

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022224\
 Data File : VD078512.D
 Acq On : 22 Feb 2024 12:46
 Operator : RP/MD
 Sample : VD0222SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0222SBS01

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

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	112126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	198996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	188799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	98805	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	54174	44.685	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.360%
35) Dibromofluoromethane	7.811	113	57218	45.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.540%
50) Toluene-d8	10.269	98	219106	43.331	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.660%
62) 4-Bromofluorobenzene	12.575	95	65188	44.301	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	20002	18.105	ug/l	92
3) Chloromethane	2.152	50	37741	18.589	ug/l	93
4) Vinyl Chloride	2.287	62	56497	18.236	ug/l	99
5) Bromomethane	2.687	94	46724	21.849	ug/l	100
6) Chloroethane	2.834	64	46666	20.657	ug/l	98
7) Trichlorofluoromethane	3.170	101	43309	20.723	ug/l	92
8) Diethyl Ether	3.587	74	13738	22.822	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.975	101	27645	20.968	ug/l	94
10) Methyl Iodide	4.164	142	23760	20.121	ug/l #	89
11) Tert butyl alcohol	5.075	59	8875	132.409	ug/l #	82
12) 1,1-Dichloroethene	3.946	96	25102	20.536	ug/l	91
13) Acrolein	3.799	56	11382	101.624	ug/l	98
14) Allyl chloride	4.564	41	31704	20.996	ug/l	93
15) Acrylonitrile	5.264	53	31983	124.115	ug/l	98
16) Acetone	4.022	43	34345	134.147	ug/l	97
17) Carbon Disulfide	4.275	76	70021	17.024	ug/l	97
18) Methyl Acetate	4.569	43	12112	16.871	ug/l	93
19) Methyl tert-butyl Ether	5.322	73	59691	22.985	ug/l	99
20) Methylene Chloride	4.811	84	38421	26.525	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	30309	21.078	ug/l	94
22) Diisopropyl ether	6.216	45	75742	22.758	ug/l #	89
23) Vinyl Acetate	6.158	43	229175	163.140	ug/l	93
24) 1,1-Dichloroethane	6.111	63	54859	23.268	ug/l	98
25) 2-Butanone	7.087	43	41704	128.116	ug/l	92
26) 2,2-Dichloropropane	7.075	77	43729	22.125	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	35654	22.599	ug/l	95
28) Bromochloromethane	7.428	49	21464	22.985	ug/l	82
29) Tetrahydrofuran	7.452	42	21948	121.733	ug/l	92
30) Chloroform	7.593	83	58889	23.607	ug/l	96
31) Cyclohexane	7.881	56	36511	17.803	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	47698	22.427	ug/l	99
36) 1,1-Dichloropropene	8.010	75	39250	19.988	ug/l	97
37) Ethyl Acetate	7.181	43	14622	21.242	ug/l	96
38) Carbon Tetrachloride	7.999	117	40021	20.580	ug/l	96
39) Methylcyclohexane	9.275	83	41497	17.801	ug/l #	91
40) Benzene	8.252	78	124957	22.015	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	7031	19.626	ug/l #	74
42) 1,2-Dichloroethane	8.328	62	32941	22.430	ug/l	95
43) Isopropyl Acetate	8.363	43	30037	23.564	ug/l	92
44) Trichloroethene	9.034	130	32587	22.504	ug/l	96
45) 1,2-Dichloropropane	9.305	63	31263	22.449	ug/l	93
46) Dibromomethane	9.393	93	17702	22.599	ug/l	94
47) Bromodichloromethane	9.587	83	45433	23.418	ug/l	99
48) Methyl methacrylate	9.381	41	14060	20.791	ug/l #	79
49) 1,4-Dioxane	9.393	88	3714	437.824	ug/l #	86
51) 4-Methyl-2-Pentanone	10.163	43	80106	118.407	ug/l	95
52) Toluene	10.334	92	79226	22.072	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	40798	23.046	ug/l	99
54) cis-1,3-Dichloropropene	10.022	75	49653	23.131	ug/l	91
55) 1,1,2-Trichloroethane	10.734	97	25786	24.445	ug/l	90
56) Ethyl methacrylate	10.599	69	25806	26.451	ug/l	88
57) 1,3-Dichloropropane	10.881	76	43421	24.198	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	69972	121.760	ug/l	97
59) 2-Hexanone	10.922	43	63235	124.375	ug/l	89
60) Dibromochloromethane	11.075	129	31879	25.118	ug/l	98
61) 1,2-Dibromoethane	11.181	107	23757	23.989	ug/l	98
64) Tetrachloroethene	10.810	164	25040	20.998	ug/l #	90
65) Chlorobenzene	11.610	112	84483	22.258	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	32534	23.324	ug/l	98
67) Ethyl Benzene	11.687	91	145481	21.392	ug/l	94
68) m/p-Xylenes	11.793	106	114883	43.307	ug/l	92
69) o-Xylene	12.122	106	53345	22.036	ug/l	94
70) Styrene	12.134	104	94974	24.039	ug/l	98
71) Bromoform	12.299	173	17816	24.267	ug/l #	99
73) Isopropylbenzene	12.422	105	135462	20.417	ug/l	96
74) N-amyl acetate	12.234	43	29960	23.869	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.669	83	30373	23.078	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	34206	40.778	ug/l #	100
77) Bromobenzene	12.698	156	35235	22.598	ug/l	93
78) n-propylbenzene	12.763	91	173102	20.936	ug/l	94
79) 2-Chlorotoluene	12.851	91	93142	21.033	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	114913	20.859	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	9575	23.697	ug/l	95
82) 4-Chlorotoluene	12.946	91	102636	21.580	ug/l	96
83) tert-Butylbenzene	13.169	119	100270	21.581	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	117605	21.034	ug/l	95
85) sec-Butylbenzene	13.345	105	154239	21.406	ug/l	97
86) p-Isopropyltoluene	13.457	119	124837	20.341	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	73180	21.990	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	72591	22.200	ug/l	97
89) n-Butylbenzene	13.787	91	117644	19.887	ug/l	97
90) Hexachloroethane	14.057	117	26670	21.143	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	63893	22.863	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4099	23.786	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	36000	21.920	ug/l	99
94) Hexachlorobutadiene	15.204	225	17804	20.769	ug/l	98
95) Naphthalene	15.334	128	70605	23.178	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	33381	23.982	ug/l	99

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

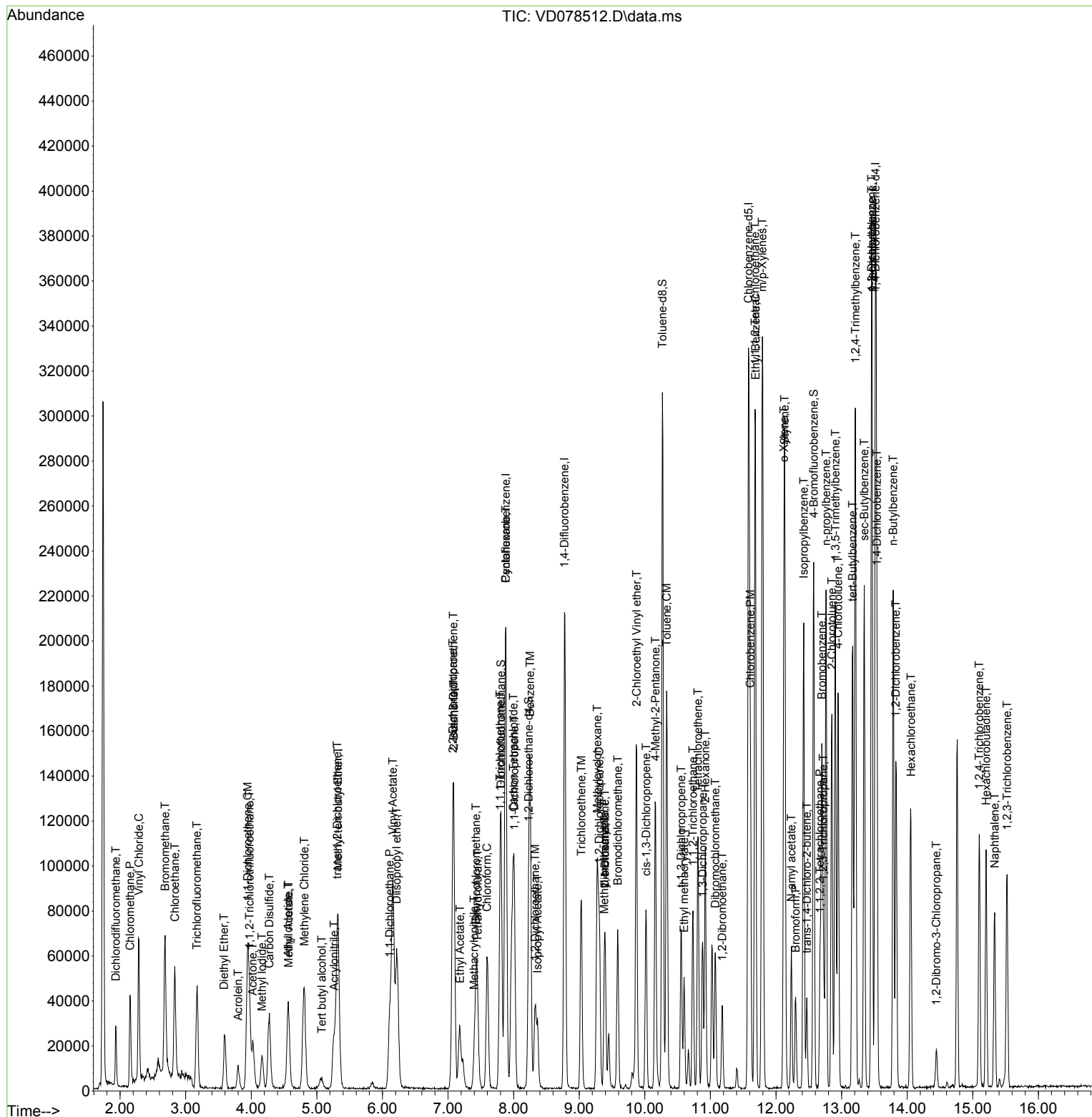
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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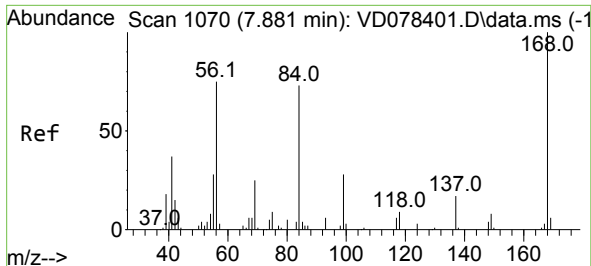
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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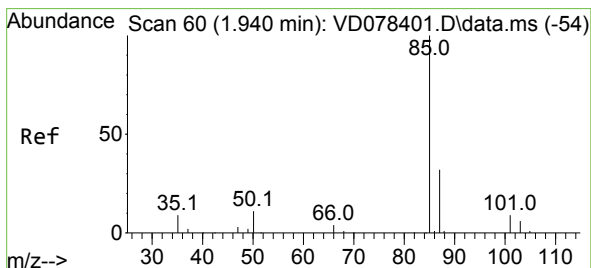
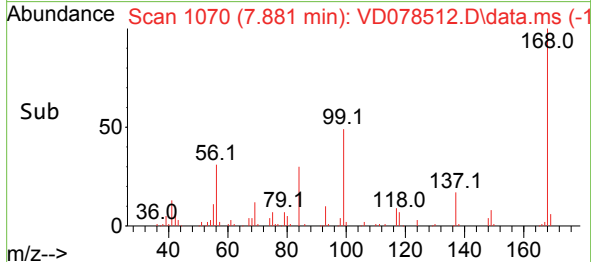
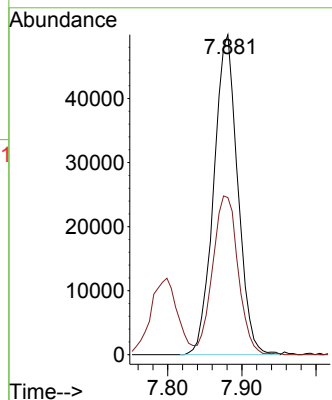
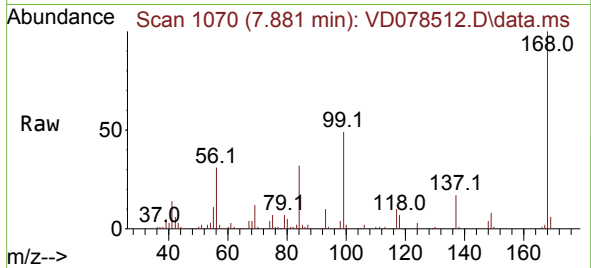




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

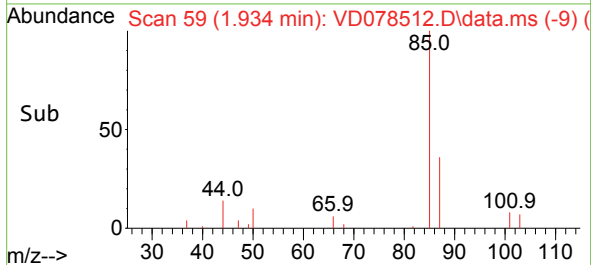
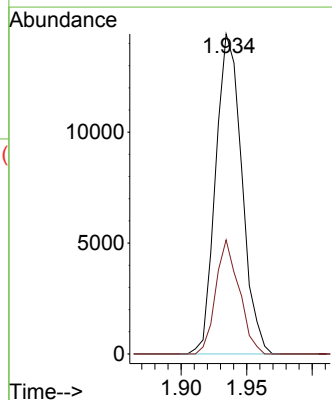
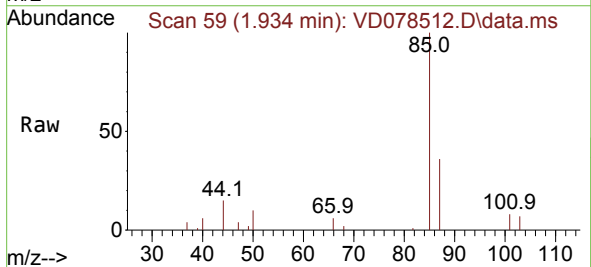
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

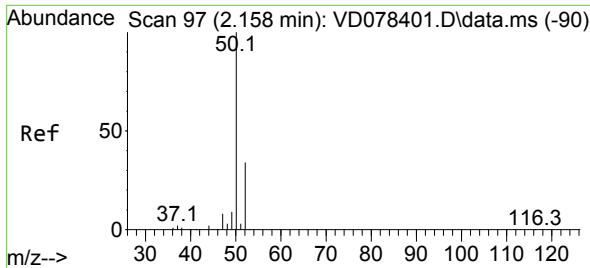
Tgt Ion:168 Resp: 112126
Ion Ratio Lower Upper
168 100
99 48.8 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 18.105 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion: 85 Resp: 20002
Ion Ratio Lower Upper
85 100
87 35.6 15.7 47.0

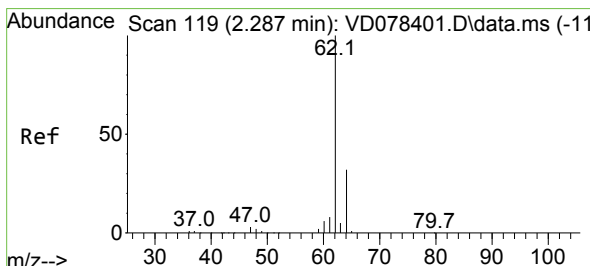
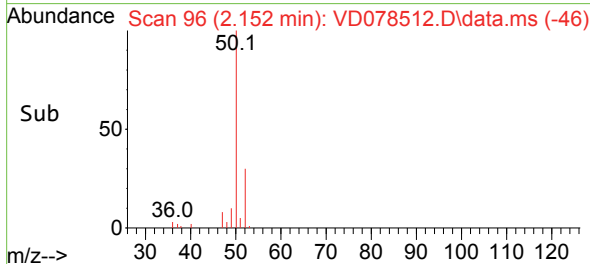
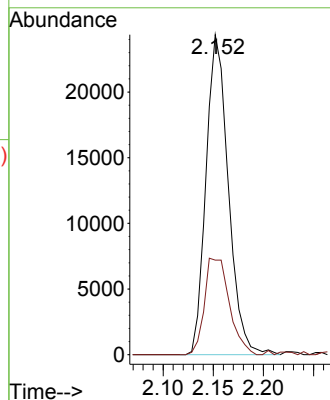
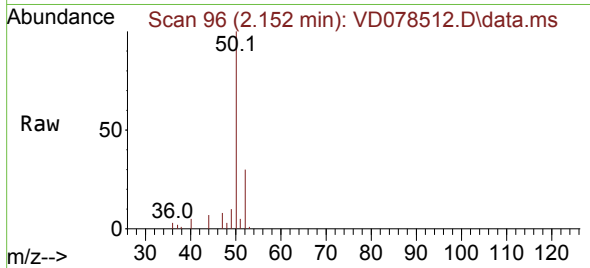




#3
Chloromethane
Concen: 18.589 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

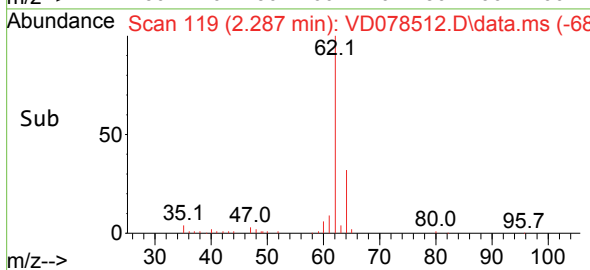
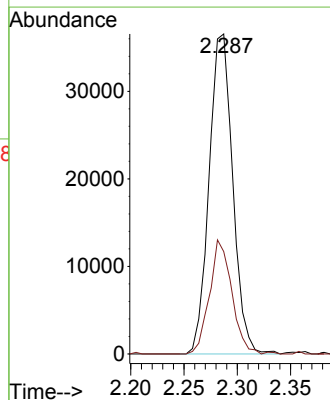
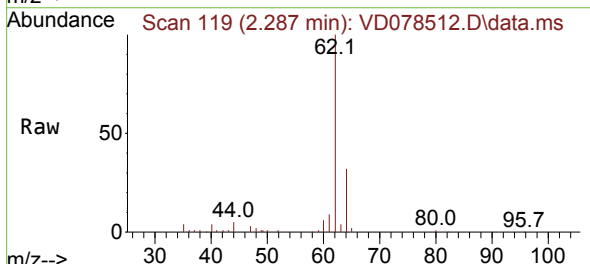
Instrument :
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ClientSampleId :
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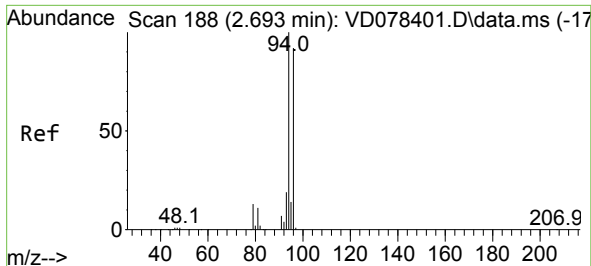
Tgt Ion: 50 Resp: 37741
Ion Ratio Lower Upper
50 100
52 29.6 26.6 40.0



#4
Vinyl Chloride
Concen: 18.236 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion: 62 Resp: 56497
Ion Ratio Lower Upper
62 100
64 32.0 26.0 39.0

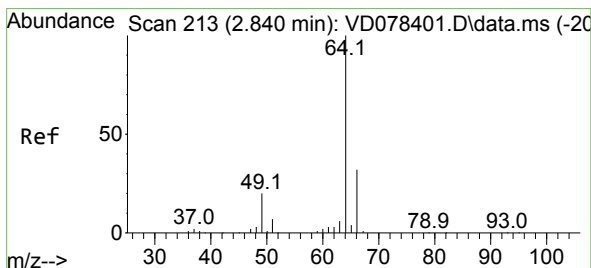
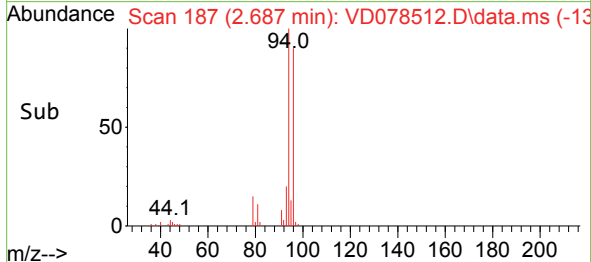
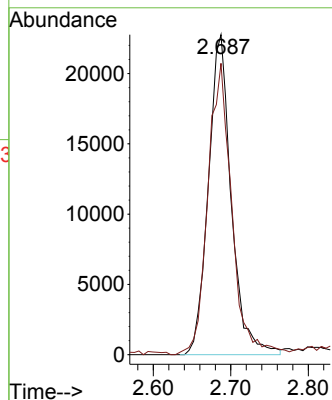
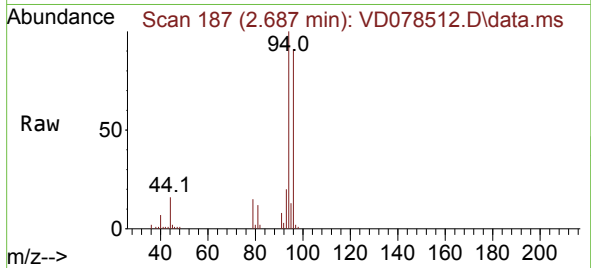




#5
Bromomethane
Concen: 21.849 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

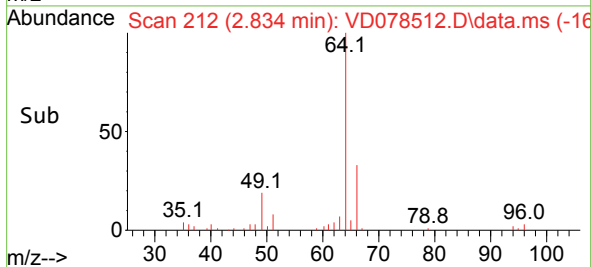
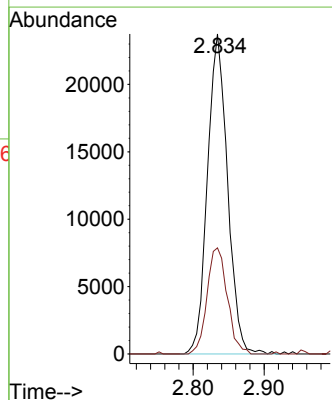
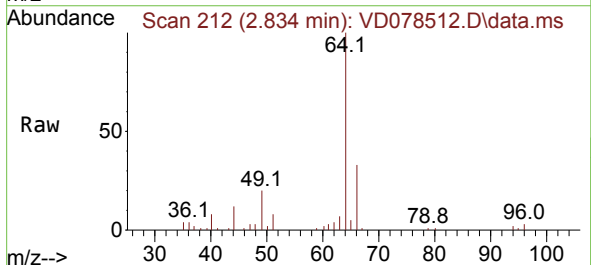
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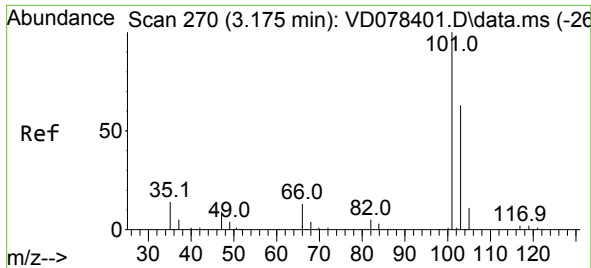
Tgt Ion: 94 Resp: 46724
Ion Ratio Lower Upper
94 100
96 95.2 75.8 113.8



#6
Chloroethane
Concen: 20.657 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion: 64 Resp: 46666
Ion Ratio Lower Upper
64 100
66 33.1 25.5 38.3

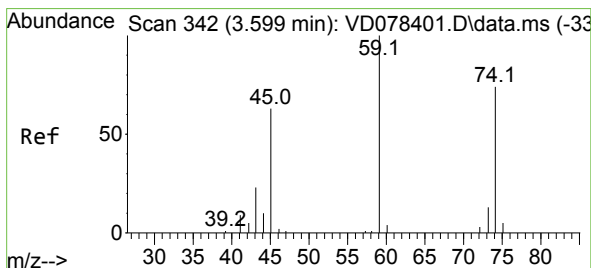
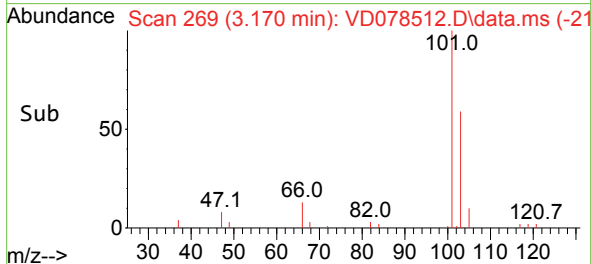
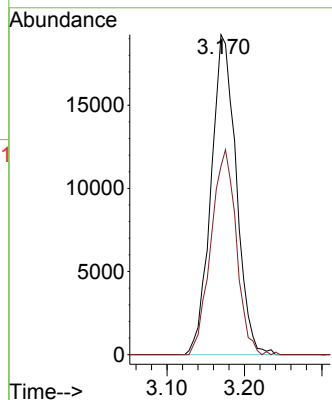
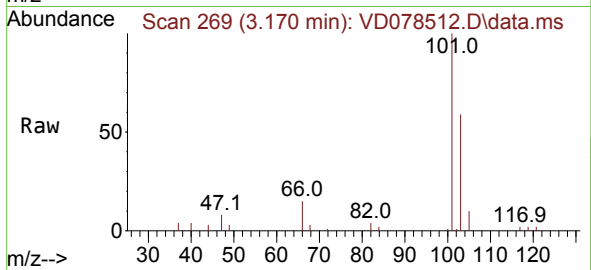




#7
Trichlorofluoromethane
Concen: 20.723 ug/l
RT: 3.170 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

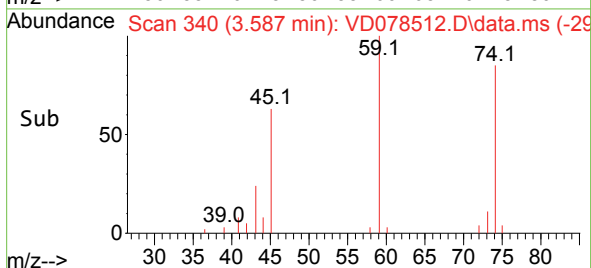
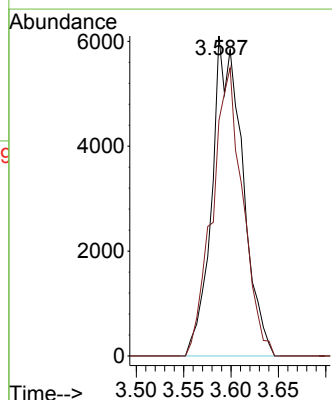
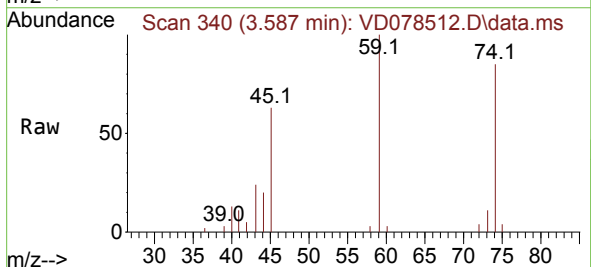
Instrument :
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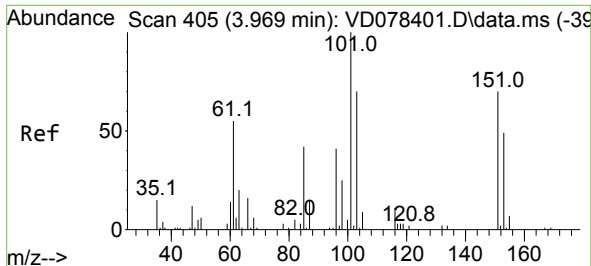
Tgt Ion:101 Resp: 43309
Ion Ratio Lower Upper
101 100
103 58.9 52.3 78.5



#8
Diethyl Ether
Concen: 22.822 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.012 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion: 74 Resp: 13738
Ion Ratio Lower Upper
74 100
45 89.6 37.5 112.7

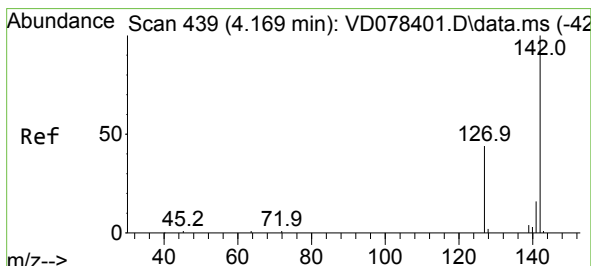
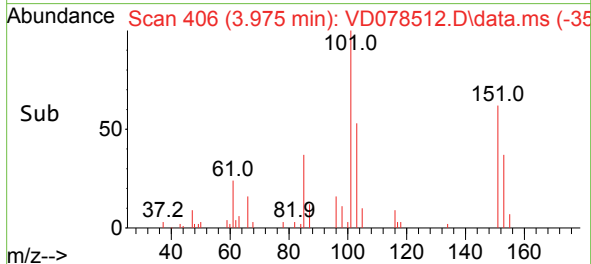
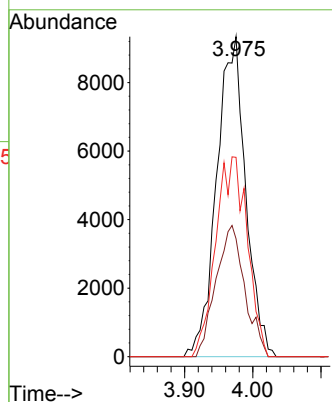
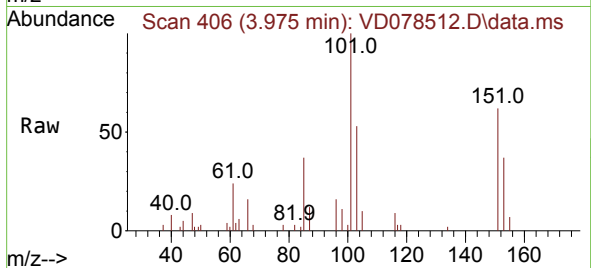




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.968 ug/l
RT: 3.975 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

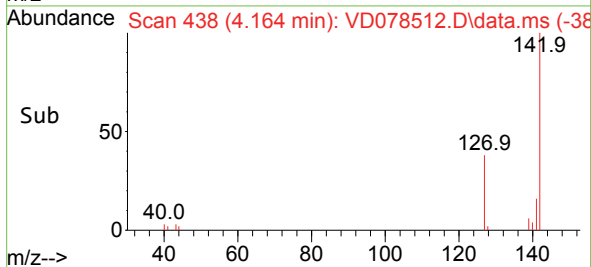
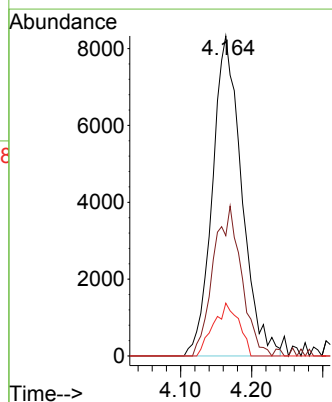
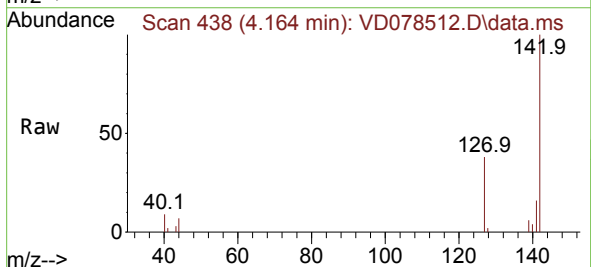
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

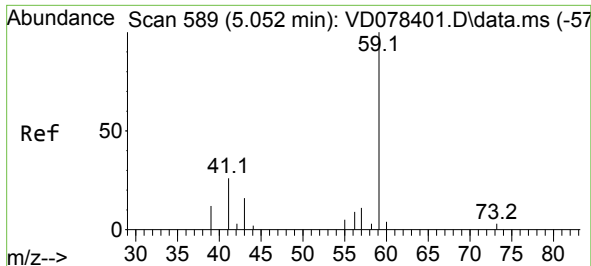
Tgt Ion:101 Resp: 27645
Ion Ratio Lower Upper
101 100
85 40.7 33.8 50.6
151 67.9 59.8 89.6



#10
Methyl Iodide
Concen: 20.121 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion:142 Resp: 23760
Ion Ratio Lower Upper
142 100
127 45.4 29.4 44.0#
141 14.4 11.1 16.7

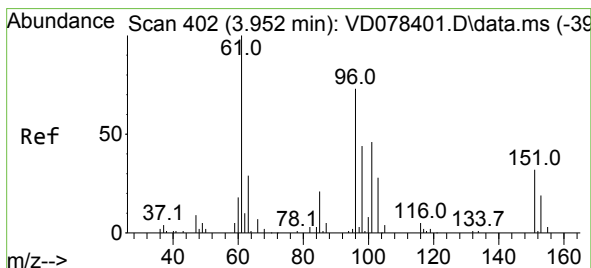
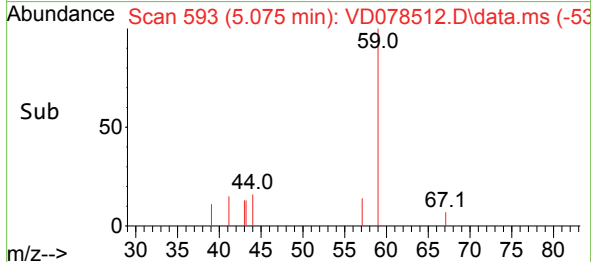
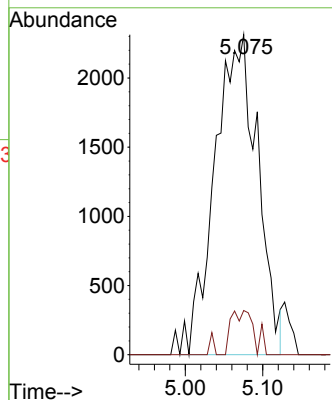
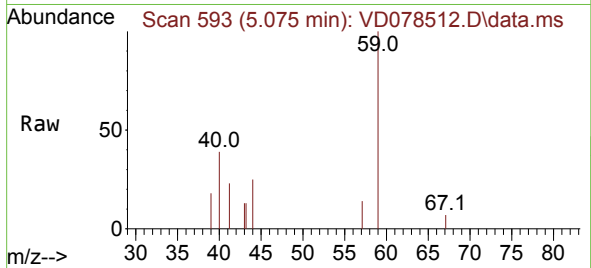




#11
Tert butyl alcohol
Concen: 132.409 ug/l
RT: 5.075 min Scan# 59
Delta R.T. 0.023 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

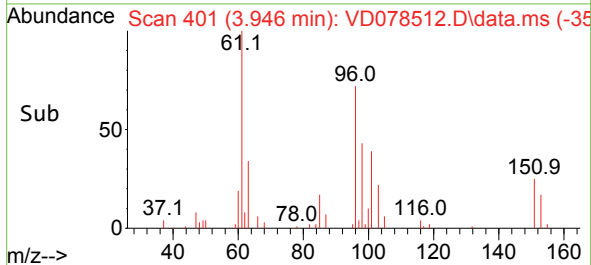
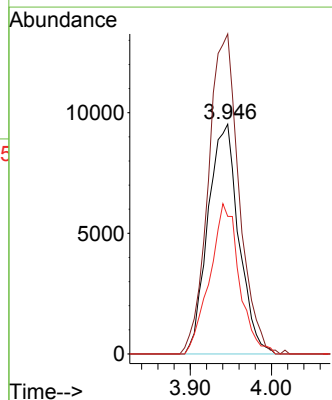
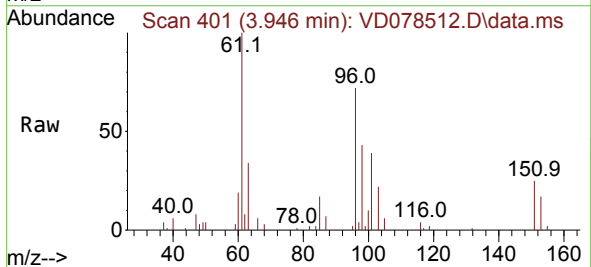
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

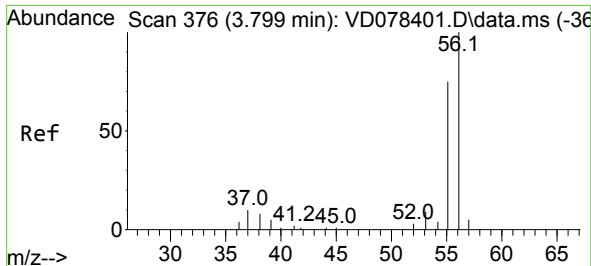
Tgt Ion: 59 Resp: 8875
Ion Ratio Lower Upper
59 100
57 3.2 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 20.536 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion: 96 Resp: 25102
Ion Ratio Lower Upper
96 100
61 139.3 100.6 150.8
98 59.9 50.2 75.2

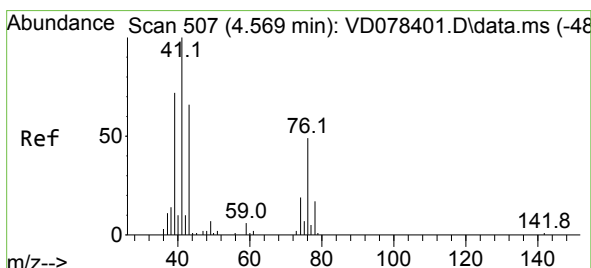
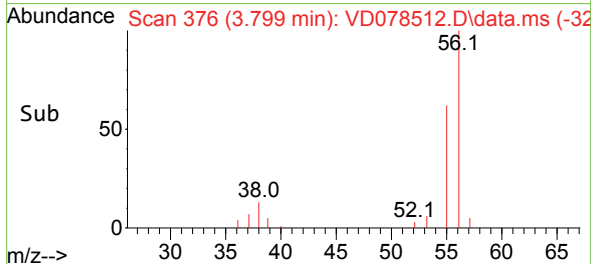
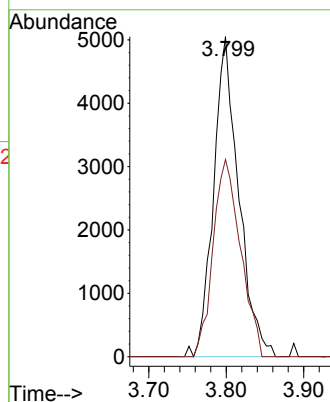
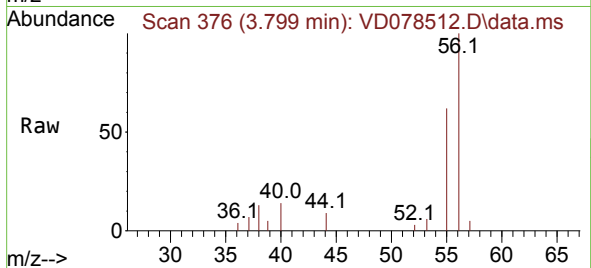




#13
Acrolein
Concen: 101.624 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

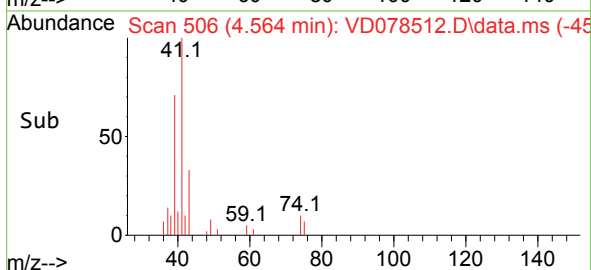
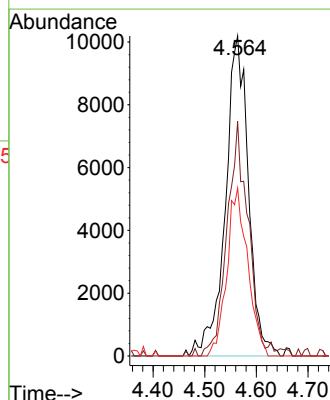
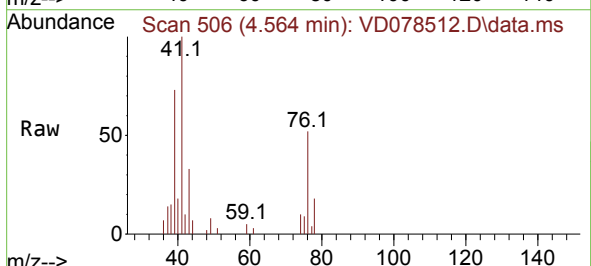
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

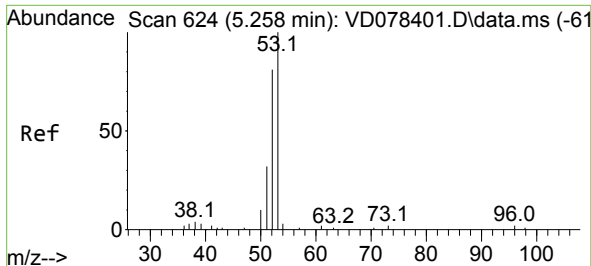
Tgt Ion: 56 Resp: 11382
Ion Ratio Lower Upper
56 100
55 67.2 55.1 82.7



#14
Allyl chloride
Concen: 20.996 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion: 41 Resp: 31704
Ion Ratio Lower Upper
41 100
39 66.2 53.8 80.6
76 47.1 45.8 68.8

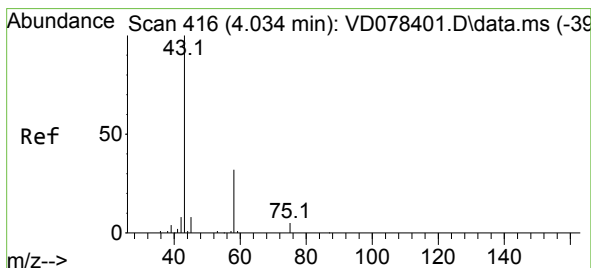
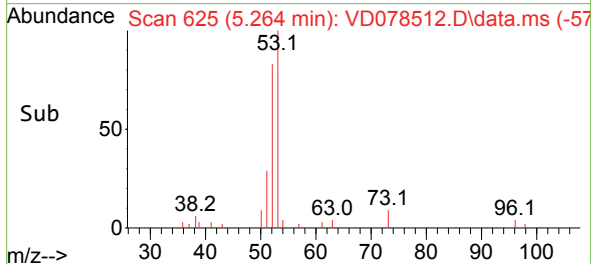
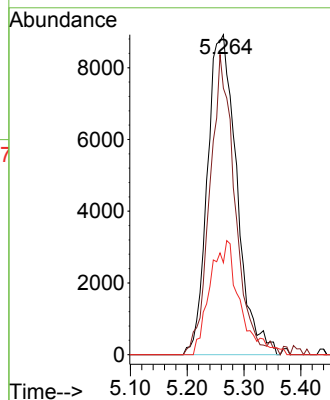
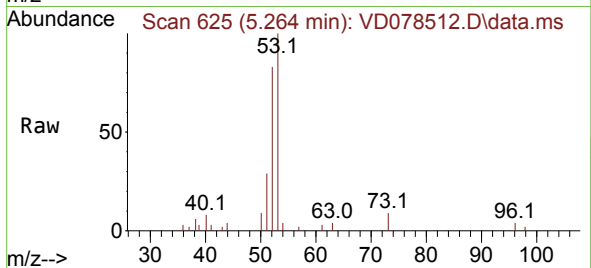




#15
Acrylonitrile
Concen: 124.115 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

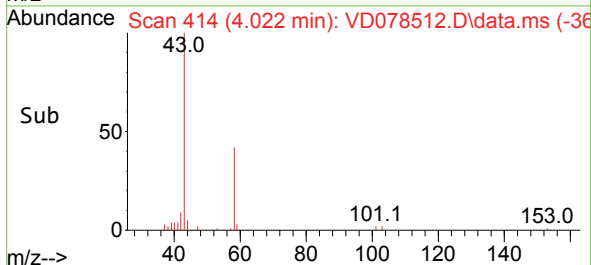
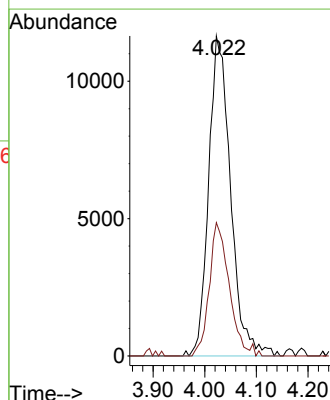
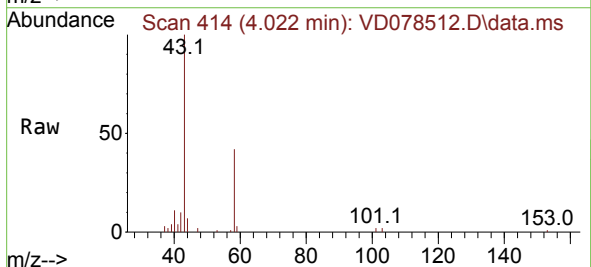
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

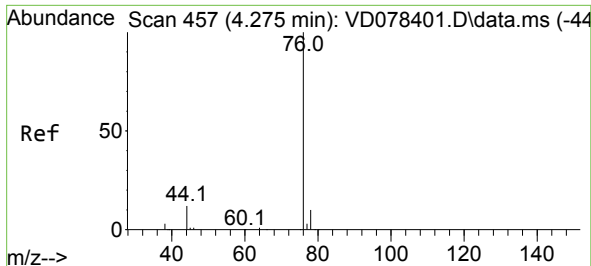
Tgt Ion:	53	Resp:	31983
Ion	Ratio	Lower	Upper
53	100		
52	79.5	65.0	97.4
51	36.3	28.3	42.5



#16
Acetone
Concen: 134.147 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion:	43	Resp:	34345
Ion	Ratio	Lower	Upper
43	100		
58	41.7	34.7	52.1

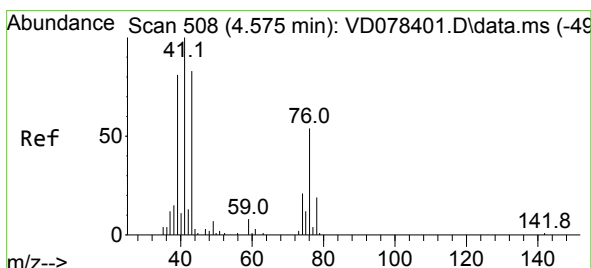
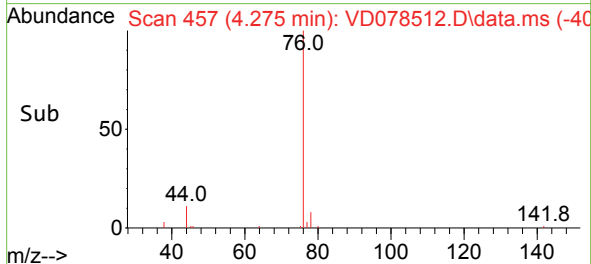
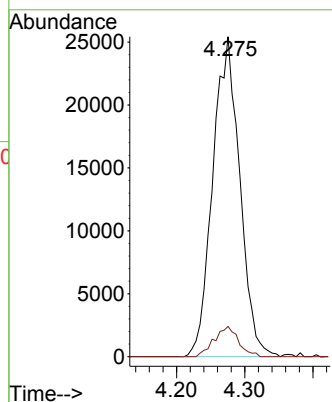
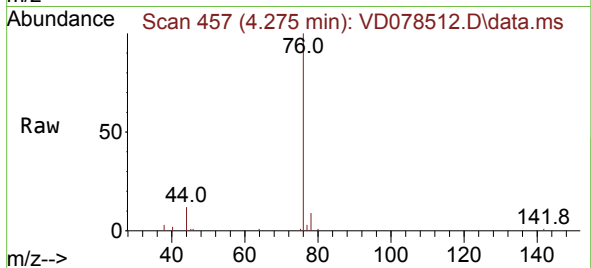




#17
Carbon Disulfide
Concen: 17.024 ug/l
RT: 4.275 min Scan# 417
Delta R.T. 0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

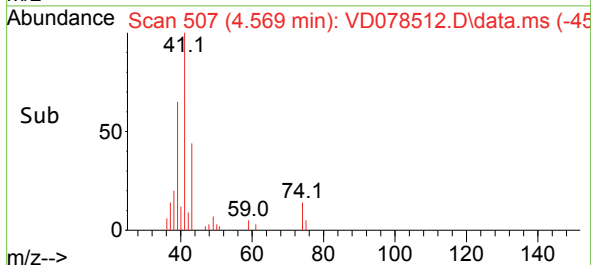
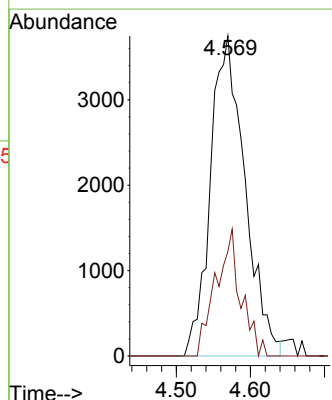
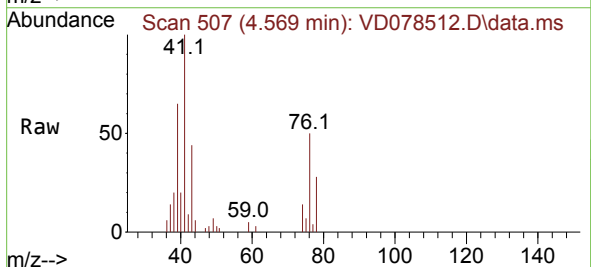
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

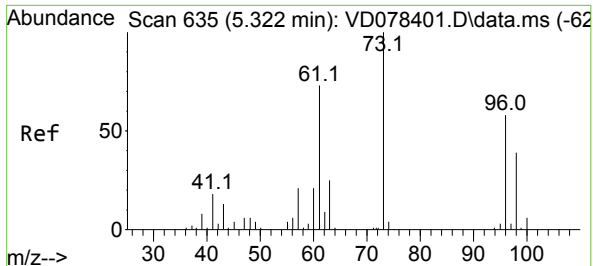
Tgt Ion: 76 Resp: 70021
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 16.871 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion: 43 Resp: 12112
Ion Ratio Lower Upper
43 100
74 28.8 26.4 39.6

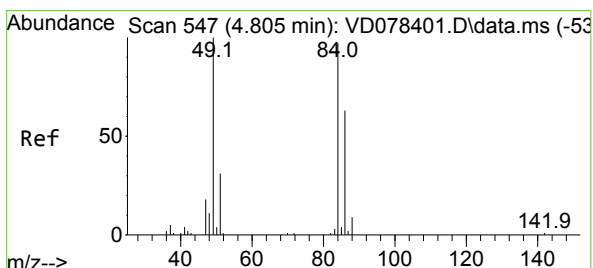
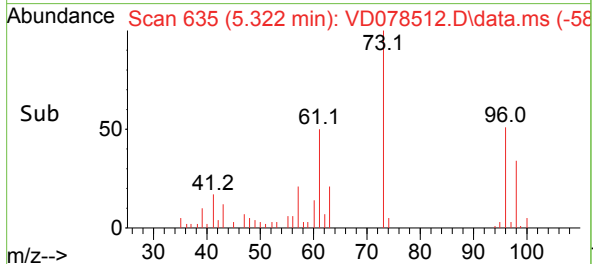
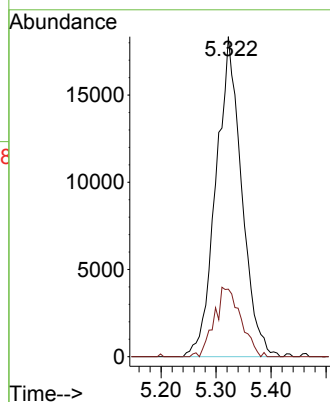
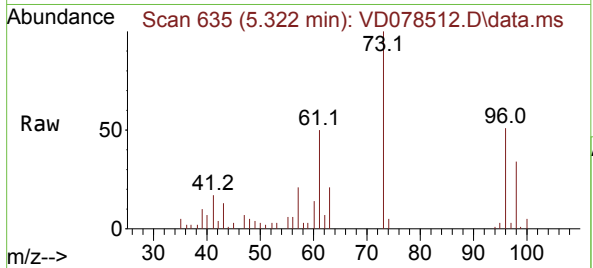




#19
Methyl tert-butyl Ether
Concen: 22.985 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

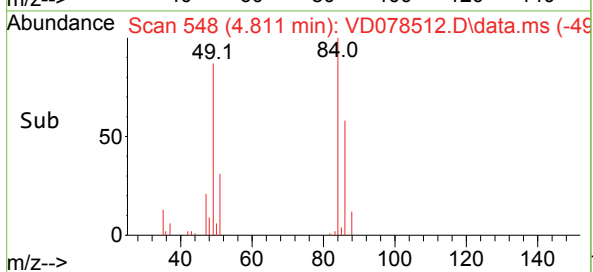
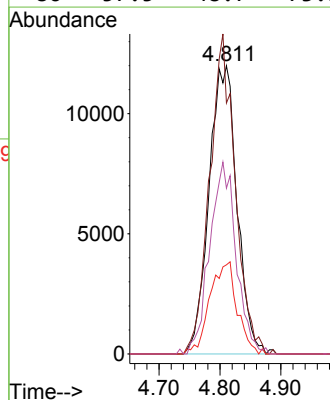
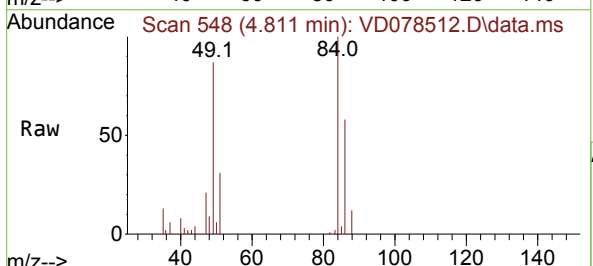
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

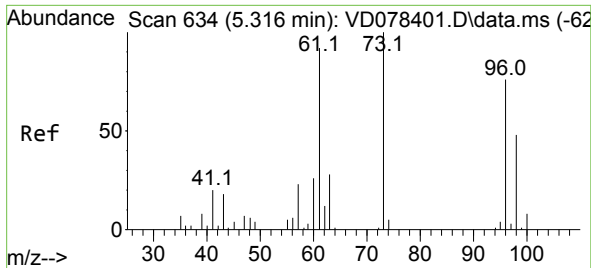
Tgt Ion: 73 Resp: 59691
Ion Ratio Lower Upper
73 100
57 21.1 16.6 25.0



#20
Methylene Chloride
Concen: 26.525 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

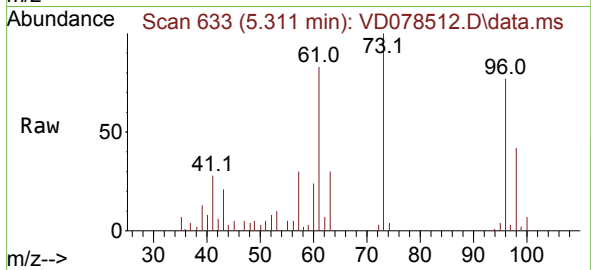
Tgt Ion: 84 Resp: 38421
Ion Ratio Lower Upper
84 100
49 87.1 71.4 107.2
51 30.9 24.5 36.7
86 57.5 48.7 73.1



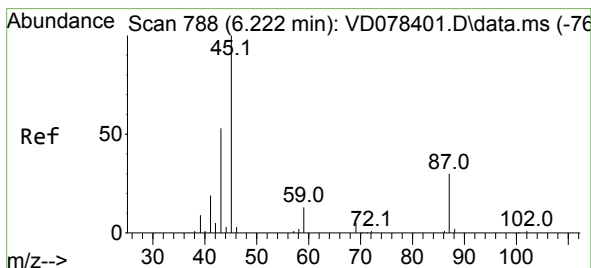
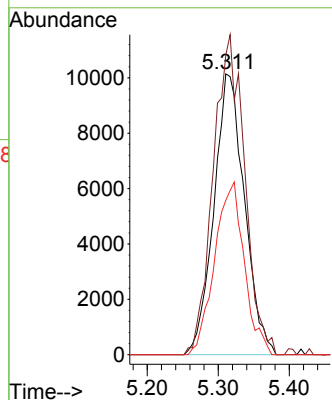
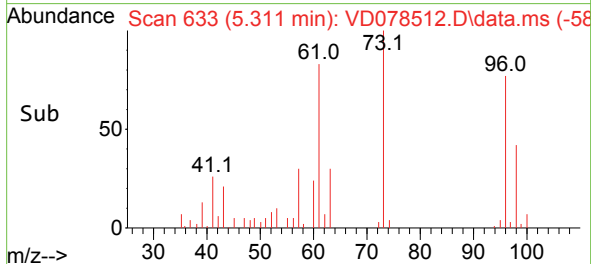


#21
trans-1,2-Dichloroethene
Concen: 21.078 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

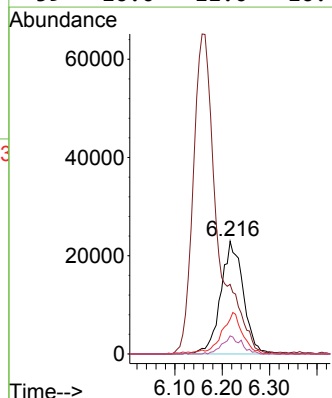
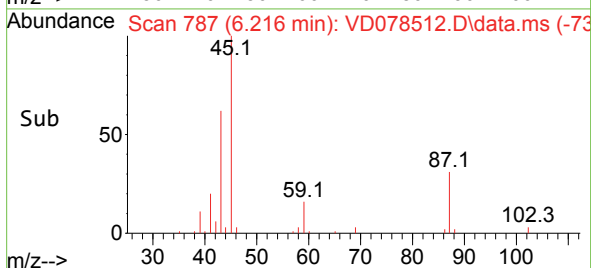
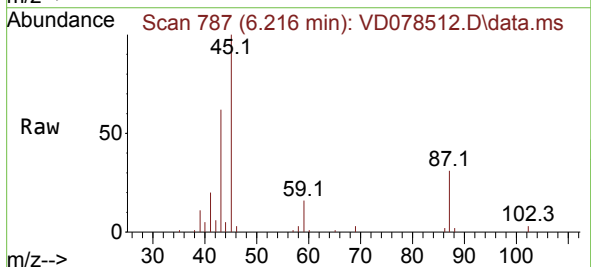


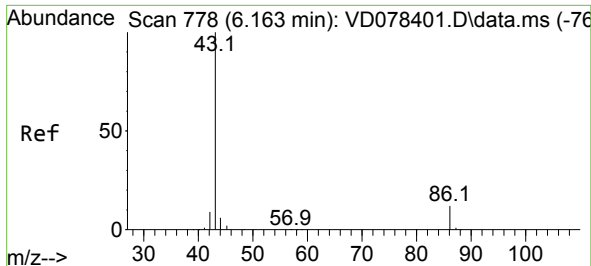
Tgt Ion: 96 Resp: 30309
Ion Ratio Lower Upper
96 100
61 106.6 89.3 133.9
98 54.9 48.6 73.0



#22
Diisopropyl ether
Concen: 22.758 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion: 45 Resp: 75742
Ion Ratio Lower Upper
45 100
43 60.2 40.0 60.0#
87 30.8 28.2 42.4
59 16.0 11.0 16.4

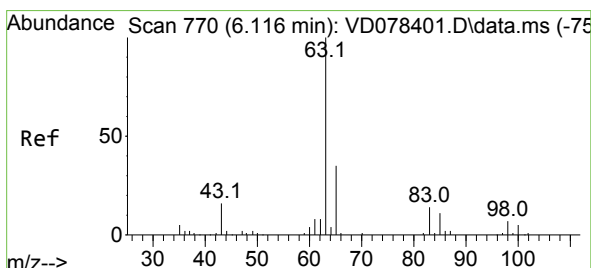
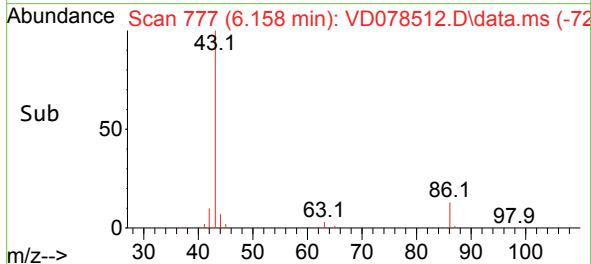
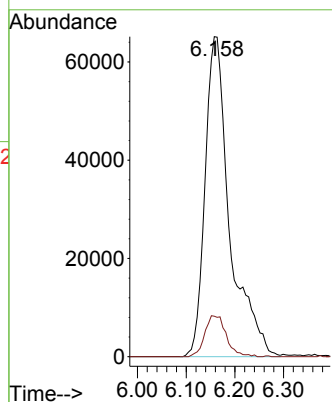
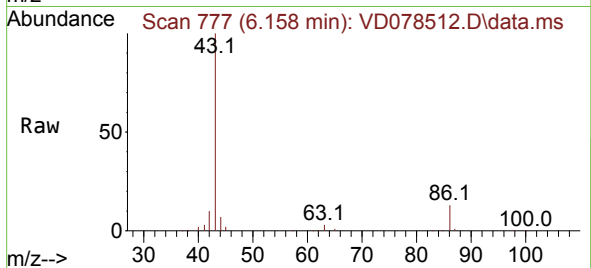




#23
Vinyl Acetate
Concen: 163.140 ug/l
RT: 6.158 min Scan# 777
Delta R.T. -0.005 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

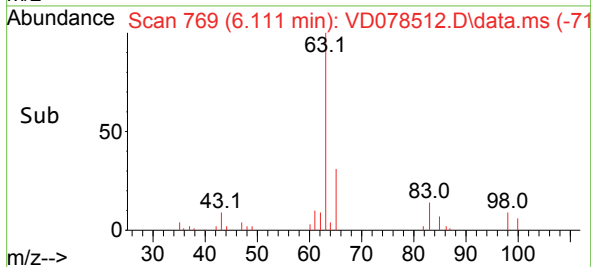
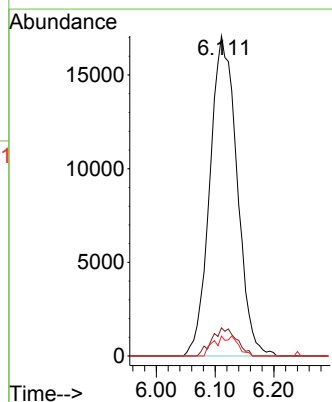
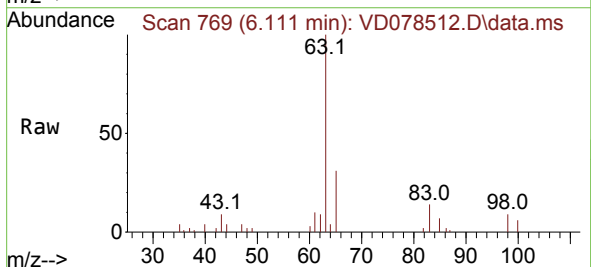
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

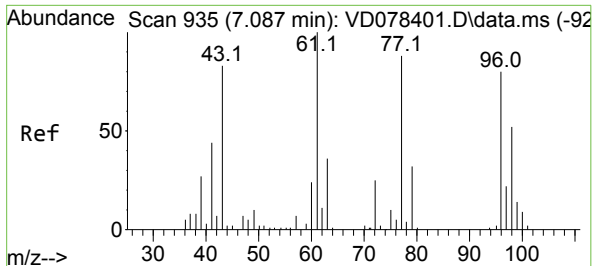
Tgt Ion: 43 Resp: 229175
Ion Ratio Lower Upper
43 100
86 12.7 12.5 18.7



#24
1,1-Dichloroethane
Concen: 23.268 ug/l
RT: 6.111 min Scan# 769
Delta R.T. -0.006 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion: 63 Resp: 54859
Ion Ratio Lower Upper
63 100
98 8.8 4.5 13.7
100 6.2 2.5 7.5

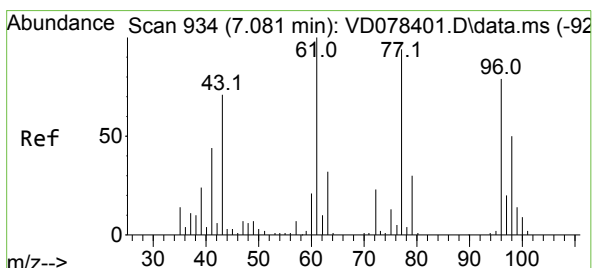
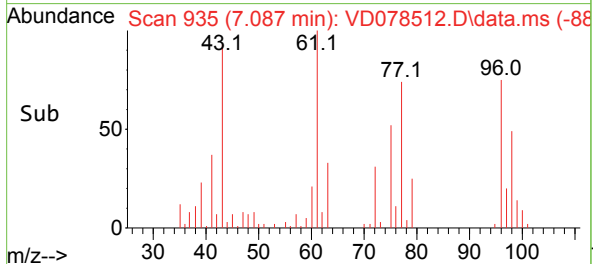
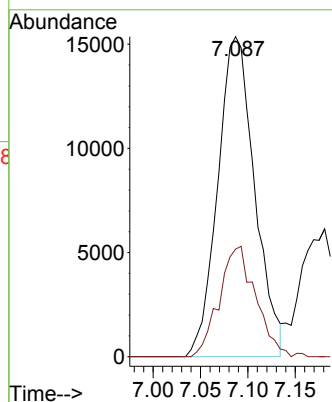
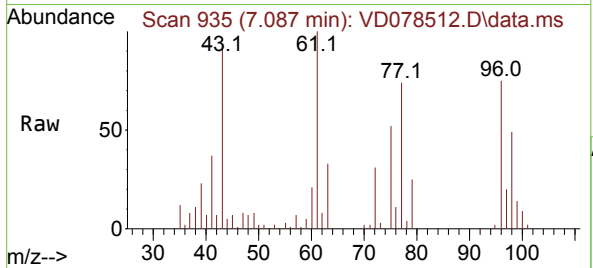




#25
2-Butanone
Concen: 128.116 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

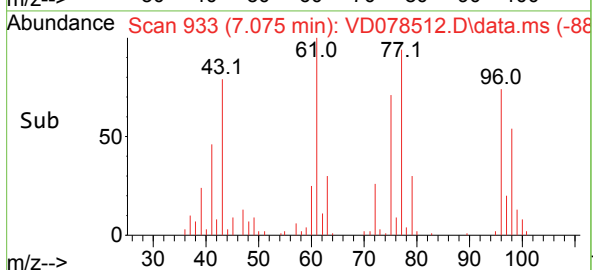
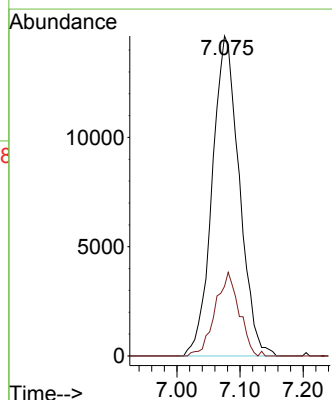
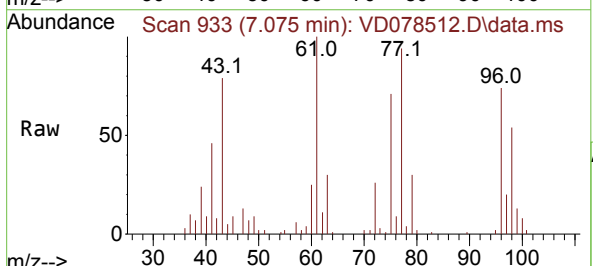
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

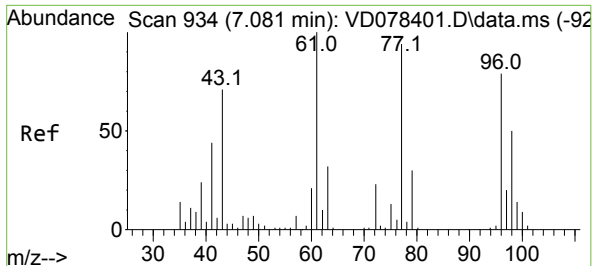
Tgt Ion: 43 Resp: 41704
Ion Ratio Lower Upper
43 100
72 33.6 30.7 46.1



#26
2,2-Dichloropropane
Concen: 22.125 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion: 77 Resp: 43729
Ion Ratio Lower Upper
77 100
97 23.0 13.2 39.6



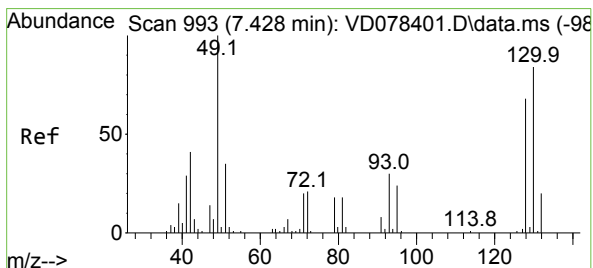
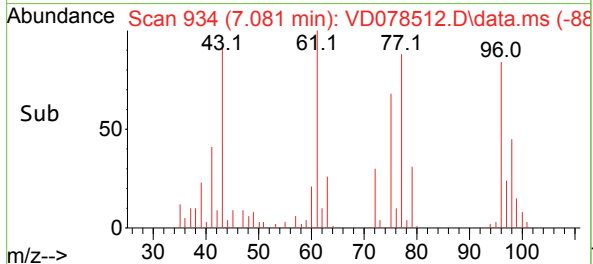
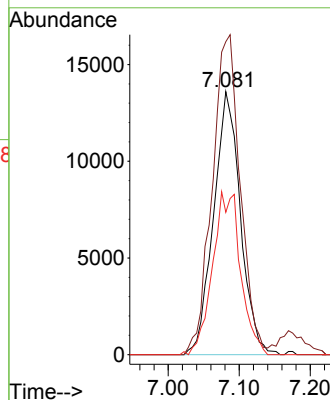
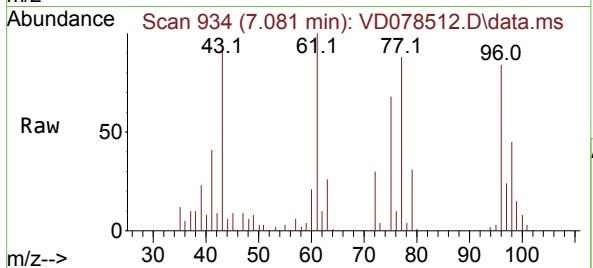


#27
 cis-1,2-Dichloroethene
 Concen: 22.599 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078512.D
 Acq: 22 Feb 2024 12:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0222SBS01

Tgt Ion: 96 Resp: 35654

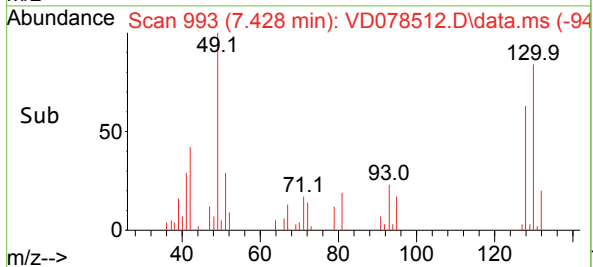
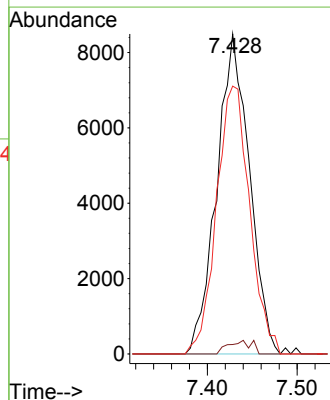
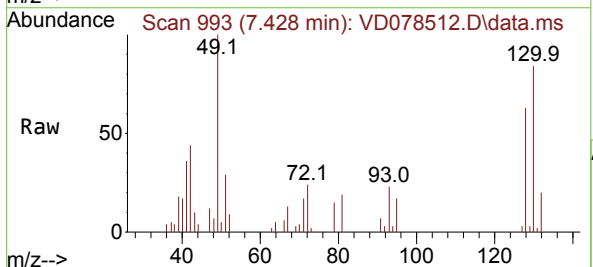
Ion	Ratio	Lower	Upper
96	100		
61	127.4	0.0	239.2
98	64.7	0.0	128.6

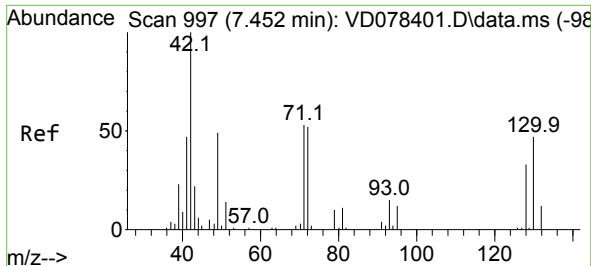


#28
 Bromochloromethane
 Concen: 22.985 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078512.D
 Acq: 22 Feb 2024 12:46

Tgt Ion: 49 Resp: 21464

Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	6.0
130	85.1	83.2	124.8





#29

Tetrahydrofuran

Concen: 121.733 ug/l

RT: 7.452 min Scan# 997

Delta R.T. 0.000 min

Lab File: VD078512.D

Acq: 22 Feb 2024 12:46

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBS01

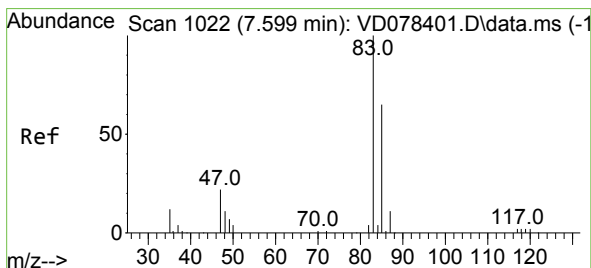
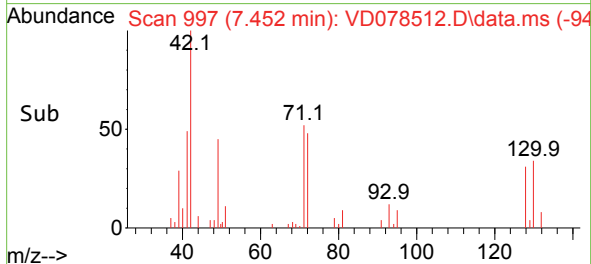
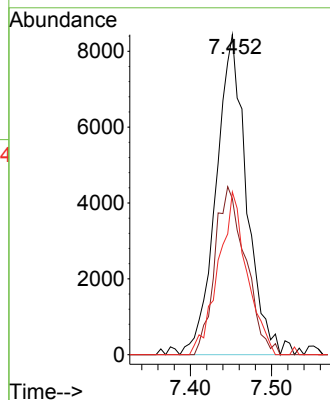
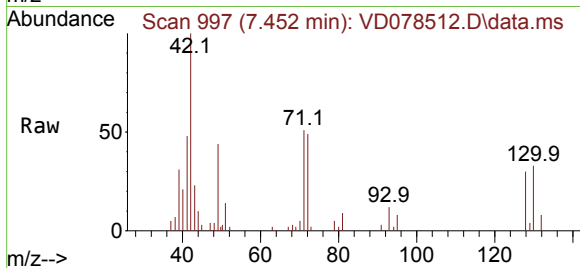
Tgt Ion: 42 Resp: 21948

Ion Ratio Lower Upper

42 100

72 53.3 46.5 69.7

71 48.2 44.5 66.7



#30

Chloroform

Concen: 23.607 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD078512.D

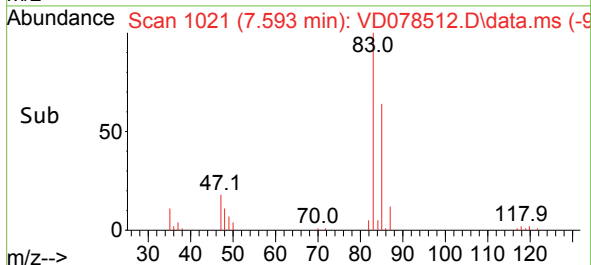
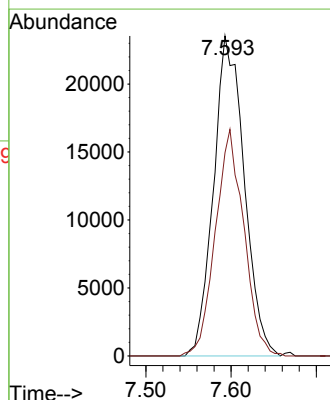
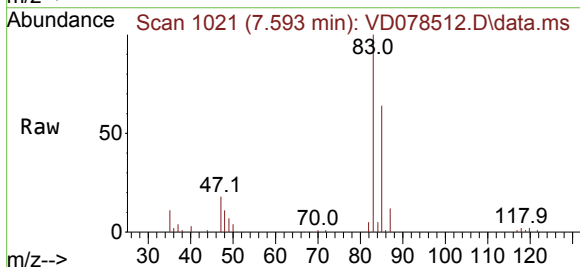
Acq: 22 Feb 2024 12:46

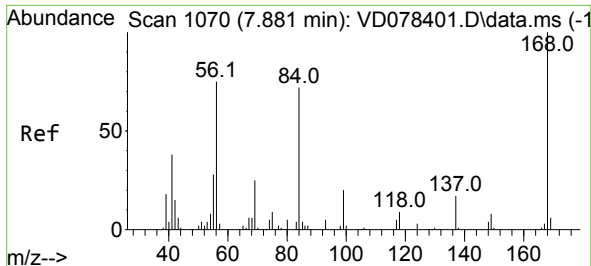
Tgt Ion: 83 Resp: 58889

Ion Ratio Lower Upper

83 100

85 63.5 53.4 80.2

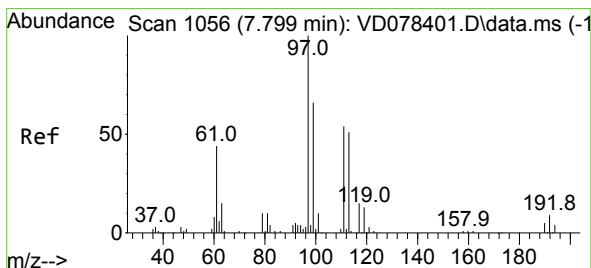
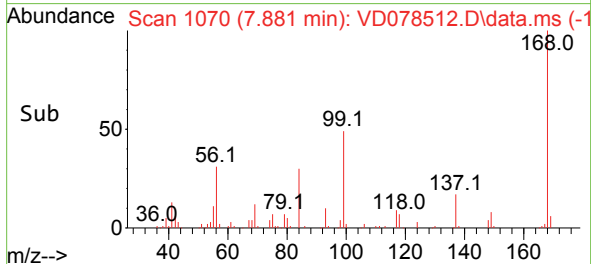
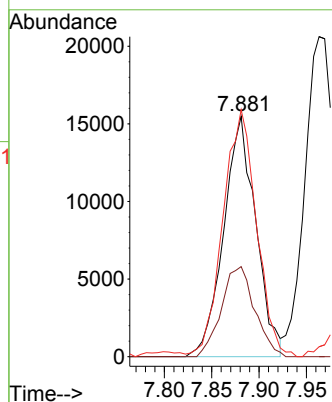
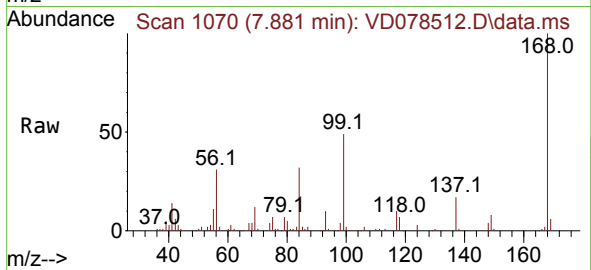




#31
Cyclohexane
Concen: 17.803 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

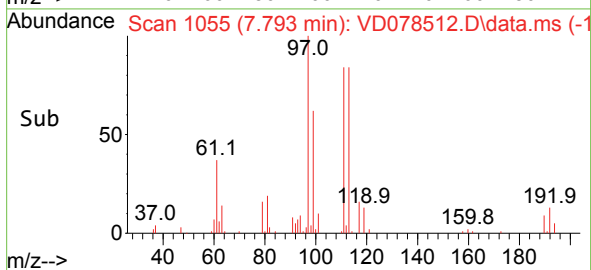
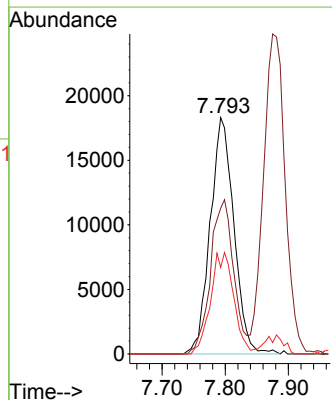
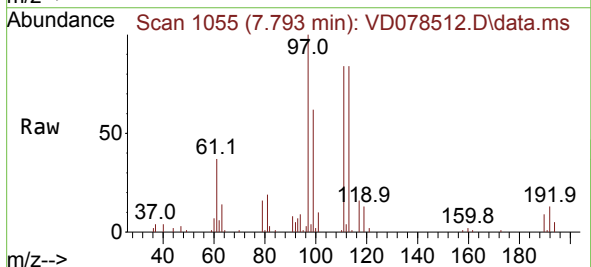
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

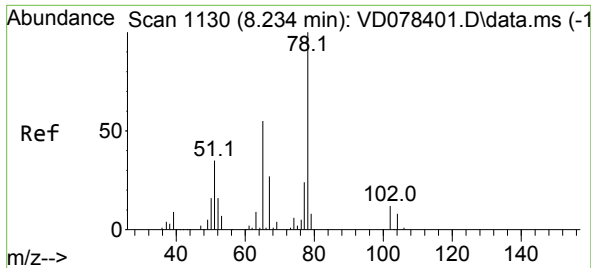
Tgt Ion: 56 Resp: 36511
Ion Ratio Lower Upper
56 100
69 37.5 28.6 43.0
84 101.0 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 22.427 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion: 97 Resp: 47698
Ion Ratio Lower Upper
97 100
99 63.5 52.0 78.0
61 42.0 33.8 50.8

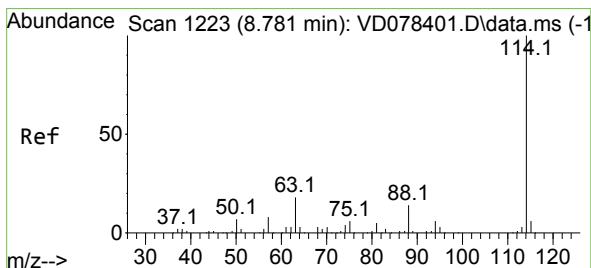
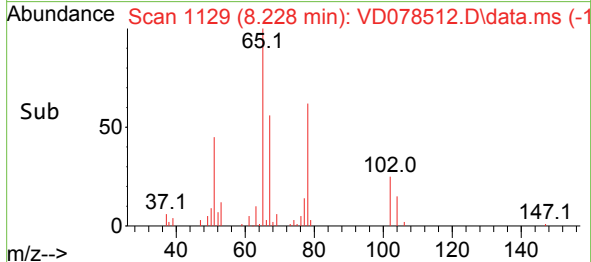
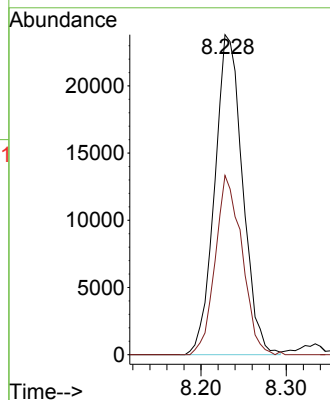
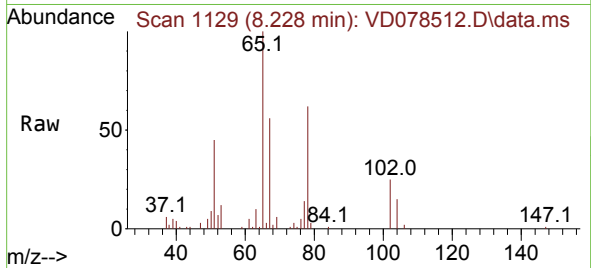




#33
1,2-Dichloroethane-d4
Concen: 44.685 ug/l
RT: 8.228 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

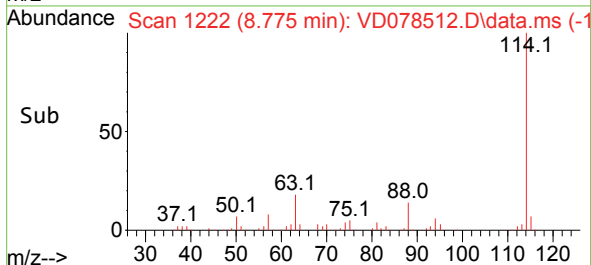
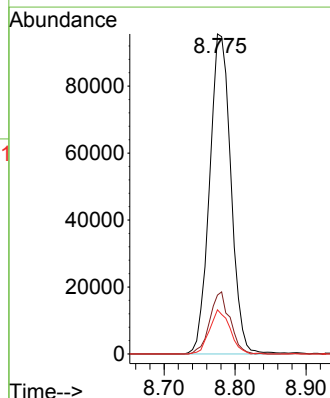
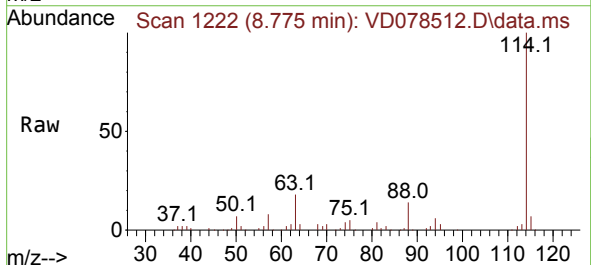
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

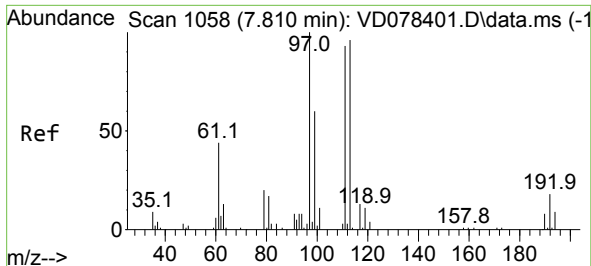
Tgt Ion: 65 Resp: 54174
Ion Ratio Lower Upper
65 100
67 53.7 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion: 114 Resp: 198996
Ion Ratio Lower Upper
114 100
63 18.4 0.0 33.4
88 13.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 45.265 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078512.D

Acq: 22 Feb 2024 12:46

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBS01

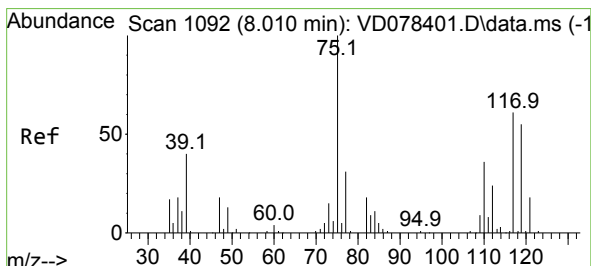
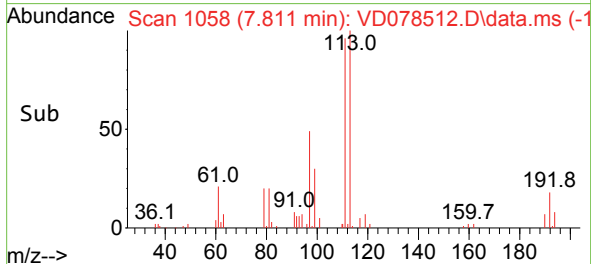
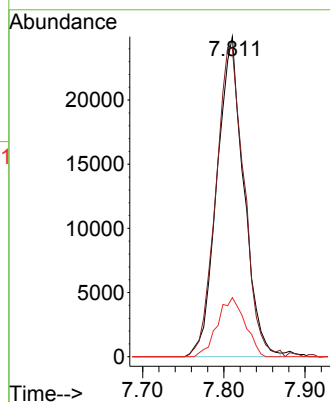
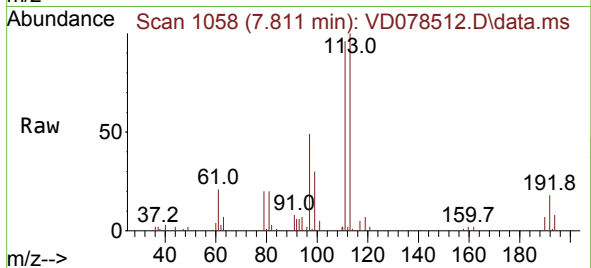
Tgt Ion:113 Resp: 57218

Ion Ratio Lower Upper

113 100

111 102.3 84.7 127.1

192 19.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 19.988 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078512.D

Acq: 22 Feb 2024 12:46

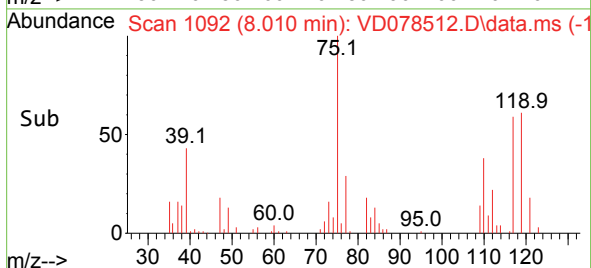
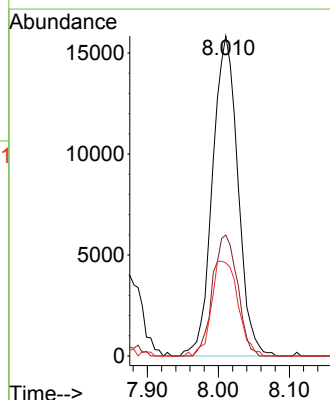
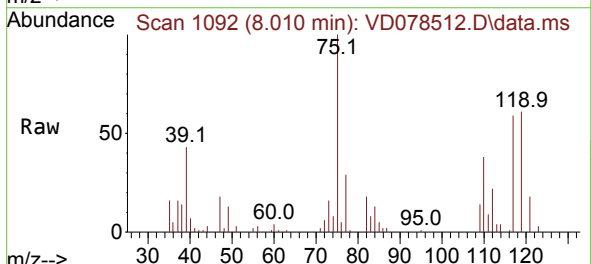
Tgt Ion: 75 Resp: 39250

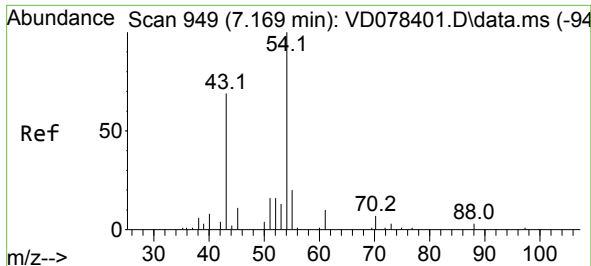
Ion Ratio Lower Upper

75 100

110 37.0 19.9 59.6

77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 21.242 ug/l

RT: 7.181 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD078512.D

Acq: 22 Feb 2024 12:46

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBS01

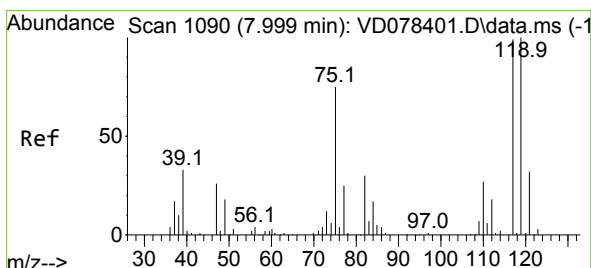
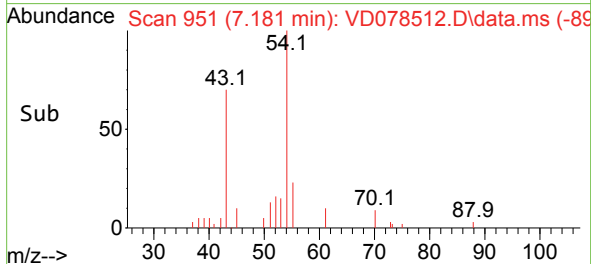
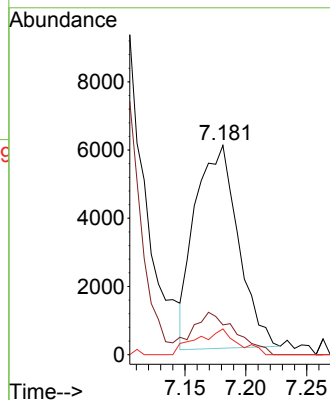
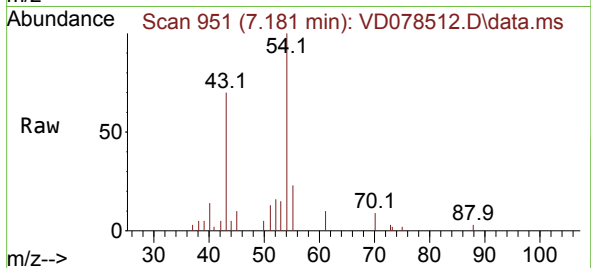
Tgt Ion: 43 Resp: 14622

Ion Ratio Lower Upper

43 100

61 21.3 14.9 22.3

70 12.1 10.0 15.0



#38

Carbon Tetrachloride

Concen: 20.580 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VD078512.D

Acq: 22 Feb 2024 12:46

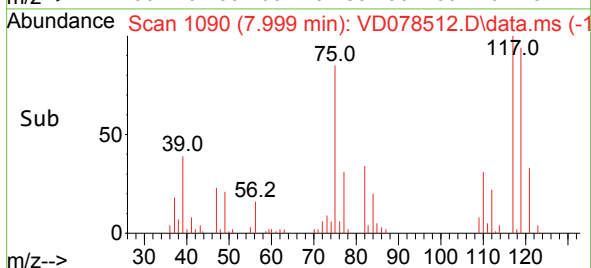
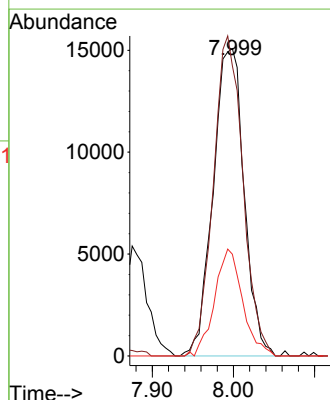
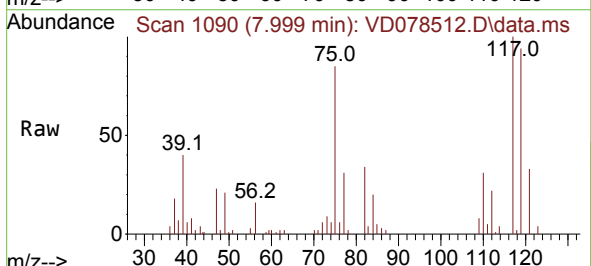
Tgt Ion: 117 Resp: 40021

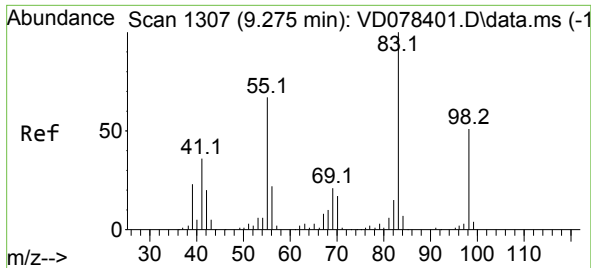
Ion Ratio Lower Upper

117 100

119 94.4 78.0 117.0

121 33.1 24.2 36.2

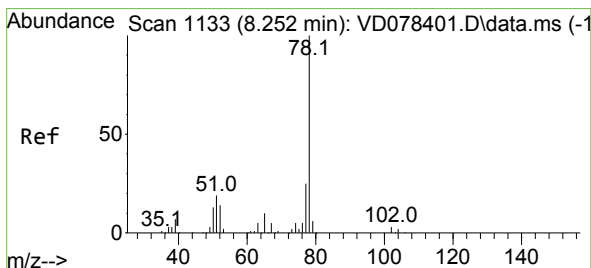
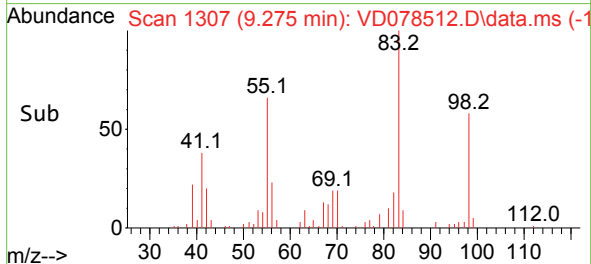
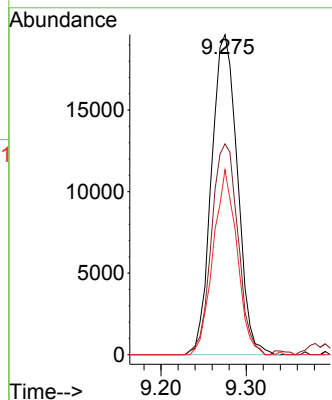
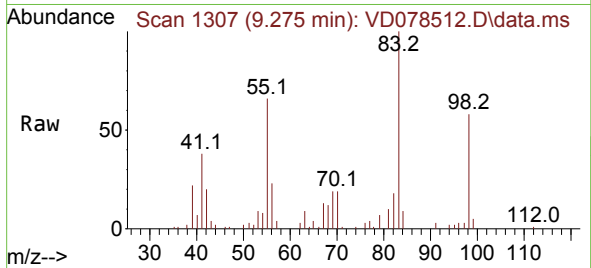




#39
Methylcyclohexane
Concen: 17.801 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

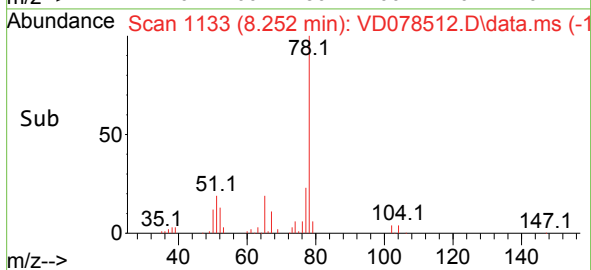
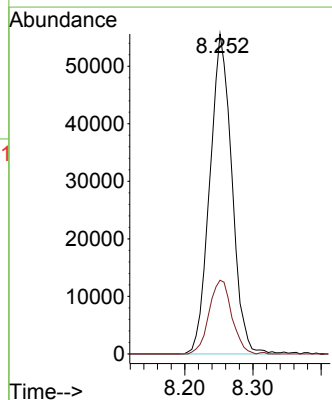
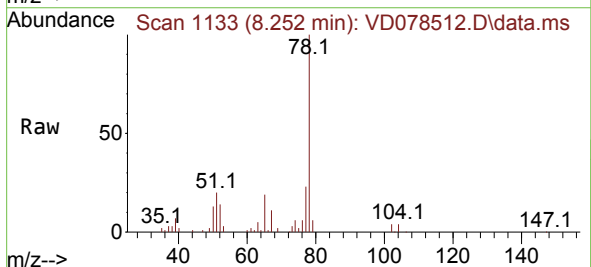
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

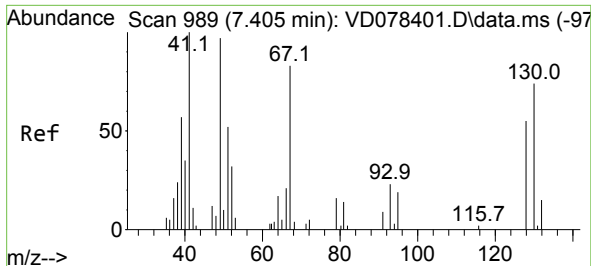
Tgt Ion: 83 Resp: 41497
Ion Ratio Lower Upper
83 100
55 65.9 49.4 74.0
98 57.8 38.4 57.6#



#40
Benzene
Concen: 22.015 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion: 78 Resp: 124957
Ion Ratio Lower Upper
78 100
77 23.1 19.4 29.0

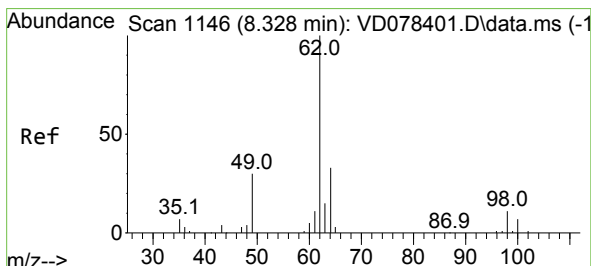
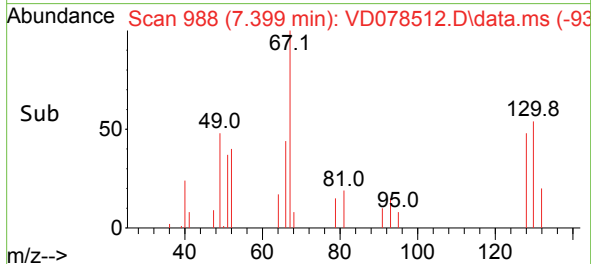
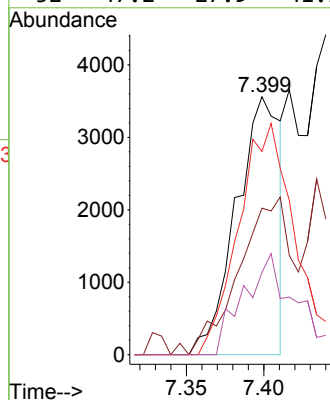
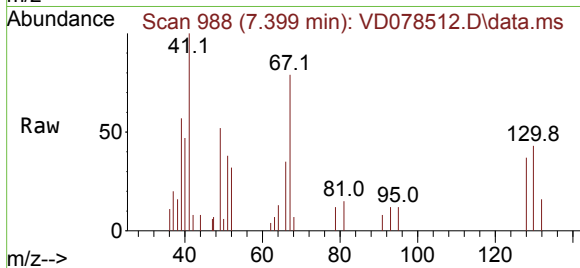




#41
Methacrylonitrile
Concen: 19.626 ug/l
RT: 7.399 min Scan# 989
Delta R.T. -0.006 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

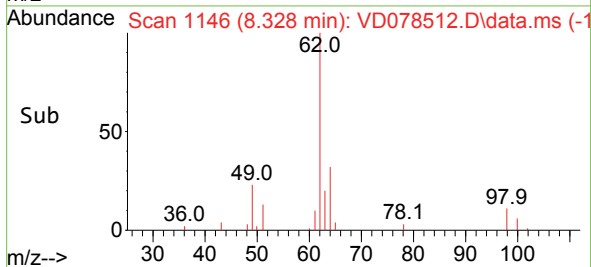
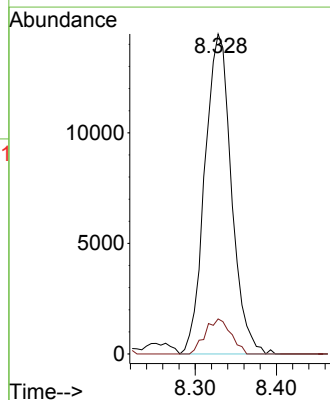
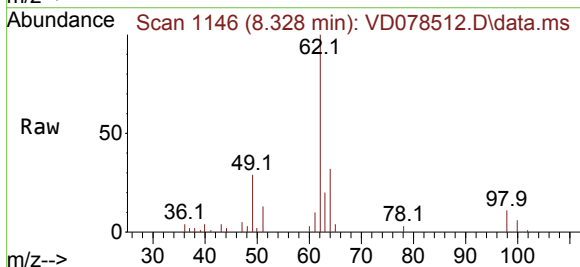
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

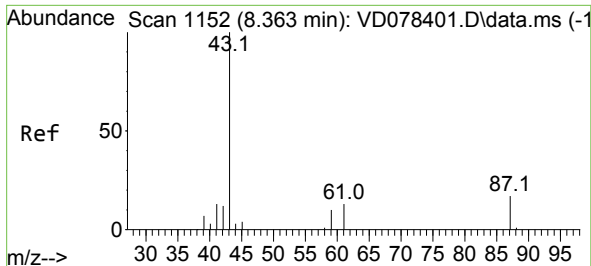
Tgt Ion:	41	Resp:	7031
Ion	Ratio	Lower	Upper
41	100		
39	72.4	34.0	51.0#
67	114.5	77.0	115.4
52	47.2	27.9	41.9#



#42
1,2-Dichloroethane
Concen: 22.430 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion:	62	Resp:	32941
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	25.4

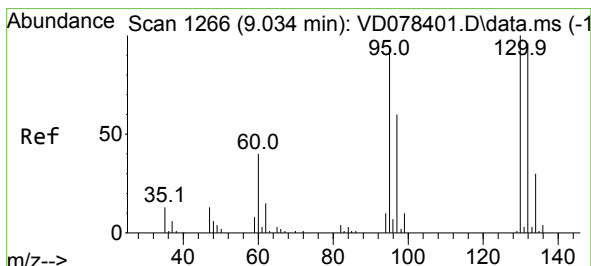
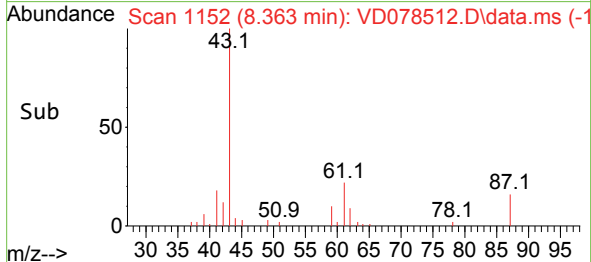
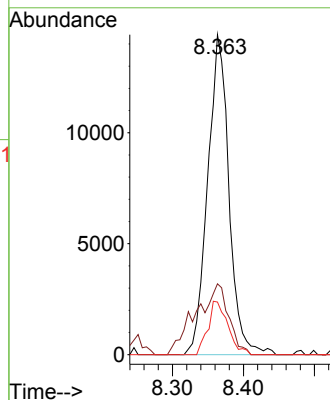
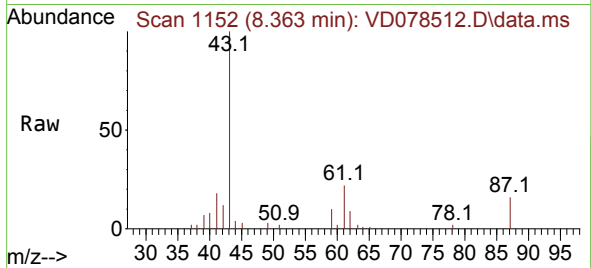




#43
Isopropyl Acetate
Concen: 23.564 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

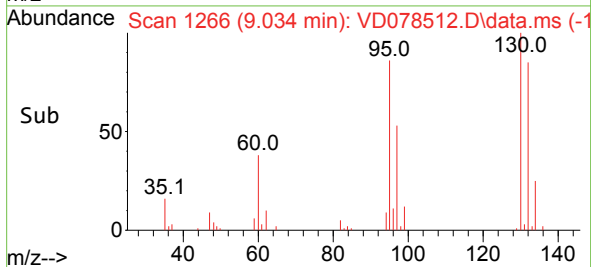
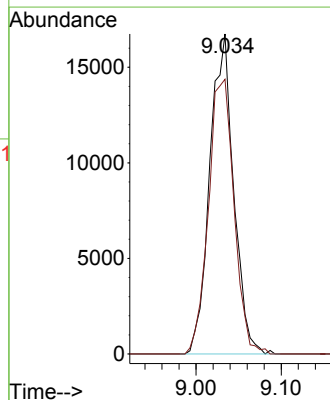
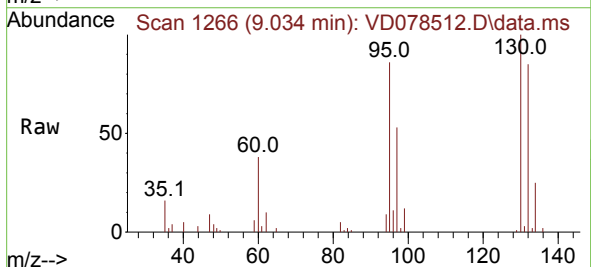
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

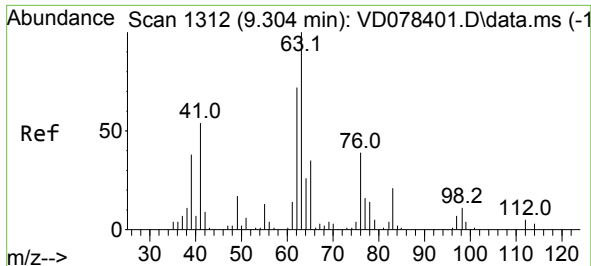
Tgt Ion: 43 Resp: 30037
Ion Ratio Lower Upper
43 100
61 34.2 31.4 47.0
87 15.7 14.9 22.3



#44
Trichloroethene
Concen: 22.504 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion:130 Resp: 32587
Ion Ratio Lower Upper
130 100
95 85.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 22.449 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078512.D

Acq: 22 Feb 2024 12:46

Instrument :

MSVOA_D

ClientSampleId :

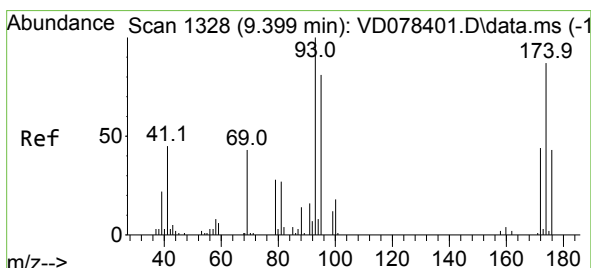
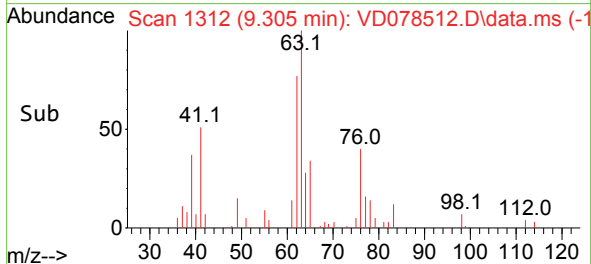
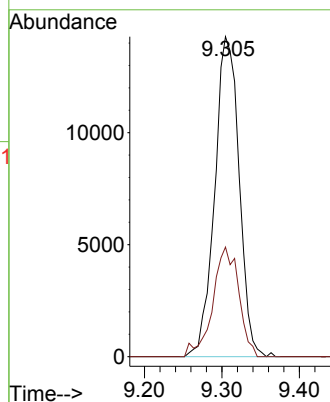
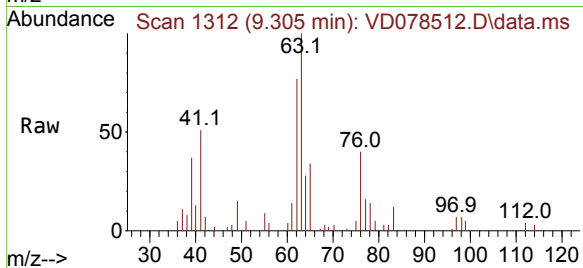
VD0222SBS01

Tgt Ion: 63 Resp: 31263

Ion Ratio Lower Upper

63 100

65 34.2 24.5 36.7



#46

Dibromomethane

Concen: 22.599 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078512.D

Acq: 22 Feb 2024 12:46

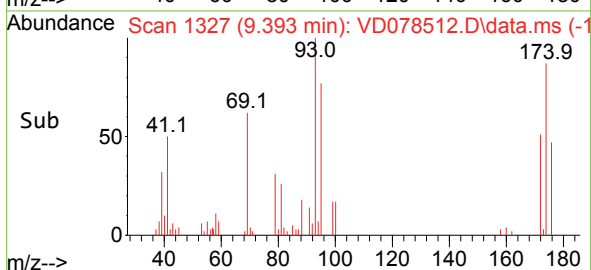
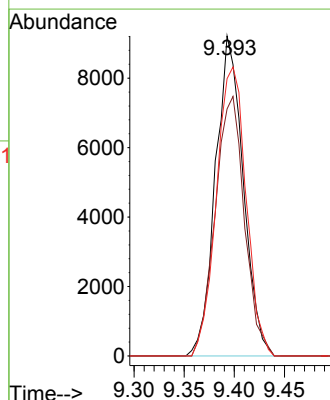
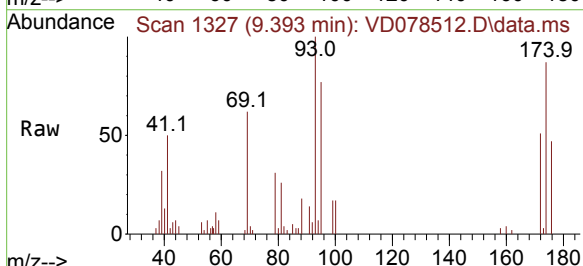
Tgt Ion: 93 Resp: 17702

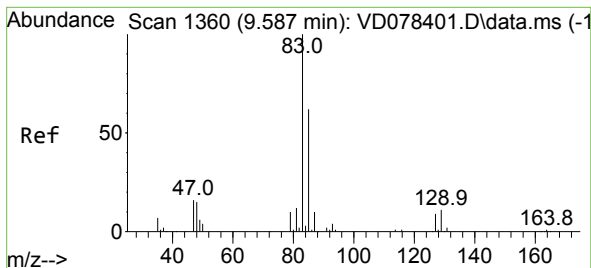
Ion Ratio Lower Upper

93 100

95 85.6 67.7 101.5

174 96.7 85.4 128.2





#47

Bromodichloromethane

Concen: 23.418 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD078512.D

Acq: 22 Feb 2024 12:46

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBS01

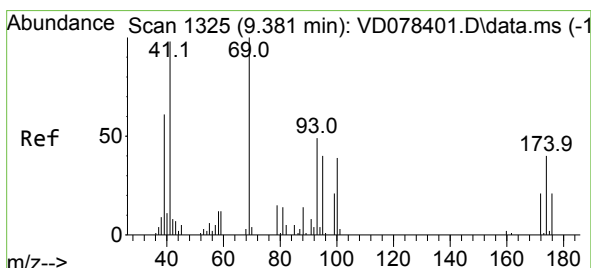
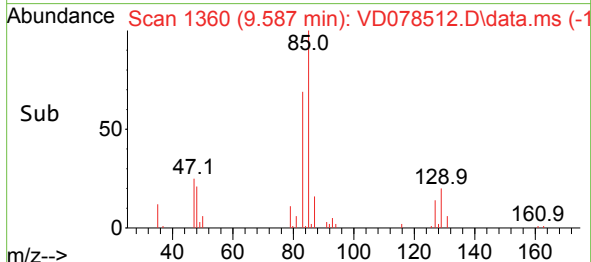
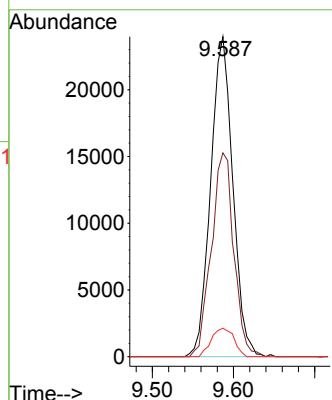
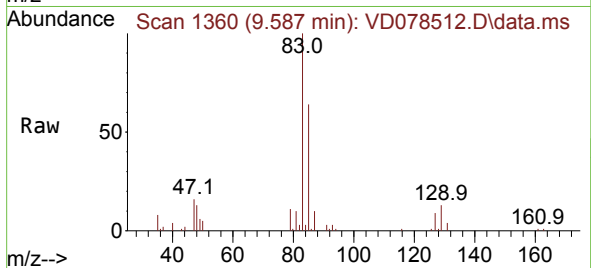
Tgt Ion: 83 Resp: 45433

Ion Ratio Lower Upper

83 100

85 63.7 50.2 75.4

127 8.9 6.3 9.5



#48

Methyl methacrylate

Concen: 20.791 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD078512.D

Acq: 22 Feb 2024 12:46

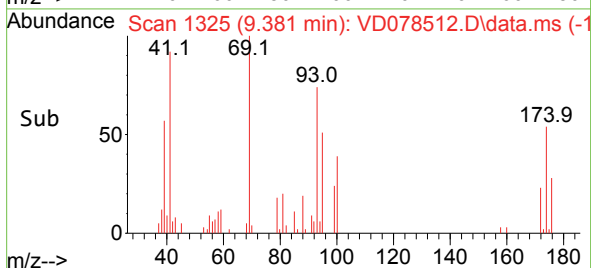
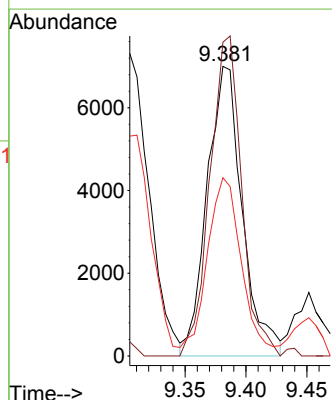
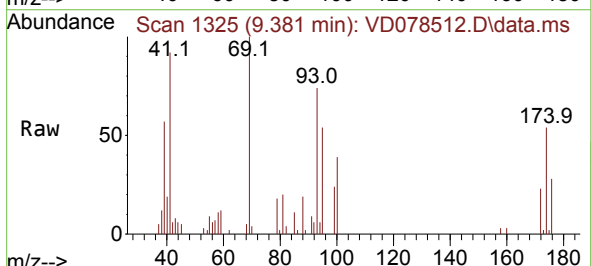
Tgt Ion: 41 Resp: 14060

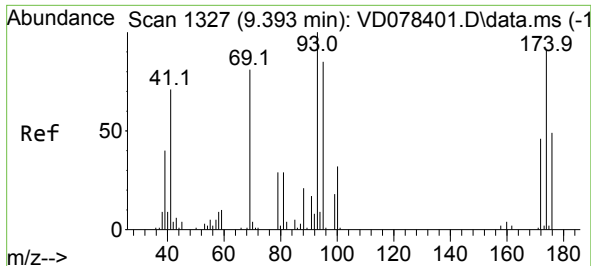
Ion Ratio Lower Upper

41 100

69 99.5 102.2 153.2#

39 59.8 41.4 62.2





#49

1,4-Dioxane

Concen: 437.824 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078512.D

Acq: 22 Feb 2024 12:46

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBS01

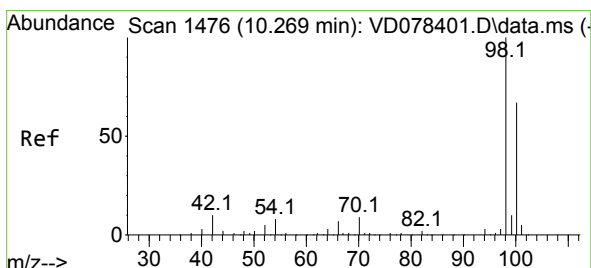
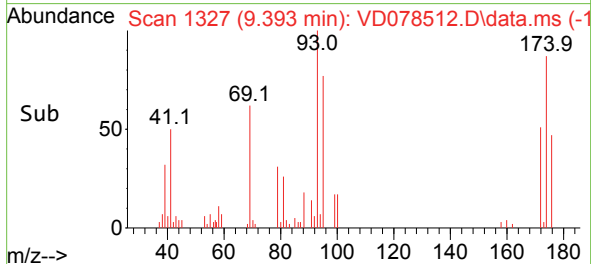
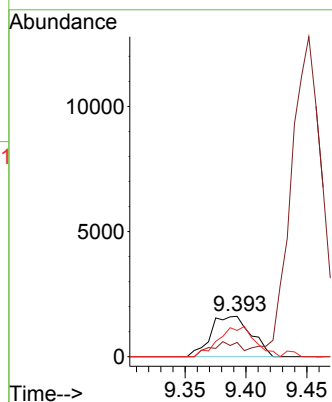
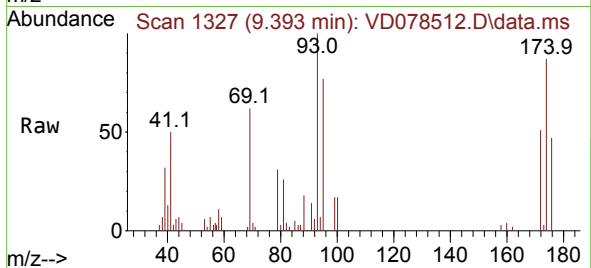
Tgt Ion: 88 Resp: 3714

Ion Ratio Lower Upper

88 100

43 26.7 19.0 28.6

58 66.7 43.5 65.3#



#50

Toluene-d8

Concen: 43.331 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078512.D

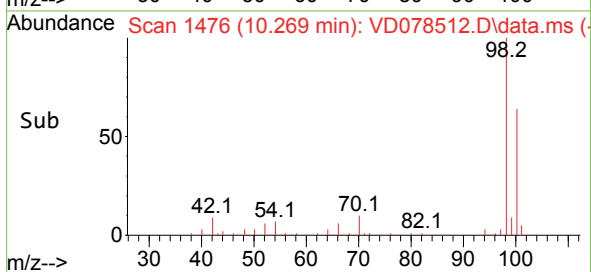
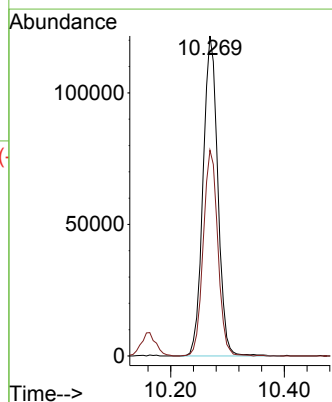
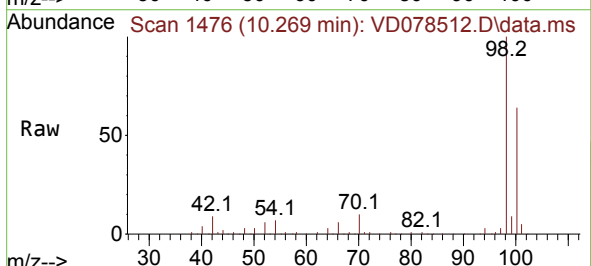
Acq: 22 Feb 2024 12:46

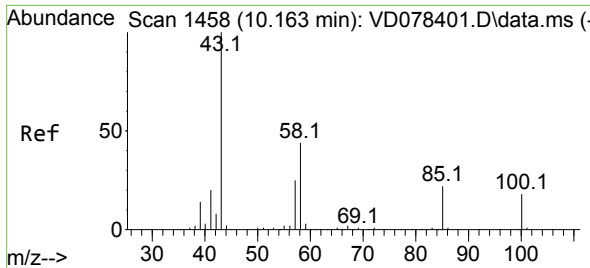
Tgt Ion: 98 Resp: 219106

Ion Ratio Lower Upper

98 100

100 63.5 50.3 75.5

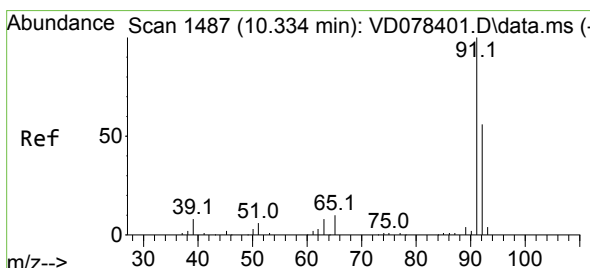
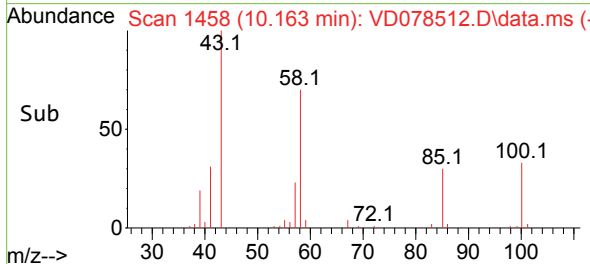
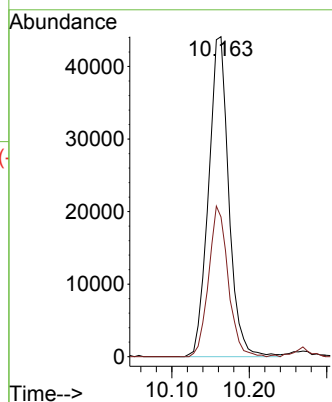
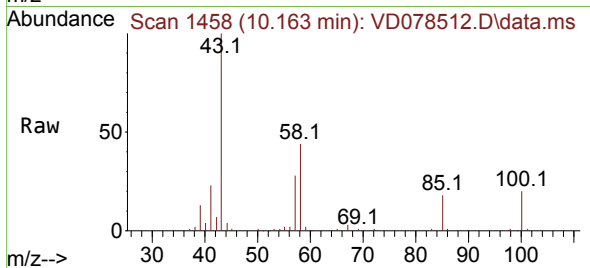




#51
4-Methyl-2-Pentanone
Concen: 118.407 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

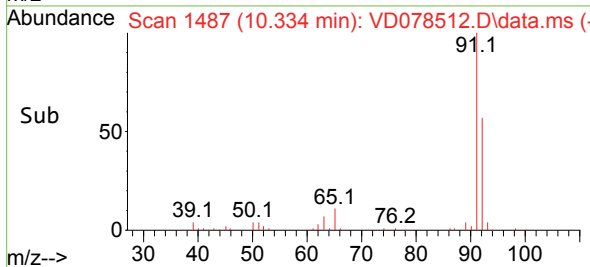
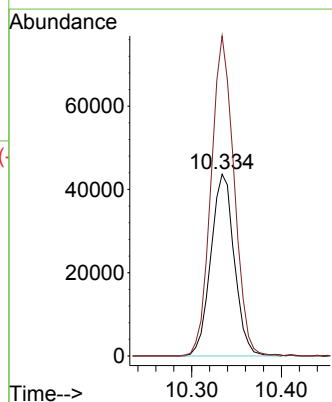
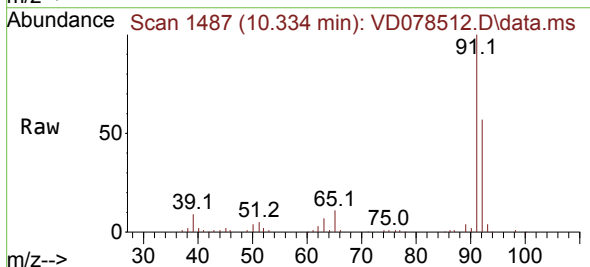
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

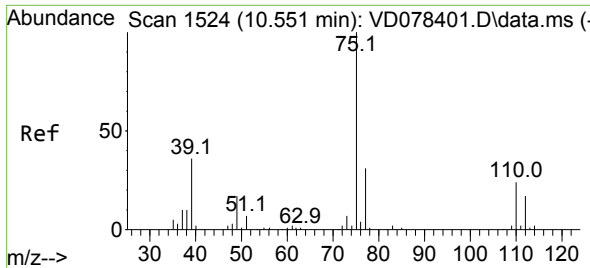
Tgt Ion: 43 Resp: 80106
Ion Ratio Lower Upper
43 100
58 45.3 38.9 58.3



#52
Toluene
Concen: 22.072 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion: 92 Resp: 79226
Ion Ratio Lower Upper
92 100
91 172.9 143.0 214.4

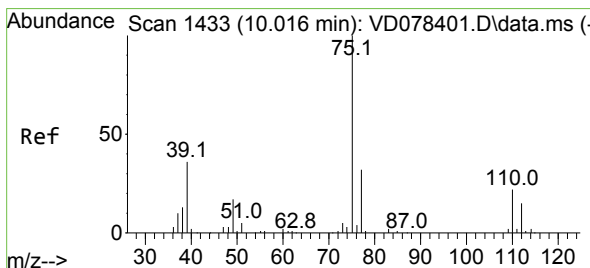
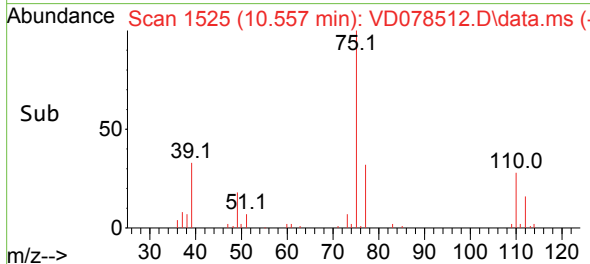
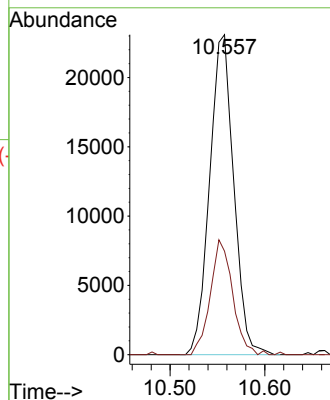
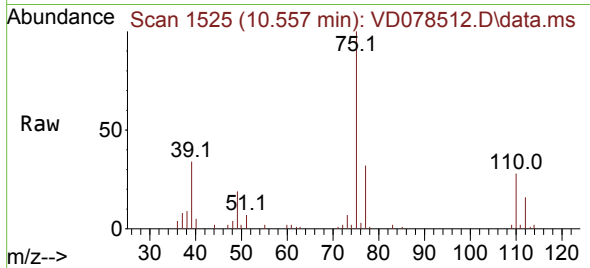




#53
 t-1,3-Dichloropropene
 Concen: 23.046 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD078512.D
 Acq: 22 Feb 2024 12:46

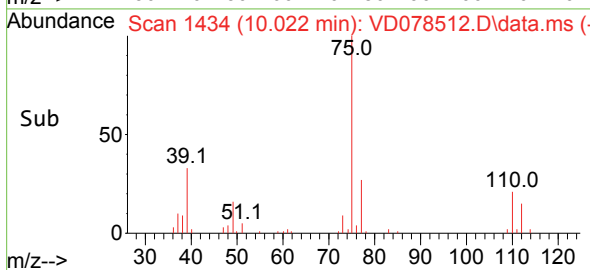
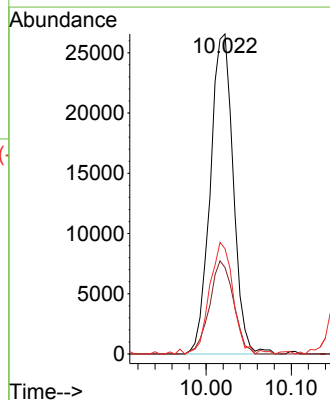
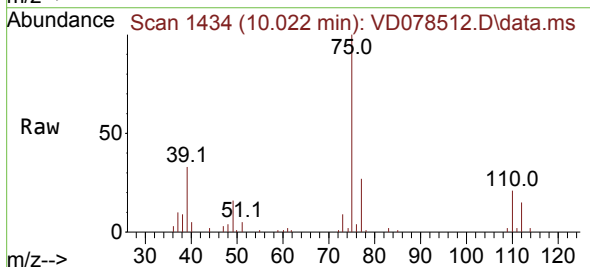
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0222SBS01

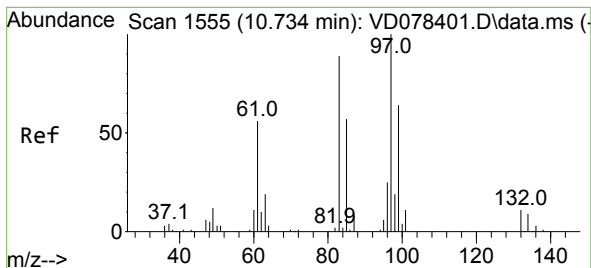
Tgt Ion: 75 Resp: 40798
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 23.131 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD078512.D
 Acq: 22 Feb 2024 12:46

Tgt Ion: 75 Resp: 49653
 Ion Ratio Lower Upper
 75 100
 77 27.0 25.5 38.3
 39 32.3 22.1 33.1





#55

1,1,2-Trichloroethane

Concen: 24.445 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078512.D

Acq: 22 Feb 2024 12:46

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBS01

Tgt Ion: 97 Resp: 25786

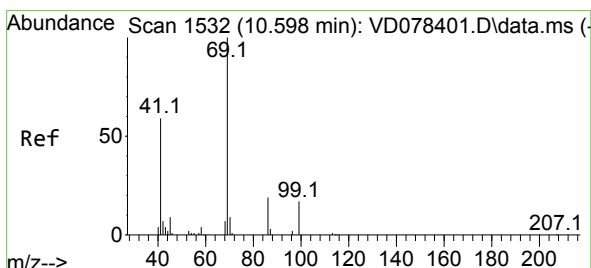
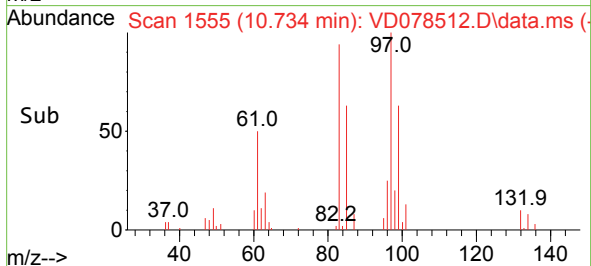
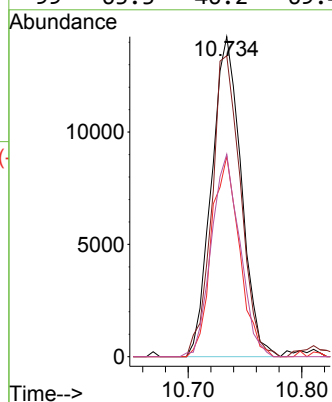
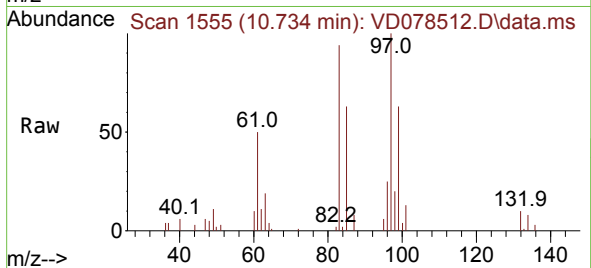
Ion Ratio Lower Upper

97 100

83 94.1 65.8 98.6

85 62.6 45.7 68.5

99 63.3 46.2 69.4



#56

Ethyl methacrylate

Concen: 26.451 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078512.D

Acq: 22 Feb 2024 12:46

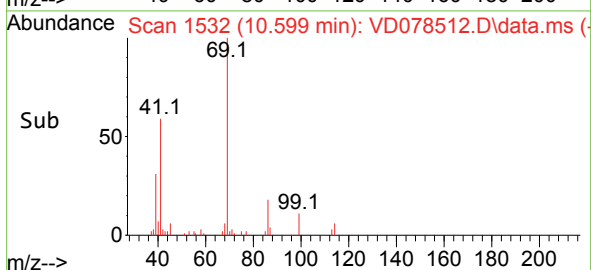
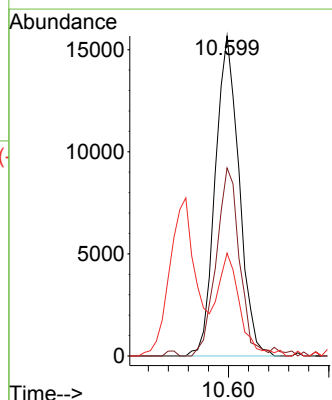
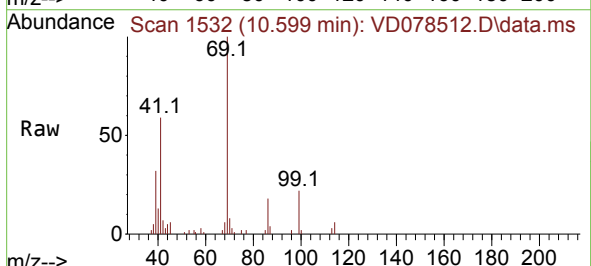
Tgt Ion: 69 Resp: 25806

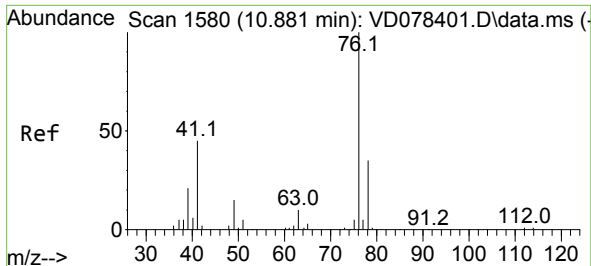
Ion Ratio Lower Upper

69 100

41 57.5 39.1 58.7

39 30.0 20.0 30.0





#57

1,3-Dichloropropane

Concen: 24.198 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078512.D

Acq: 22 Feb 2024 12:46

Instrument :

MSVOA_D

ClientSampleId :

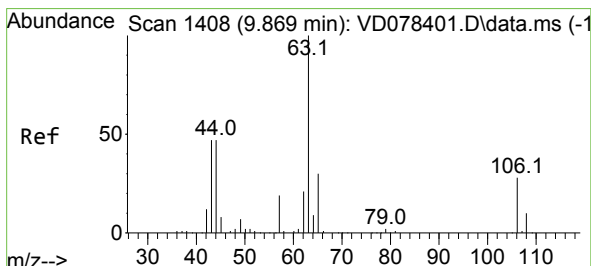
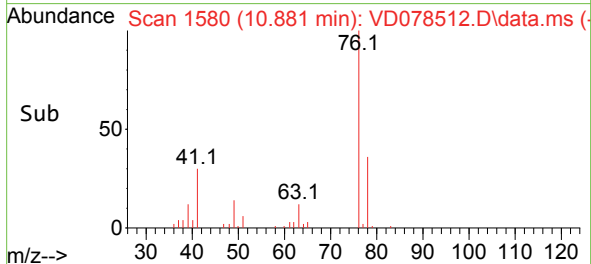
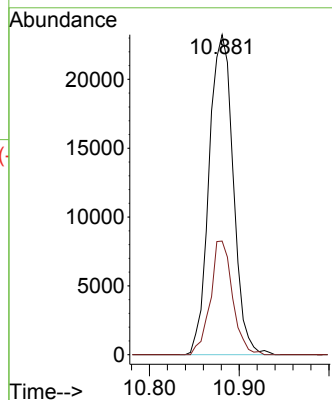
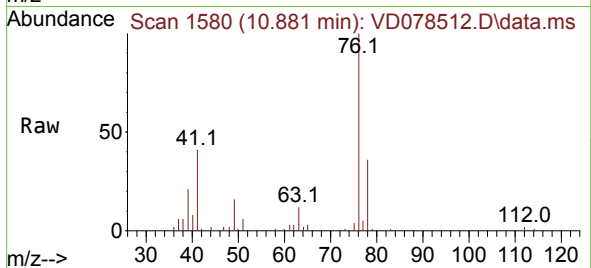
VD0222SBS01

Tgt Ion: 76 Resp: 43421

Ion Ratio Lower Upper

76 100

78 32.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 121.760 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD078512.D

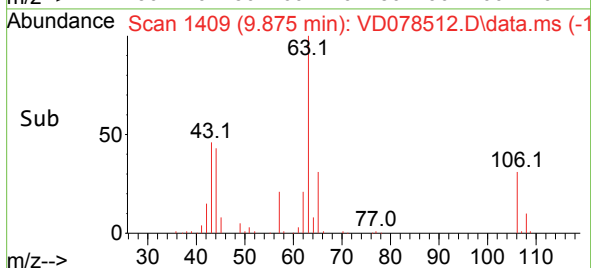
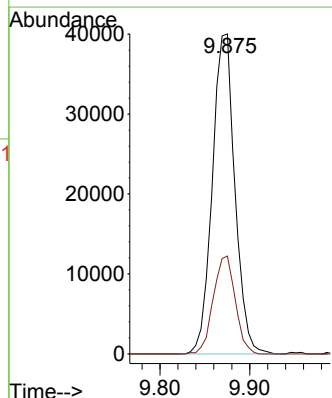
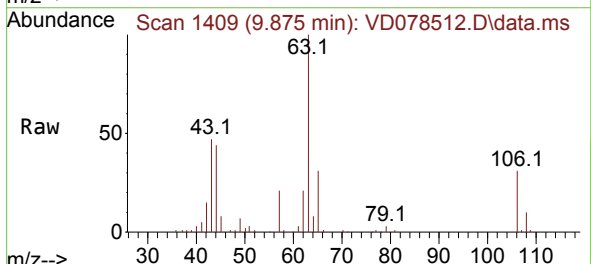
Acq: 22 Feb 2024 12:46

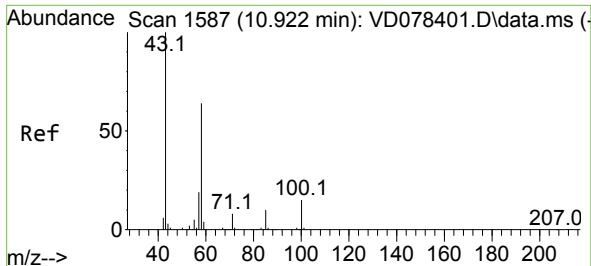
Tgt Ion: 63 Resp: 69972

Ion Ratio Lower Upper

63 100

106 29.7 25.3 37.9

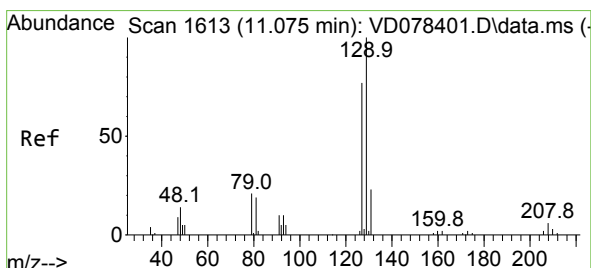
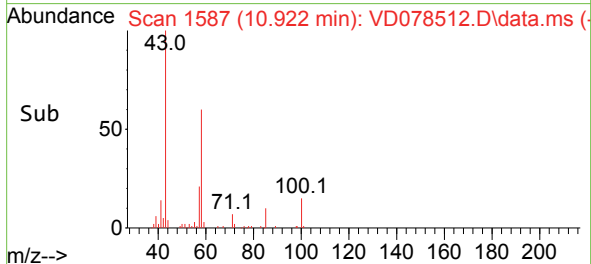
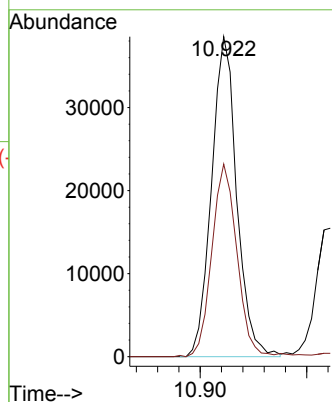
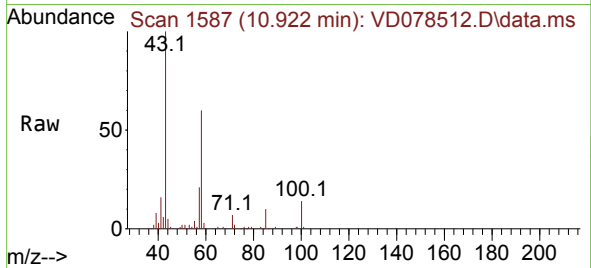




#59
2-Hexanone
Concen: 124.375 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

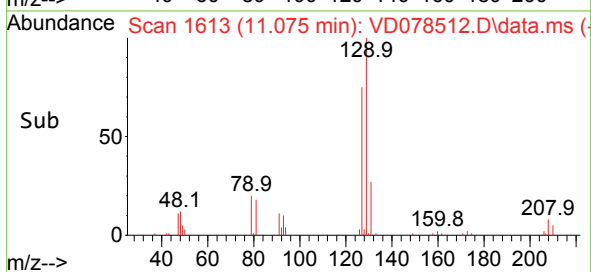
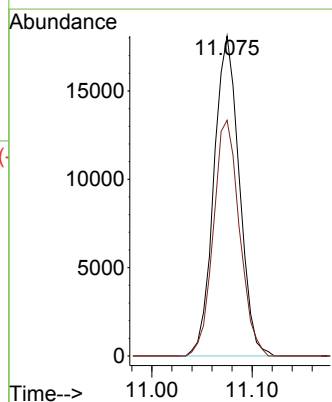
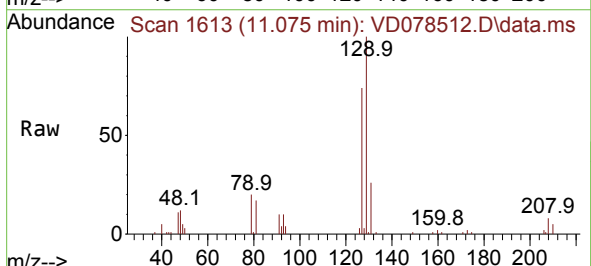
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

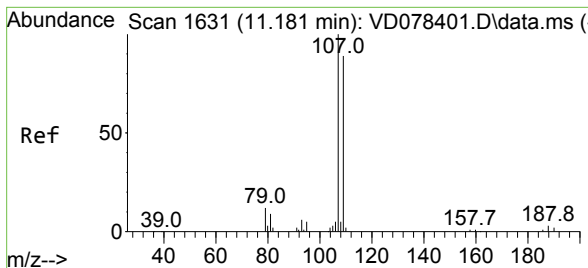
Tgt Ion: 43 Resp: 63235
Ion Ratio Lower Upper
43 100
58 59.5 34.1 102.2



#60
Dibromochloromethane
Concen: 25.118 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion: 129 Resp: 31879
Ion Ratio Lower Upper
129 100
127 75.7 37.1 111.5

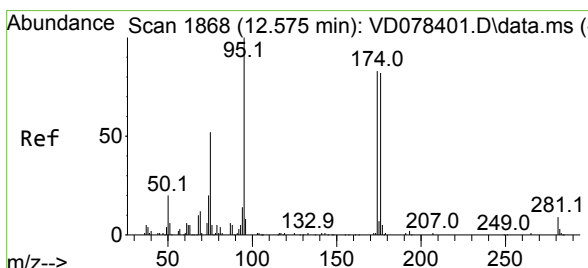
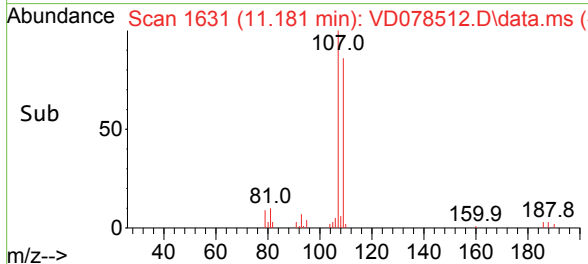
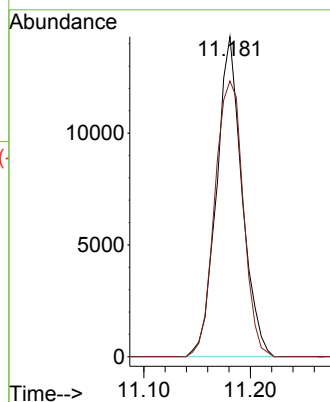
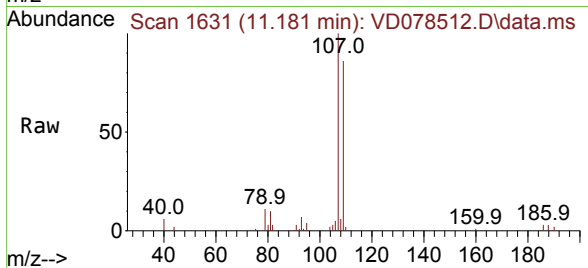




#61
1,2-Dibromoethane
Concen: 23.989 ug/l
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

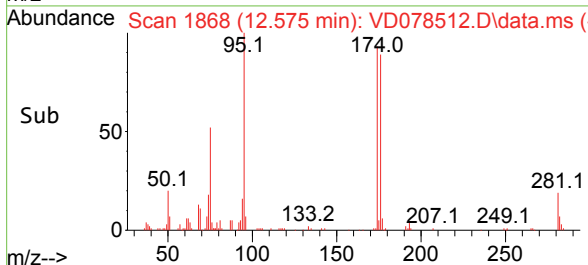
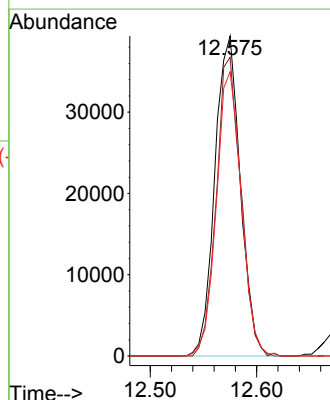
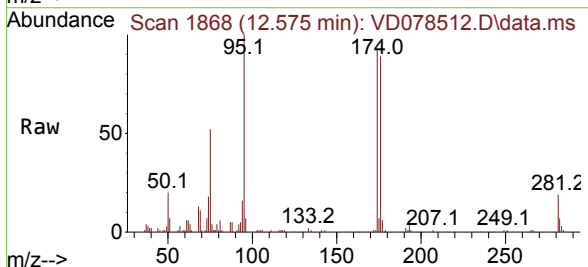
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

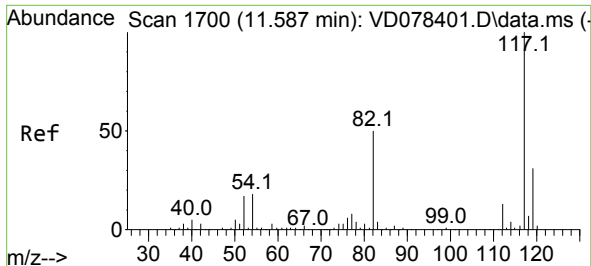
Tgt Ion:107 Resp: 23757
Ion Ratio Lower Upper
107 100
109 96.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 44.301 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion: 95 Resp: 65188
Ion Ratio Lower Upper
95 100
174 90.3 0.0 201.8
176 87.3 0.0 191.8

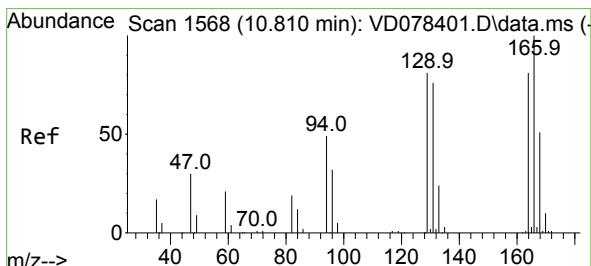
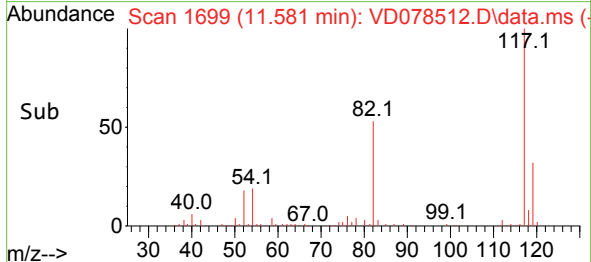
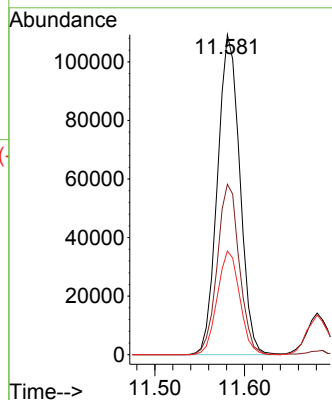
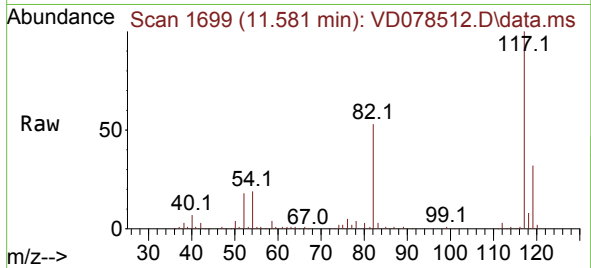




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

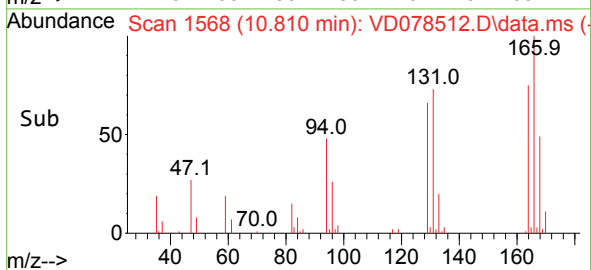
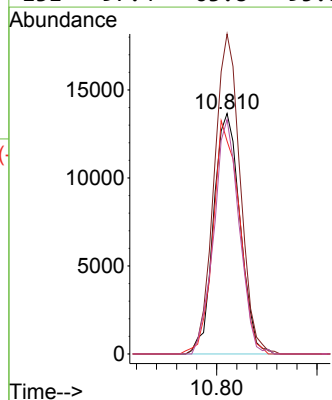
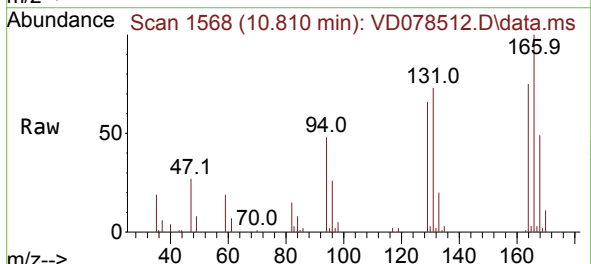
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

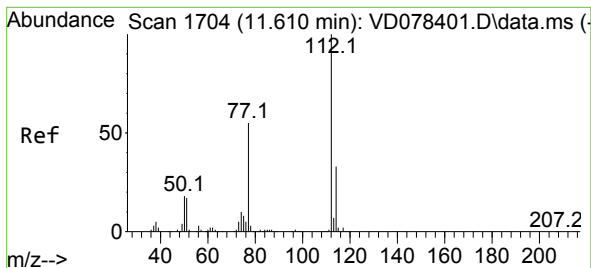
Tgt Ion:117 Resp: 188799
Ion Ratio Lower Upper
117 100
82 53.2 38.3 57.5
119 32.4 25.0 37.4



#64
Tetrachloroethene
Concen: 20.998 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion:164 Resp: 25040
Ion Ratio Lower Upper
164 100
166 133.1 99.2 148.8
129 88.5 68.4 102.6
131 97.4 63.8 95.8#

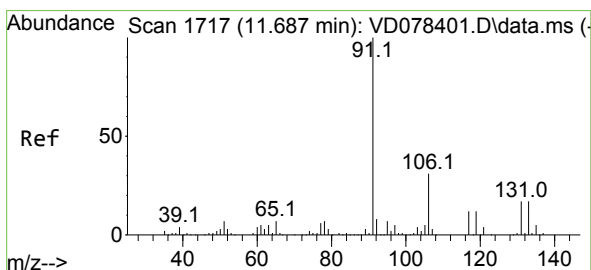
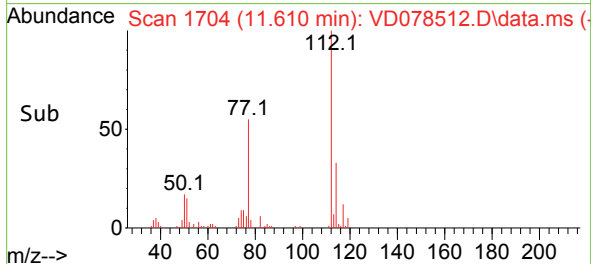
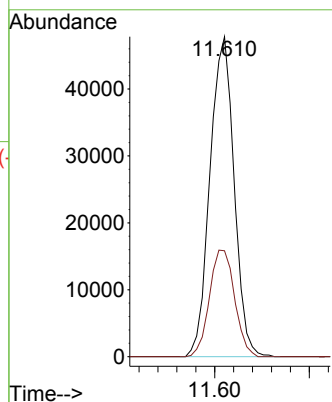
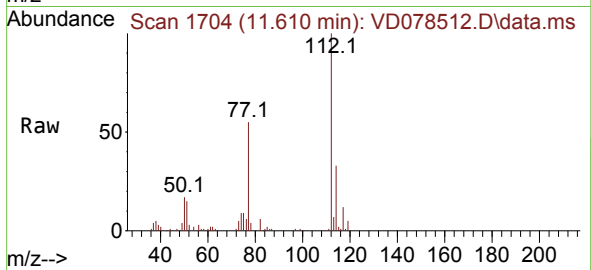




#65
Chlorobenzene
Concen: 22.258 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

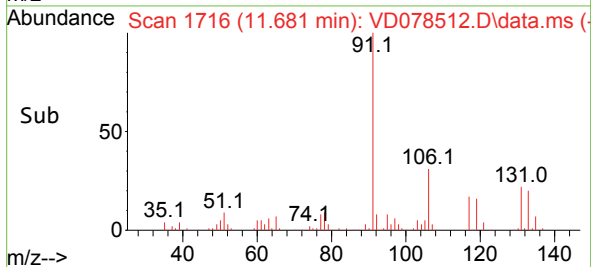
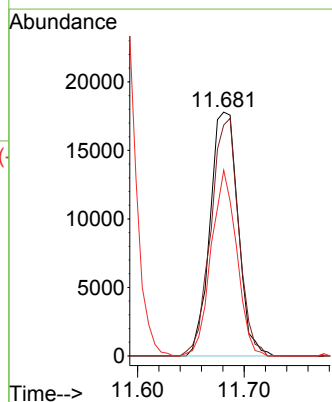
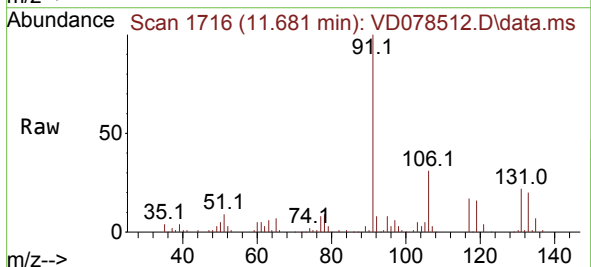
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

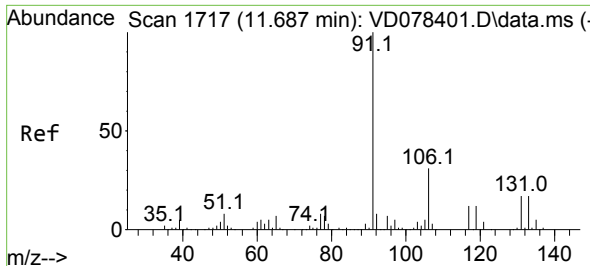
Tgt Ion:112 Resp: 84483
Ion Ratio Lower Upper
112 100
114 33.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 23.324 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion:131 Resp: 32534
Ion Ratio Lower Upper
131 100
133 96.3 48.5 145.5
119 69.1 35.6 106.9

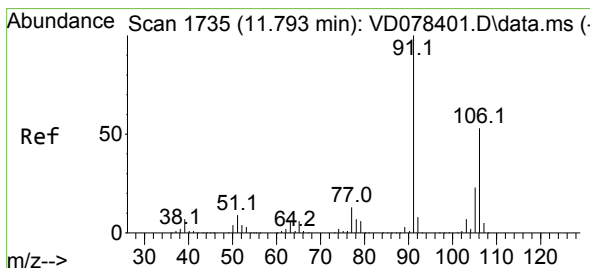
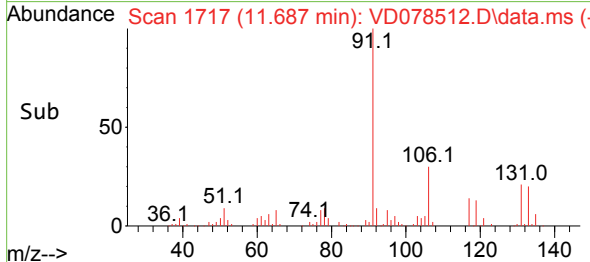
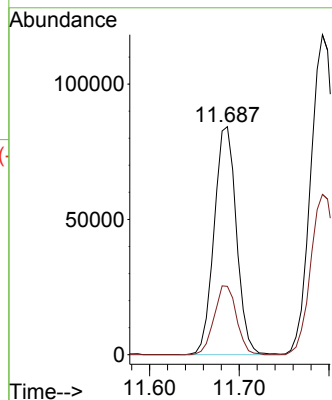
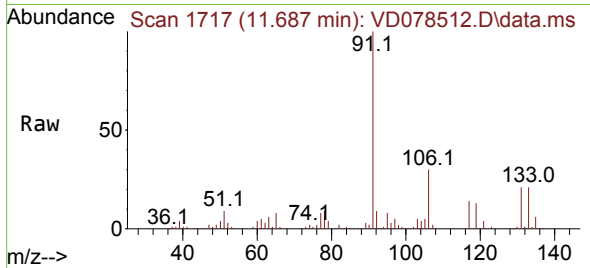




#67
Ethyl Benzene
Concen: 21.392 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

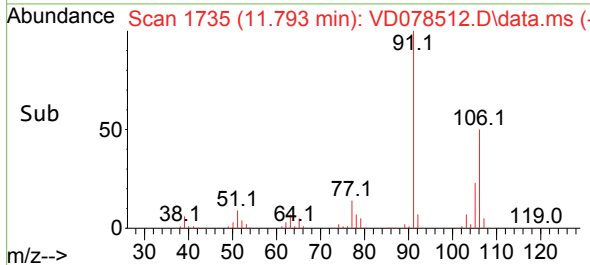
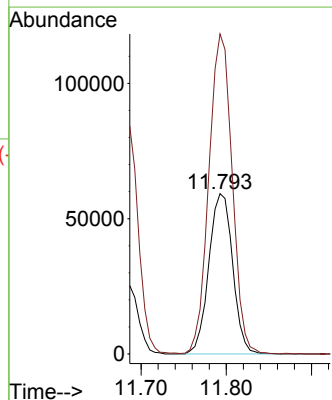
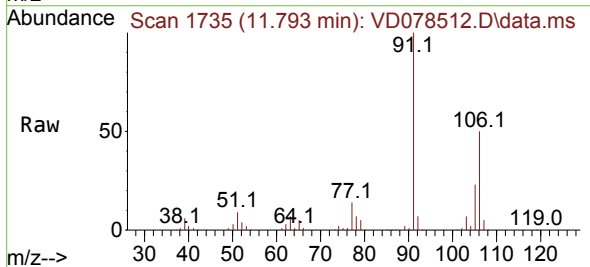
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

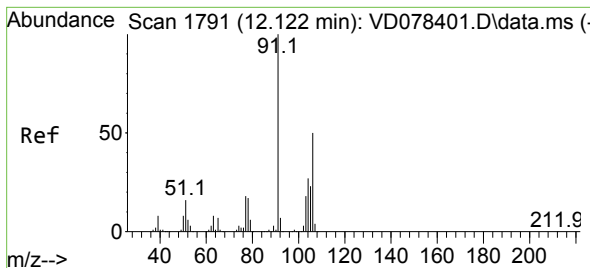
Tgt Ion: 91 Resp: 145481
Ion Ratio Lower Upper
91 100
106 30.0 26.5 39.7



#68
m/p-Xylenes
Concen: 43.307 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion:106 Resp: 114883
Ion Ratio Lower Upper
106 100
91 195.9 147.0 220.6





#69

o-Xylene

Concen: 22.036 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD078512.D

Acq: 22 Feb 2024 12:46

Instrument :

MSVOA_D

ClientSampleId :

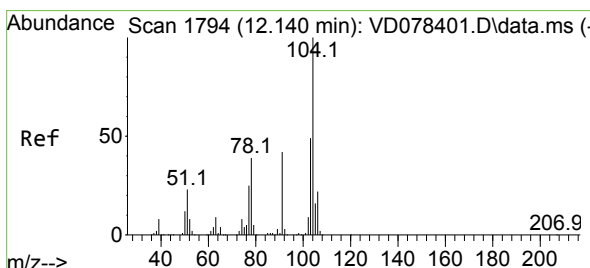
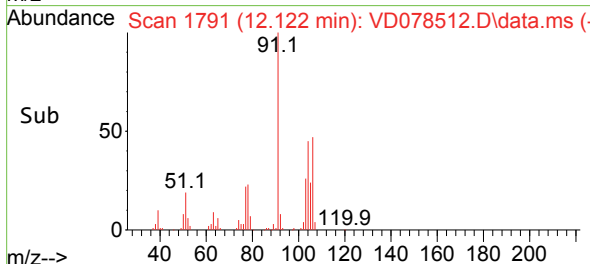
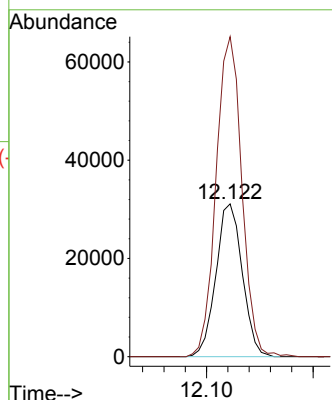
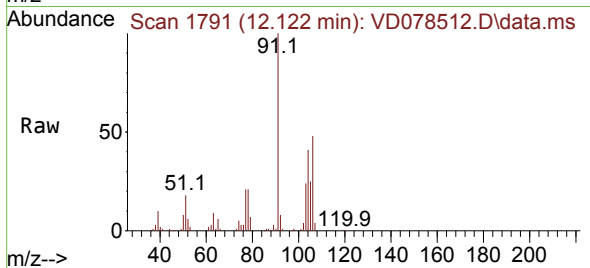
VD0222SBS01

Tgt Ion:106 Resp: 53345

Ion Ratio Lower Upper

106 100

91 204.7 97.9 293.6



#70

Styrene

Concen: 24.039 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VD078512.D

Acq: 22 Feb 2024 12:46

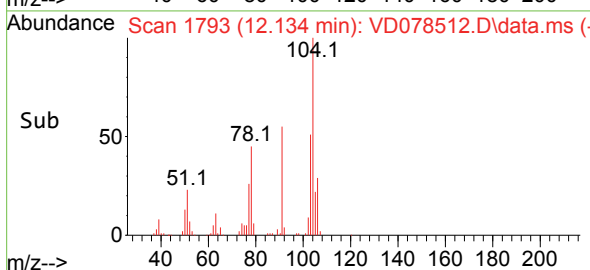
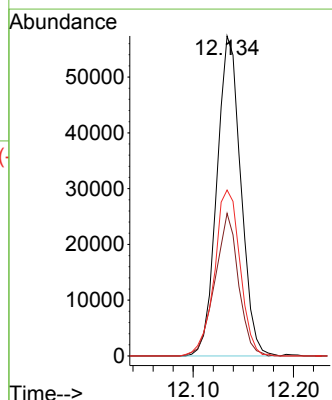
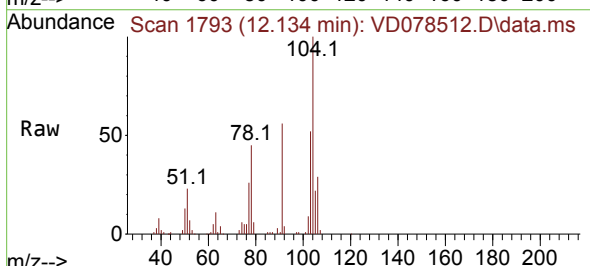
Tgt Ion:104 Resp: 94974

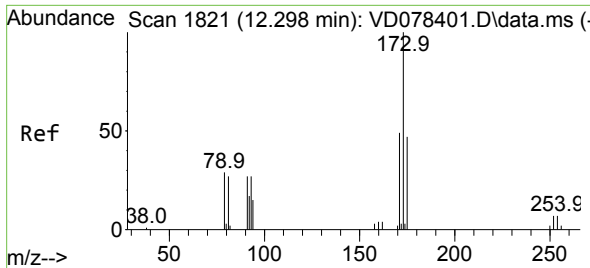
Ion Ratio Lower Upper

104 100

78 44.0 33.2 49.8

103 55.4 43.6 65.4

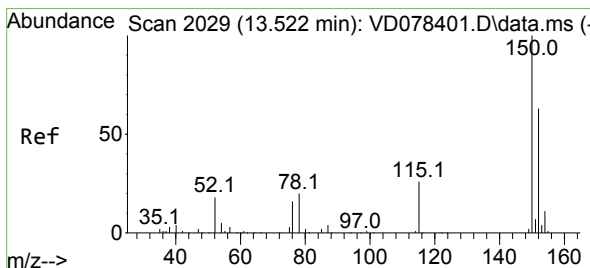
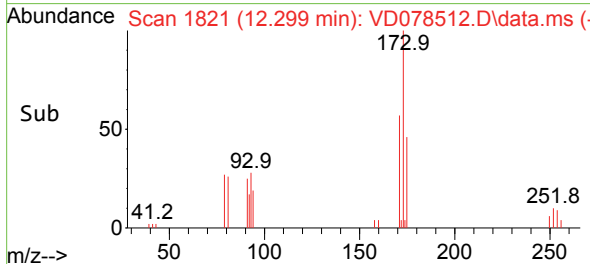
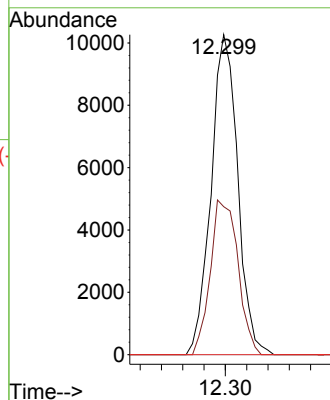
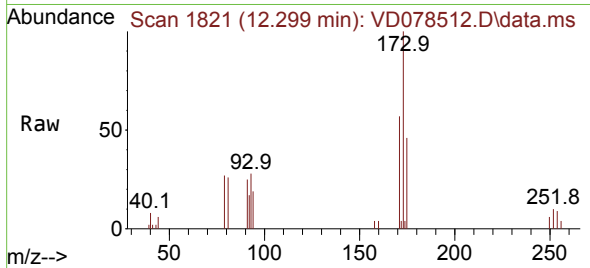




#71
Bromoform
Concen: 24.267 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

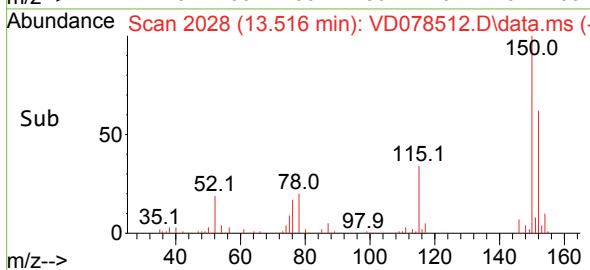
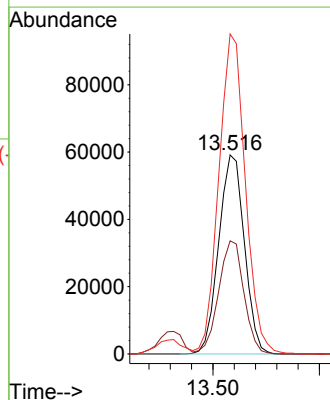
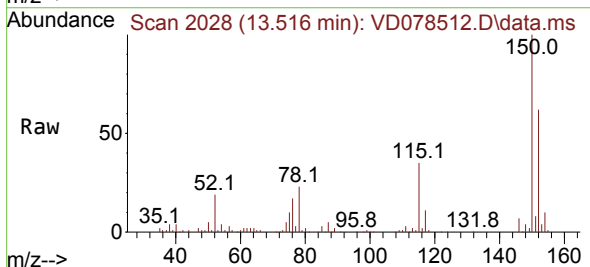
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

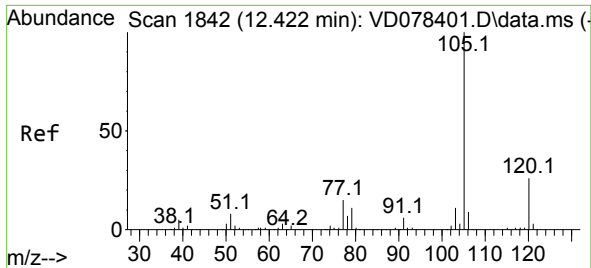
Tgt Ion:173 Resp: 17816
Ion Ratio Lower Upper
173 100
175 50.1 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion:152 Resp: 98805
Ion Ratio Lower Upper
152 100
115 56.1 27.1 81.3
150 166.2 0.0 353.6

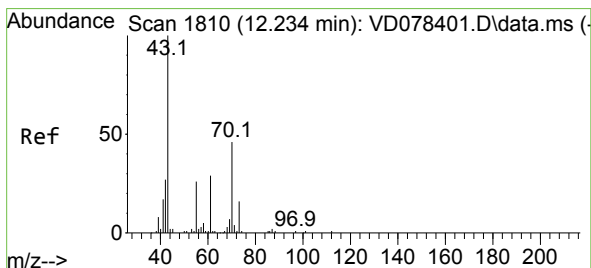
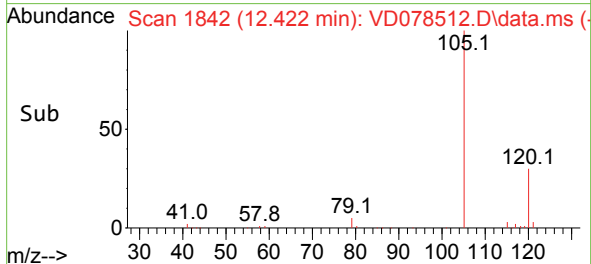
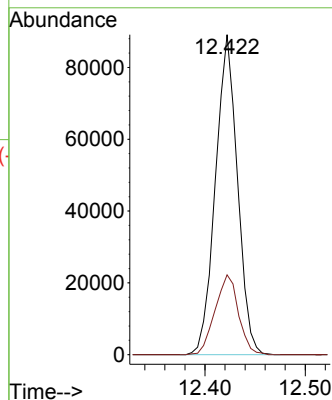
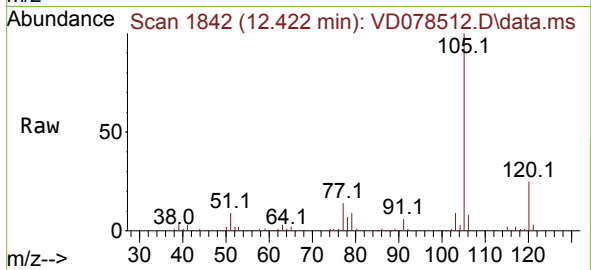




#73
Isopropylbenzene
Concen: 20.417 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

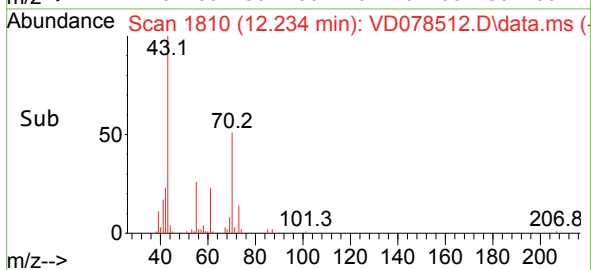
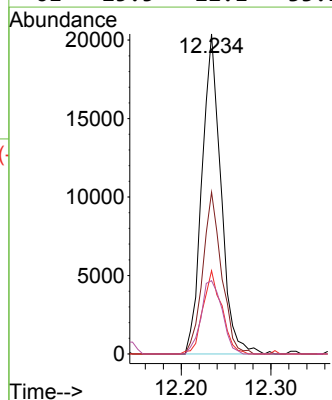
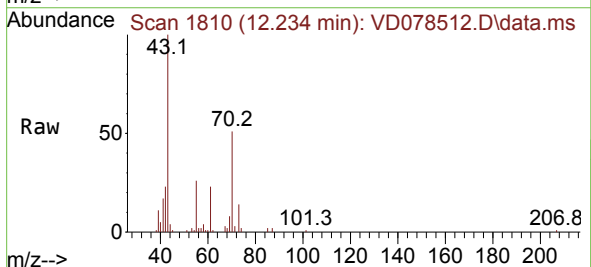
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

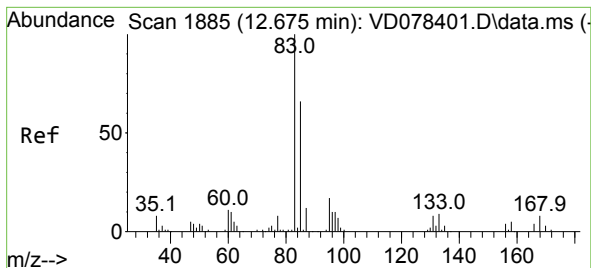
Tgt Ion:105 Resp: 135462
Ion Ratio Lower Upper
105 100
120 26.5 14.3 42.9



#74
N-ethyl acetate
Concen: 23.869 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion: 43 Resp: 29960
Ion Ratio Lower Upper
43 100
70 50.0 45.0 67.4
55 25.8 23.8 35.6
61 25.5 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 23.078 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078512.D

Acq: 22 Feb 2024 12:46

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBS01

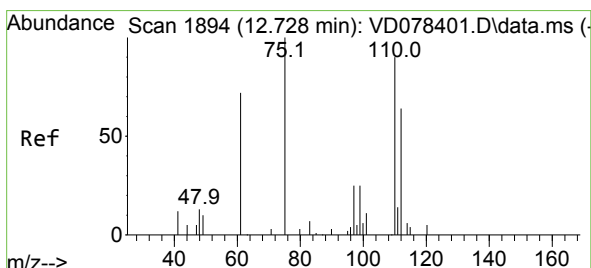
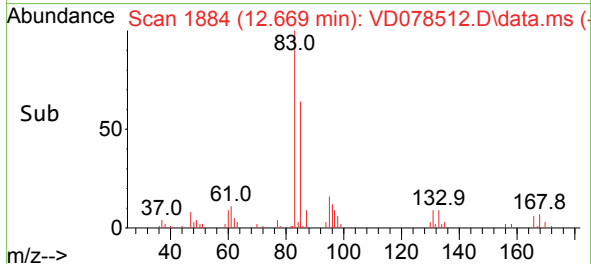
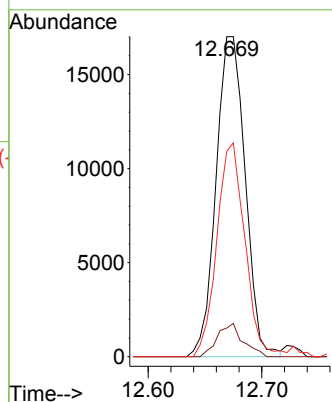
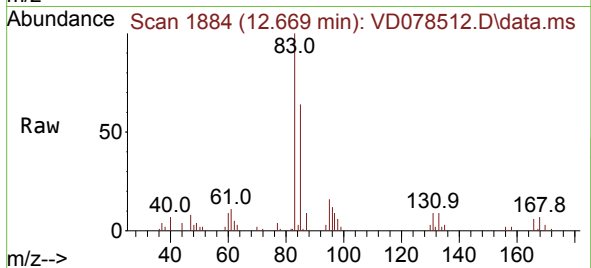
Tgt Ion: 83 Resp: 30373

Ion Ratio Lower Upper

83 100

131 9.1 5.1 15.3

85 64.3 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 40.778 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD078512.D

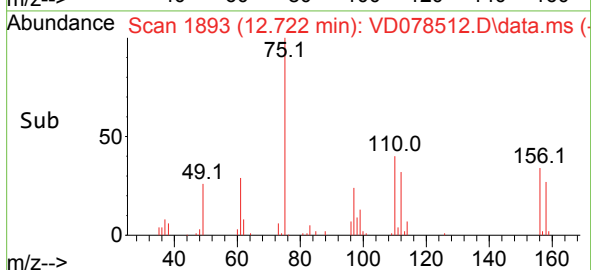
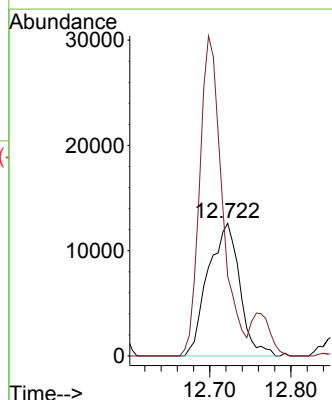
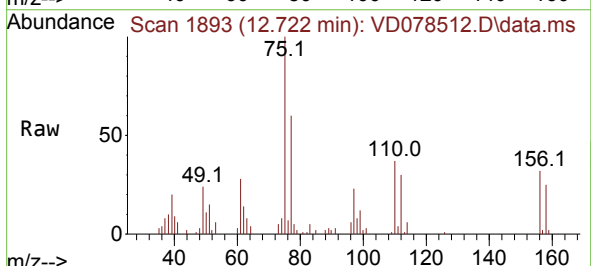
Acq: 22 Feb 2024 12:46

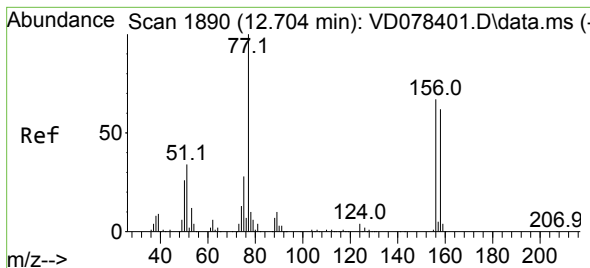
Tgt Ion: 75 Resp: 34206

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.598 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078512.D

Acq: 22 Feb 2024 12:46

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBS01

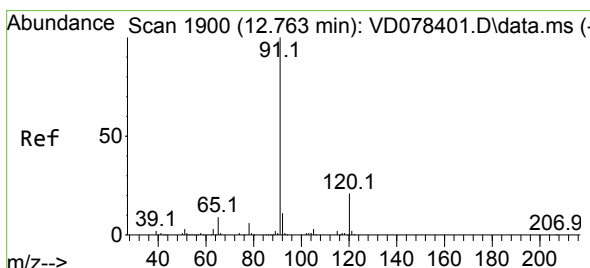
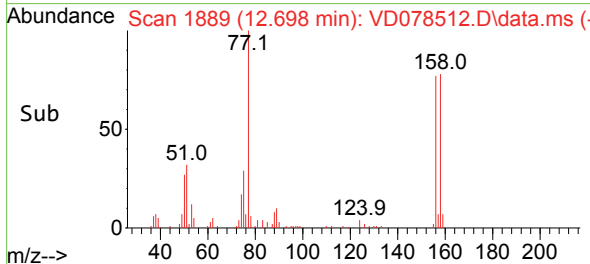
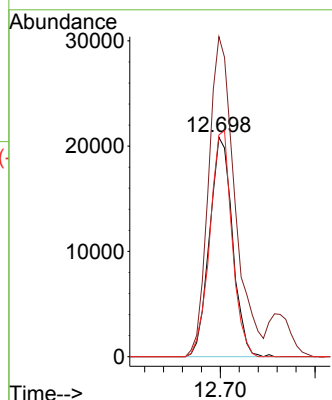
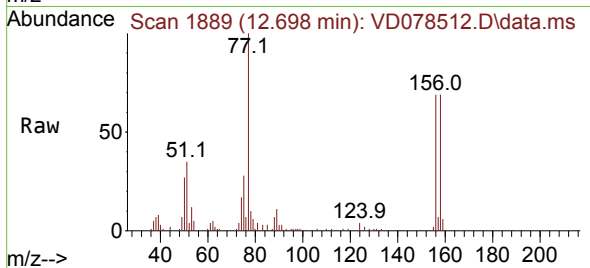
Tgt Ion:156 Resp: 35235

Ion Ratio Lower Upper

156 100

77 166.5 76.8 230.4

158 99.2 48.6 145.9



#78

n-propylbenzene

Concen: 20.936 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078512.D

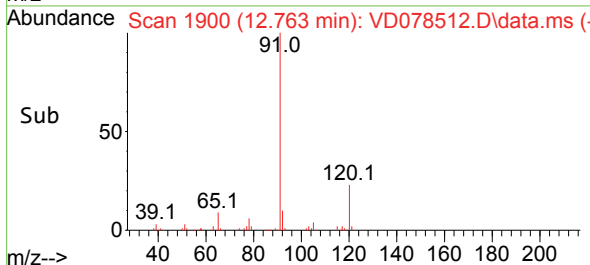
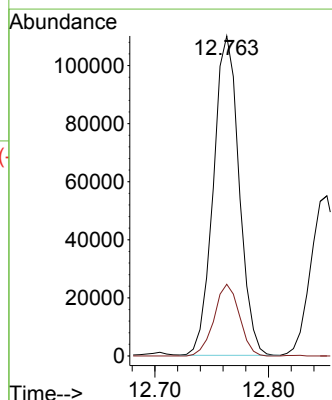
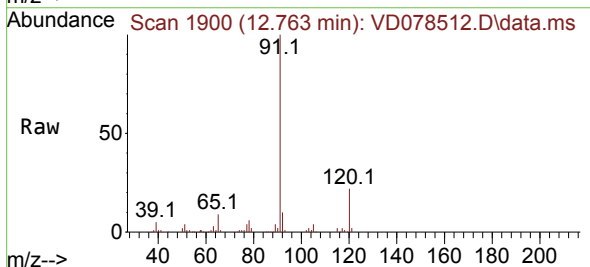
Acq: 22 Feb 2024 12:46

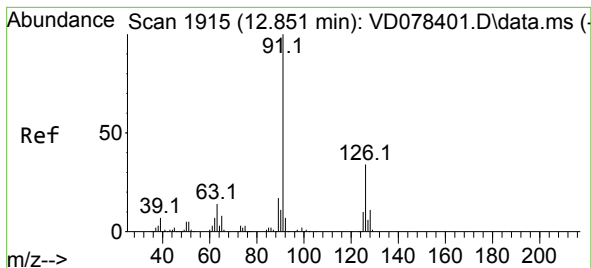
Tgt Ion: 91 Resp: 173102

Ion Ratio Lower Upper

91 100

120 22.0 12.4 37.2





#79

2-Chlorotoluene

Concen: 21.033 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078512.D

Acq: 22 Feb 2024 12:46

Instrument :

MSVOA_D

ClientSampleId :

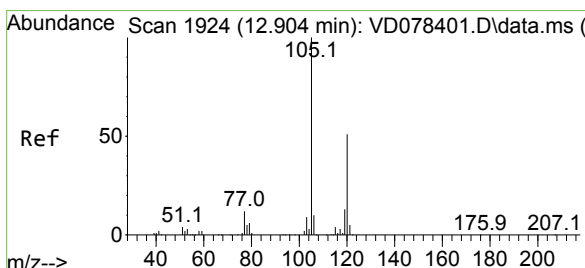
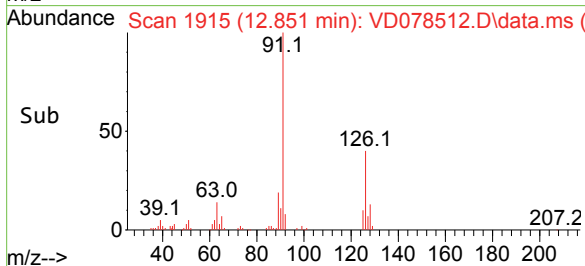
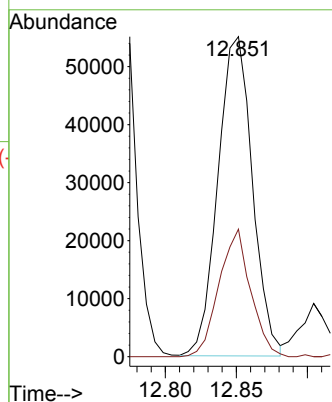
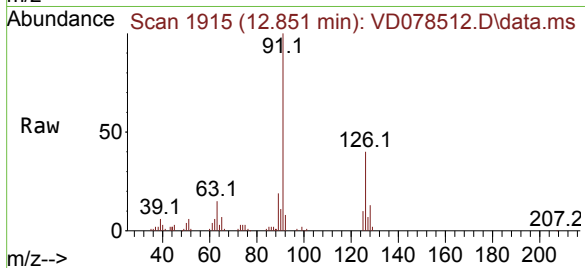
VD0222SBS01

Tgt Ion: 91 Resp: 93142

Ion Ratio Lower Upper

91 100

126 36.5 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 20.859 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078512.D

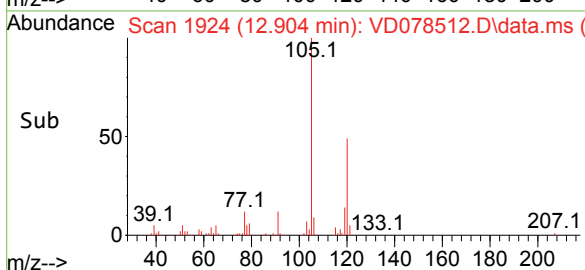
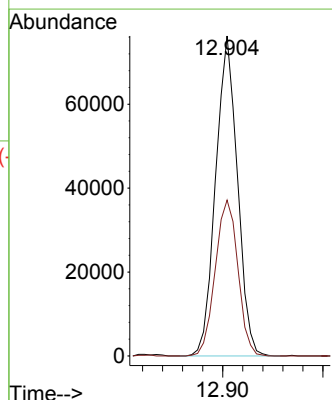
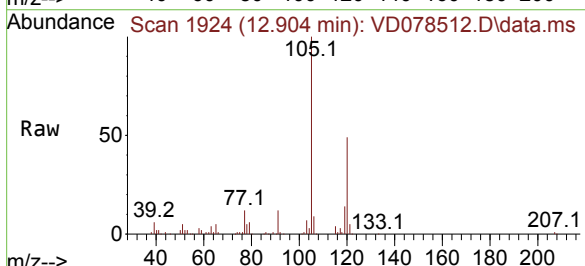
Acq: 22 Feb 2024 12:46

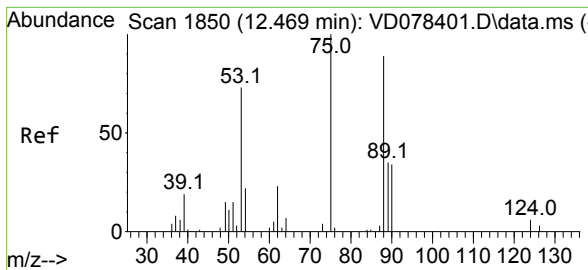
Tgt Ion: 105 Resp: 114913

Ion Ratio Lower Upper

105 100

120 50.6 26.4 79.2

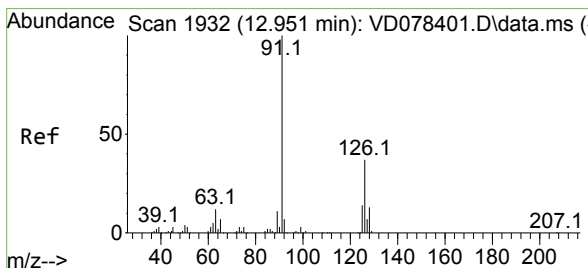
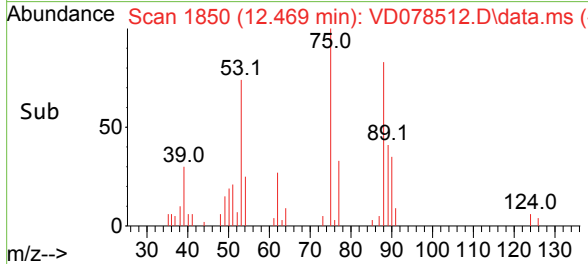
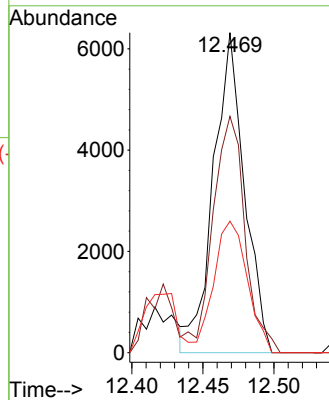
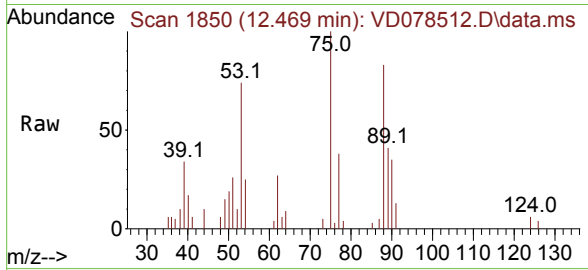




#81
trans-1,4-Dichloro-2-butene
Concen: 23.697 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

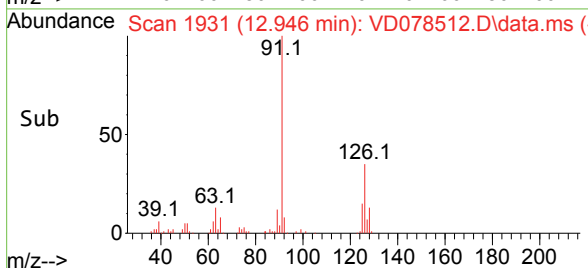
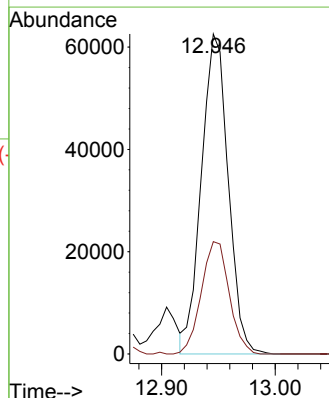
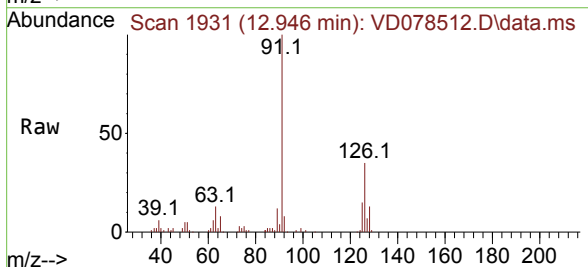
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

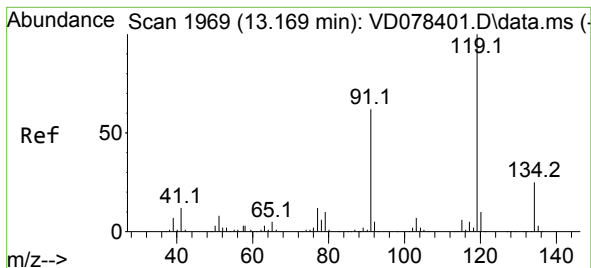
Tgt Ion:	75	Resp:	9575
Ion Ratio	Lower	Upper	
75	100		
53	74.2	63.0	94.4
89	44.8	37.9	56.9



#82
4-Chlorotoluene
Concen: 21.580 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion:	91	Resp:	102636
Ion Ratio	Lower	Upper	
91	100		
126	36.5	19.4	58.4

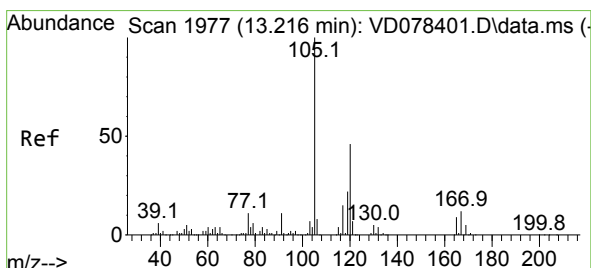
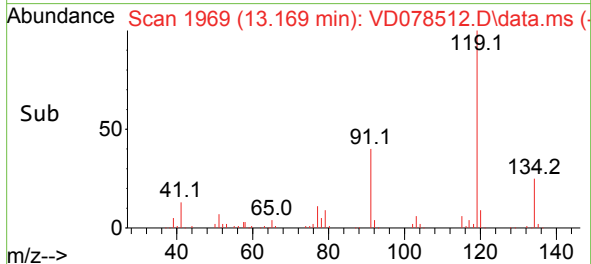
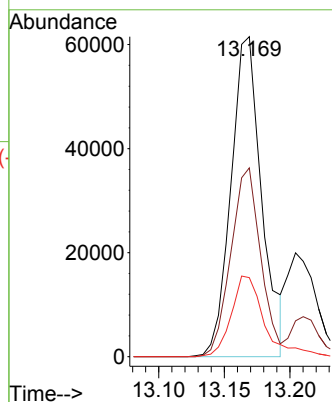
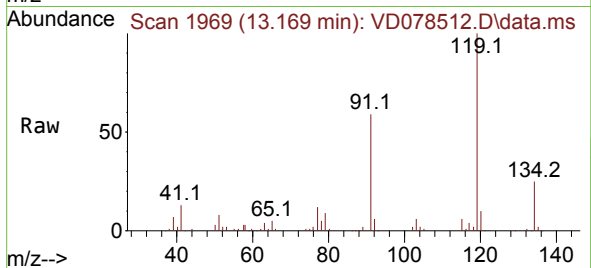




#83
tert-Butylbenzene
Concen: 21.581 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

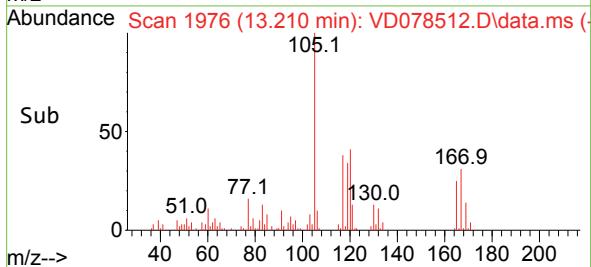
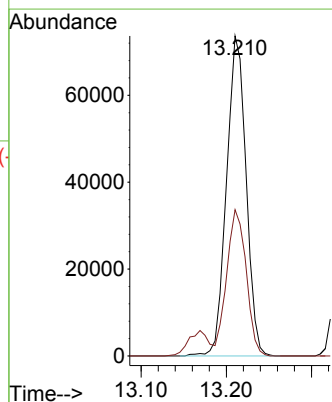
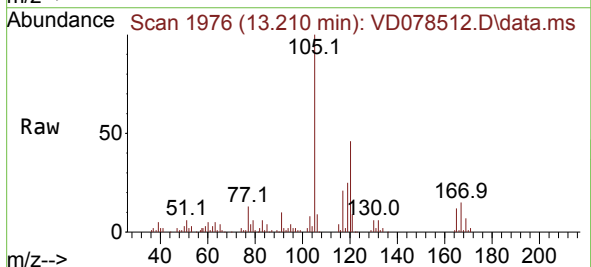
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

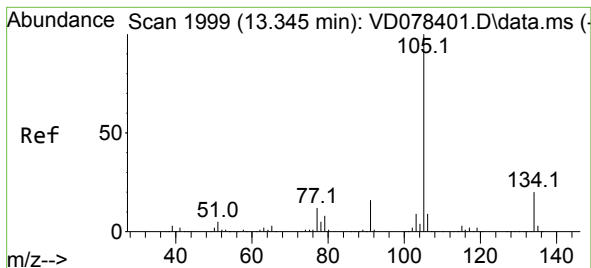
Tgt Ion:119 Resp: 100270
Ion Ratio Lower Upper
119 100
91 57.4 29.3 87.8
134 27.2 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 21.034 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion:105 Resp: 117605
Ion Ratio Lower Upper
105 100
120 45.5 24.3 72.9

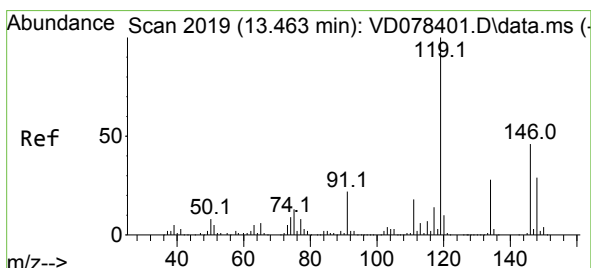
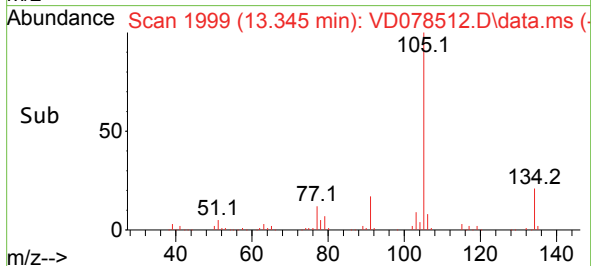
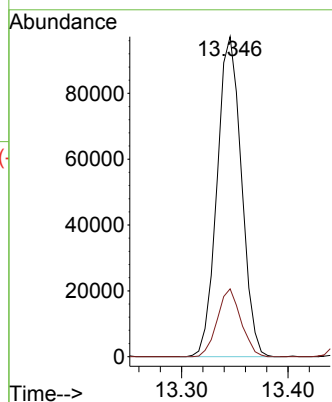
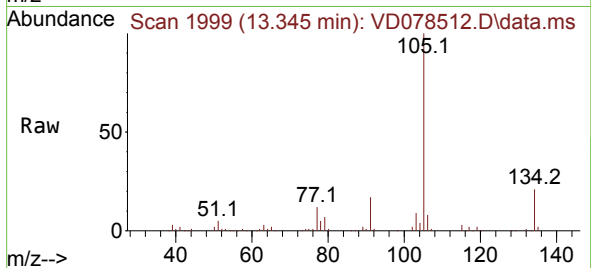




#85
 sec-Butylbenzene
 Concen: 21.406 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078512.D
 Acq: 22 Feb 2024 12:46

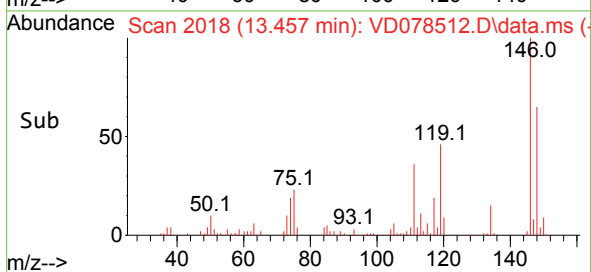
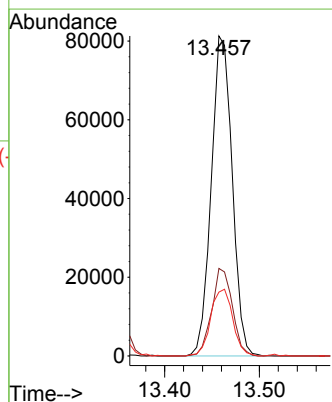
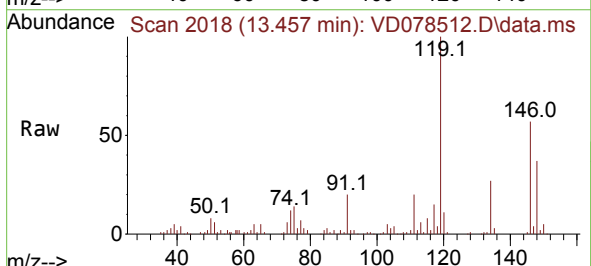
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0222SBS01

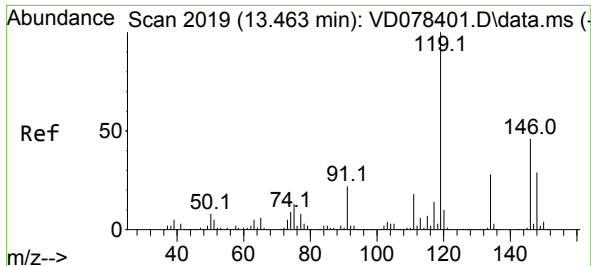
Tgt Ion:105 Resp: 154239
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.341 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078512.D
 Acq: 22 Feb 2024 12:46

Tgt Ion:119 Resp: 124837
 Ion Ratio Lower Upper
 119 100
 134 26.9 14.2 42.6
 91 22.0 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 21.990 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD078512.D

Acq: 22 Feb 2024 12:46

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBS01

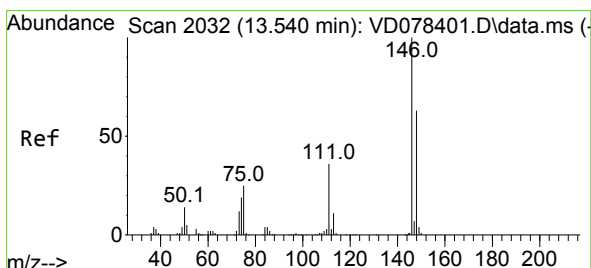
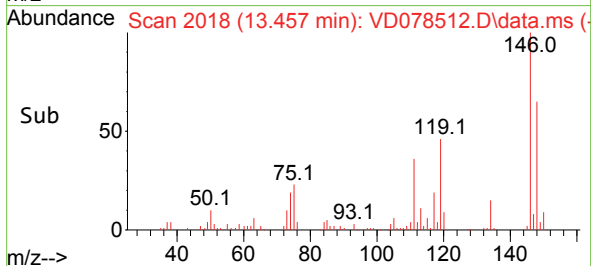
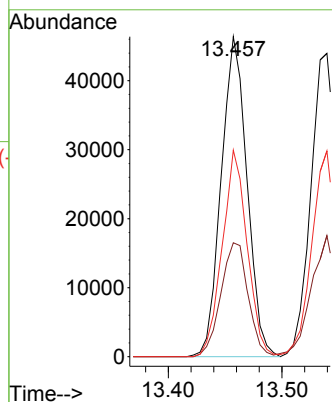
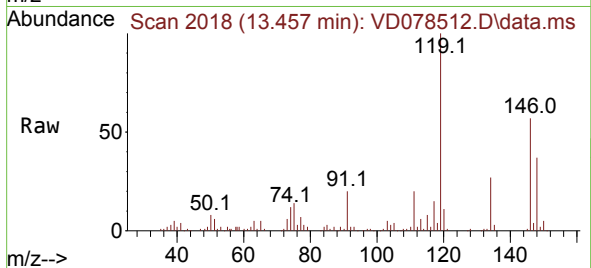
Tgt Ion:146 Resp: 73180

Ion Ratio Lower Upper

146 100

111 37.6 17.9 53.8

148 62.5 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 22.200 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD078512.D

Acq: 22 Feb 2024 12:46

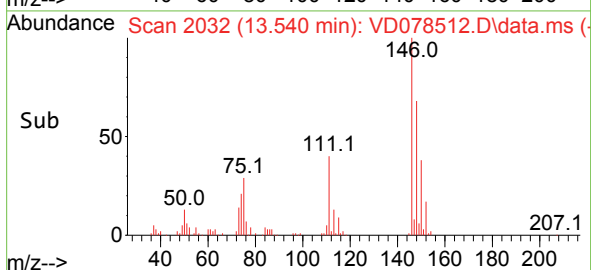
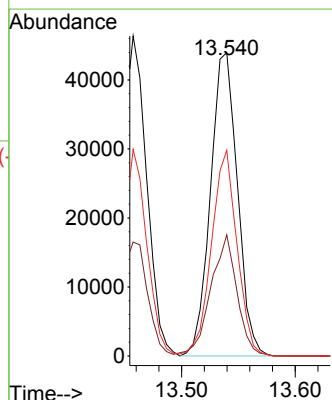
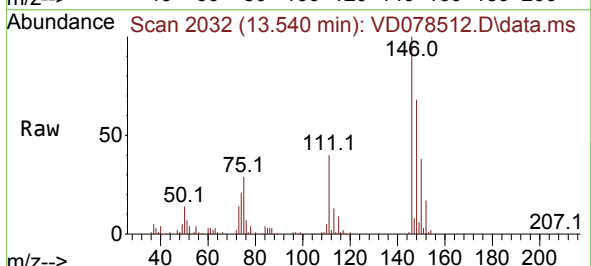
Tgt Ion:146 Resp: 72591

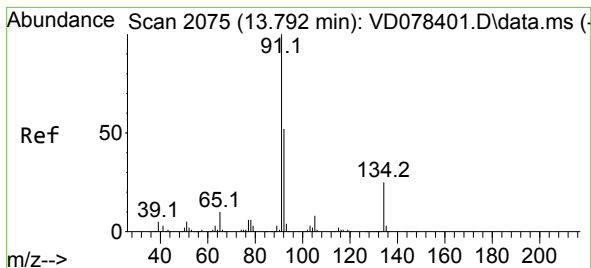
Ion Ratio Lower Upper

146 100

111 38.9 17.4 52.3

148 64.4 31.7 95.1





#89

n-Butylbenzene

Concen: 19.887 ug/l

RT: 13.787 min Scan# 2075

Delta R.T. -0.006 min

Lab File: VD078512.D

Acq: 22 Feb 2024 12:46

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBS01

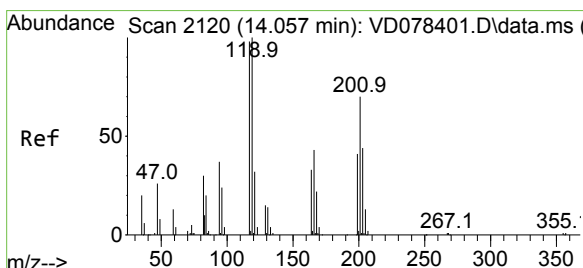
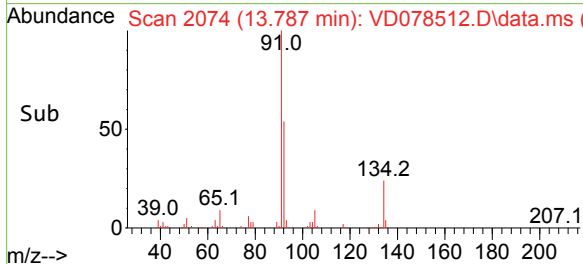
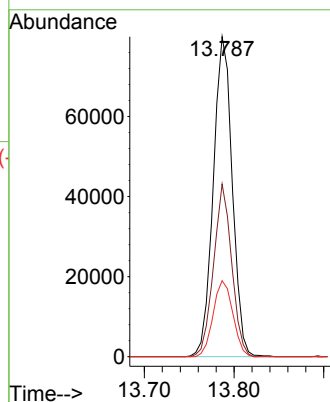
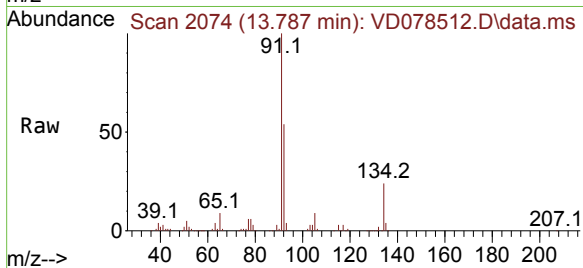
Tgt Ion: 91 Resp: 117644

Ion Ratio Lower Upper

91 100

92 51.4 26.5 79.5

134 24.6 13.8 41.3



#90

Hexachloroethane

Concen: 21.143 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.000 min

Lab File: VD078512.D

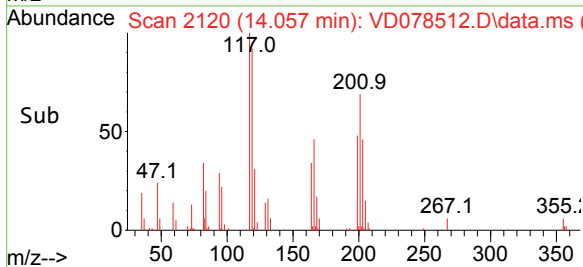
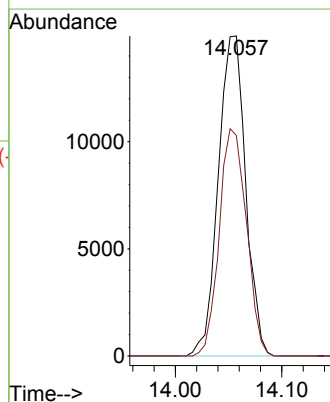
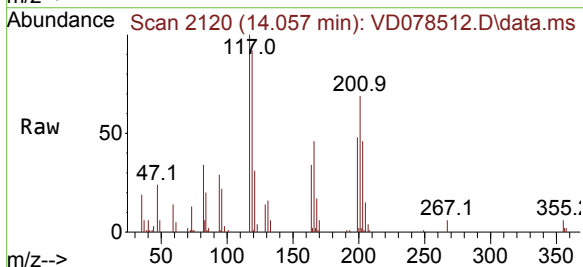
Acq: 22 Feb 2024 12:46

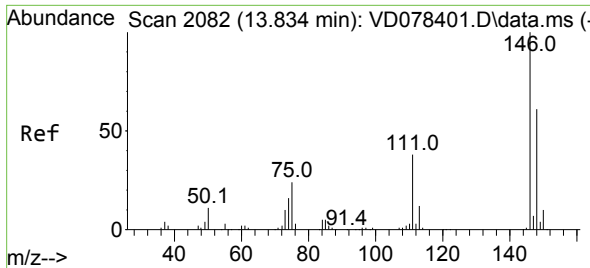
Tgt Ion: 117 Resp: 26670

Ion Ratio Lower Upper

117 100

201 70.5 38.5 115.5

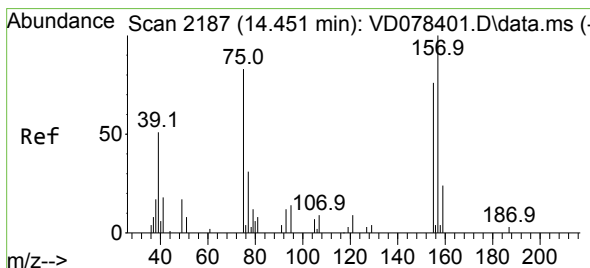
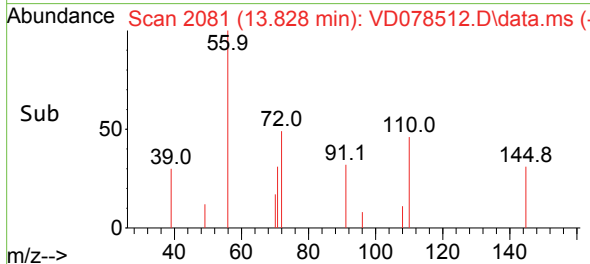
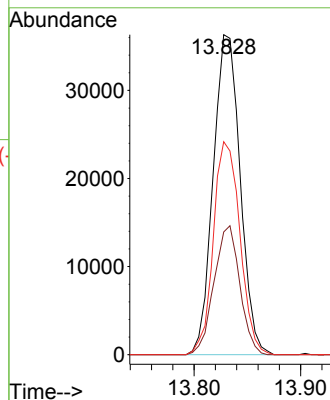
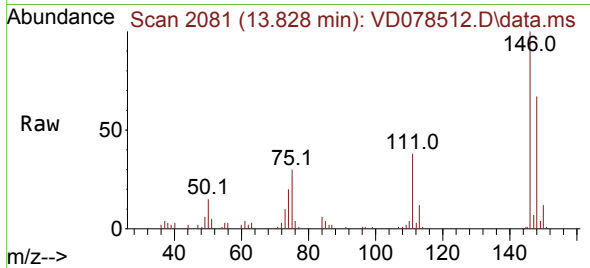




#91
1,2-Dichlorobenzene
Concen: 22.863 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

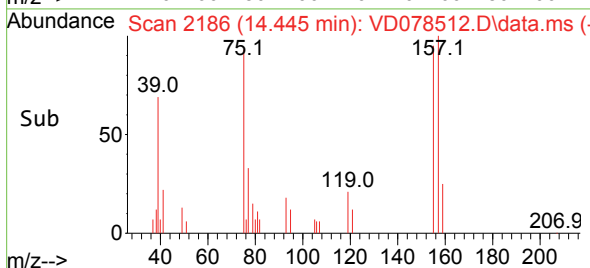
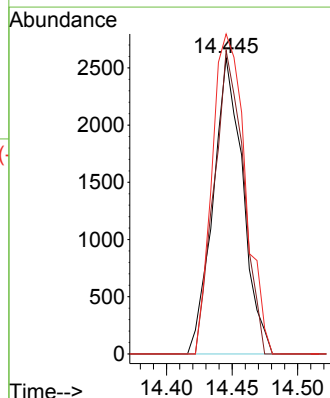
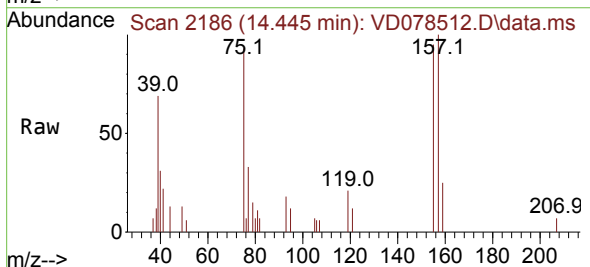
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

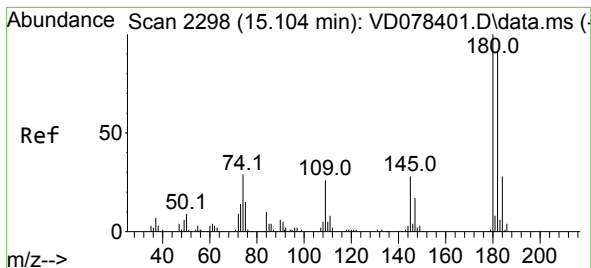
Tgt Ion:146 Resp: 63893
Ion Ratio Lower Upper
146 100
111 38.6 18.3 54.8
148 65.6 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.786 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion: 75 Resp: 4099
Ion Ratio Lower Upper
75 100
155 100.7 47.9 143.8
157 120.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 21.920 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078512.D

Acq: 22 Feb 2024 12:46

Instrument :

MSVOA_D

ClientSampleId :

VD0222SBS01

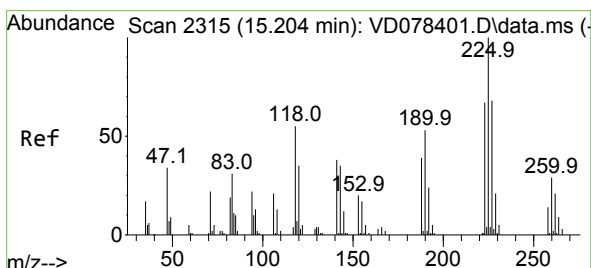
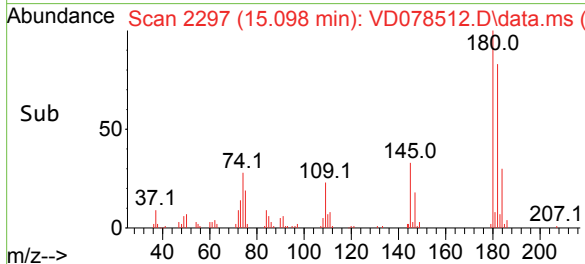
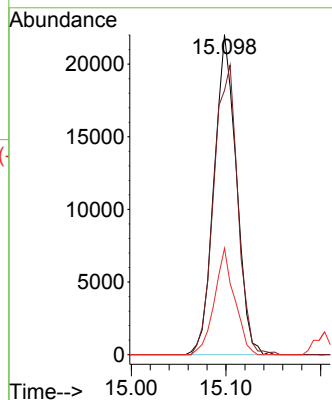
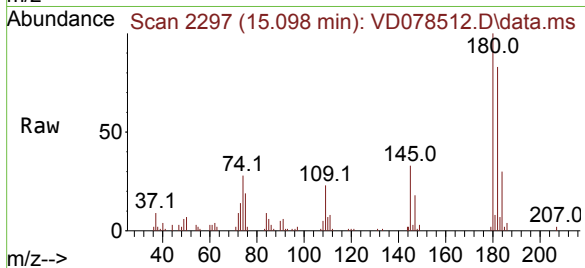
Tgt Ion:180 Resp: 36000

Ion Ratio Lower Upper

180 100

182 97.1 48.5 145.6

145 30.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.769 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078512.D

Acq: 22 Feb 2024 12:46

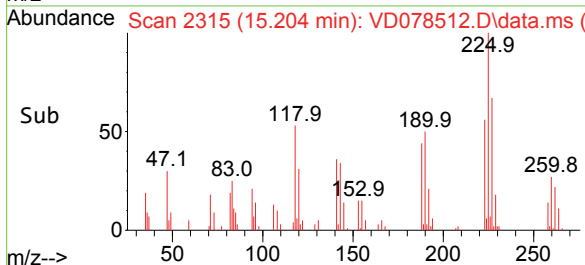
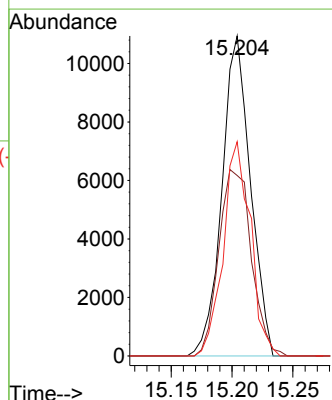
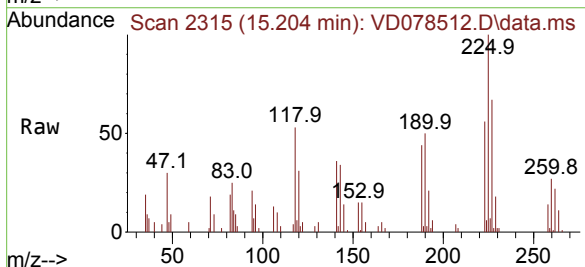
Tgt Ion:225 Resp: 17804

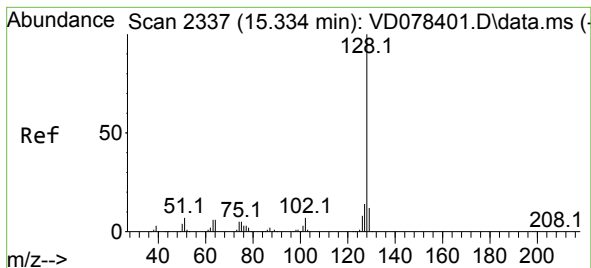
Ion Ratio Lower Upper

225 100

223 66.5 31.6 94.8

227 63.8 31.7 95.1

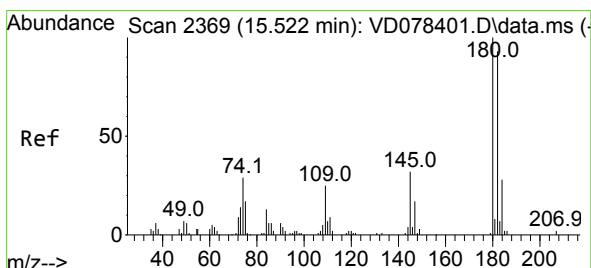
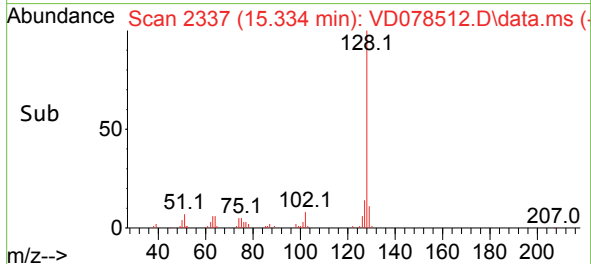
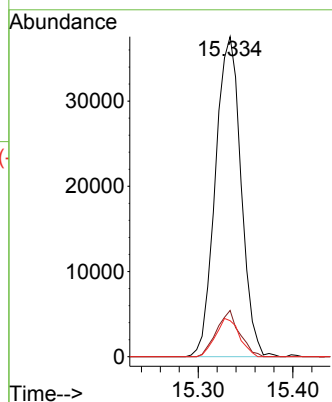
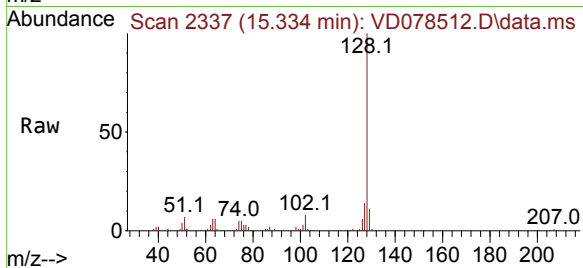




#95
Naphthalene
Concen: 23.178 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

Tgt Ion:128 Resp: 70605
Ion Ratio Lower Upper
128 100
127 14.5 10.5 15.7
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 23.982 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078512.D
Acq: 22 Feb 2024 12:46

Tgt Ion:180 Resp: 33381
Ion Ratio Lower Upper
180 100
182 95.3 47.3 141.9
145 29.9 15.1 45.3

