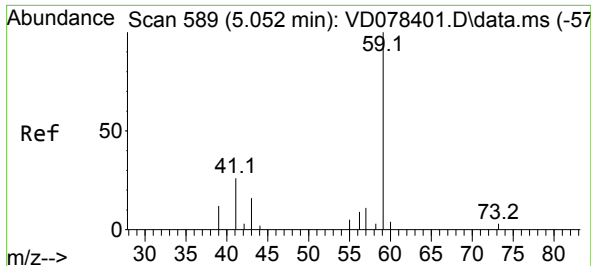
Tgt Ion:101 Resp: 79425
Ion Ratio Lower Upper
101 100
85 43.6 33.8 50.6
151 71.2 59.8 89.6



#10
Methyl Iodide
Concen: 56.409 ug/l
RT: 4.169 min Scan# 439
Delta R.T. -0.000 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion:142 Resp: 77330
Ion Ratio Lower Upper
142 100
127 42.9 29.4 44.0
141 14.9 11.1 16.7

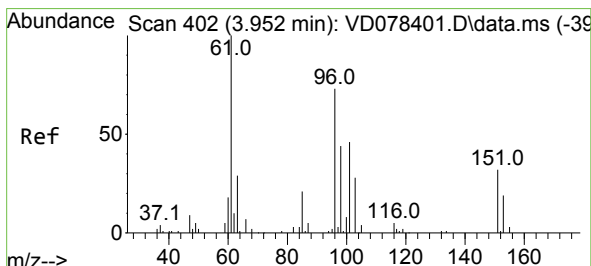
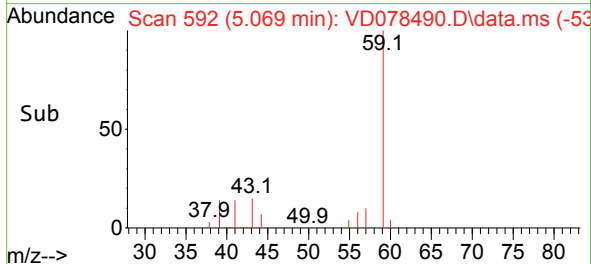
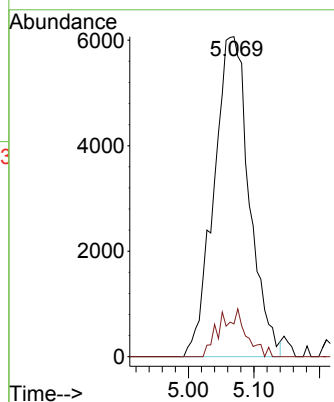
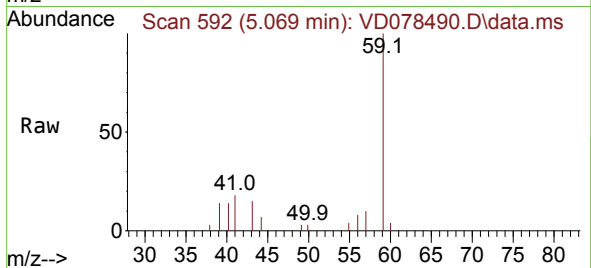




#11
Tert butyl alcohol
Concen: 299.619 ug/l
RT: 5.069 min Scan# 51
Delta R.T. 0.017 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

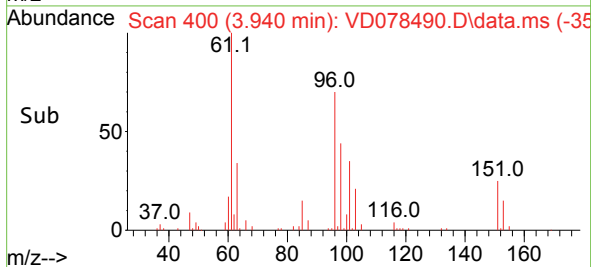
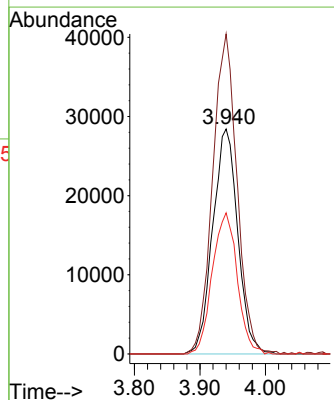
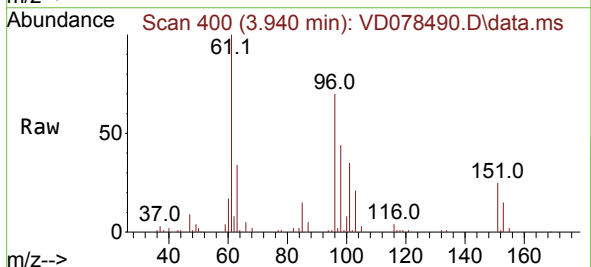
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

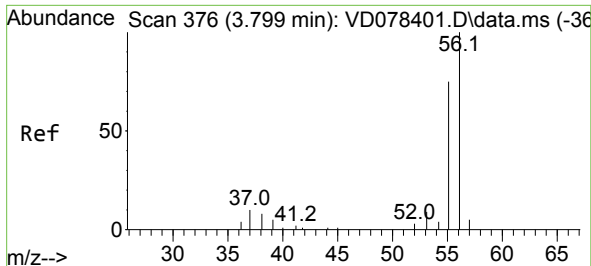
Tgt Ion: 59 Resp: 22770
Ion Ratio Lower Upper
59 100
57 4.4 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 52.995 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.012 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion: 96 Resp: 75200
Ion Ratio Lower Upper
96 100
61 142.3 100.6 150.8
98 62.7 50.2 75.2

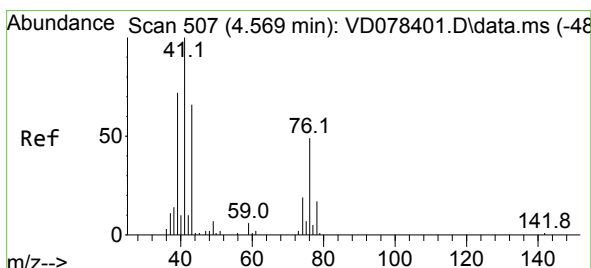
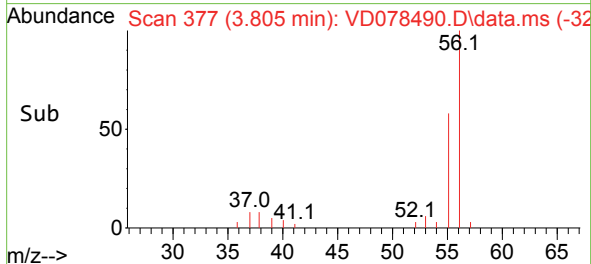
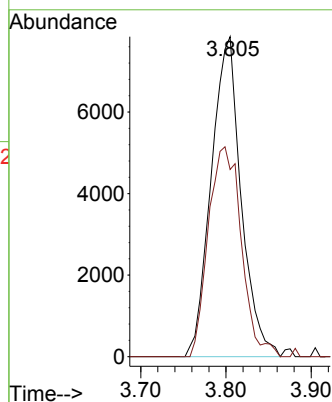
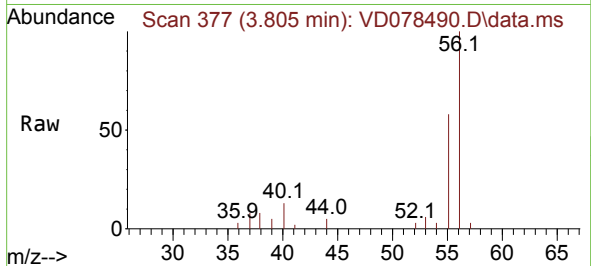




#13
Acrolein
Concen: 147.134 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

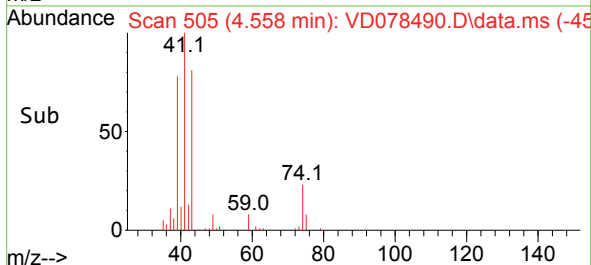
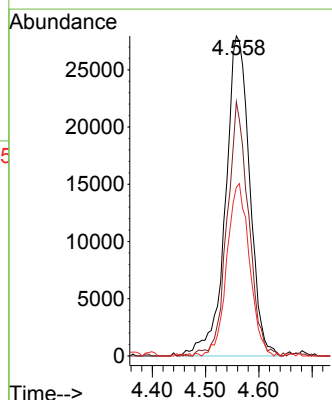
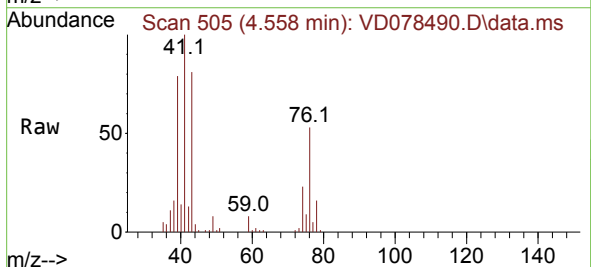
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

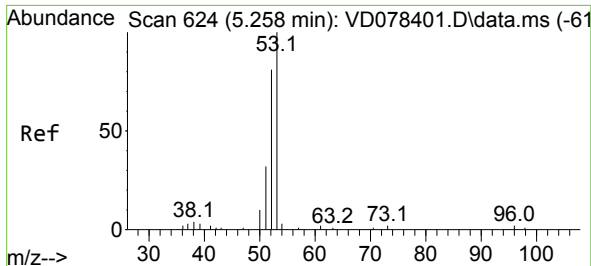
Tgt Ion: 56 Resp: 19131
Ion Ratio Lower Upper
56 100
55 72.2 55.1 82.7



#14
Allyl chloride
Concen: 50.292 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.012 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion: 41 Resp: 88162
Ion Ratio Lower Upper
41 100
39 70.3 53.8 80.6
76 50.5 45.8 68.8





#15

Acrylonitrile

Concen: 289.904 ug/l

RT: 5.252 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078490.D

Acq: 20 Feb 2024 18:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

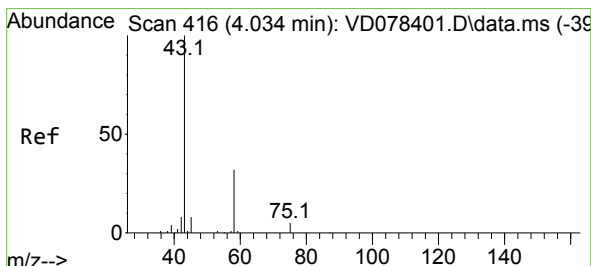
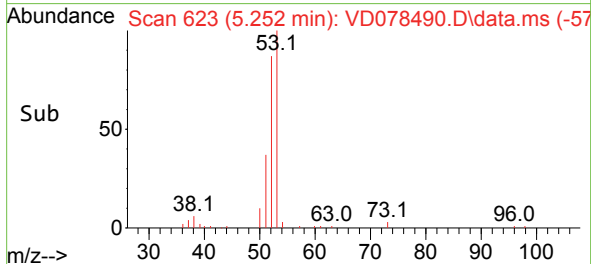
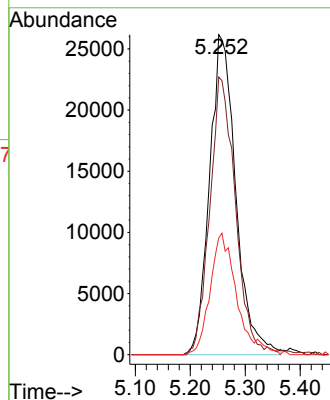
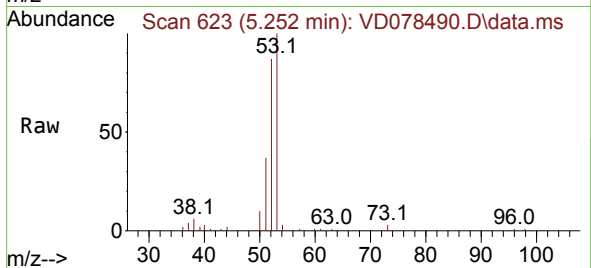
Tgt Ion: 53 Resp: 86726

Ion Ratio Lower Upper

53 100

52 84.6 65.0 97.4

51 38.3 28.3 42.5



#16

Acetone

Concen: 265.007 ug/l

RT: 4.028 min Scan# 415

Delta R.T. -0.006 min

Lab File: VD078490.D

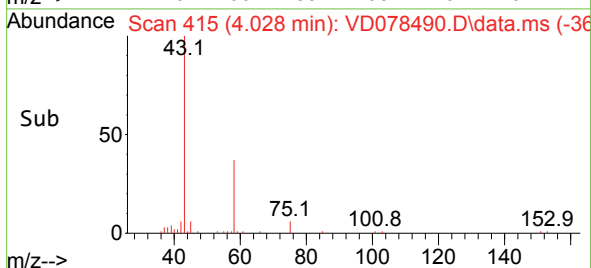
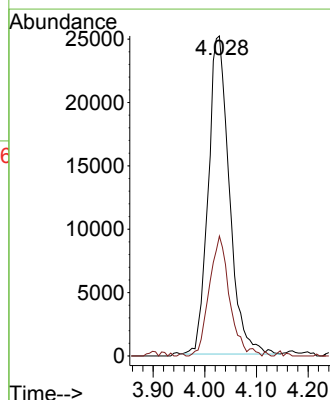
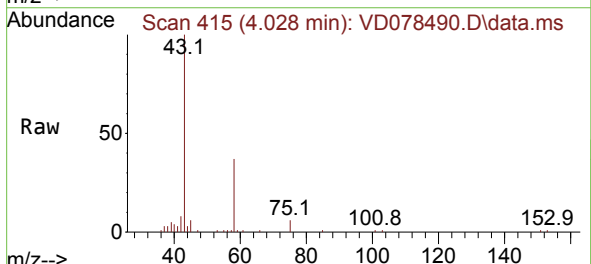
Acq: 20 Feb 2024 18:21

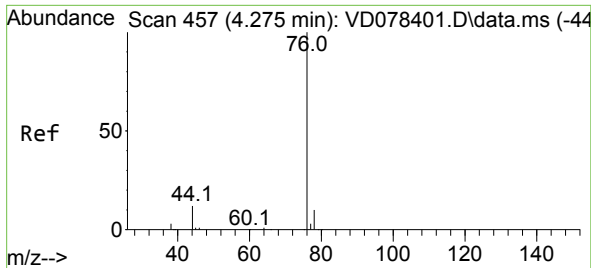
Tgt Ion: 43 Resp: 71240

Ion Ratio Lower Upper

43 100

58 37.1 34.7 52.1

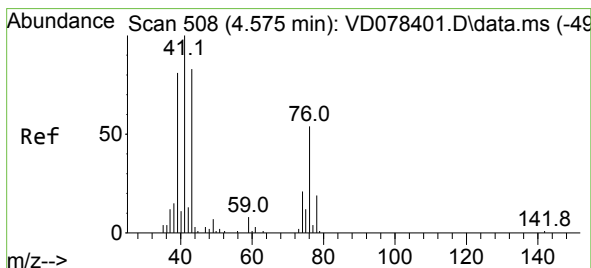
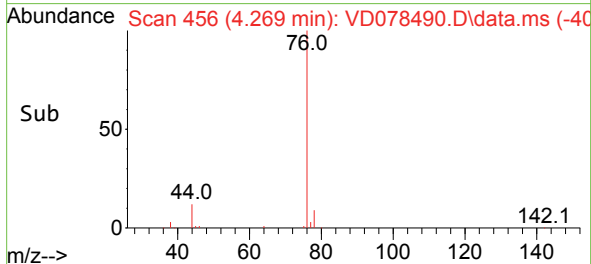
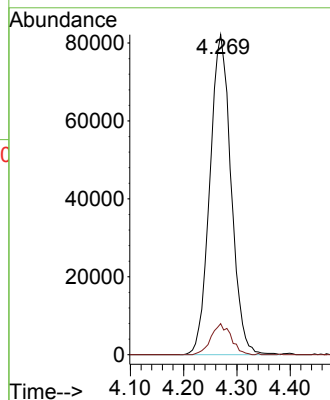
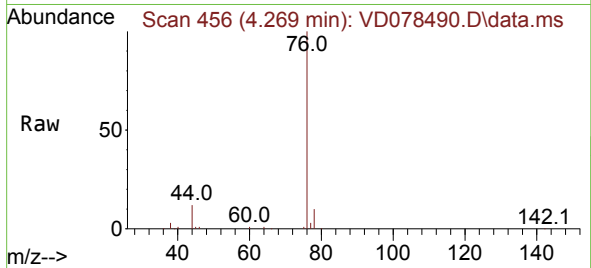




#17
Carbon Disulfide
Concen: 47.485 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

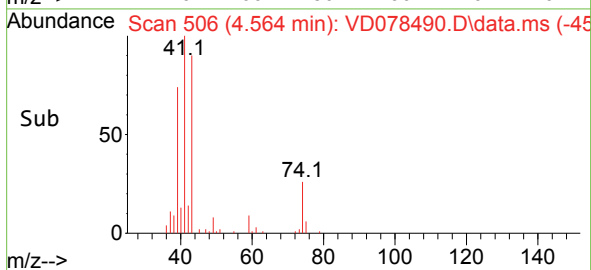
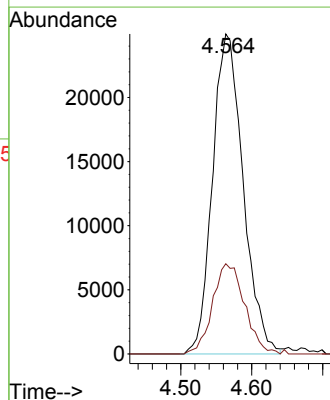
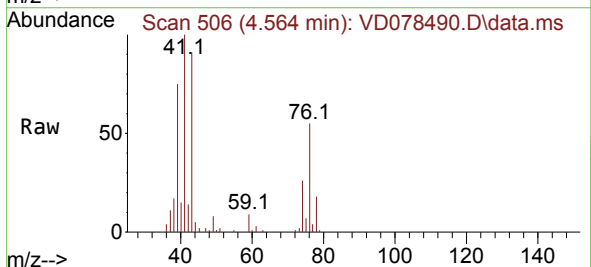
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

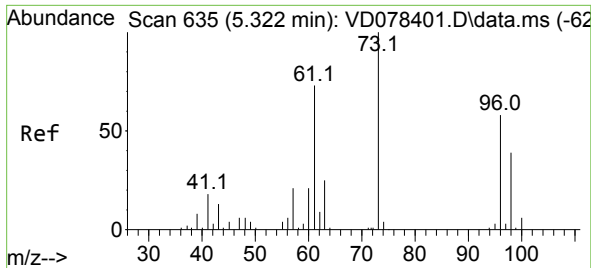
Tgt Ion: 76 Resp: 226732
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2



#18
Methyl Acetate
Concen: 70.774 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.011 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion: 43 Resp: 74662
Ion Ratio Lower Upper
43 100
74 29.5 26.4 39.6

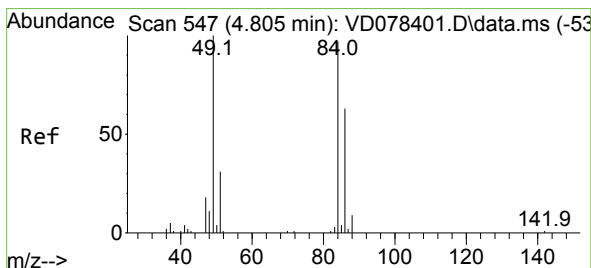
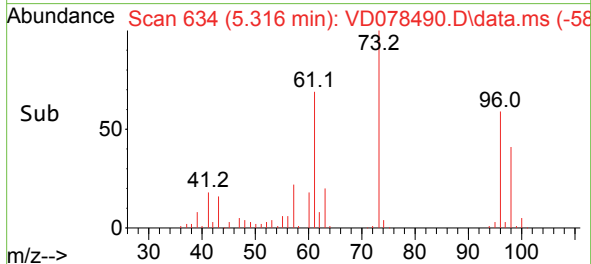
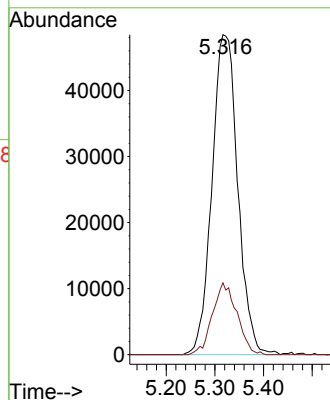
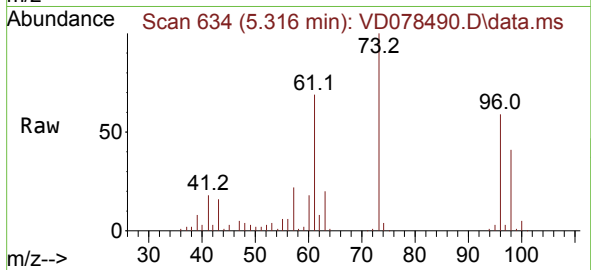




#19
Methyl tert-butyl Ether
Concen: 59.123 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

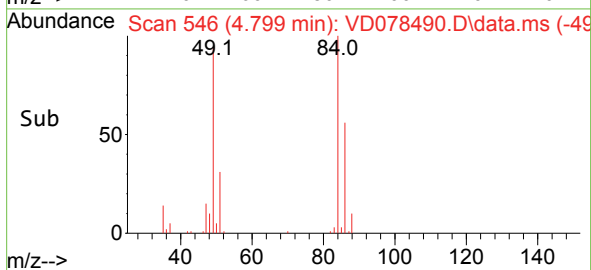
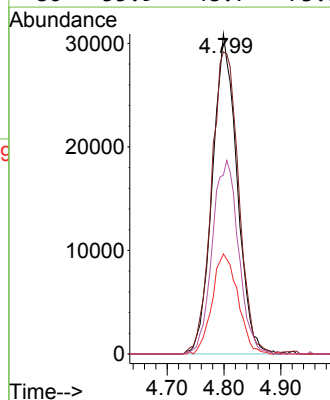
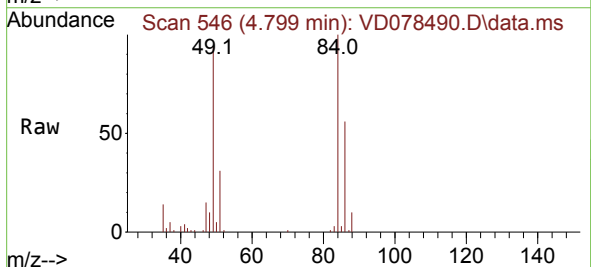
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

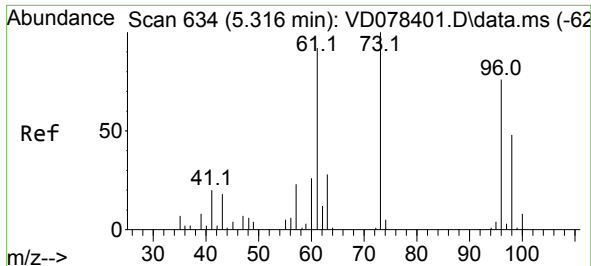
Tgt Ion: 73 Resp: 178248
Ion Ratio Lower Upper
73 100
57 22.5 16.6 25.0



#20
Methylene Chloride
Concen: 58.845 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion: 84 Resp: 92949
Ion Ratio Lower Upper
84 100
49 94.4 71.4 107.2
51 31.3 24.5 36.7
86 55.9 48.7 73.1

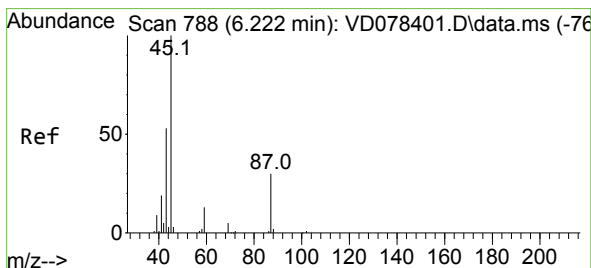
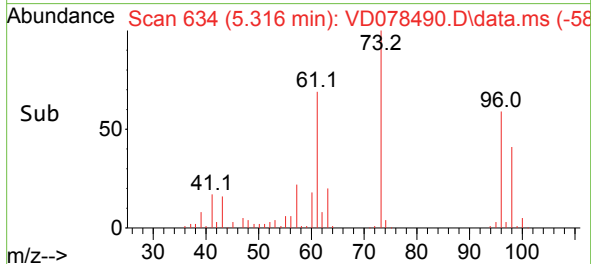
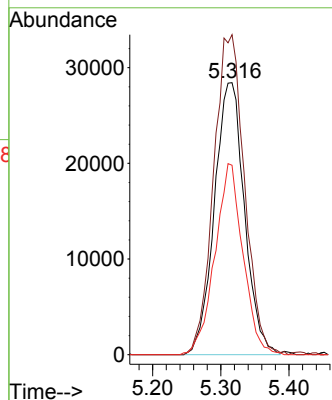
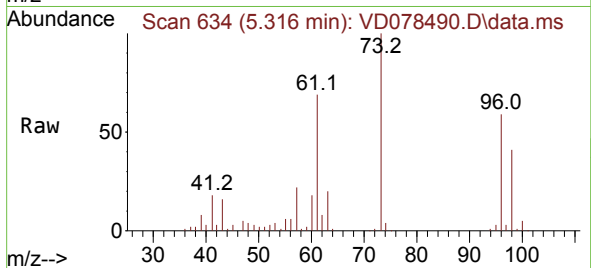




#21
trans-1,2-Dichloroethene
Concen: 52.201 ug/l
RT: 5.316 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

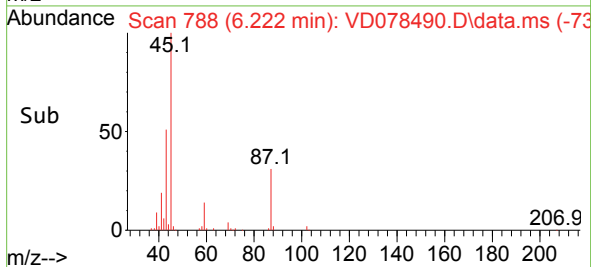
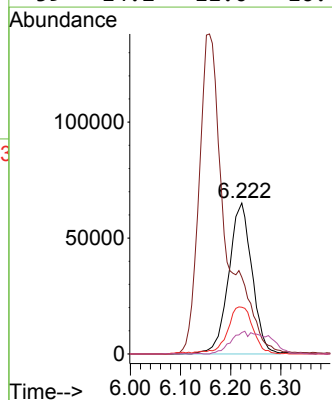
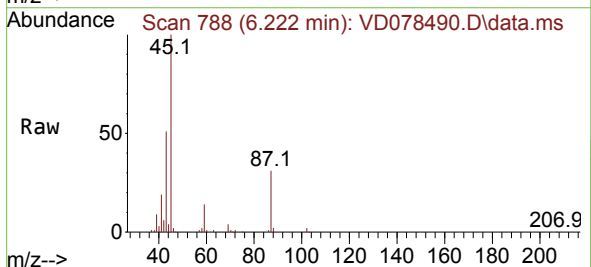
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

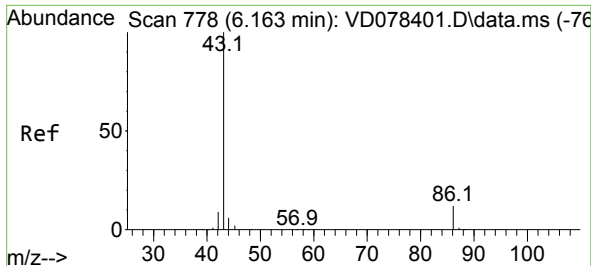
Tgt Ion: 96 Resp: 87141
Ion Ratio Lower Upper
96 100
61 117.6 89.3 133.9
98 69.7 48.6 73.0



#22
Diisopropyl ether
Concen: 54.315 ug/l
RT: 6.222 min Scan# 788
Delta R.T. -0.000 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion: 45 Resp: 209859
Ion Ratio Lower Upper
45 100
43 49.8 40.0 60.0
87 30.8 28.2 42.4
59 14.2 11.0 16.4

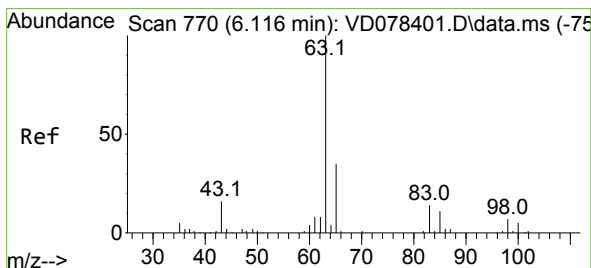
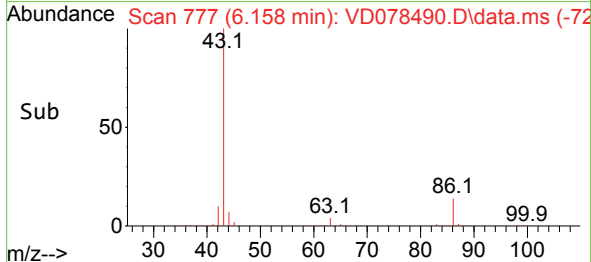
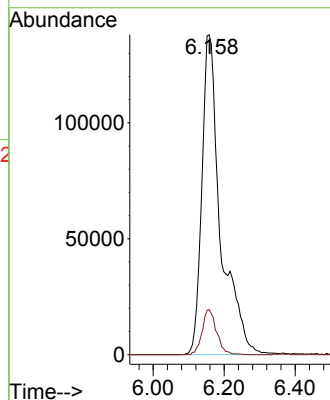
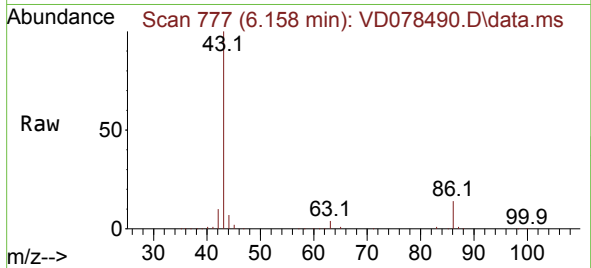




#23
 Vinyl Acetate
 Concen: 325.510 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.005 min
 Lab File: VD078490.D
 Acq: 20 Feb 2024 18:21

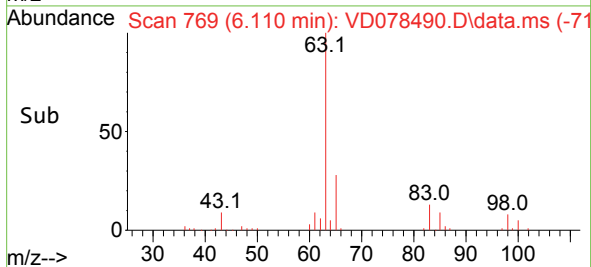
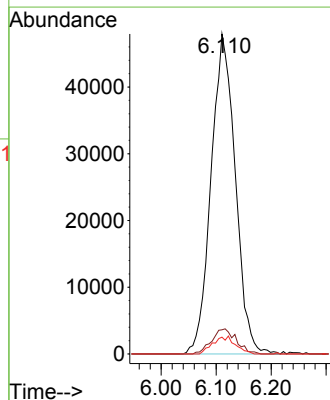
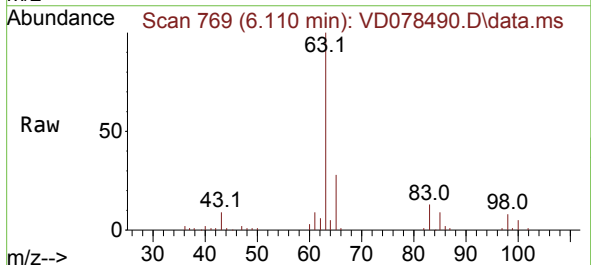
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

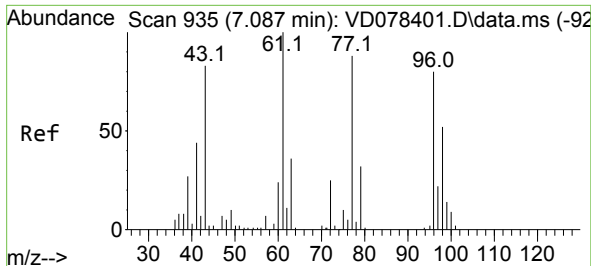
Tgt Ion: 43 Resp: 508759
 Ion Ratio Lower Upper
 43 100
 86 14.1 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 53.625 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078490.D
 Acq: 20 Feb 2024 18:21

Tgt Ion: 63 Resp: 146777
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.5 13.7
 100 5.3 2.5 7.5

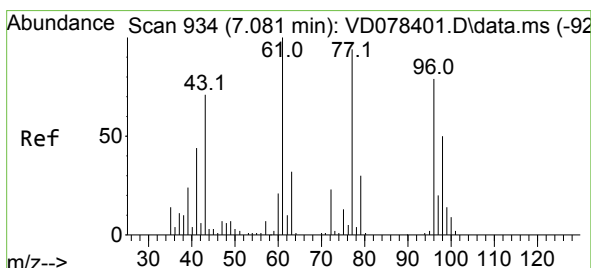
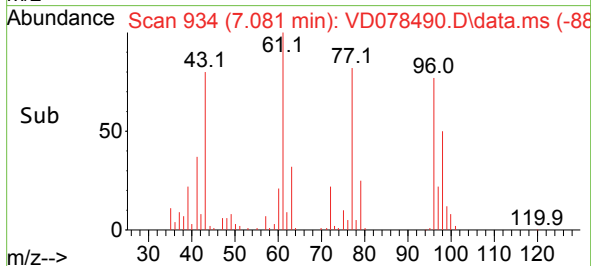
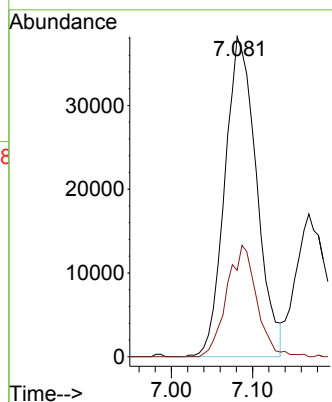
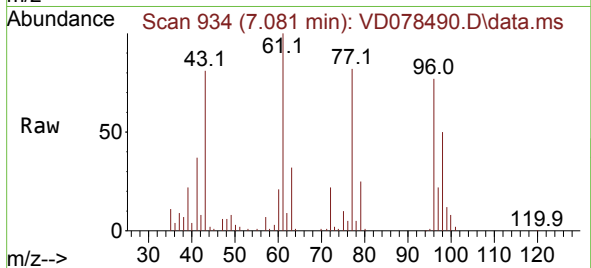




#25
2-Butanone
Concen: 293.512 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

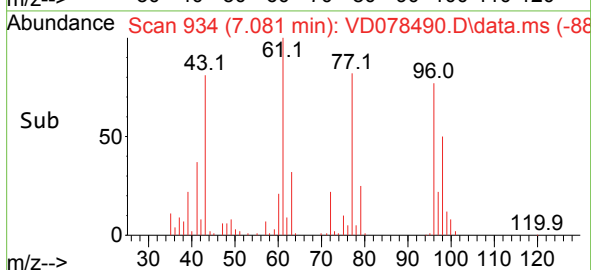
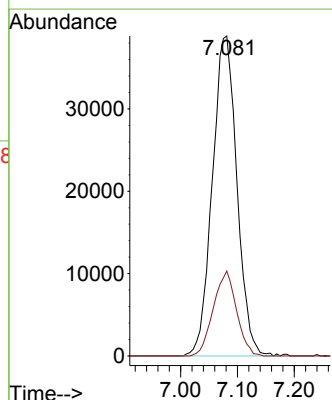
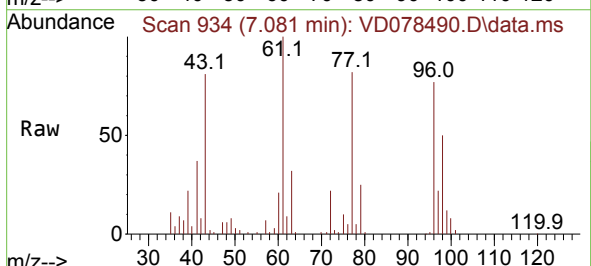
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

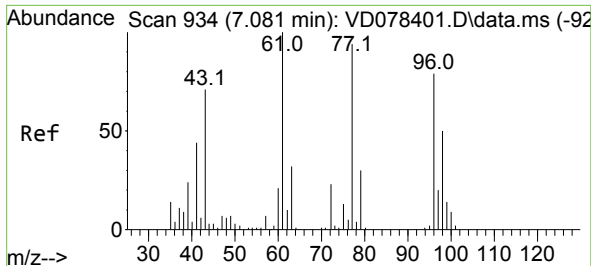
Tgt Ion: 43 Resp: 103690
Ion Ratio Lower Upper
43 100
72 27.0 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 50.849 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion: 77 Resp: 116675
Ion Ratio Lower Upper
77 100
97 25.0 13.2 39.6

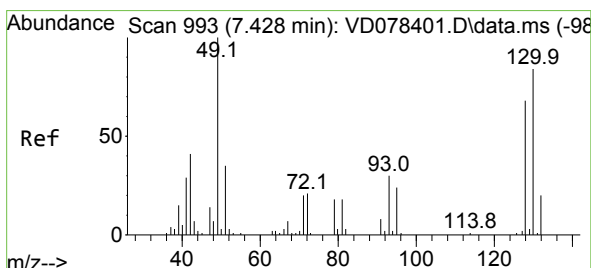
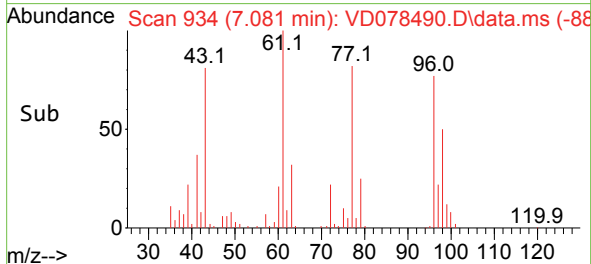
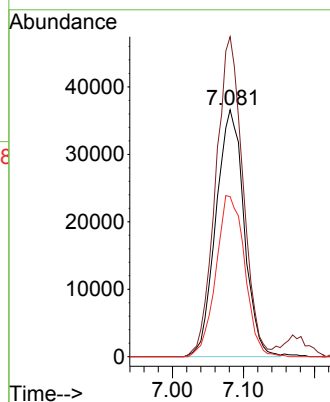
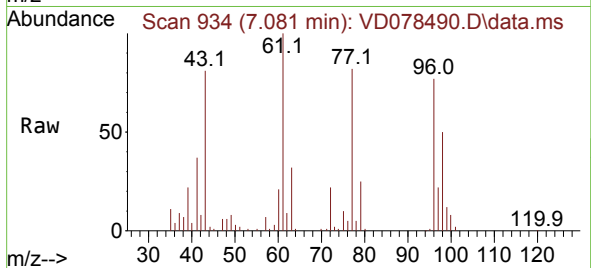




#27
cis-1,2-Dichloroethene
Concen: 54.924 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

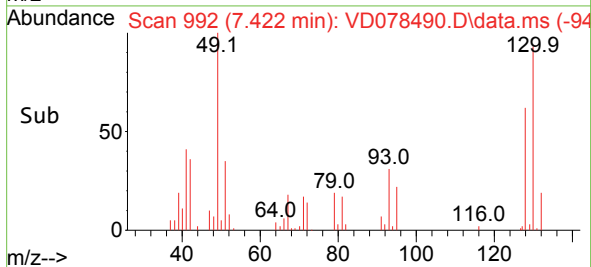
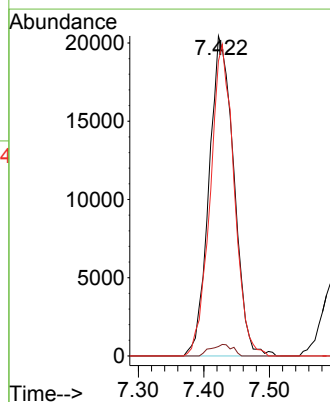
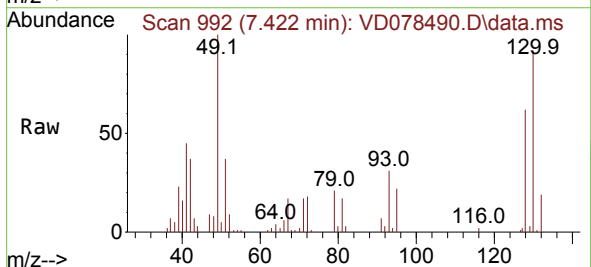
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

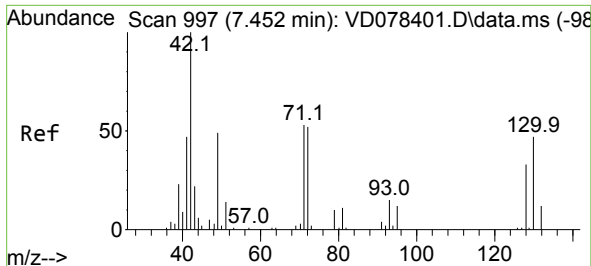
Tgt Ion: 96 Resp: 100595
Ion Ratio Lower Upper
96 100
61 125.5 0.0 239.2
98 66.6 0.0 128.6



#28
Bromochloromethane
Concen: 49.624 ug/l
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion: 49 Resp: 53797
Ion Ratio Lower Upper
49 100
129 3.2 0.0 6.0
130 93.5 83.2 124.8

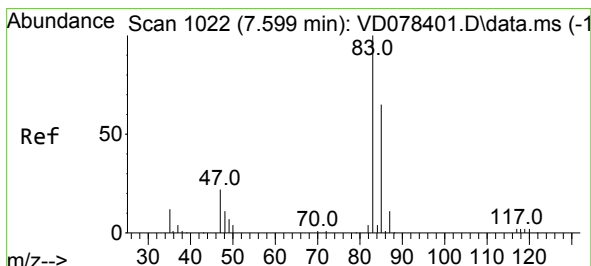
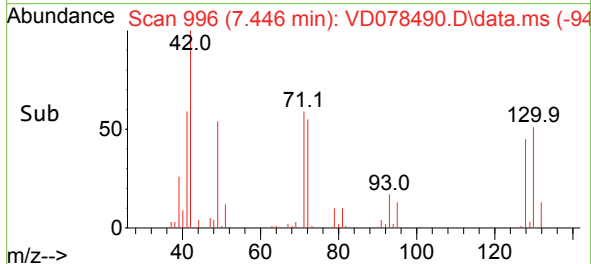
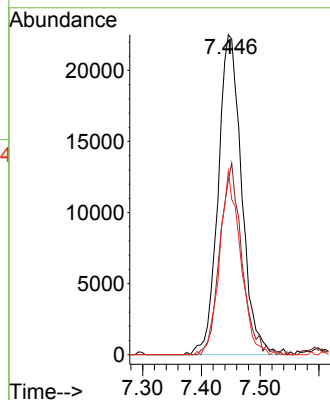
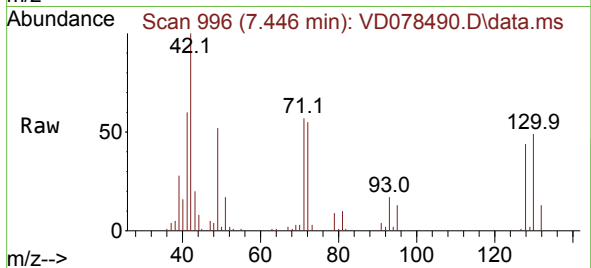




#29
Tetrahydrofuran
Concen: 298.524 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

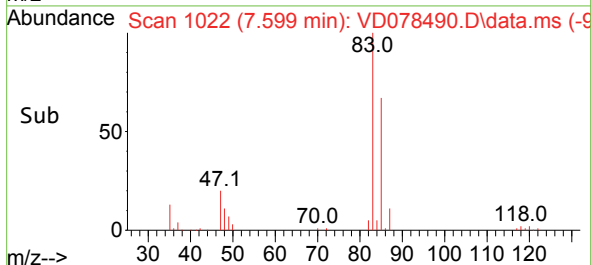
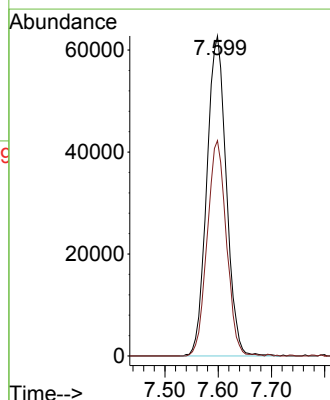
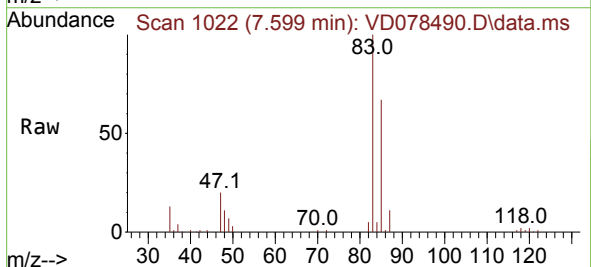
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

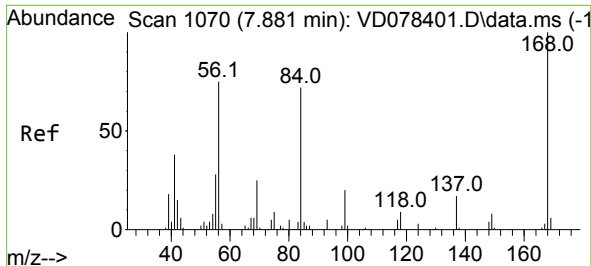
Tgt Ion: 42 Resp: 62484
Ion Ratio Lower Upper
42 100
72 55.7 46.5 69.7
71 51.2 44.5 66.7



#30
Chloroform
Concen: 54.951 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion: 83 Resp: 159136
Ion Ratio Lower Upper
83 100
85 67.3 53.4 80.2





#31

Cyclohexane

Concen: 46.688 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078490.D

Acq: 20 Feb 2024 18:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

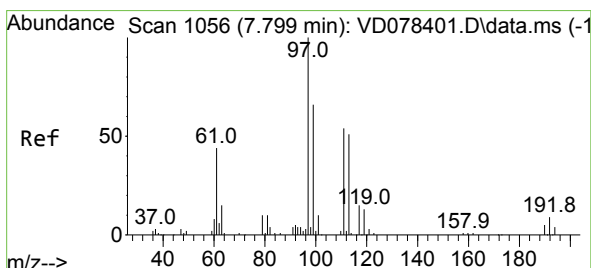
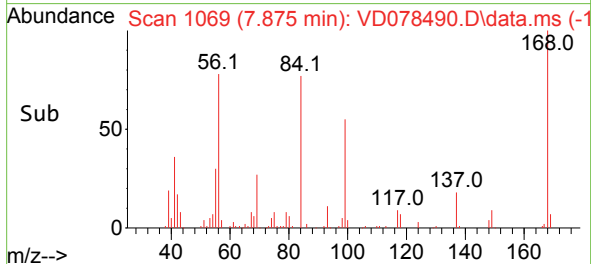
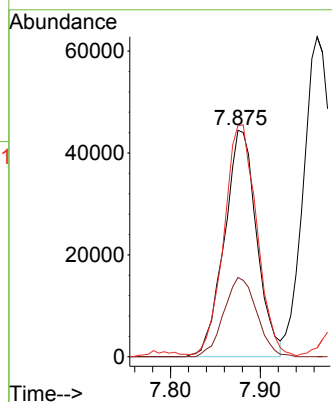
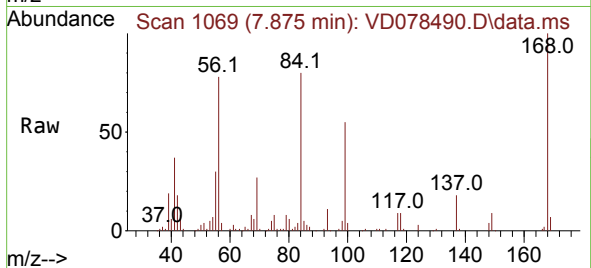
Tgt Ion: 56 Resp: 111157

Ion Ratio Lower Upper

56 100

69 35.0 28.6 43.0

84 101.0 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 53.404 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD078490.D

Acq: 20 Feb 2024 18:21

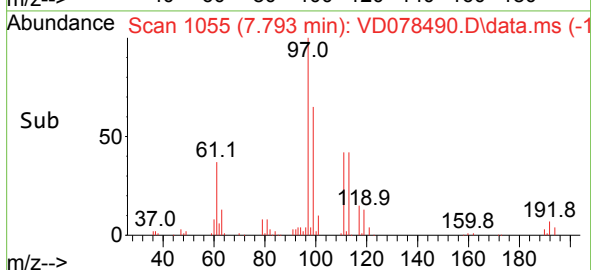
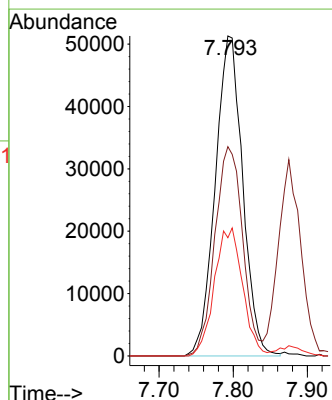
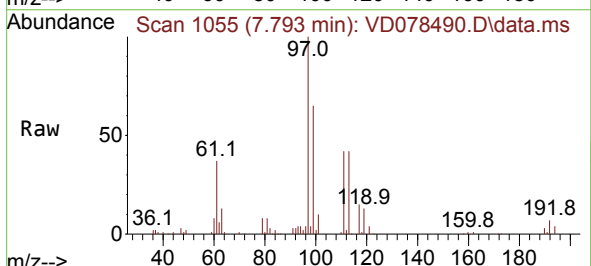
Tgt Ion: 97 Resp: 131858

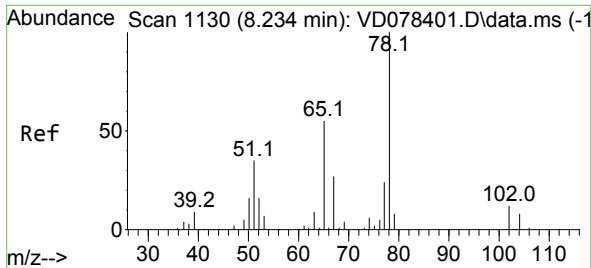
Ion Ratio Lower Upper

97 100

99 66.5 52.0 78.0

61 41.0 33.8 50.8

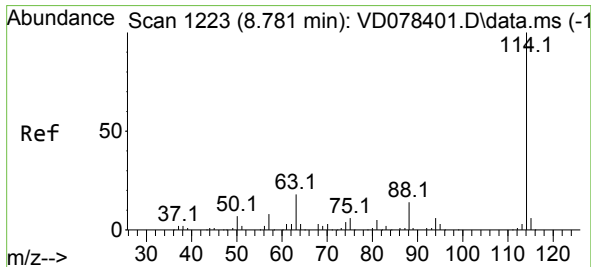
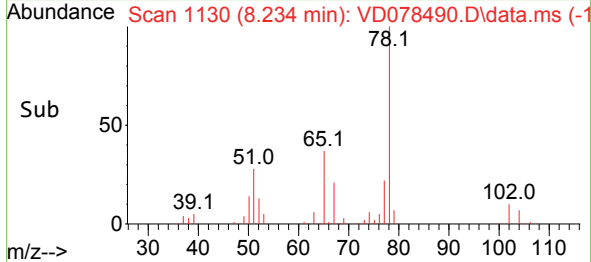
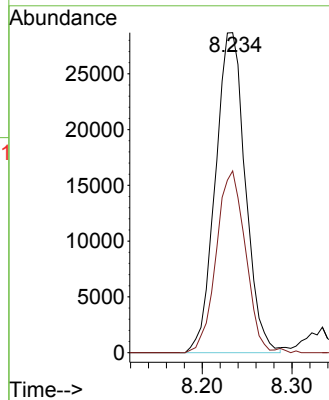
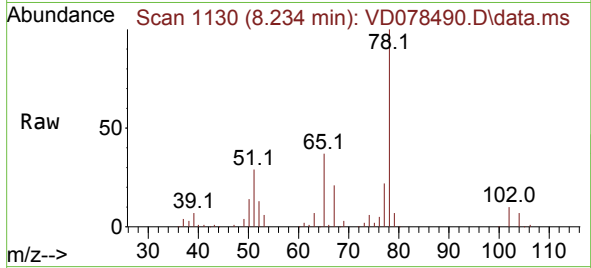




#33
1,2-Dichloroethane-d4
Concen: 47.249 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

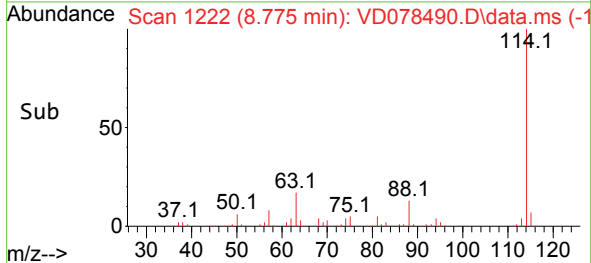
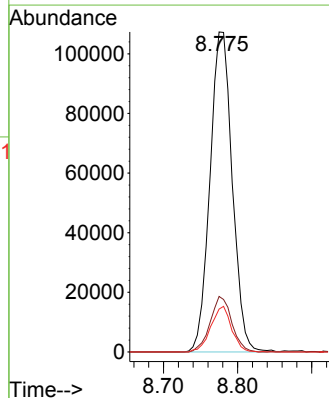
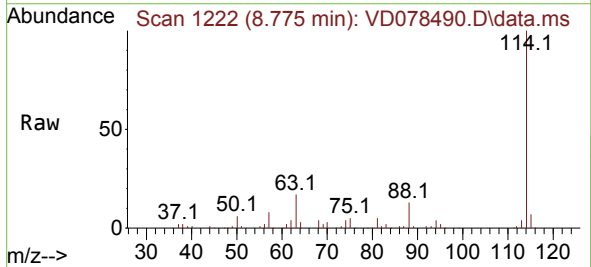
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 66500
Ion Ratio Lower Upper
65 100
67 55.6 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion:114 Resp: 224509
Ion Ratio Lower Upper
114 100
63 17.3 0.0 33.4
88 13.4 0.0 26.2

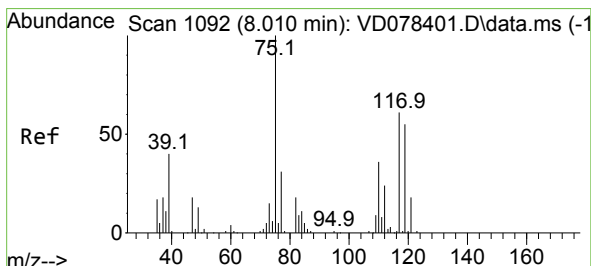
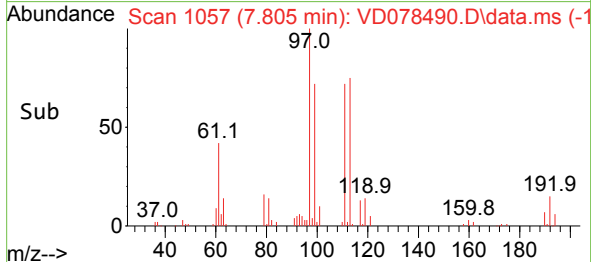
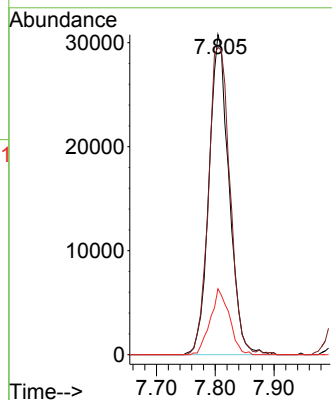
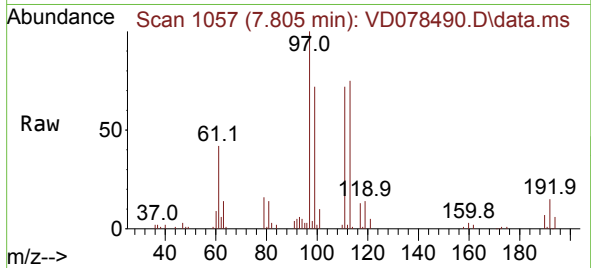




#35
Dibromofluoromethane
Concen: 51.107 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

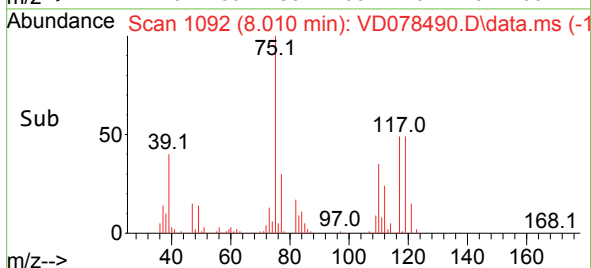
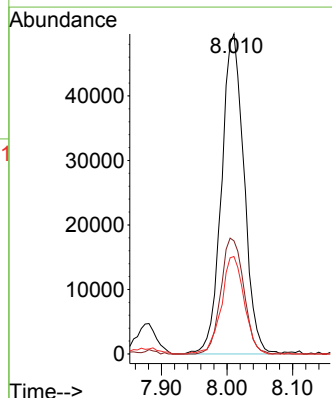
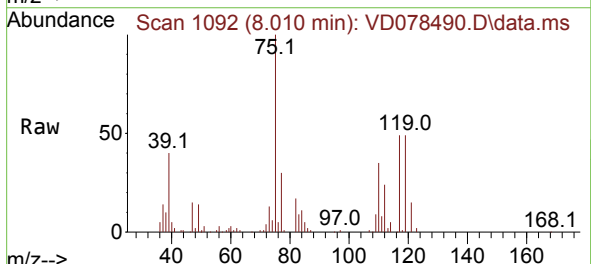
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

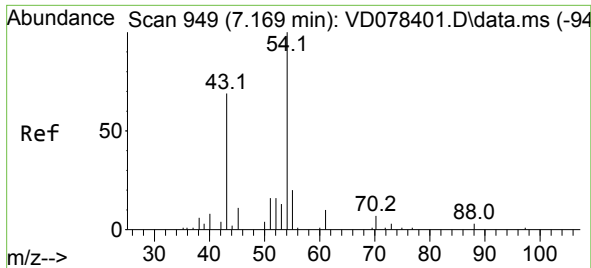
Tgt Ion:113 Resp: 72885
Ion Ratio Lower Upper
113 100
111 103.3 84.7 127.1
192 19.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 53.286 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion: 75 Resp: 118052
Ion Ratio Lower Upper
75 100
110 36.9 19.9 59.6
77 30.9 24.7 37.1

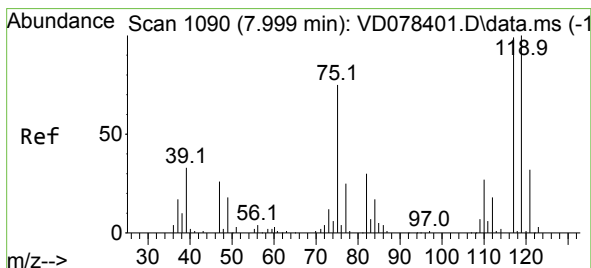
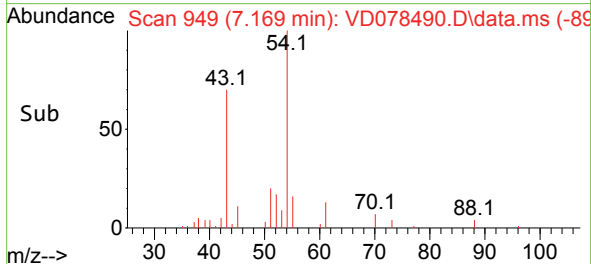
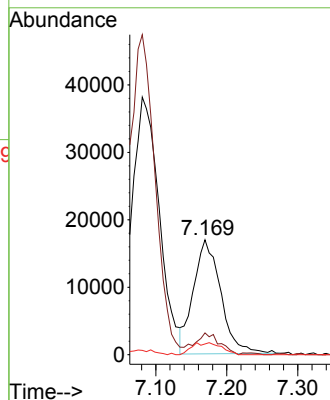
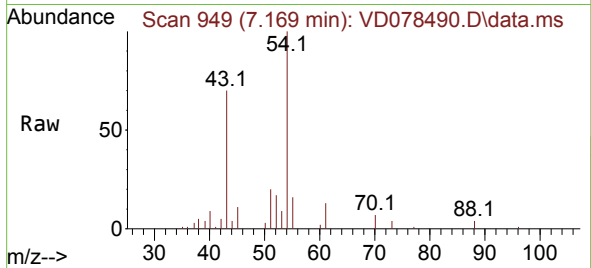




#37
Ethyl Acetate
Concen: 58.352 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

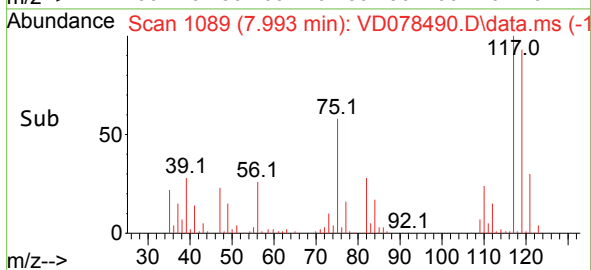
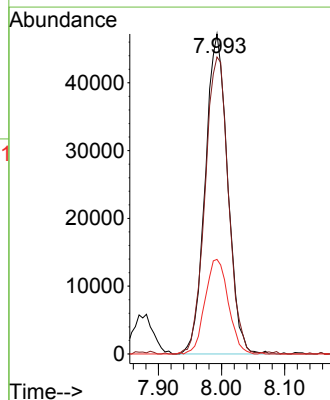
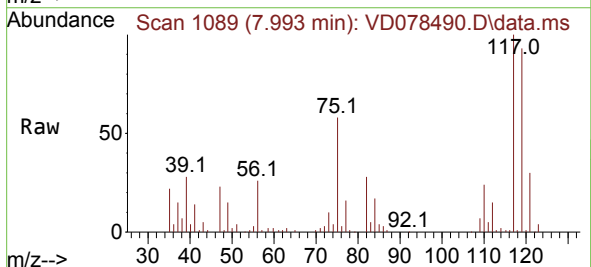
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

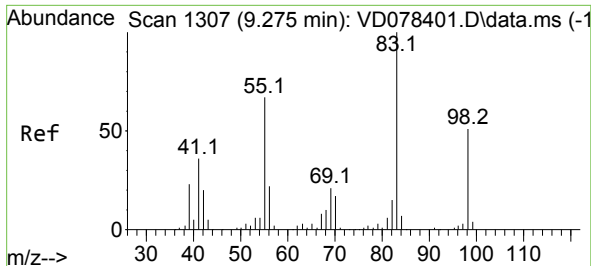
Tgt Ion: 43 Resp: 45317
Ion Ratio Lower Upper
43 100
61 16.9 14.9 22.3
70 11.2 10.0 15.0



#38
Carbon Tetrachloride
Concen: 53.106 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion: 117 Resp: 116516
Ion Ratio Lower Upper
117 100
119 92.8 78.0 117.0
121 29.5 24.2 36.2





#39

Methylcyclohexane

Concen: 52.397 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD078490.D

Acq: 20 Feb 2024 18:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

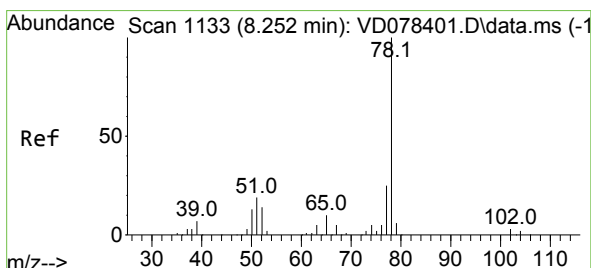
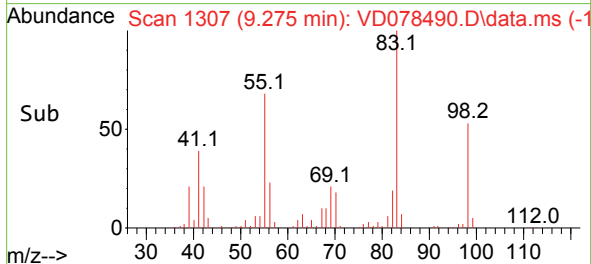
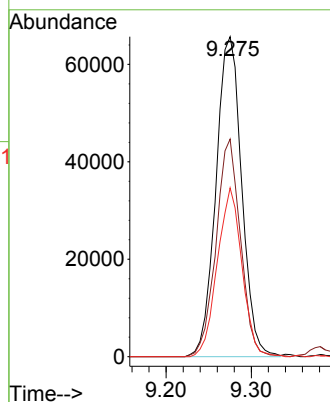
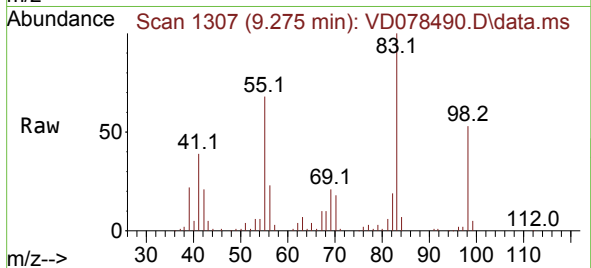
Tgt Ion: 83 Resp: 137810

Ion Ratio Lower Upper

83 100

55 68.0 49.4 74.0

98 52.8 38.4 57.6



#40

Benzene

Concen: 55.179 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD078490.D

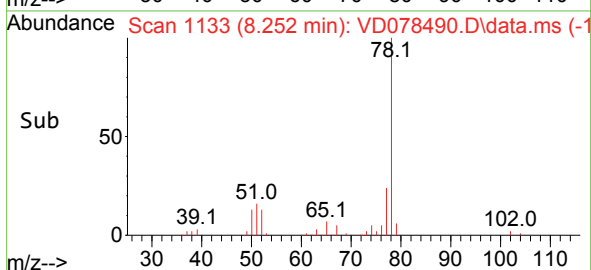
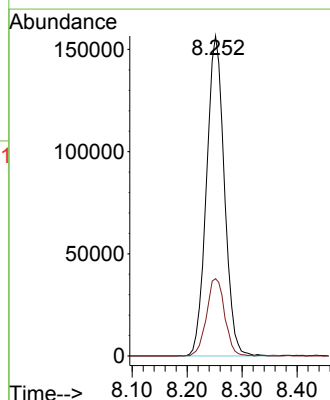
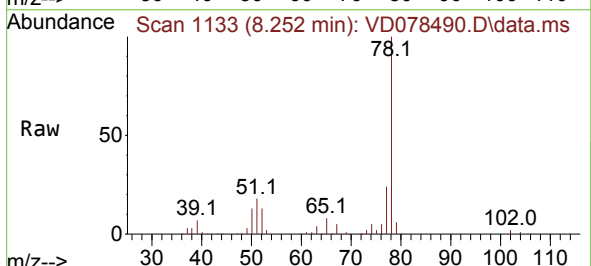
Acq: 20 Feb 2024 18:21

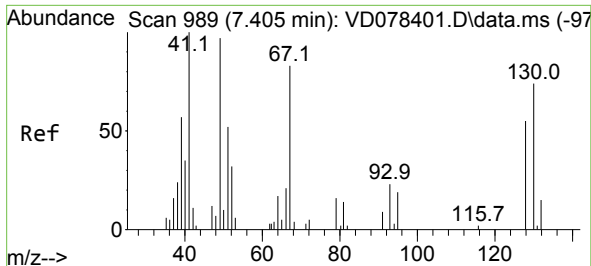
Tgt Ion: 78 Resp: 353347

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0



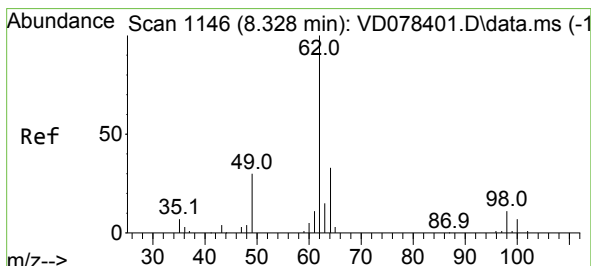
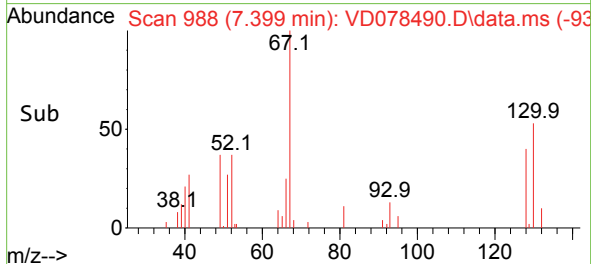
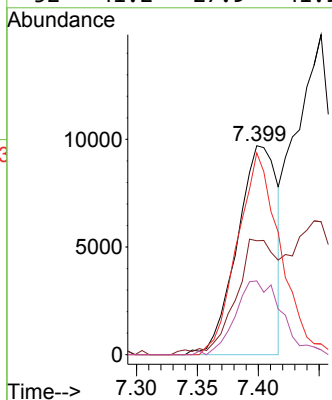
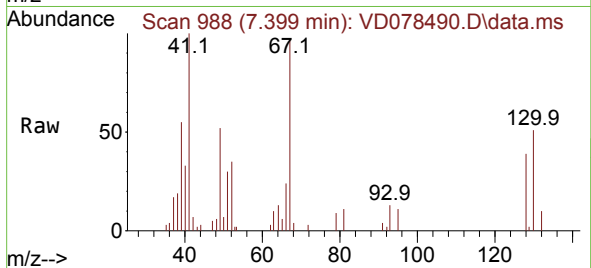


#41
Methacrylonitrile
Concen: 54.642 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 22085

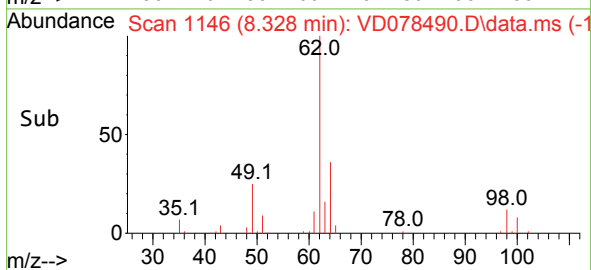
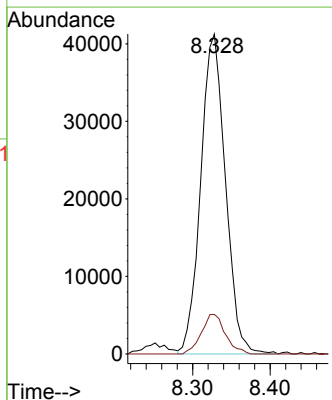
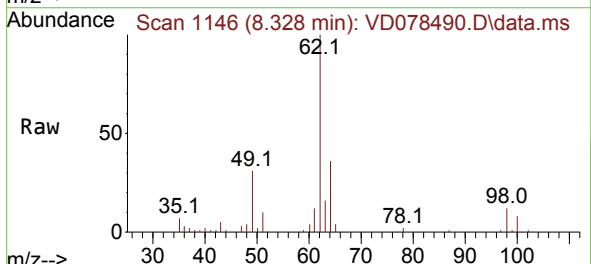
Ion	Ratio	Lower	Upper
41	100		
39	56.6	34.0	51.0#
67	105.2	77.0	115.4
52	41.2	27.9	41.9

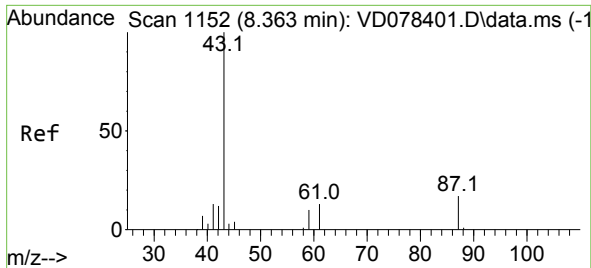


#42
1,2-Dichloroethane
Concen: 55.144 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion: 62 Resp: 91370

Ion	Ratio	Lower	Upper
62	100		
98	12.0	0.0	25.4

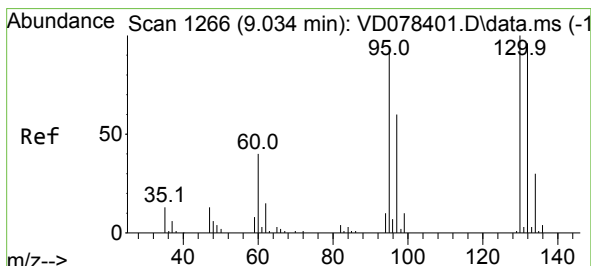
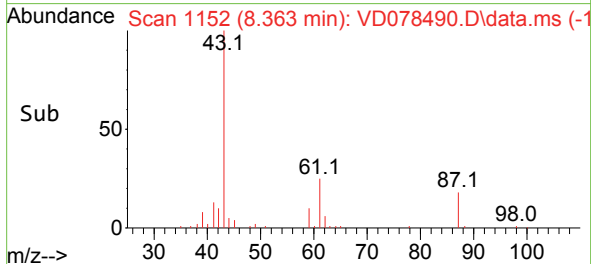
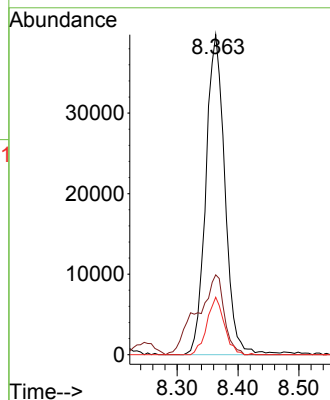
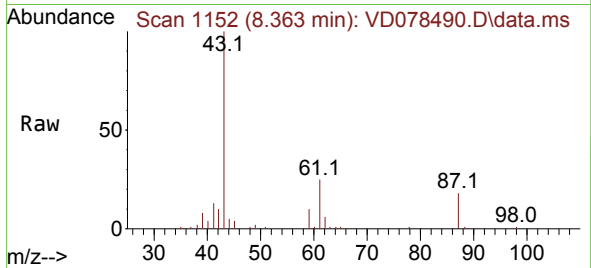




#43
Isopropyl Acetate
Concen: 59.765 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

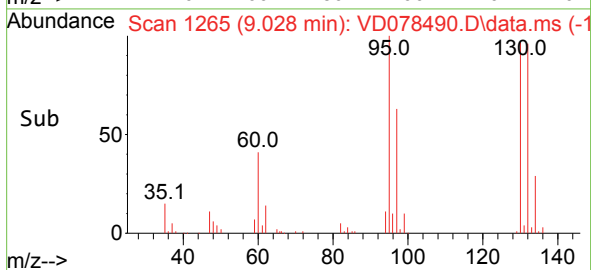
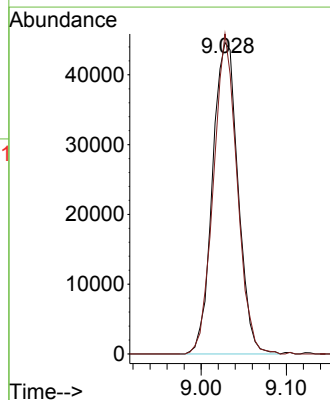
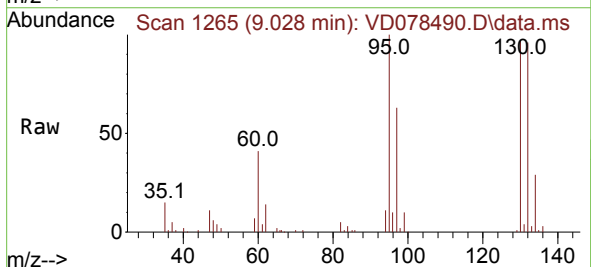
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

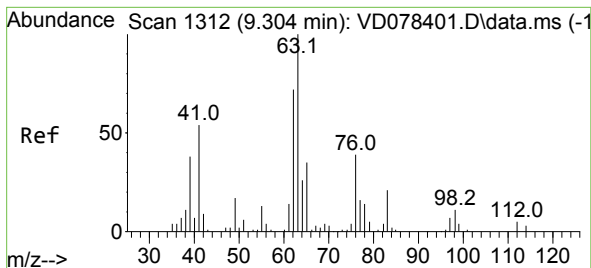
Tgt Ion: 43	Resp:	85948
Ion Ratio	Lower	Upper
43	100	
61	35.5	31.4 47.0
87	16.4	14.9 22.3



#44
Trichloroethene
Concen: 56.732 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion: 130	Resp:	92682
Ion Ratio	Lower	Upper
130	100	
95	102.8	0.0 179.2





#45

1,2-Dichloropropane

Concen: 55.515 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078490.D

Acq: 20 Feb 2024 18:21

Instrument :

MSVOA_D

ClientSampleId :

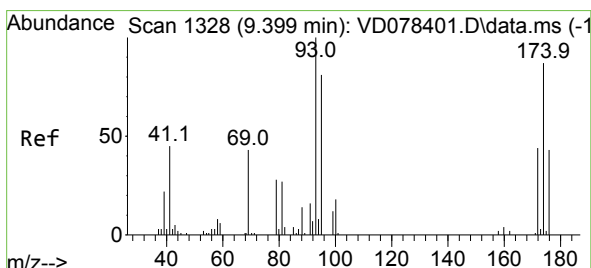
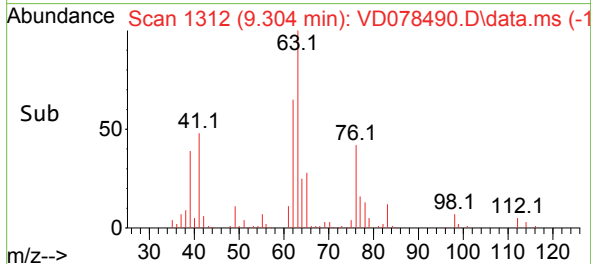
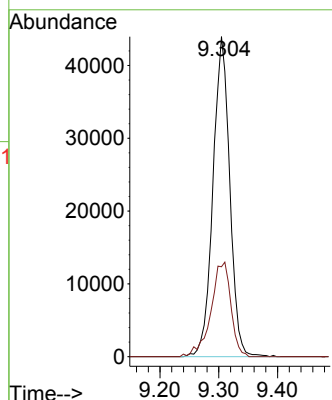
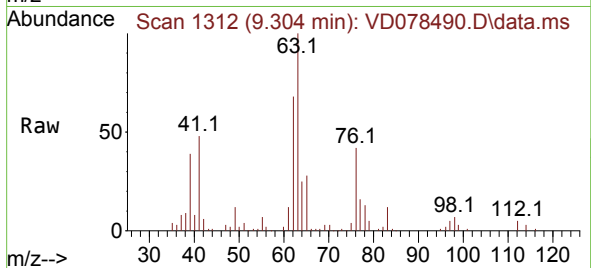
VSTDCCC050EC

Tgt Ion: 63 Resp: 87223

Ion Ratio Lower Upper

63 100

65 28.1 24.5 36.7



#46

Dibromomethane

Concen: 57.896 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078490.D

Acq: 20 Feb 2024 18:21

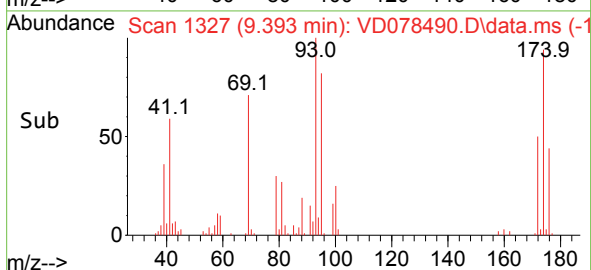
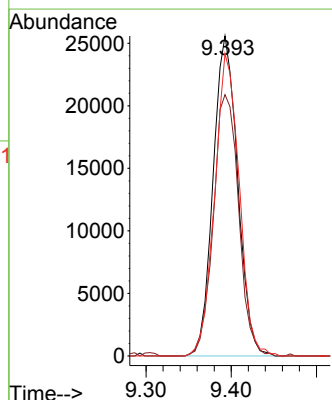
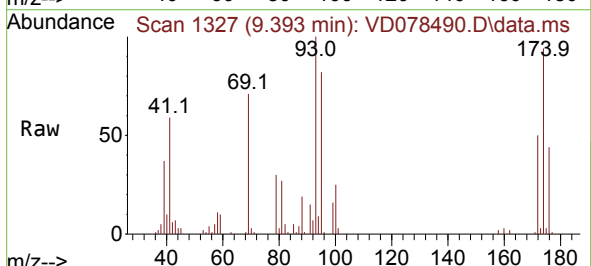
Tgt Ion: 93 Resp: 51164

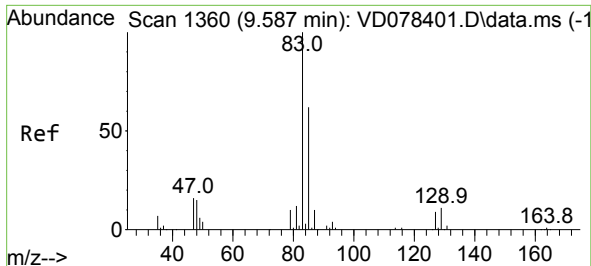
Ion Ratio Lower Upper

93 100

95 84.2 67.7 101.5

174 94.7 85.4 128.2





#47

Bromodichloromethane

Concen: 55.398 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD078490.D

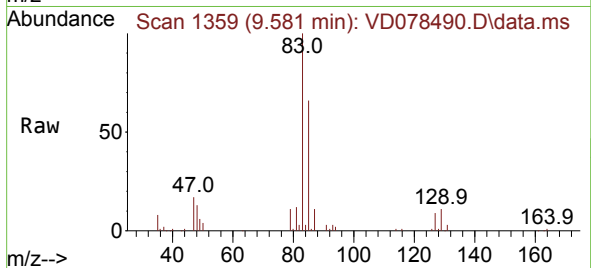
Acq: 20 Feb 2024 18:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



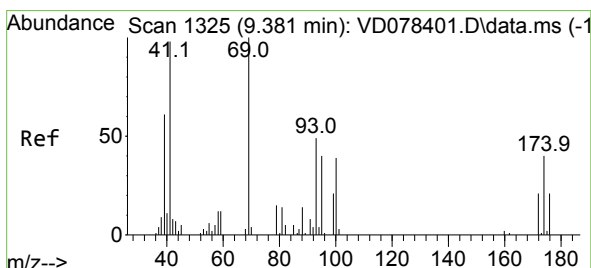
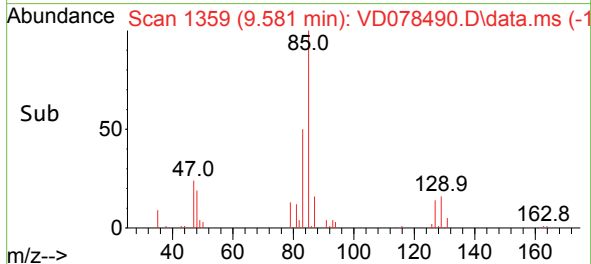
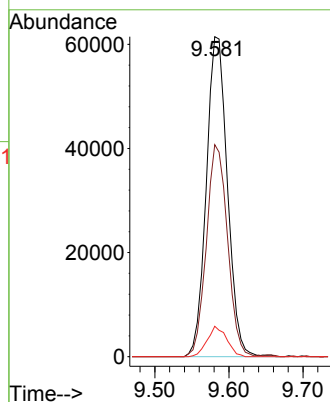
Tgt Ion: 83 Resp: 121258

Ion Ratio Lower Upper

83 100

85 66.3 50.2 75.4

127 9.5 6.3 9.5#



#48

Methyl methacrylate

Concen: 64.464 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD078490.D

Acq: 20 Feb 2024 18:21

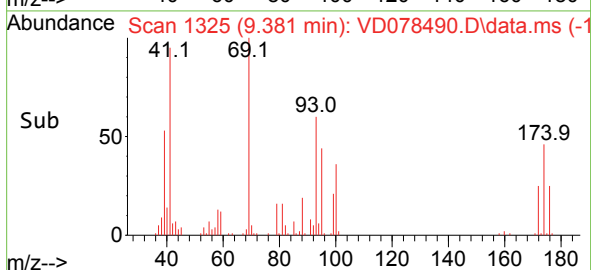
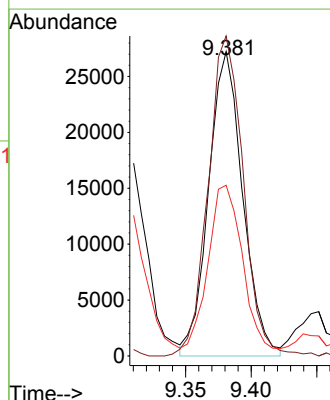
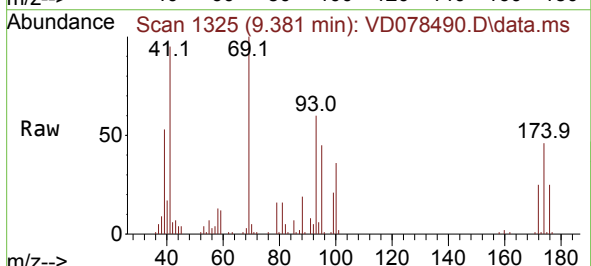
Tgt Ion: 41 Resp: 49184

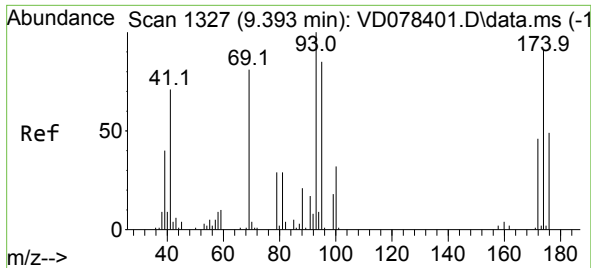
Ion Ratio Lower Upper

41 100

69 108.2 102.2 153.2

39 53.4 41.4 62.2





#49

1,4-Dioxane

Concen: 1324.286 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078490.D

Acq: 20 Feb 2024 18:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

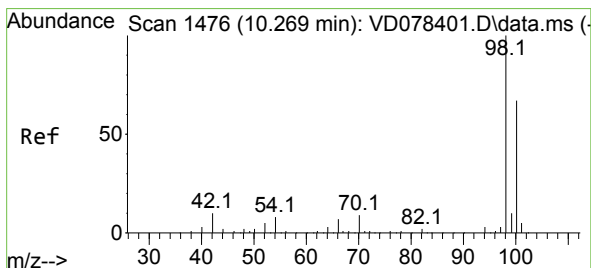
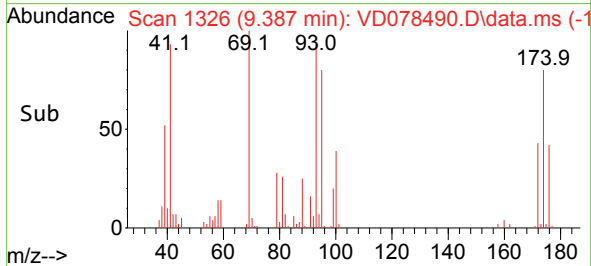
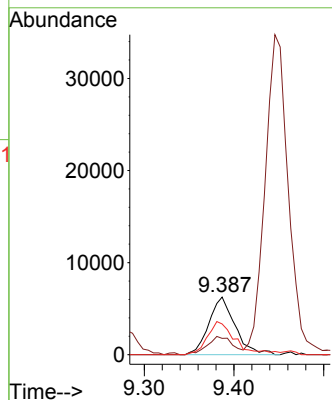
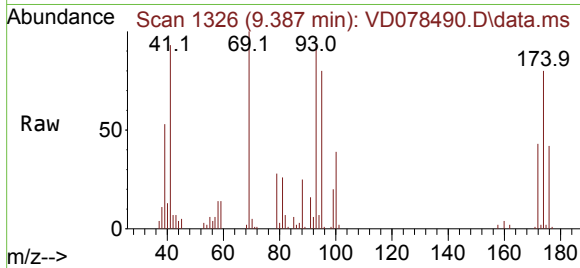
Tgt Ion: 88 Resp: 12674

Ion Ratio Lower Upper

88 100

43 30.9 19.0 28.6#

58 61.1 43.5 65.3



#50

Toluene-d8

Concen: 49.452 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078490.D

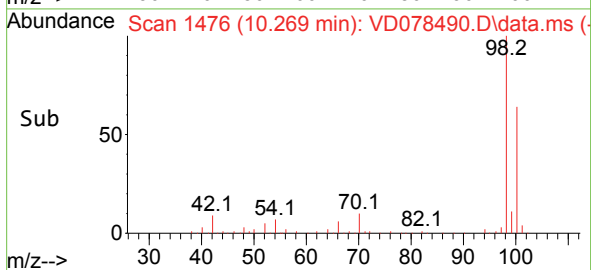
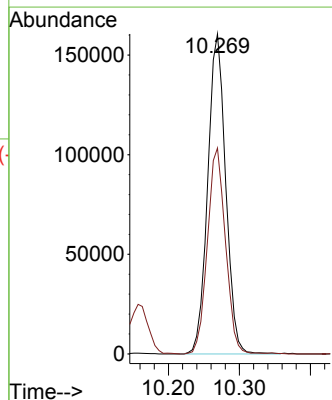
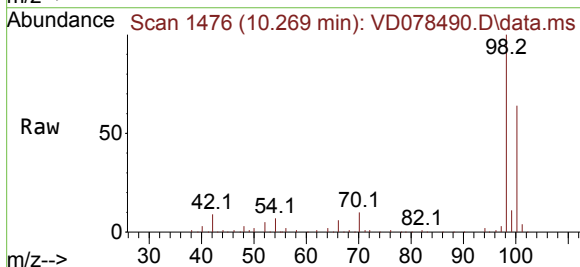
Acq: 20 Feb 2024 18:21

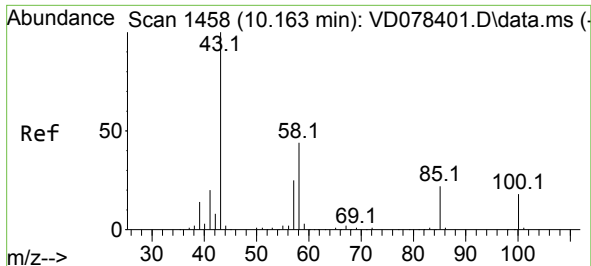
Tgt Ion: 98 Resp: 282118

Ion Ratio Lower Upper

98 100

100 64.8 50.3 75.5

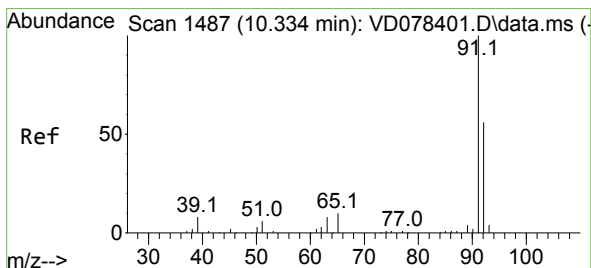
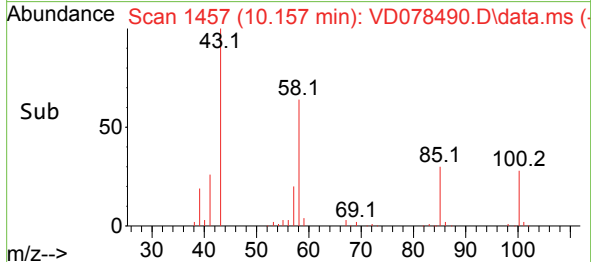
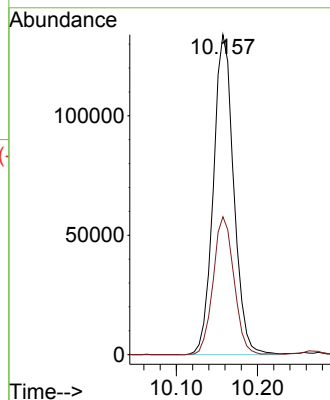
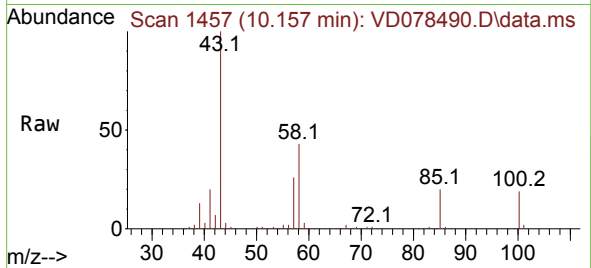




#51
4-Methyl-2-Pentanone
Concen: 306.508 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

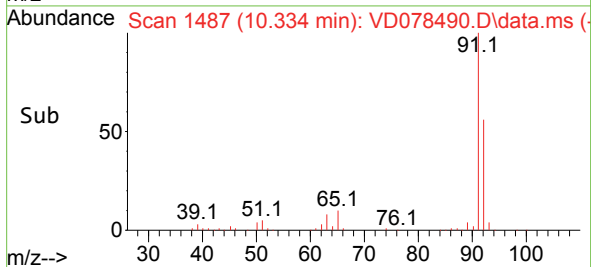
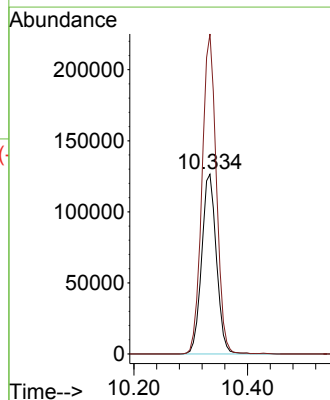
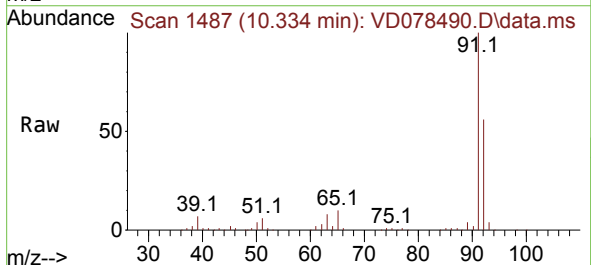
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

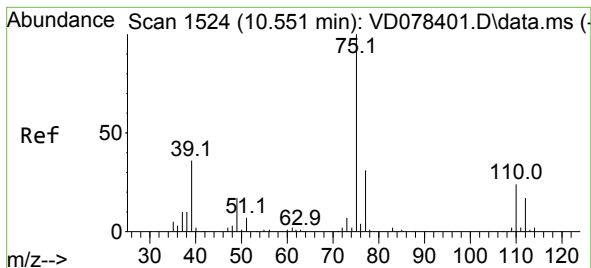
Tgt Ion: 43 Resp: 233948
Ion Ratio Lower Upper
43 100
58 44.2 38.9 58.3



#52
Toluene
Concen: 56.310 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion: 92 Resp: 228030
Ion Ratio Lower Upper
92 100
91 173.3 143.0 214.4

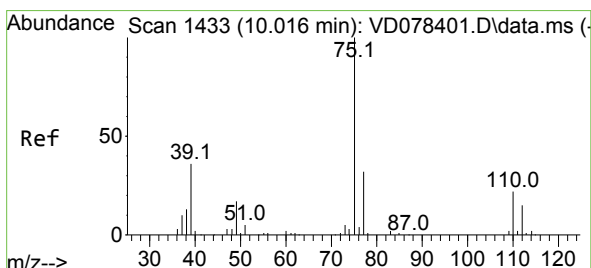
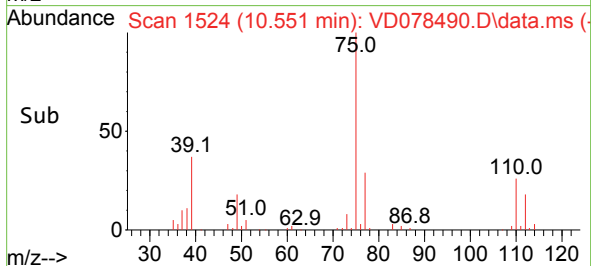
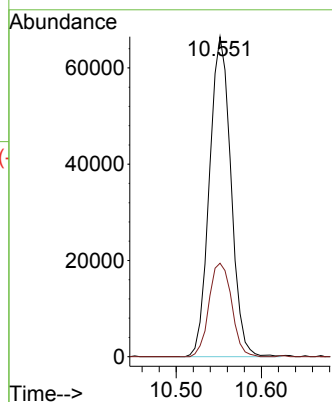
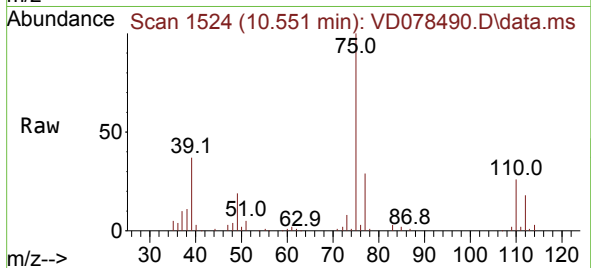




#53
t-1,3-Dichloropropene
Concen: 58.251 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

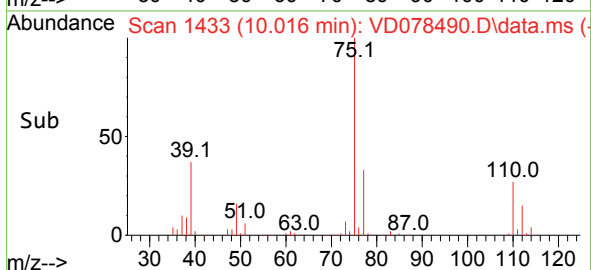
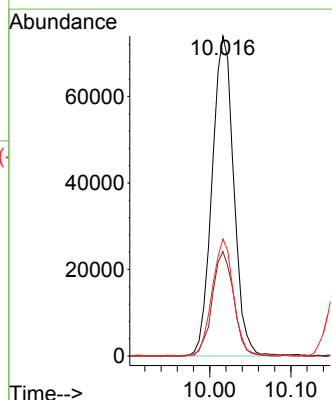
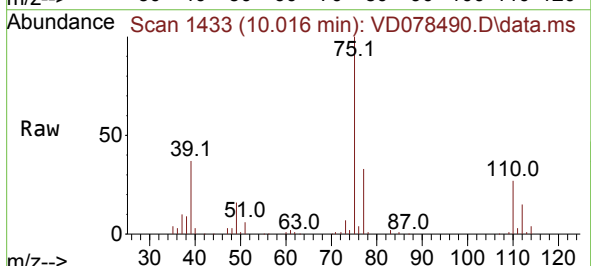
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

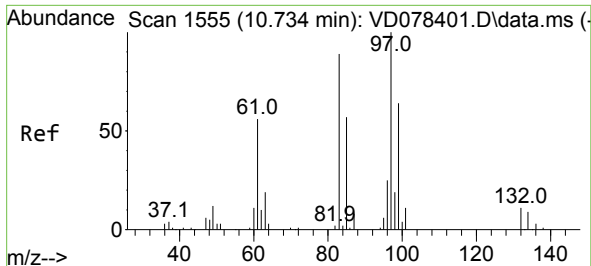
Tgt Ion: 75 Resp: 116343
Ion Ratio Lower Upper
75 100
77 29.2 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 56.600 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

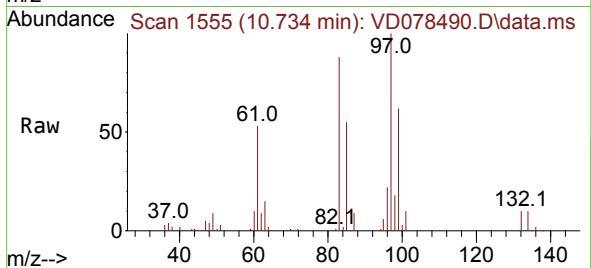
Tgt Ion: 75 Resp: 137076
Ion Ratio Lower Upper
75 100
77 32.7 25.5 38.3
39 36.5 22.1 33.1#



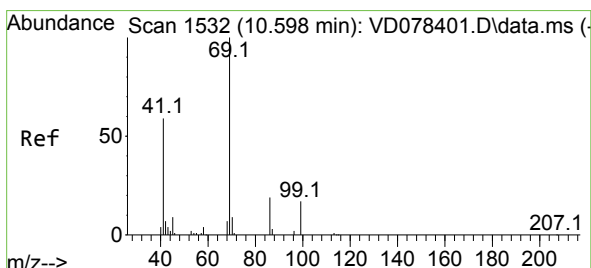
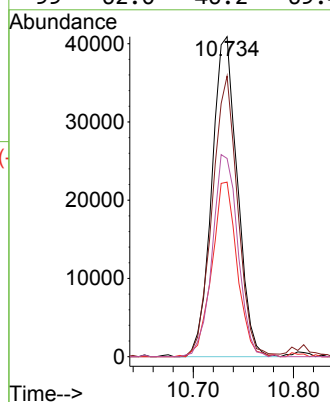
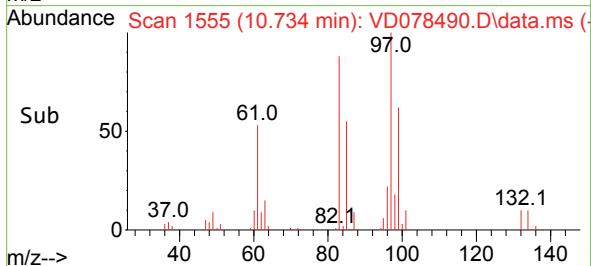


#55
1,1,2-Trichloroethane
Concen: 60.938 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

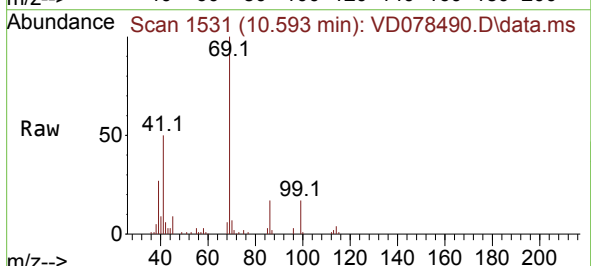
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



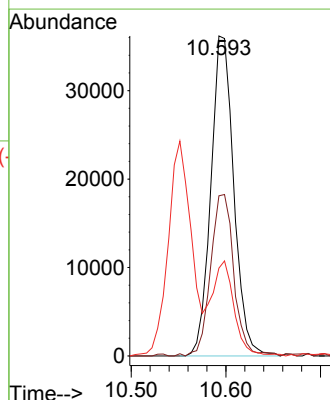
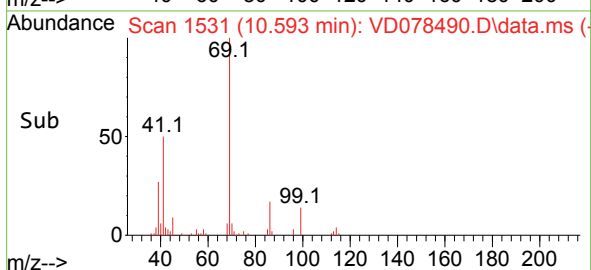
Tgt Ion: 97	Resp: 72523
Ion Ratio	Lower Upper
97 100	
83 87.7	65.8 98.6
85 54.6	45.7 68.5
99 62.0	46.2 69.4

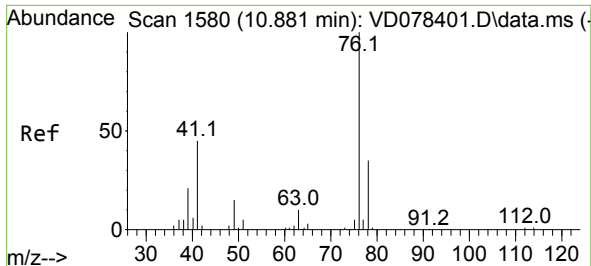


#56
Ethyl methacrylate
Concen: 55.443 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21



Tgt Ion: 69	Resp: 61025
Ion Ratio	Lower Upper
69 100	
41 51.3	39.1 58.7
39 29.5	20.0 30.0





#57

1,3-Dichloropropane

Concen: 58.555 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078490.D

Acq: 20 Feb 2024 18:21

Instrument :

MSVOA_D

ClientSampleId :

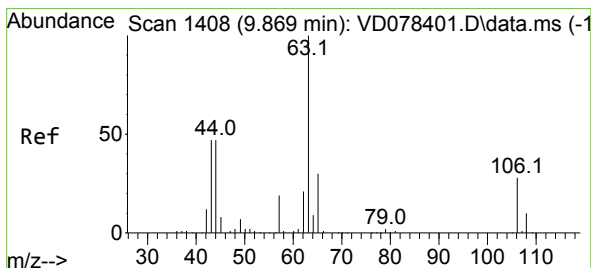
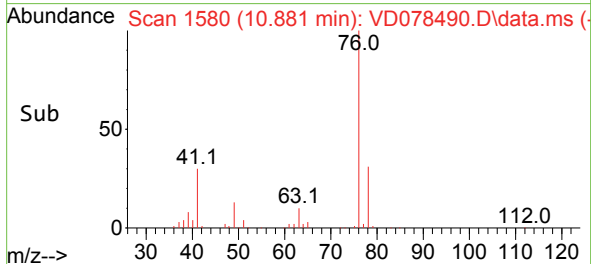
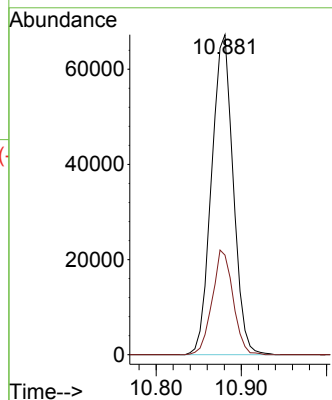
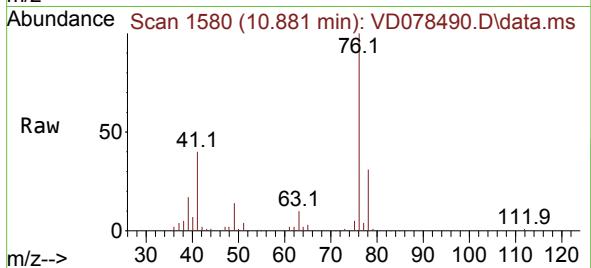
VSTDCCC050EC

Tgt Ion: 76 Resp: 118543

Ion Ratio Lower Upper

76 100

78 31.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 264.952 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078490.D

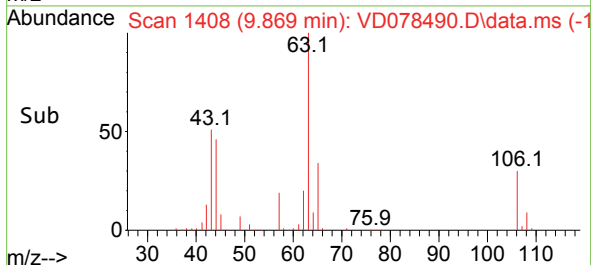
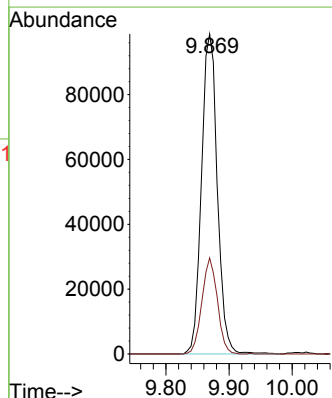
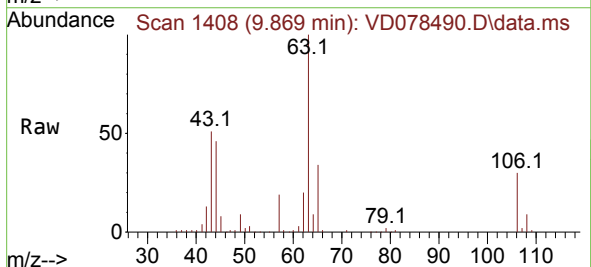
Acq: 20 Feb 2024 18:21

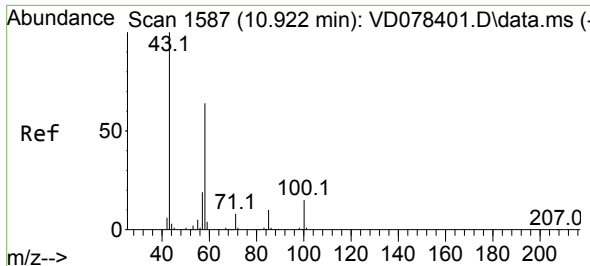
Tgt Ion: 63 Resp: 171781

Ion Ratio Lower Upper

63 100

106 29.2 25.3 37.9

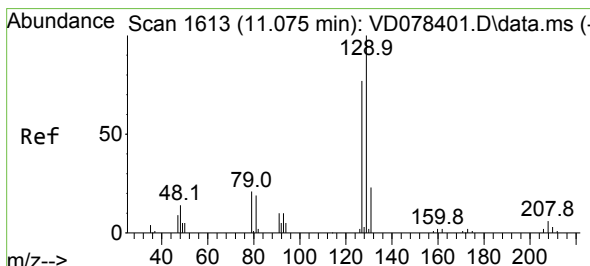
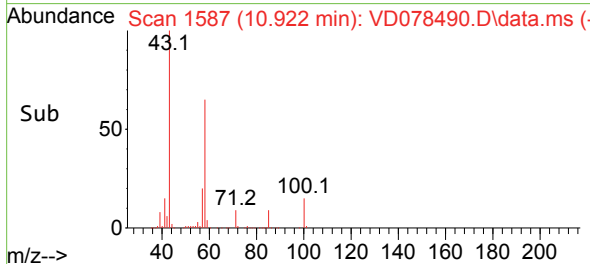
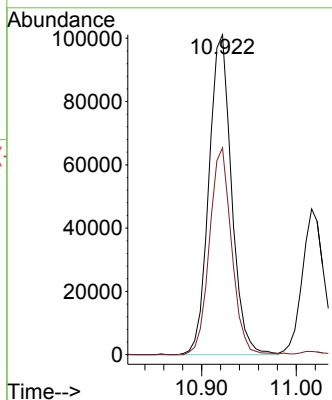
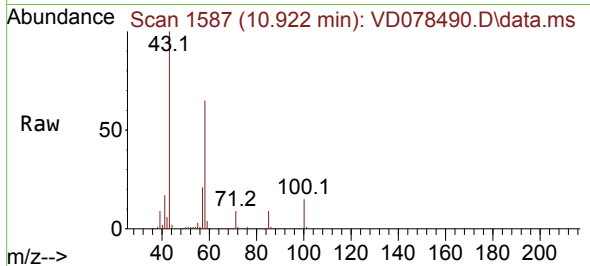




#59
2-Hexanone
Concen: 292.427 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

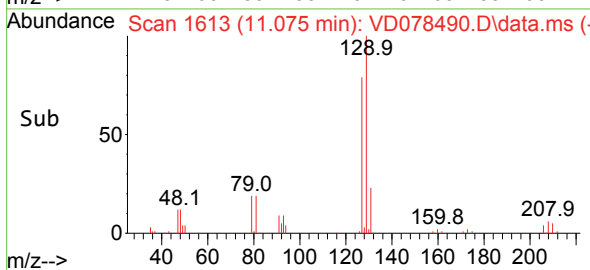
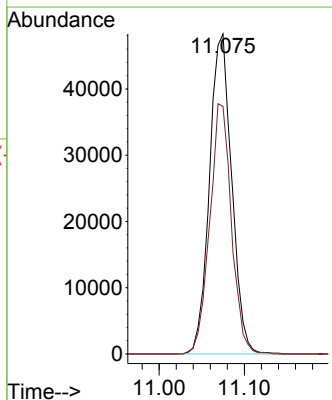
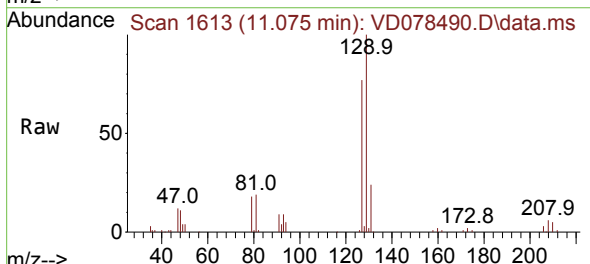
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

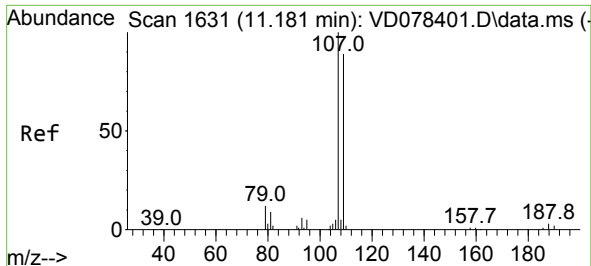
Tgt Ion: 43 Resp: 167738
Ion Ratio Lower Upper
43 100
58 63.2 34.1 102.2



#60
Dibromochloromethane
Concen: 61.000 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion: 129 Resp: 87347
Ion Ratio Lower Upper
129 100
127 76.4 37.1 111.5

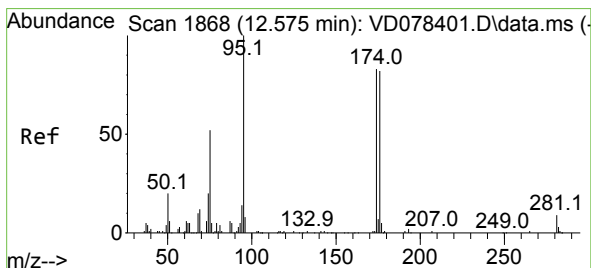
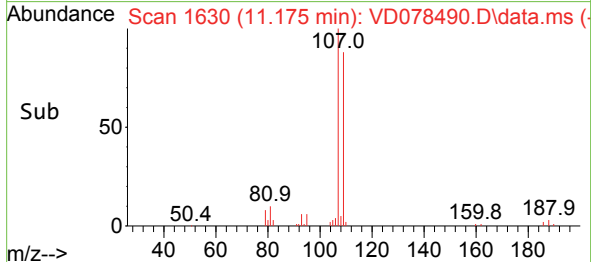
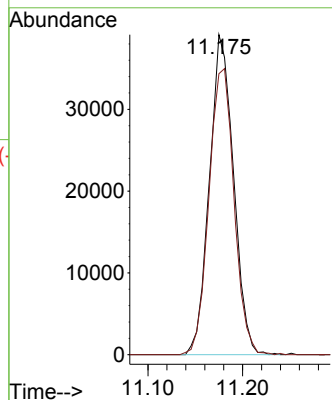
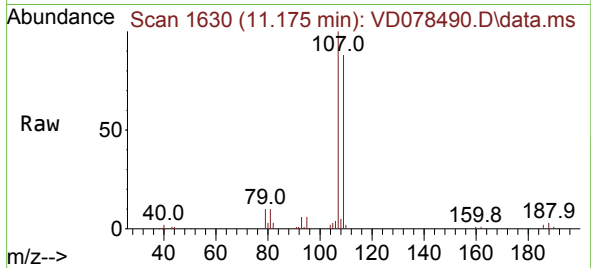




#61
1,2-Dibromoethane
Concen: 61.875 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

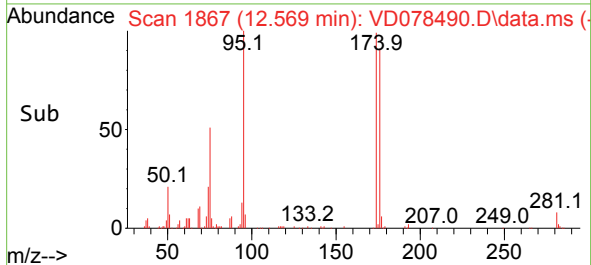
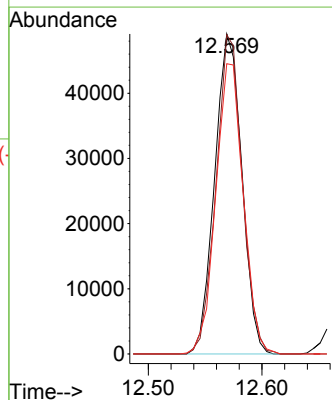
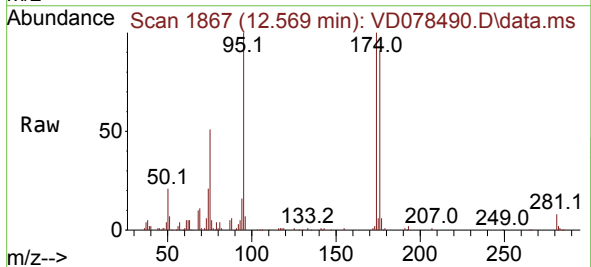
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

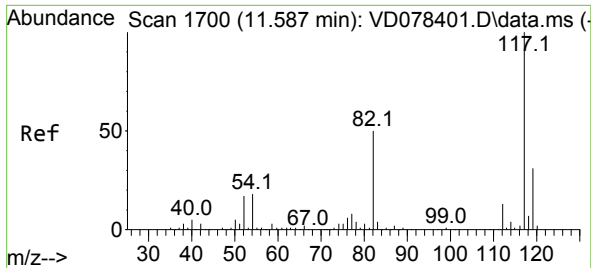
Tgt Ion:107 Resp: 69132
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.204 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion: 95 Resp: 81685
Ion Ratio Lower Upper
95 100
174 96.3 0.0 201.8
176 91.8 0.0 191.8

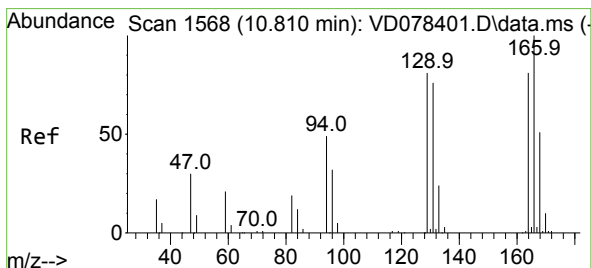
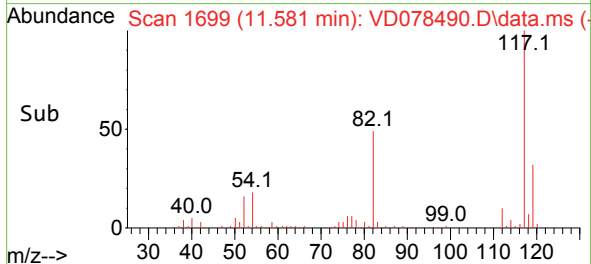
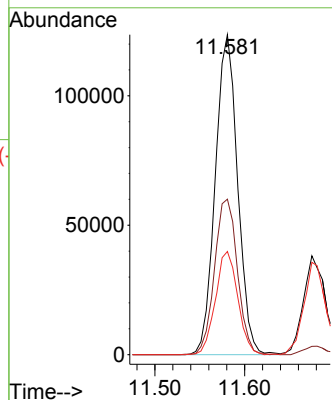
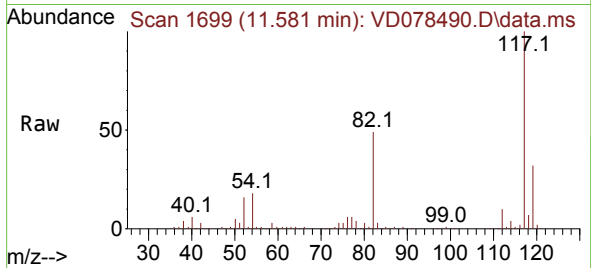




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

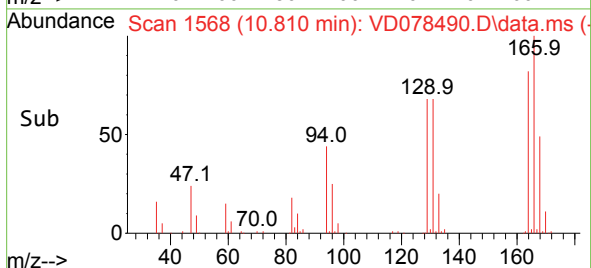
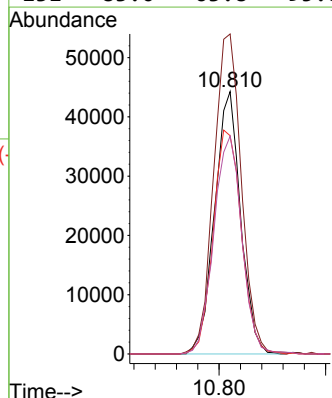
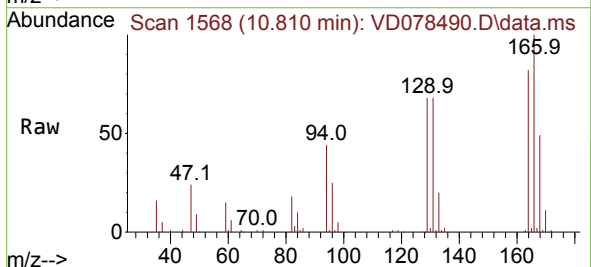
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

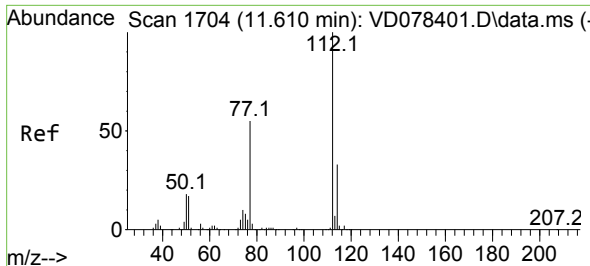
Tgt Ion:117 Resp: 214047
Ion Ratio Lower Upper
117 100
82 48.6 38.3 57.5
119 32.2 25.0 37.4



#64
Tetrachloroethene
Concen: 55.498 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion:164 Resp: 75033
Ion Ratio Lower Upper
164 100
166 121.9 99.2 148.8
129 83.1 68.4 102.6
131 83.0 63.8 95.8

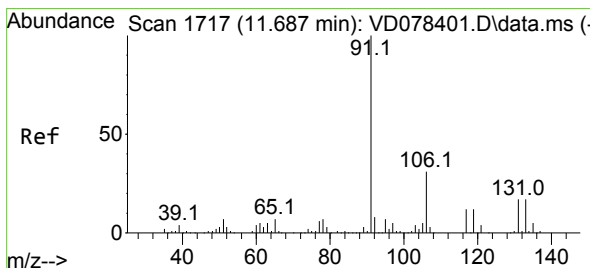
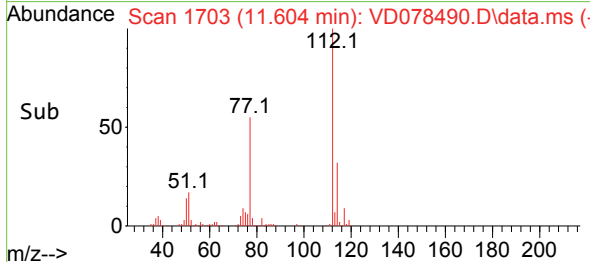
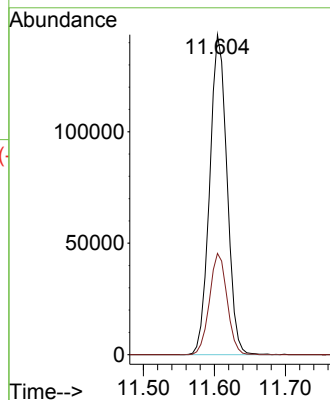
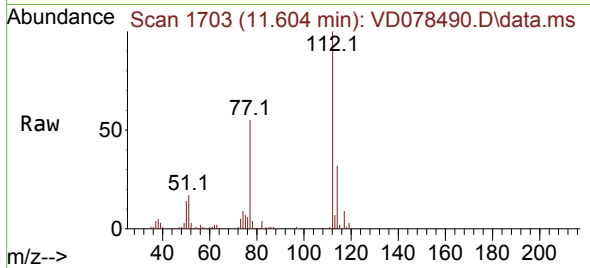




#65
Chlorobenzene
Concen: 56.496 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

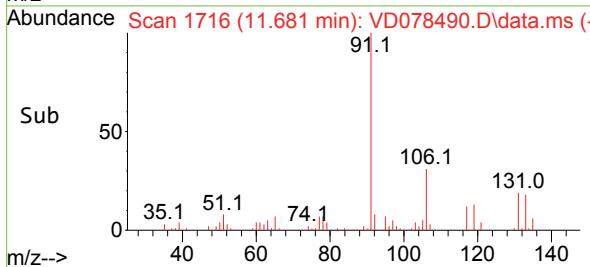
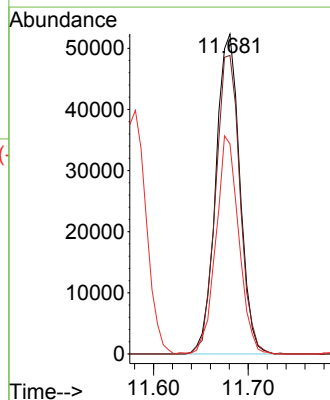
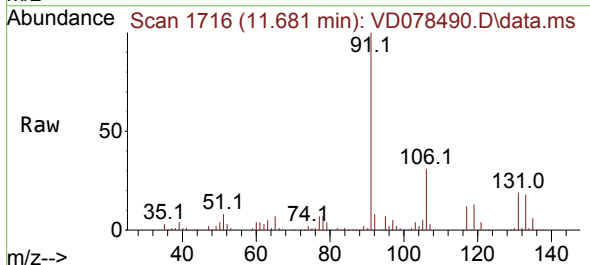
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

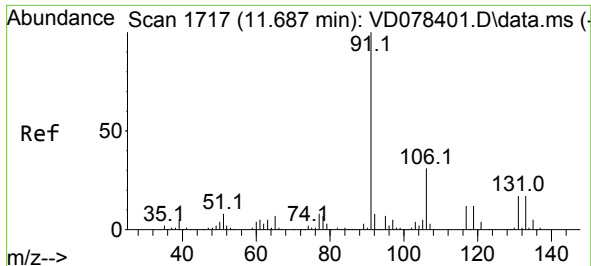
Tgt Ion:112 Resp: 243114
Ion Ratio Lower Upper
112 100
114 31.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 58.197 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion:131 Resp: 92033
Ion Ratio Lower Upper
131 100
133 94.9 48.5 145.5
119 65.1 35.6 106.9

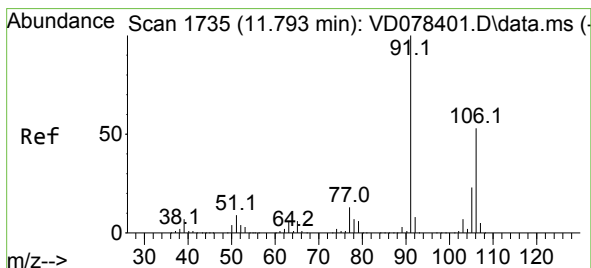
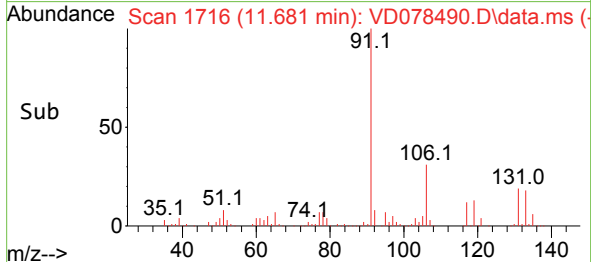
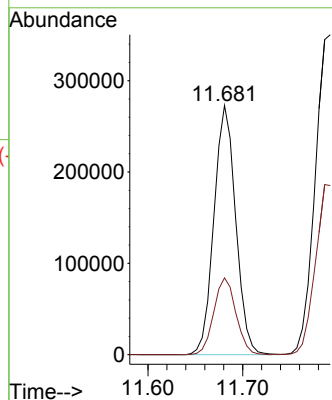
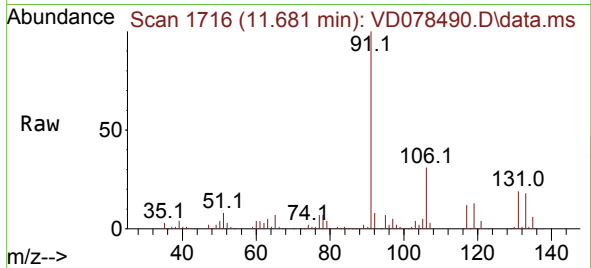




#67
Ethyl Benzene
Concen: 56.523 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

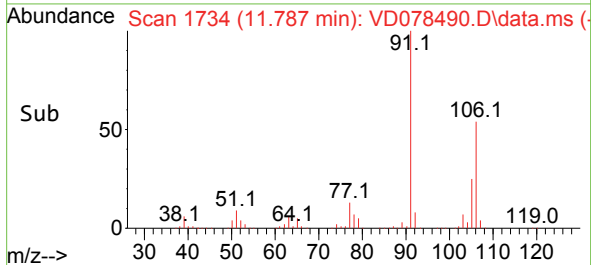
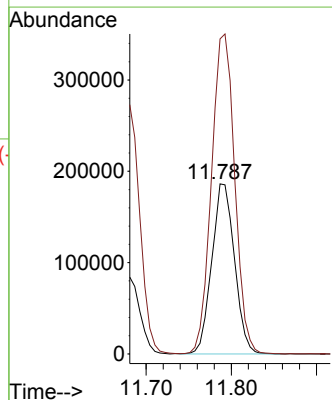
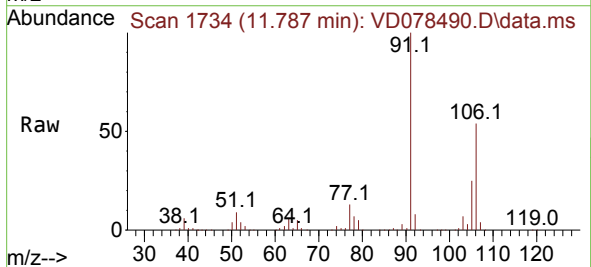
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

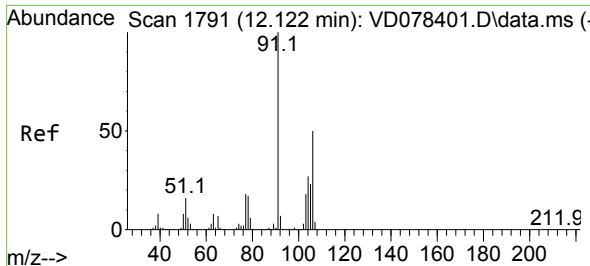
Tgt Ion: 91 Resp: 435803
Ion Ratio Lower Upper
91 100
106 30.8 26.5 39.7



#68
m/p-Xylenes
Concen: 114.767 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion:106 Resp: 345161
Ion Ratio Lower Upper
106 100
91 192.7 147.0 220.6





#69

o-Xylene

Concen: 58.519 ug/l

RT: 12.116 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VD078490.D

Acq: 20 Feb 2024 18:21

Instrument :

MSVOA_D

ClientSampleId :

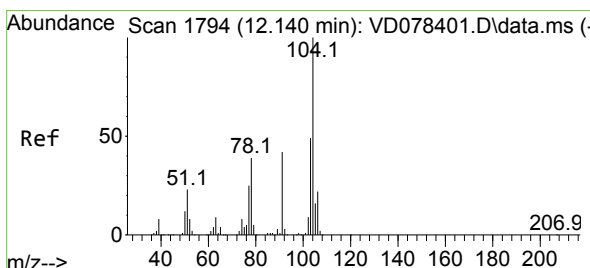
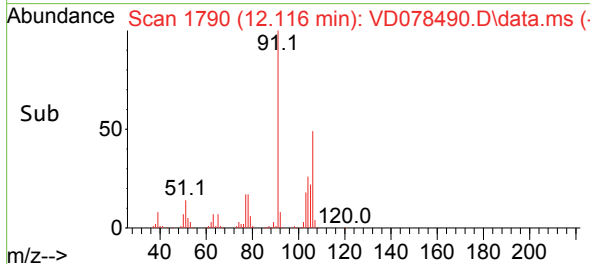
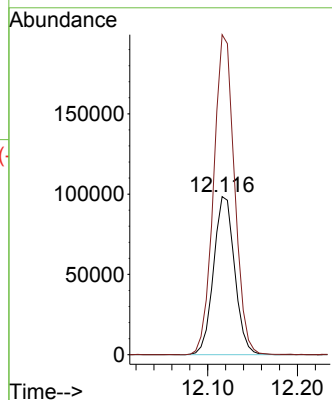
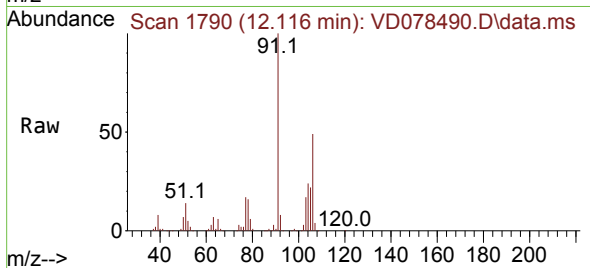
VSTDCCC050EC

Tgt Ion:106 Resp: 160609

Ion Ratio Lower Upper

106 100

91 201.3 97.9 293.6



#70

Styrene

Concen: 56.388 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VD078490.D

Acq: 20 Feb 2024 18:21

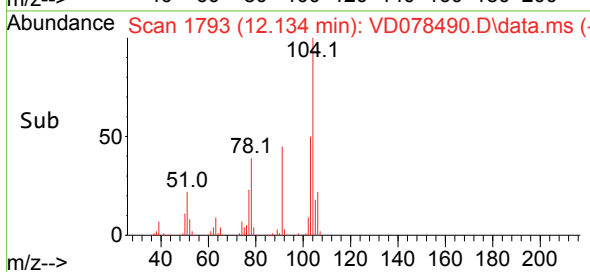
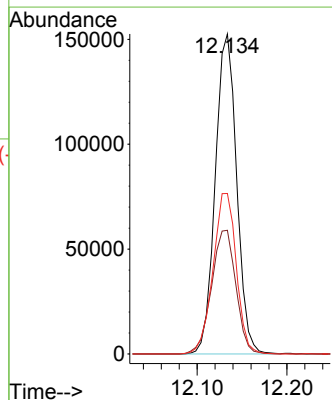
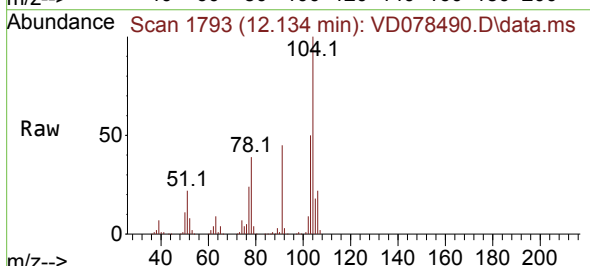
Tgt Ion:104 Resp: 252574

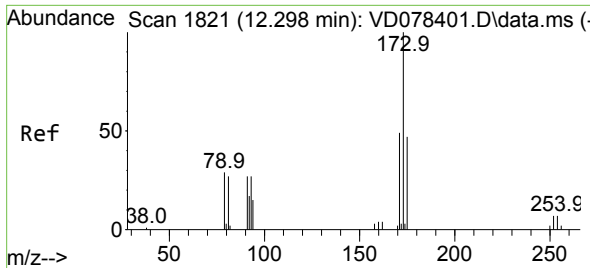
Ion Ratio Lower Upper

104 100

78 44.1 33.2 49.8

103 54.5 43.6 65.4

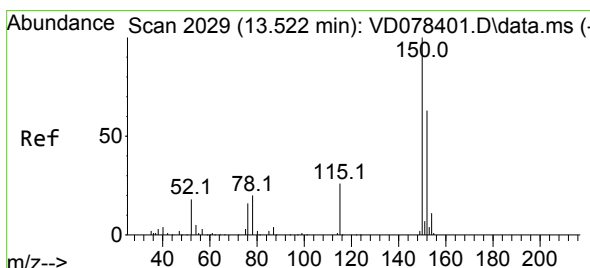
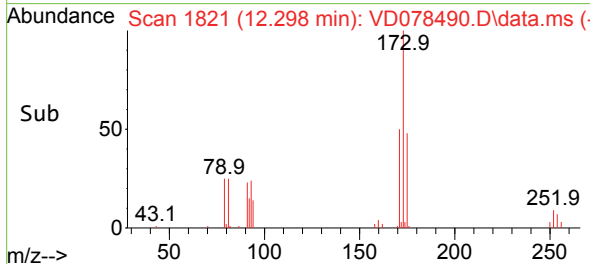
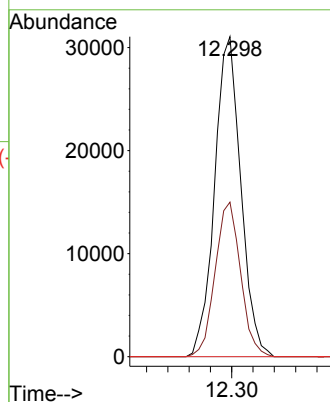
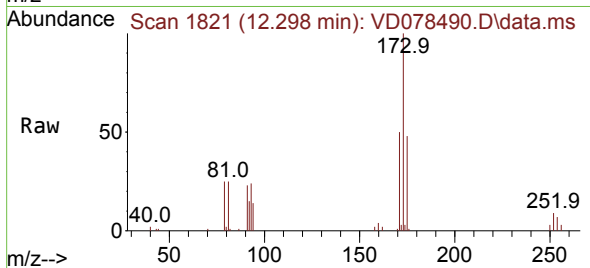




#71
Bromoform
Concen: 63.736 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

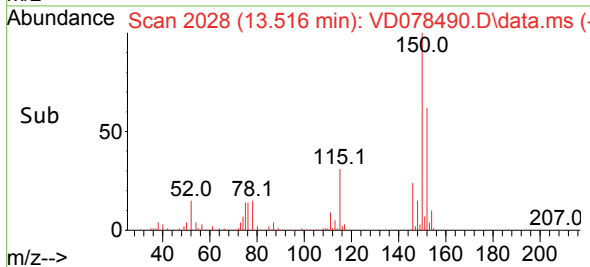
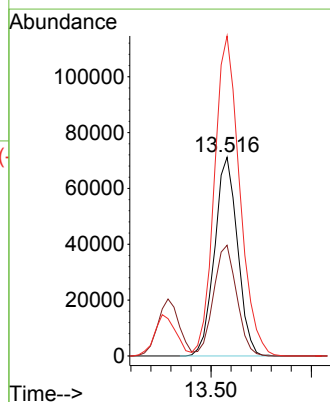
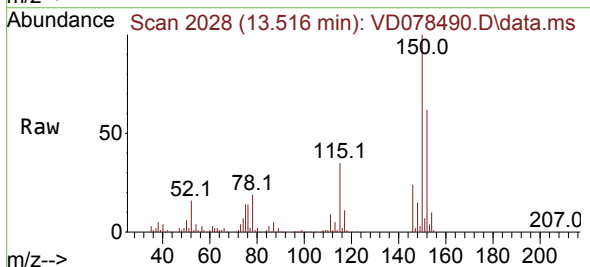
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

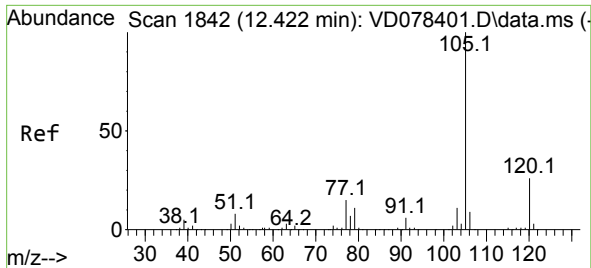
Tgt Ion:173 Resp: 53051
Ion Ratio Lower Upper
173 100
175 46.8 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion:152 Resp: 112949
Ion Ratio Lower Upper
152 100
115 56.3 27.1 81.3
150 177.3 0.0 353.6

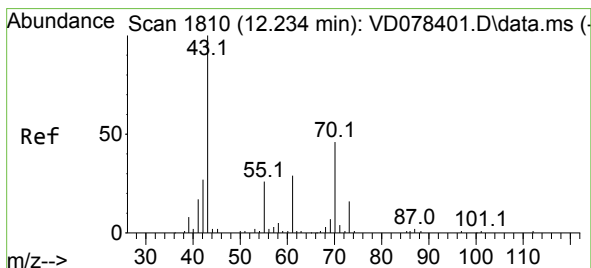
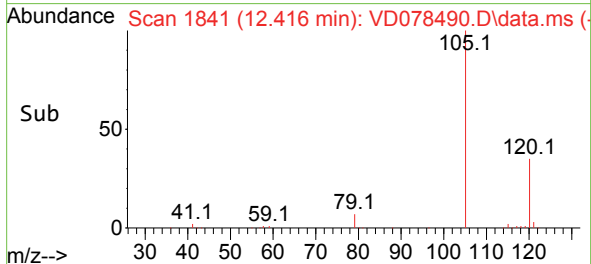
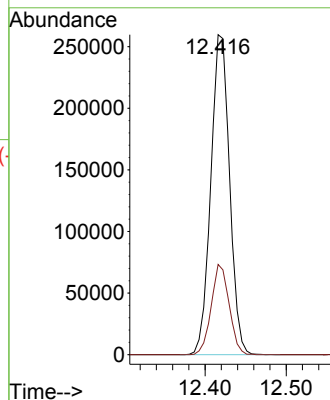
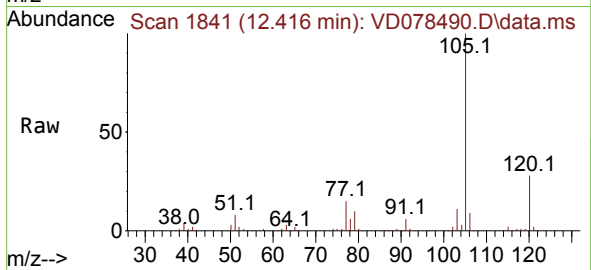




#73
Isopropylbenzene
Concen: 54.956 ug/l
RT: 12.416 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

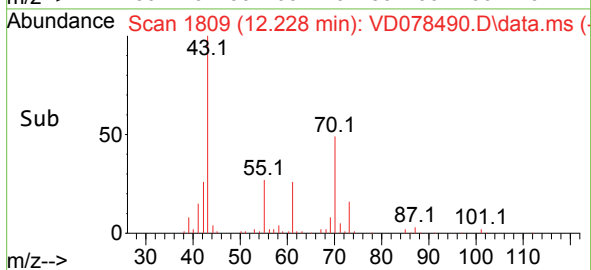
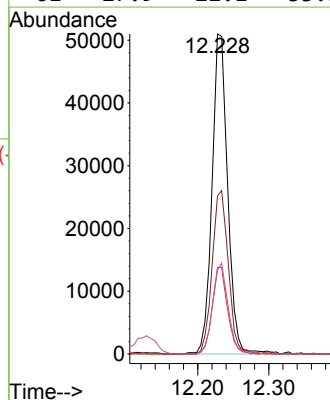
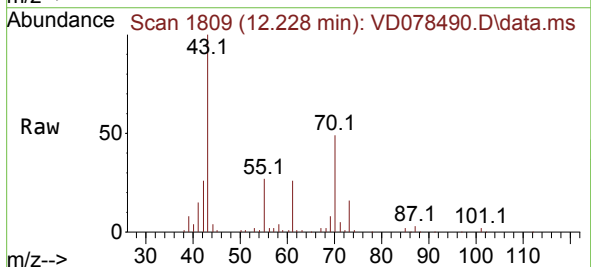
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

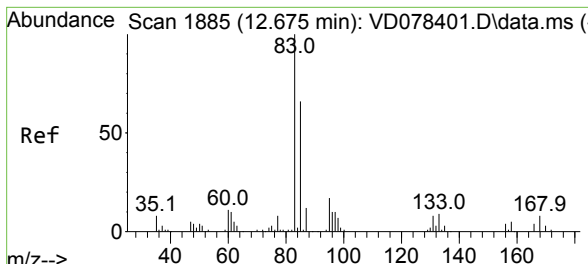
Tgt Ion:105 Resp: 416809
Ion Ratio Lower Upper
105 100
120 26.9 14.3 42.9



#74
N-ethyl acetate
Concen: 54.342 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion: 43 Resp: 77972
Ion Ratio Lower Upper
43 100
70 52.5 45.0 67.4
55 26.8 23.8 35.6
61 27.9 22.1 33.1

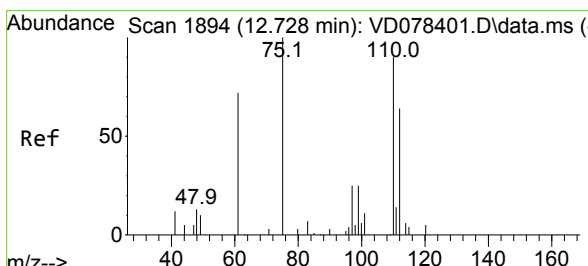
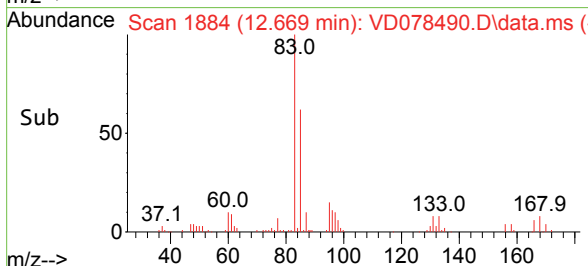
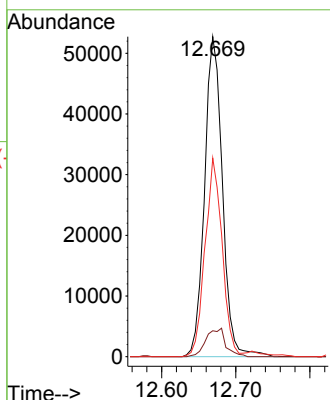
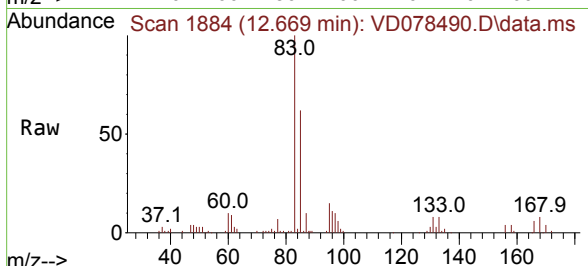




#75
 1,1,2,2-Tetrachloroethane
 Concen: 58.740 ug/l
 RT: 12.669 min Scan# 1884
 Delta R.T. -0.006 min
 Lab File: VD078490.D
 Acq: 20 Feb 2024 18:21

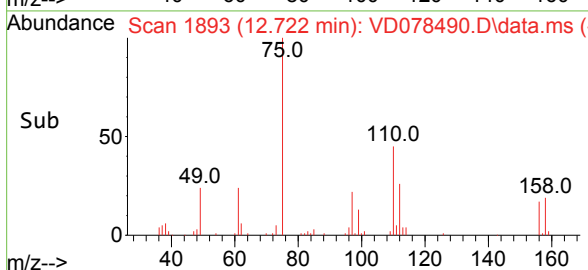
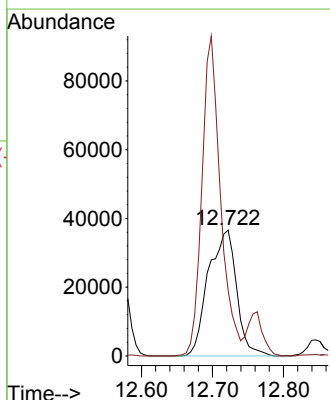
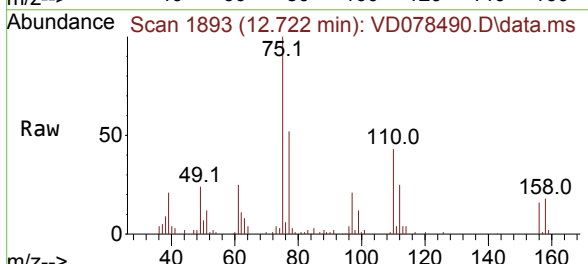
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

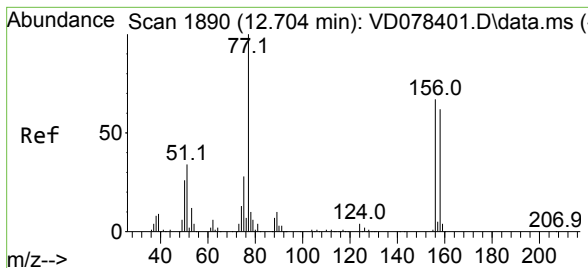
Tgt Ion:	83	Resp:	88374
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.1	15.3
85	59.6	32.6	97.8



#76
 1,2,3-Trichloropropane
 Concen: 105.251 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.006 min
 Lab File: VD078490.D
 Acq: 20 Feb 2024 18:21

Tgt Ion:	75	Resp:	100925
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 56.566 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078490.D

Acq: 20 Feb 2024 18:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

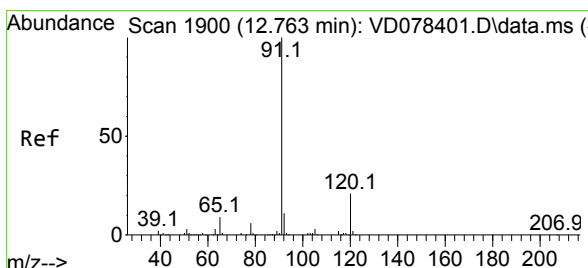
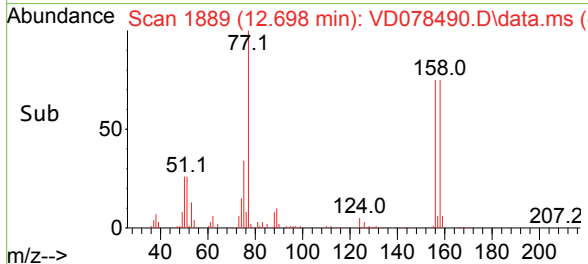
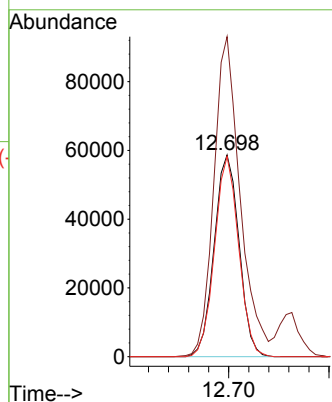
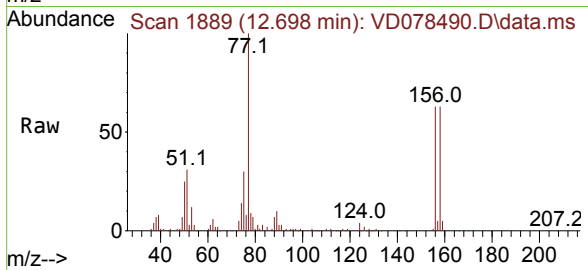
Tgt Ion:156 Resp: 100825

Ion Ratio Lower Upper

156 100

77 168.3 76.8 230.4

158 96.2 48.6 145.9



#78

n-propylbenzene

Concen: 54.117 ug/l

RT: 12.757 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VD078490.D

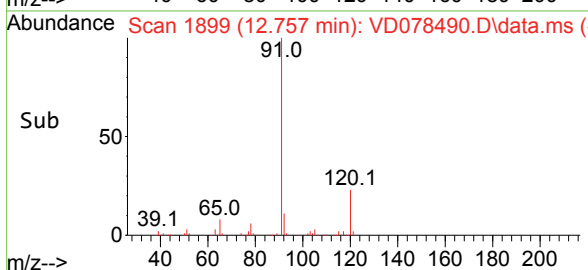
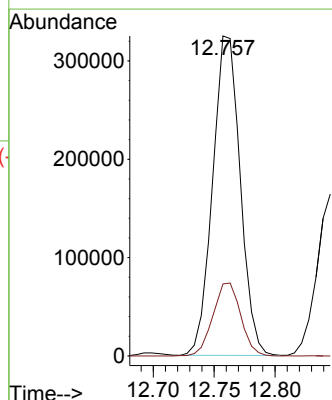
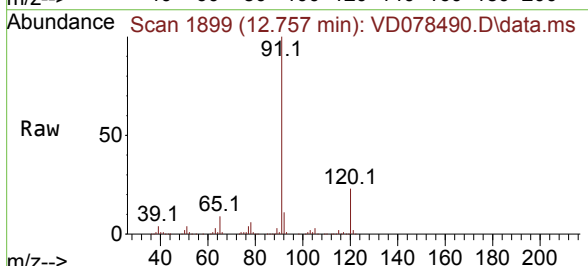
Acq: 20 Feb 2024 18:21

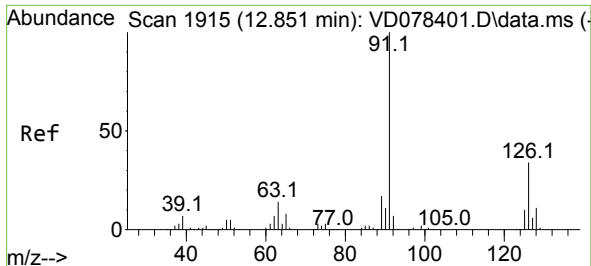
Tgt Ion: 91 Resp: 511496

Ion Ratio Lower Upper

91 100

120 23.0 12.4 37.2

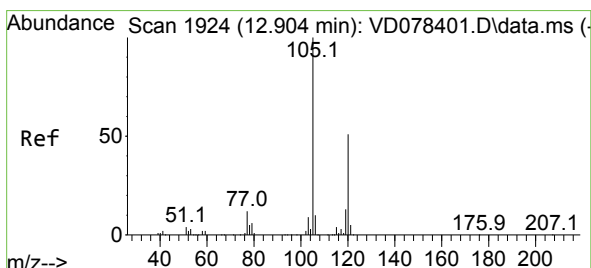
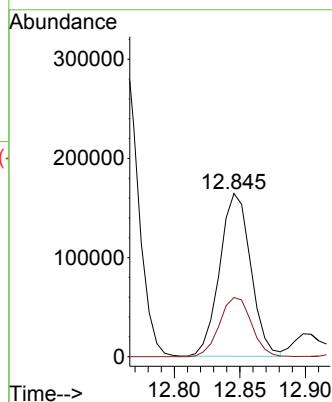
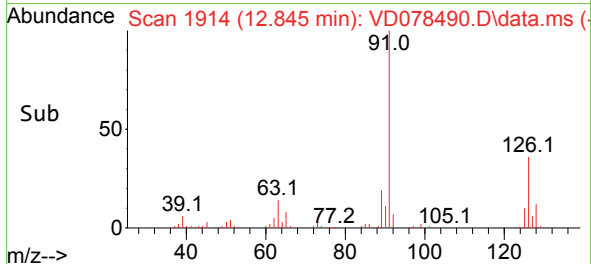
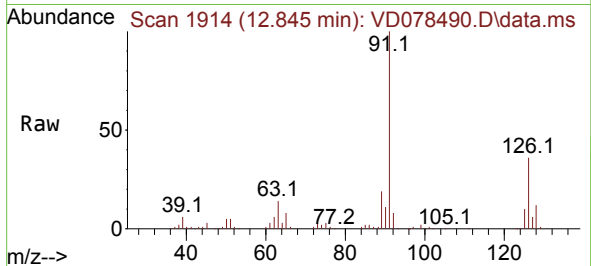




#79
2-Chlorotoluene
Concen: 53.588 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

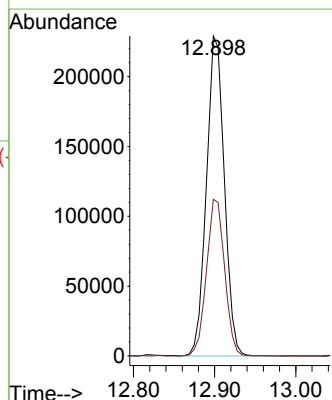
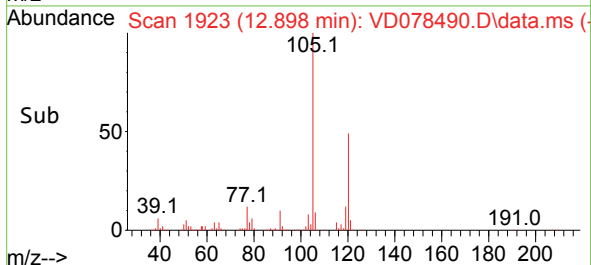
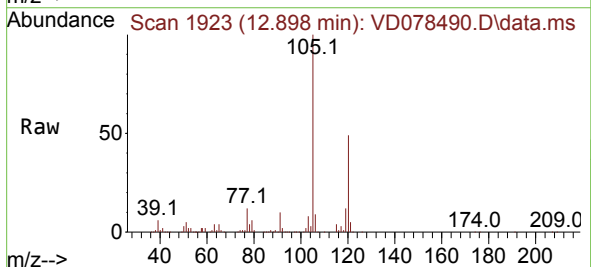
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

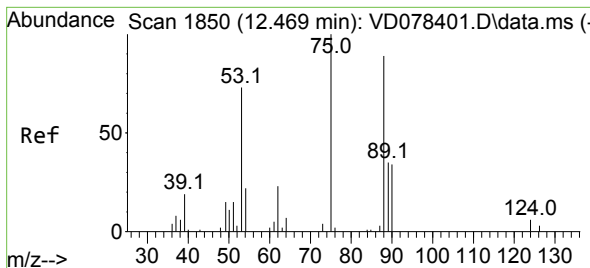
Tgt Ion: 91 Resp: 271281
Ion Ratio Lower Upper
91 100
126 37.3 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 55.601 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion: 105 Resp: 350161
Ion Ratio Lower Upper
105 100
120 49.7 26.4 79.2

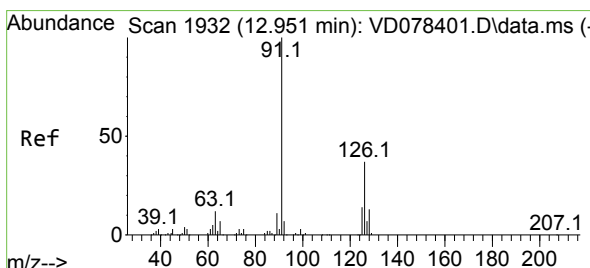
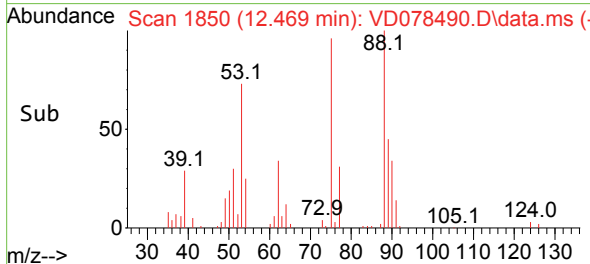
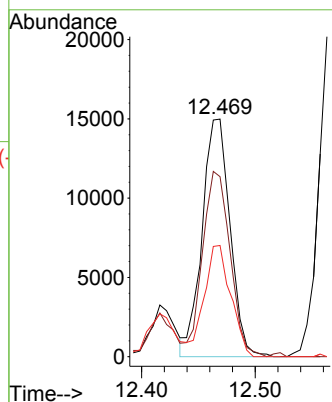
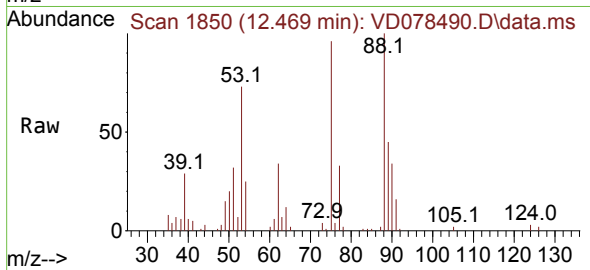




#81
trans-1,4-Dichloro-2-butene
Concen: 55.370 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

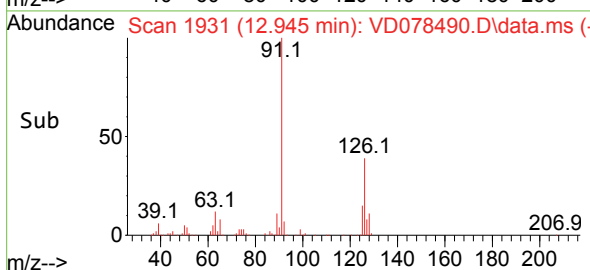
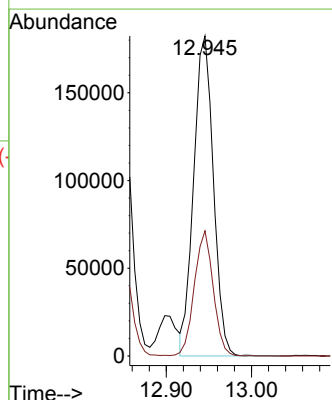
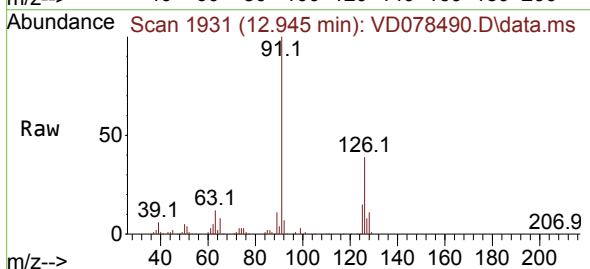
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

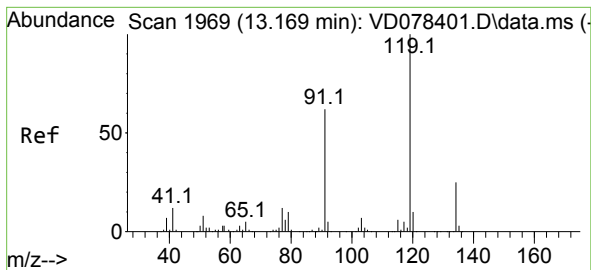
Tgt Ion: 75 Resp: 25575
Ion Ratio Lower Upper
75 100
53 77.7 63.0 94.4
89 44.6 37.9 56.9



#82
4-Chlorotoluene
Concen: 53.908 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion: 91 Resp: 293095
Ion Ratio Lower Upper
91 100
126 37.5 19.4 58.4

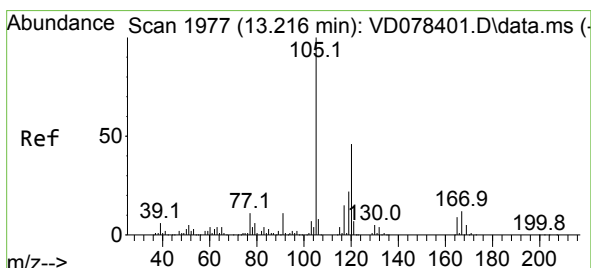
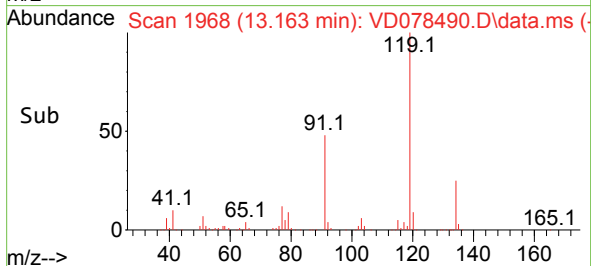
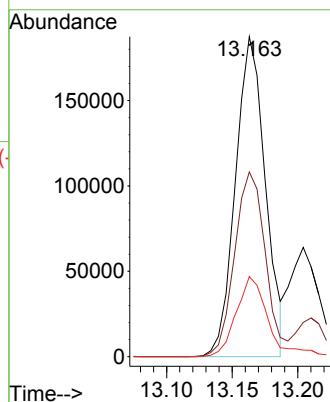
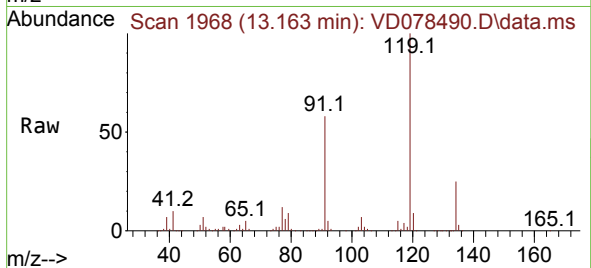




#83
tert-Butylbenzene
Concen: 55.917 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

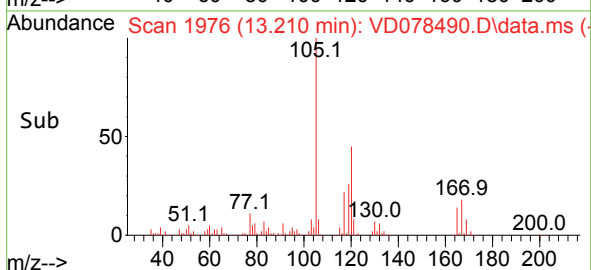
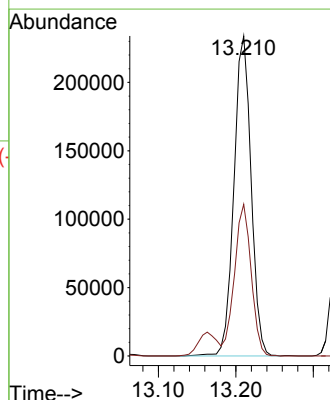
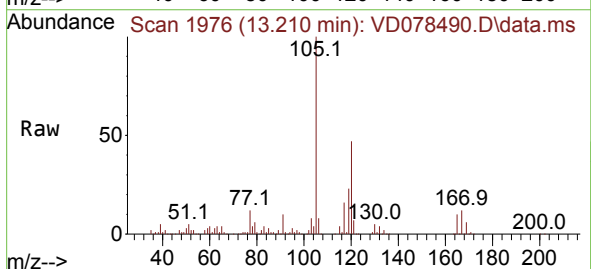
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

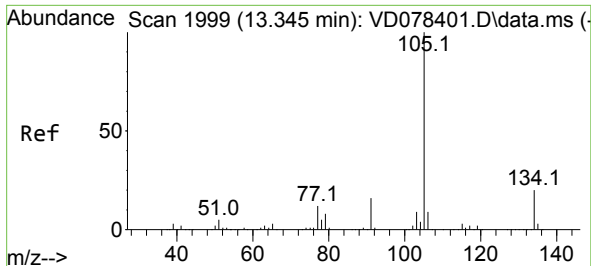
Tgt Ion:119 Resp: 296995
Ion Ratio Lower Upper
119 100
91 59.6 29.3 87.8
134 26.8 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 56.251 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion:105 Resp: 359534
Ion Ratio Lower Upper
105 100
120 46.4 24.3 72.9

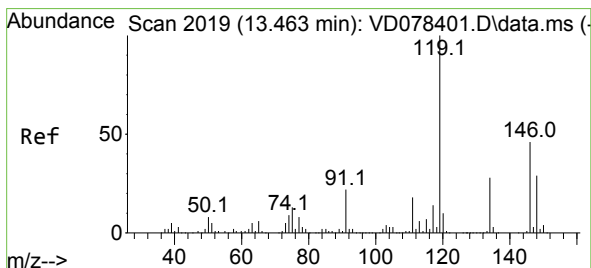
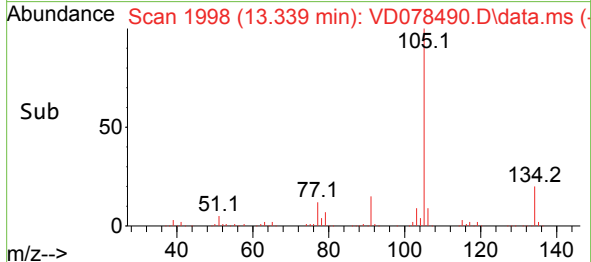
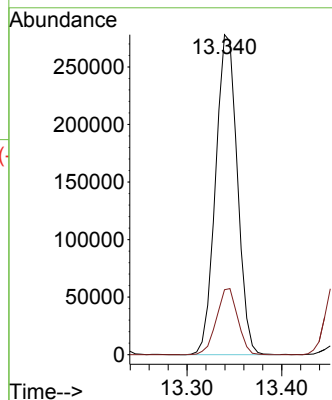
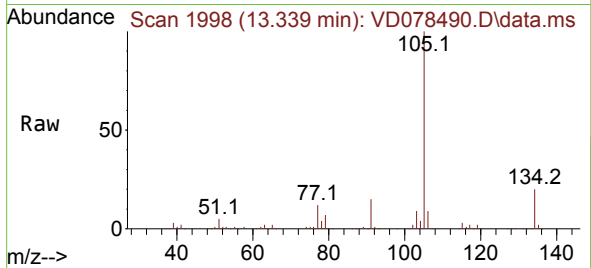




#85
 sec-Butylbenzene
 Concen: 53.943 ug/l
 RT: 13.339 min Scan# 1998
 Delta R.T. -0.006 min
 Lab File: VD078490.D
 Acq: 20 Feb 2024 18:21

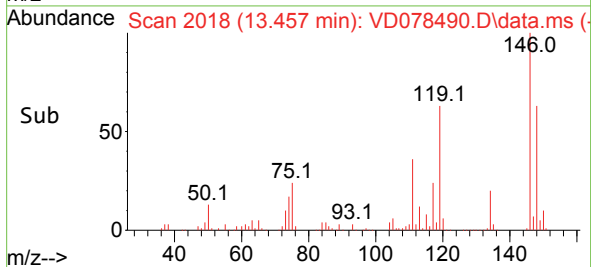
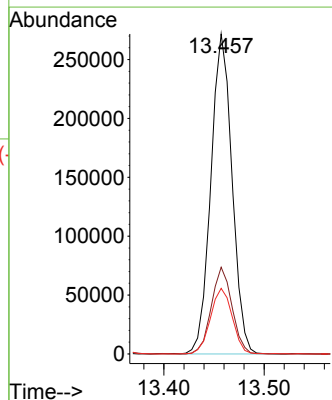
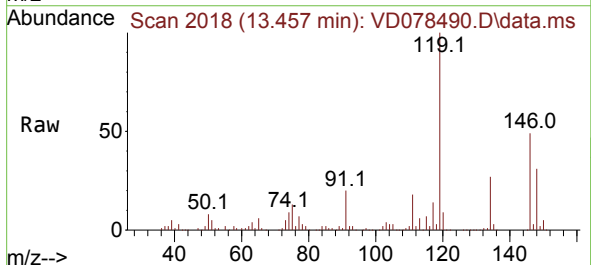
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

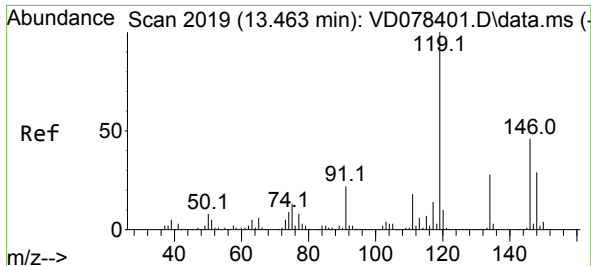
Tgt Ion:105 Resp: 444328
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 56.905 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078490.D
 Acq: 20 Feb 2024 18:21

Tgt Ion:119 Resp: 399240
 Ion Ratio Lower Upper
 119 100
 134 26.5 14.2 42.6
 91 21.1 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 55.630 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078490.D

Acq: 20 Feb 2024 18:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

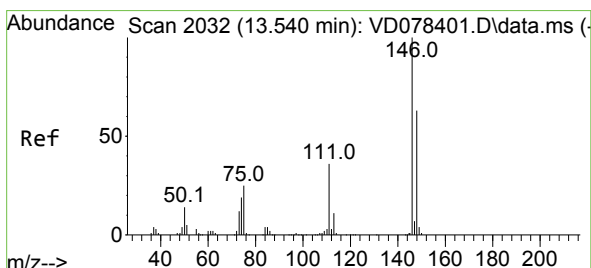
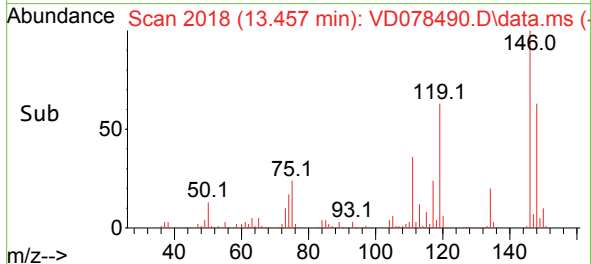
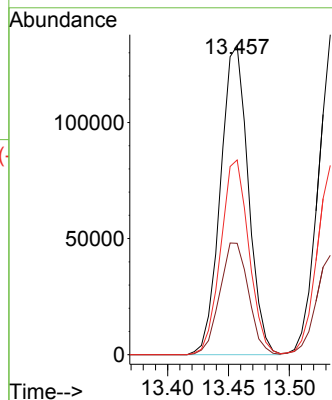
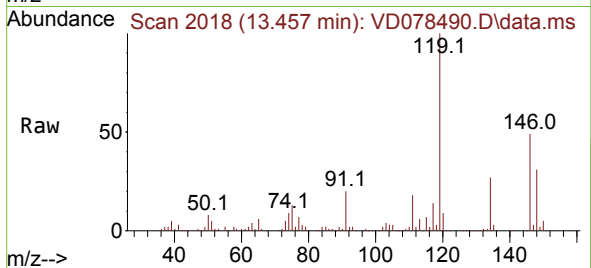
Tgt Ion:146 Resp: 211633

Ion Ratio Lower Upper

146 100

111 37.3 17.9 53.8

148 63.8 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 56.443 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD078490.D

Acq: 20 Feb 2024 18:21

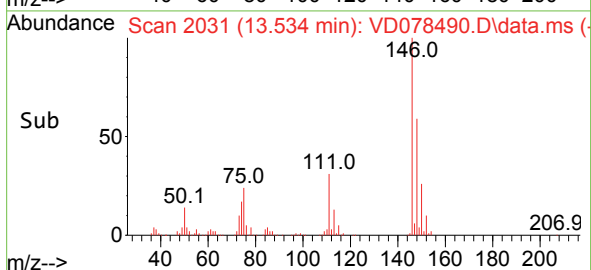
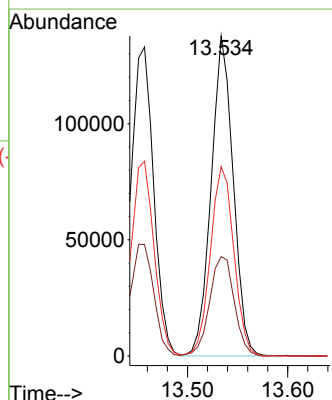
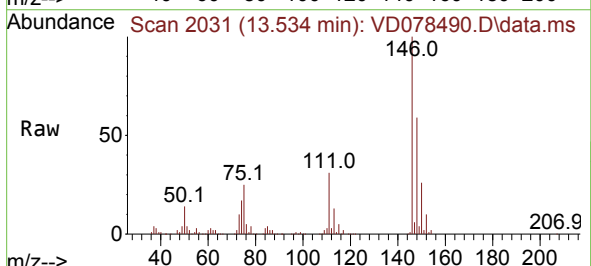
Tgt Ion:146 Resp: 210982

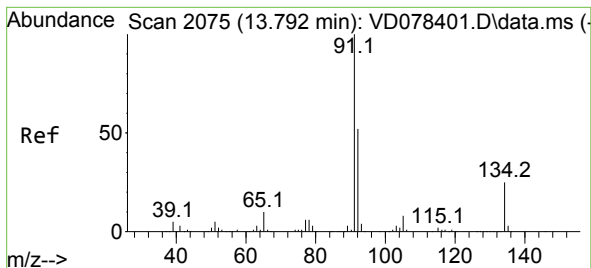
Ion Ratio Lower Upper

146 100

111 34.7 17.4 52.3

148 62.9 31.7 95.1

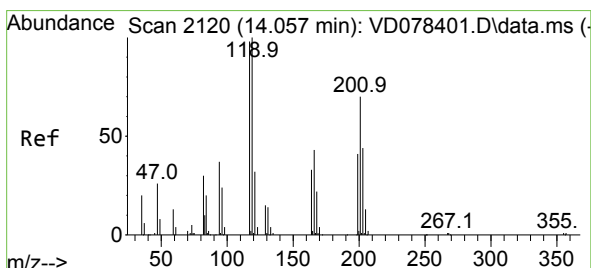
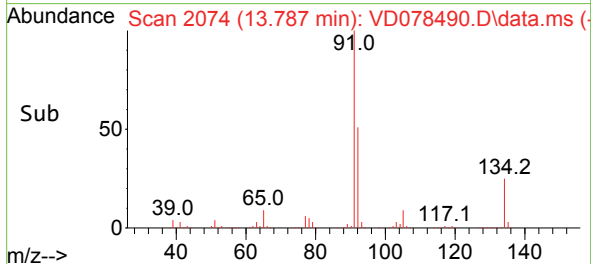
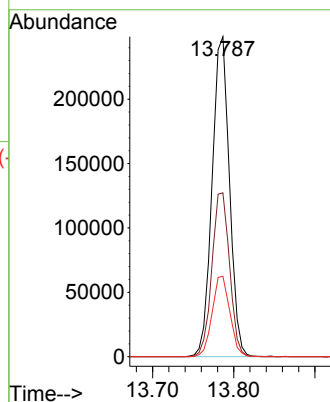
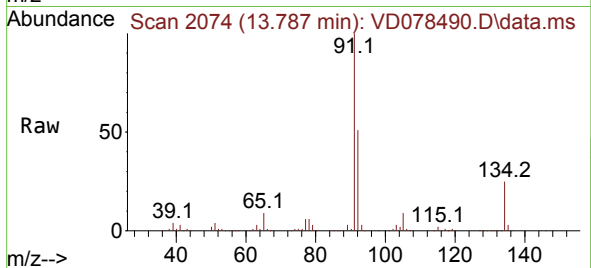




#89
n-Butylbenzene
Concen: 54.567 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

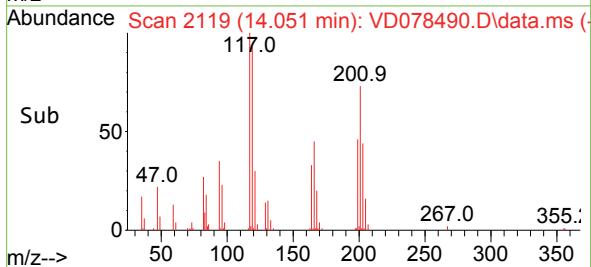
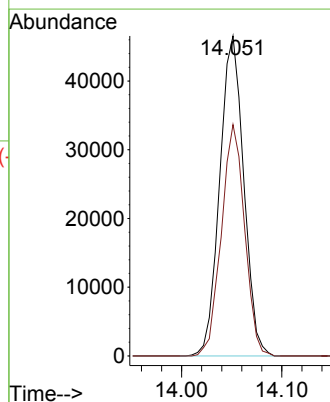
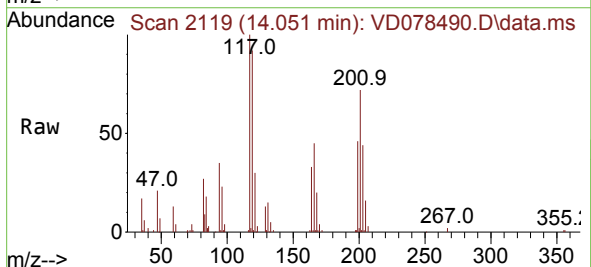
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

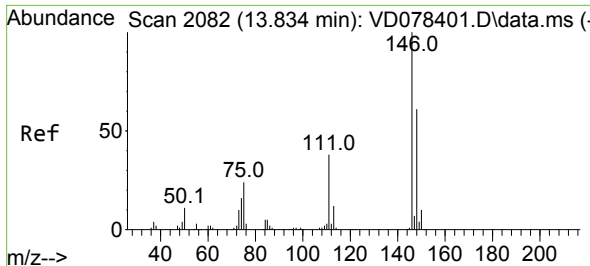
Tgt Ion: 91 Resp: 369000
Ion Ratio Lower Upper
91 100
92 52.2 26.5 79.5
134 25.7 13.8 41.3



#90
Hexachloroethane
Concen: 53.505 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion: 117 Resp: 77154
Ion Ratio Lower Upper
117 100
201 70.0 38.5 115.5

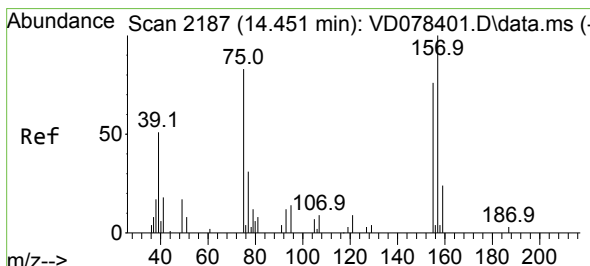
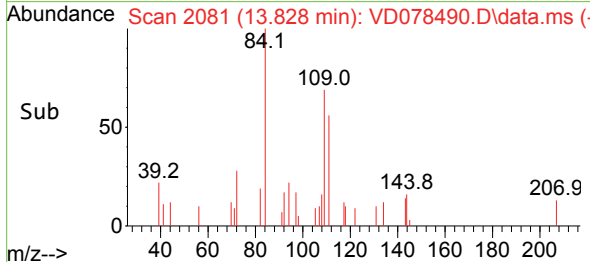
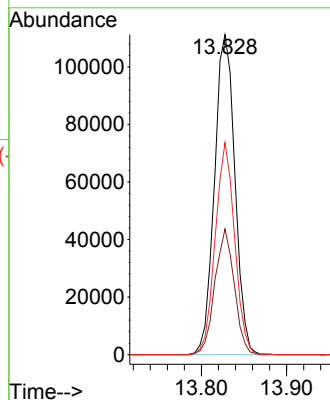
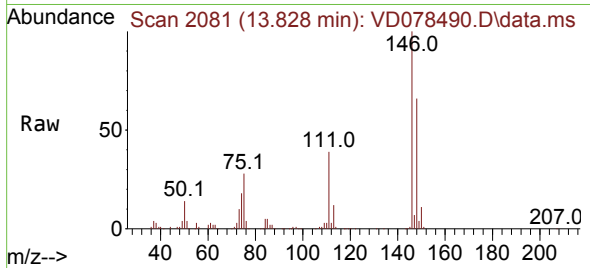




#91
1,2-Dichlorobenzene
Concen: 58.011 ug/l
RT: 13.828 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

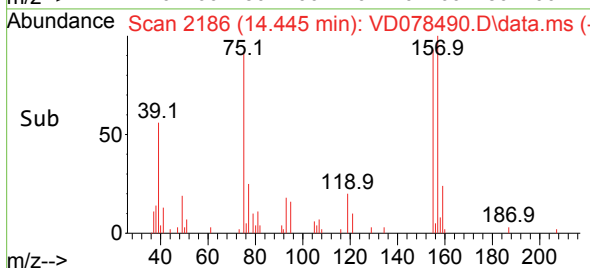
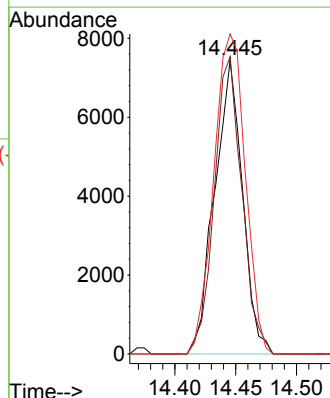
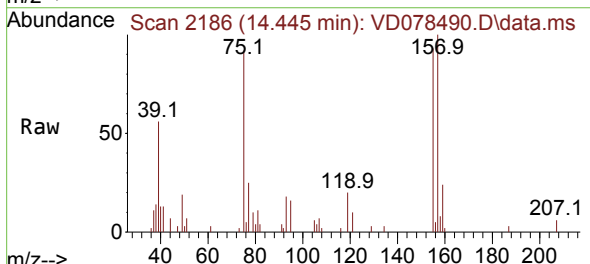
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

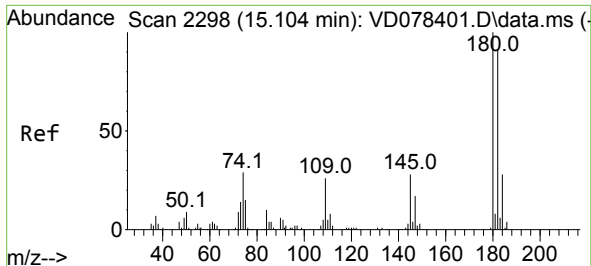
Tgt Ion:146 Resp: 185320
Ion Ratio Lower Upper
146 100
111 37.3 18.3 54.8
148 63.0 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 60.108 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion: 75 Resp: 11841
Ion Ratio Lower Upper
75 100
155 100.3 47.9 143.8
157 123.4 59.9 179.7

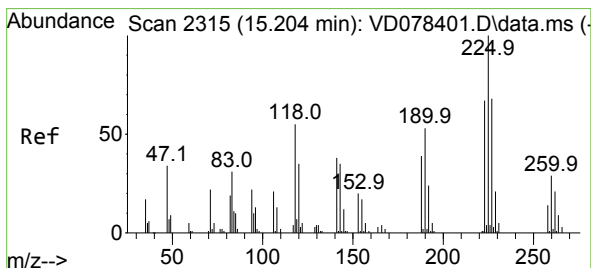
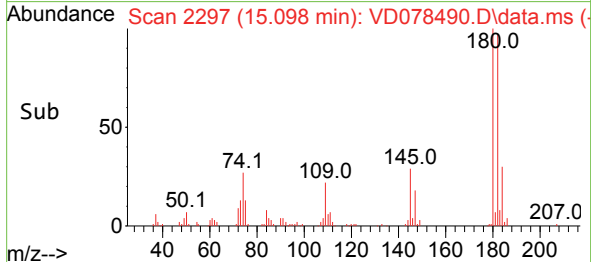
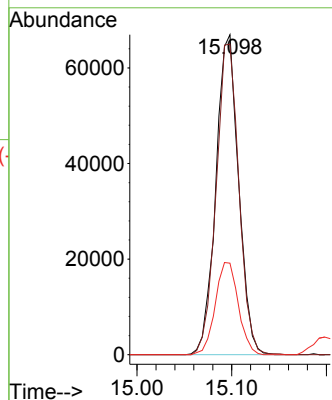
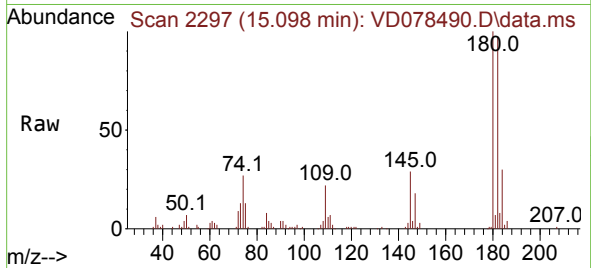




#93
1,2,4-Trichlorobenzene
Concen: 59.382 ug/l
RT: 15.098 min Scan# 2114
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

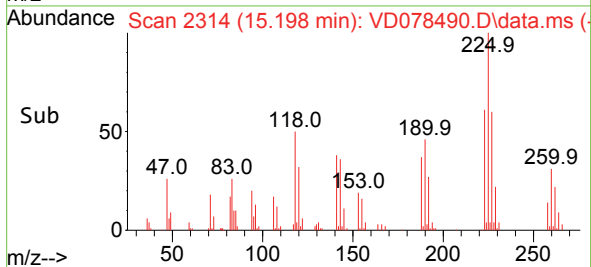
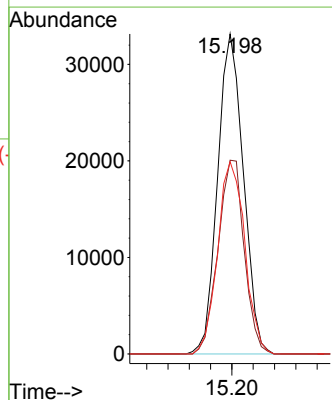
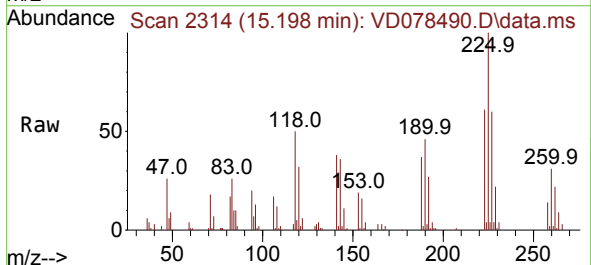
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

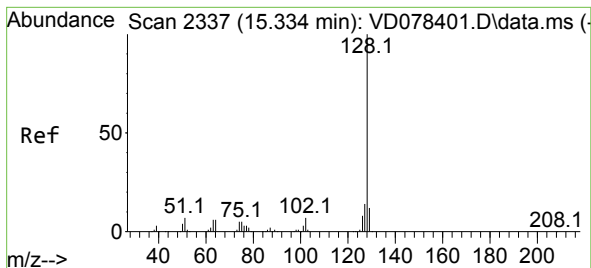
Tgt Ion:180 Resp: 111487
Ion Ratio Lower Upper
180 100
182 97.4 48.5 145.6
145 29.3 14.2 42.6



#94
Hexachlorobutadiene
Concen: 56.748 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. -0.006 min
Lab File: VD078490.D
Acq: 20 Feb 2024 18:21

Tgt Ion:225 Resp: 55611
Ion Ratio Lower Upper
225 100
223 61.7 31.6 94.8
227 63.3 31.7 95.1





#95

Naphthalene

Concen: 65.232 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.006 min

Lab File: VD078490.D

Acq: 20 Feb 2024 18:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

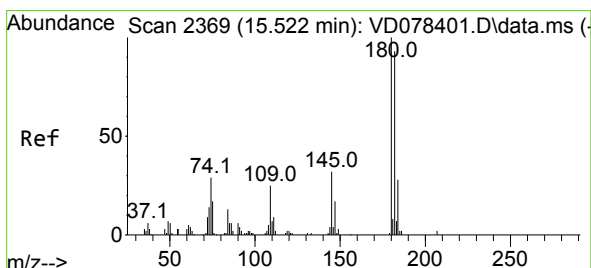
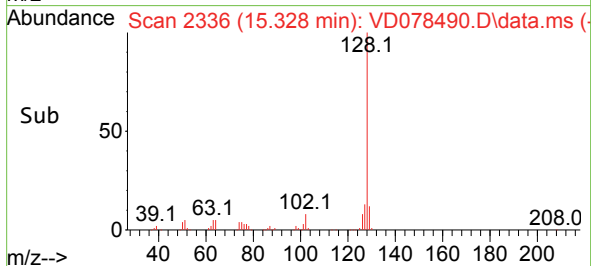
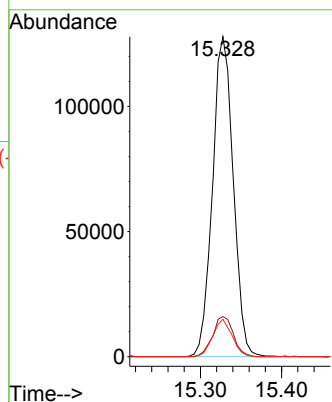
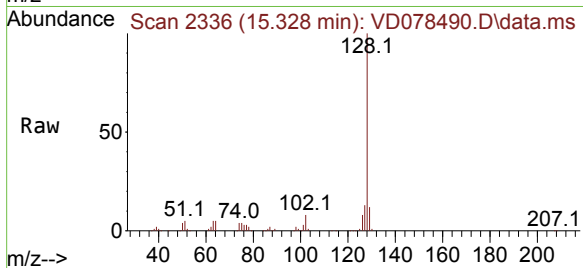
Tgt Ion:128 Resp: 227154

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

129 11.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 61.263 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD078490.D

Acq: 20 Feb 2024 18:21

Tgt Ion:180 Resp: 97478

Ion Ratio Lower Upper

180 100

182 98.6 47.3 141.9

145 30.9 15.1 45.3

