

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD078008.D
 Acq On : 20 Dec 2023 22:37
 Operator : RP/MD
 Sample : VD1220SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 21 05:30:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	107423	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	189651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	172454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	90192	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	73557	58.110	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.220%	
35) Dibromofluoromethane	7.810	113	79539	59.874	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.740%	
50) Toluene-d8	10.269	98	309478	58.166	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.340%	
62) 4-Bromofluorobenzene	12.575	95	91522	57.535	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.080%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	25567	19.053	ug/l	93
3) Chloromethane	2.152	50	38450	21.021	ug/l	98
4) Vinyl Chloride	2.287	62	53695	21.624	ug/l	99
5) Bromomethane	2.693	94	42925	30.808	ug/l	99
6) Chloroethane	2.840	64	40983	24.209	ug/l	94
7) Trichlorofluoromethane	3.181	101	47721	20.867	ug/l	92
8) Diethyl Ether	3.593	74	12634	19.674	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.969	101	28308	21.637	ug/l	96
10) Methyl Iodide	4.158	142	26023	26.376	ug/l #	90
11) Tert butyl alcohol	5.052	59	5680	85.776	ug/l #	93
12) 1,1-Dichloroethene	3.946	96	25189	19.507	ug/l #	83
13) Acrolein	3.793	56	9449	70.567	ug/l	91
14) Allyl chloride	4.575	41	33929	19.105	ug/l	88
15) Acrylonitrile	5.263	53	28738	104.521	ug/l	94
16) Acetone	4.028	43	34815	109.534	ug/l	87
17) Carbon Disulfide	4.275	76	70813	16.210	ug/l	96
18) Methyl Acetate	4.575	43	21600	21.667	ug/l	92
19) Methyl tert-butyl Ether	5.322	73	60911	22.233	ug/l	100
20) Methylene Chloride	4.805	84	37031	21.989	ug/l #	84
21) trans-1,2-Dichloroethene	5.316	96	31136	21.289	ug/l	93
22) Diisopropyl ether	6.216	45	77346	20.841	ug/l	95
23) Vinyl Acetate	6.163	43	177429	97.901	ug/l #	90
24) 1,1-Dichloroethane	6.116	63	54987	21.879	ug/l	96
25) 2-Butanone	7.087	43	39880	105.960	ug/l	99
26) 2,2-Dichloropropane	7.075	77	44506	21.092	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	36870	23.428	ug/l	94
28) Bromochloromethane	7.428	49	22338	21.996	ug/l #	76
29) Tetrahydrofuran	7.452	42	19682	97.643	ug/l	90
30) Chloroform	7.599	83	58674	23.327	ug/l	97
31) Cyclohexane	7.881	56	39303	17.456	ug/l #	93
32) 1,1,1-Trichloroethane	7.793	97	47802	21.558	ug/l	98
36) 1,1-Dichloropropene	8.010	75	41836	19.688	ug/l	96
37) Ethyl Acetate	7.163	43	15950	19.251	ug/l	93
38) Carbon Tetrachloride	7.993	117	41264	19.479	ug/l	95
39) Methylcyclohexane	9.275	83	44454	17.647	ug/l #	89
40) Benzene	8.251	78	123761	20.521	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	10186	24.188	ug/l #	86
42) 1,2-Dichloroethane	8.328	62	32196	20.595	ug/l	94
43) Isopropyl Acetate	8.357	43	28217	19.158	ug/l	96
44) Trichloroethene	9.034	130	33141	21.087	ug/l	96
45) 1,2-Dichloropropane	9.304	63	32313	22.040	ug/l #	89
46) Dibromomethane	9.398	93	17568	22.647	ug/l	90
47) Bromodichloromethane	9.581	83	44512	22.638	ug/l	95
48) Methyl methacrylate	9.375	41	16729	19.981	ug/l #	80
49) 1,4-Dioxane	9.387	88	3126	405.825	ug/l #	78
51) 4-Methyl-2-Pentanone	10.157	43	73906	98.320	ug/l	89
52) Toluene	10.334	92	80340	21.475	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	39634	20.991	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	46953	20.568	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	24232	22.837	ug/l	97
56) Ethyl methacrylate	10.593	69	19417	20.758	ug/l #	90
57) 1,3-Dichloropropane	10.881	76	39402	21.543	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	39245	73.572	ug/l	95
59) 2-Hexanone	10.922	43	58254	93.411	ug/l	88
60) Dibromochloromethane	11.075	129	28577	22.369	ug/l	94
61) 1,2-Dibromoethane	11.181	107	22260	22.286	ug/l	99
64) Tetrachloroethene	10.810	164	26838	21.174	ug/l	94
65) Chlorobenzene	11.610	112	83953	19.519	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	30317	21.141	ug/l	98
67) Ethyl Benzene	11.687	91	148601	20.697	ug/l	96
68) m/p-Xylenes	11.792	106	114988	41.870	ug/l	90
69) o-Xylene	12.122	106	53534	21.151	ug/l	94
70) Styrene	12.134	104	80891	21.493	ug/l	94
71) Bromoform	12.298	173	15543	20.743	ug/l #	96
73) Isopropylbenzene	12.422	105	141894	20.758	ug/l	96
74) N-amyl acetate	12.234	43	24119	17.950	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.669	83	28077	23.557	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	31595	40.335	ug/l #	100
77) Bromobenzene	12.704	156	33845	21.050	ug/l	90
78) n-propylbenzene	12.763	91	170876	20.514	ug/l	96
79) 2-Chlorotoluene	12.851	91	95493	21.392	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	119274	20.921	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	7959	20.586	ug/l	88
82) 4-Chlorotoluene	12.945	91	102477	21.959	ug/l	93
83) tert-Butylbenzene	13.169	119	100155	20.808	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	117744	20.648	ug/l	97
85) sec-Butylbenzene	13.345	105	148614	20.888	ug/l	97
86) p-Isopropyltoluene	13.457	119	133231	20.916	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	68319	20.778	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	68211	19.815	ug/l	96
89) n-Butylbenzene	13.786	91	120814	20.156	ug/l	98
90) Hexachloroethane	14.051	117	26413	22.547	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	60385	21.594	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3694	20.823	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	36627	19.175	ug/l	95
94) Hexachlorobutadiene	15.204	225	19493	18.925	ug/l	99
95) Naphthalene	15.328	128	63148	19.898	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	31497	20.002	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

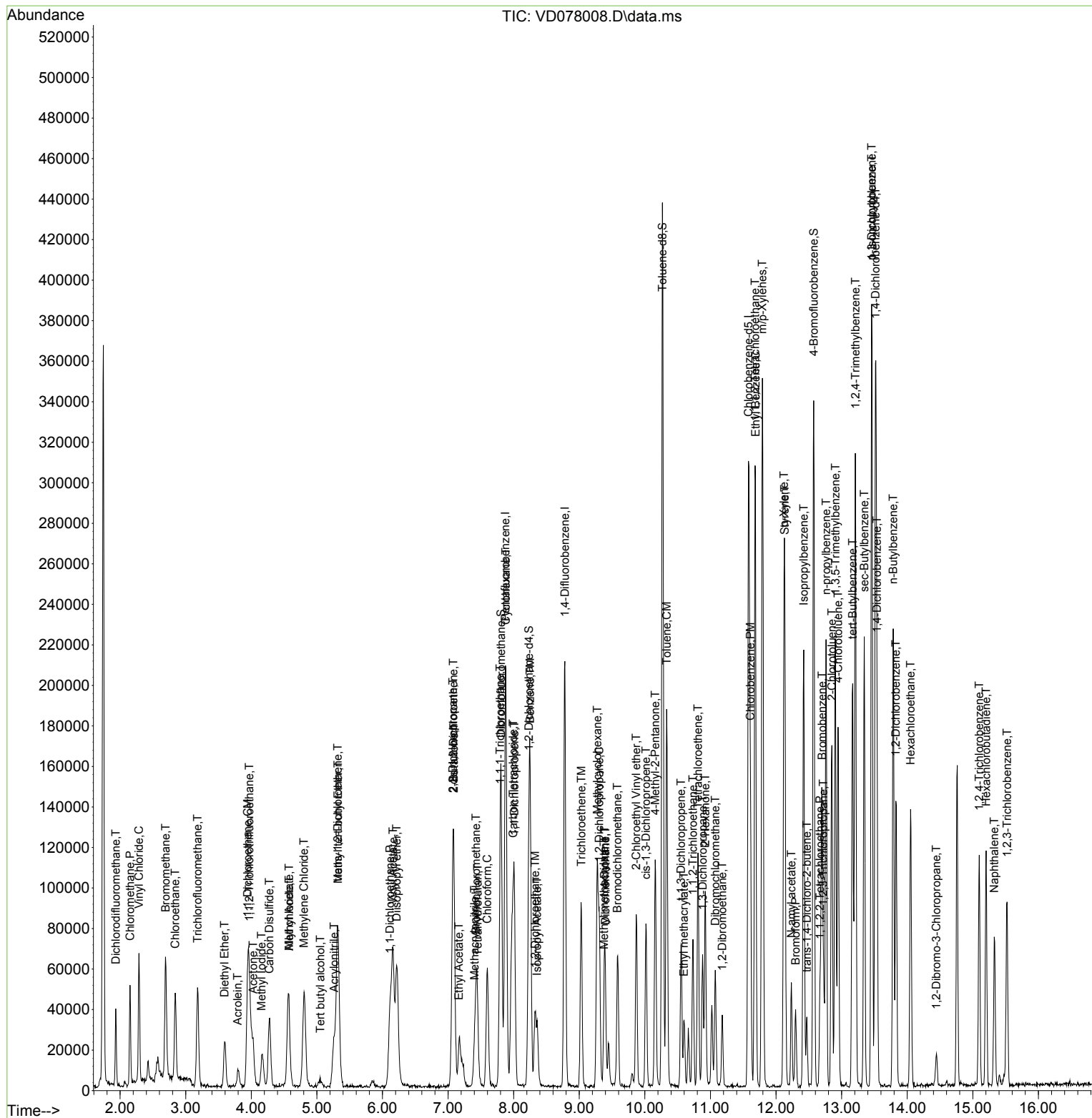
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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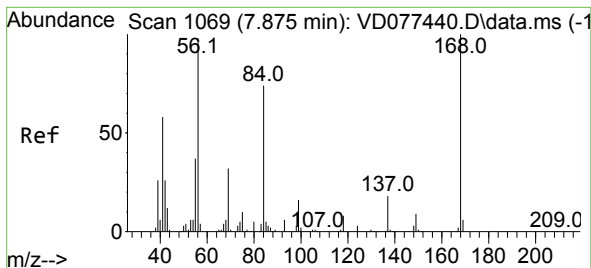
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

Instrument :

MSVOA_D

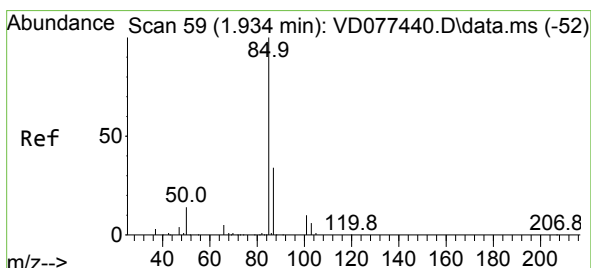
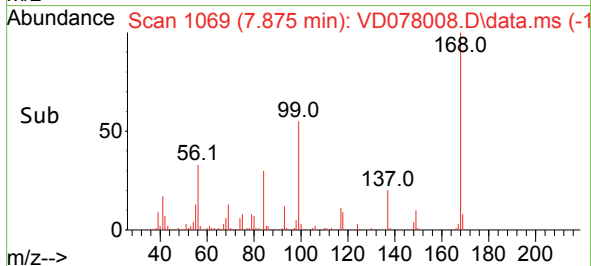
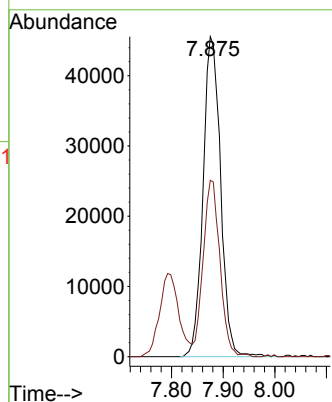
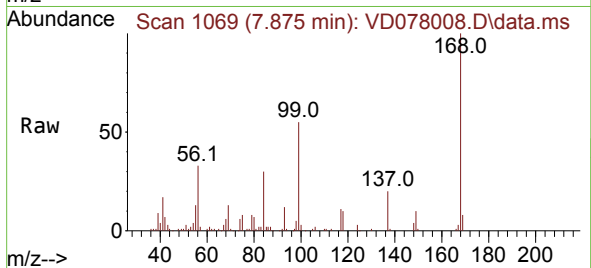
ClientSampleId :

Tgt Ion:168 Resp: 107423

Ion Ratio Lower Upper

168 100

99 55.1 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 19.053 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078008.D

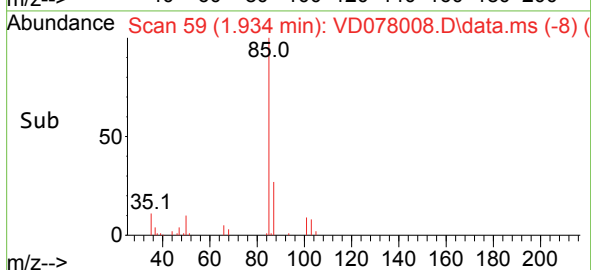
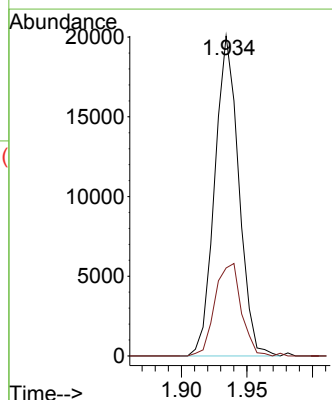
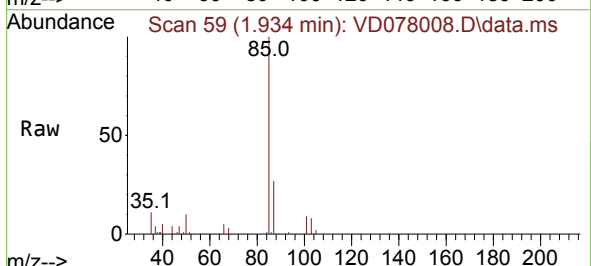
Acq: 20 Dec 2023 22:37

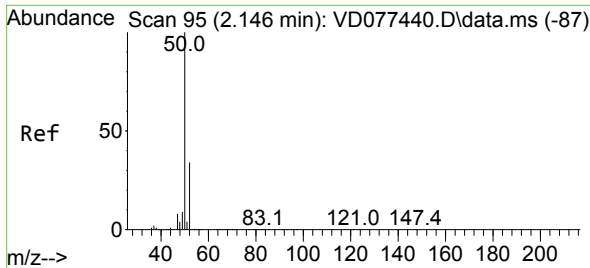
Tgt Ion: 85 Resp: 25567

Ion Ratio Lower Upper

85 100

87 27.5 15.7 47.0

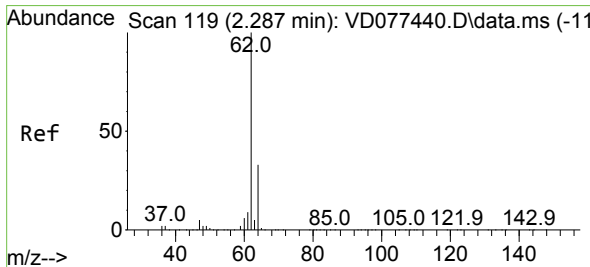
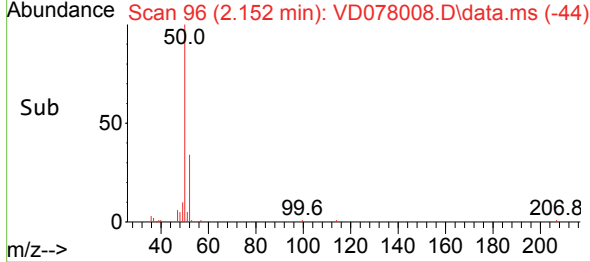
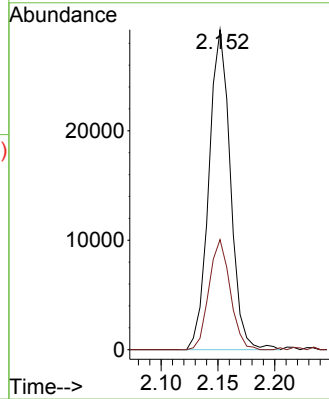
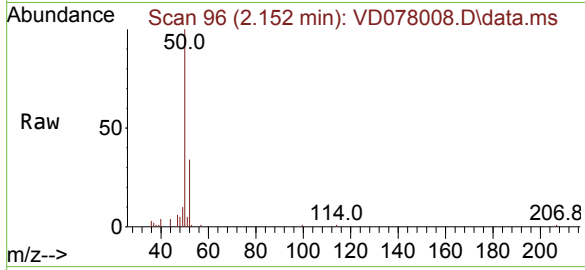




#3
Chloromethane
Concen: 21.021 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

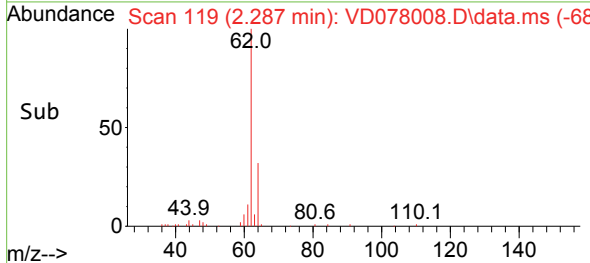
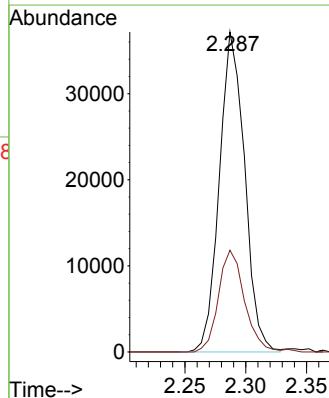
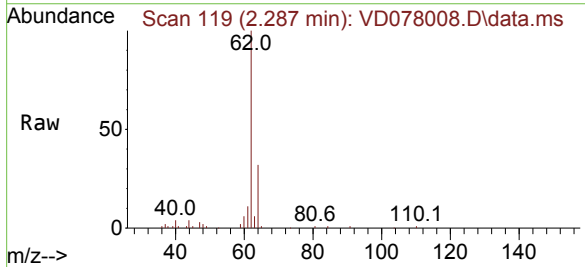
Instrument :
MSVOA_D
ClientSampleId :

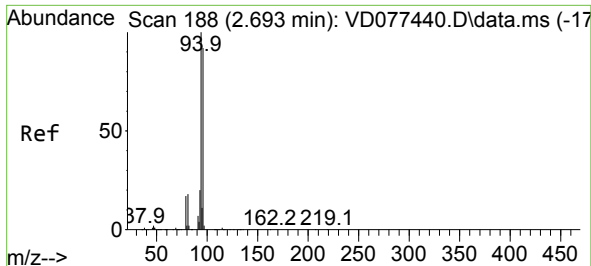
Tgt Ion: 50 Resp: 38450
Ion Ratio Lower Upper
50 100
52 34.4 26.6 40.0



#4
Vinyl Chloride
Concen: 21.624 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

Tgt Ion: 62 Resp: 53695
Ion Ratio Lower Upper
62 100
64 31.8 26.0 39.0

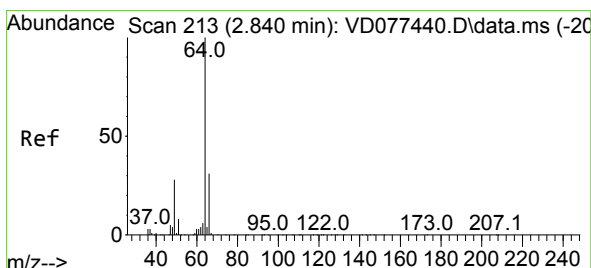
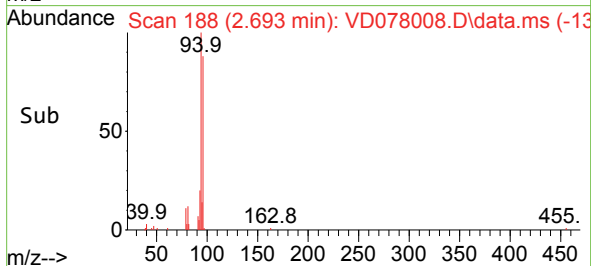
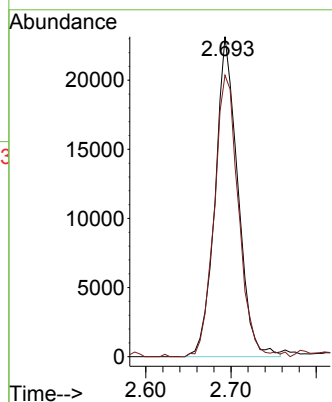
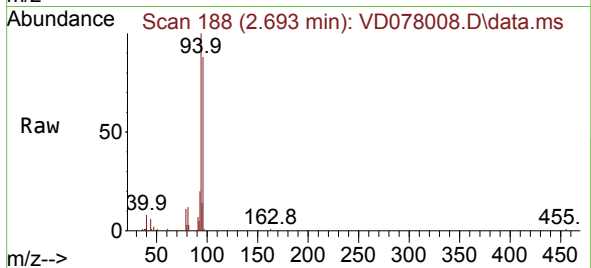




#5
Bromomethane
Concen: 30.808 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

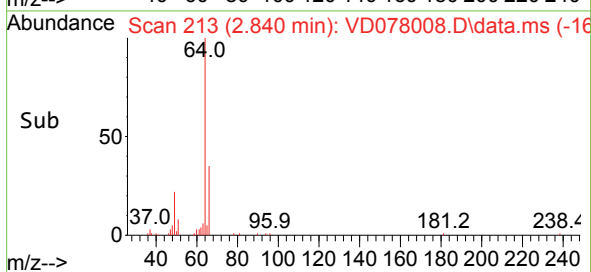
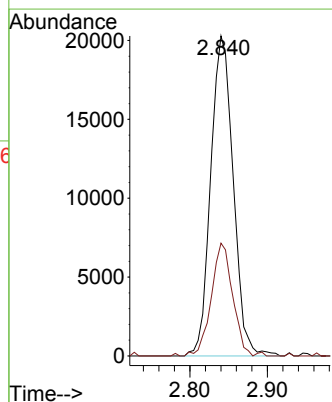
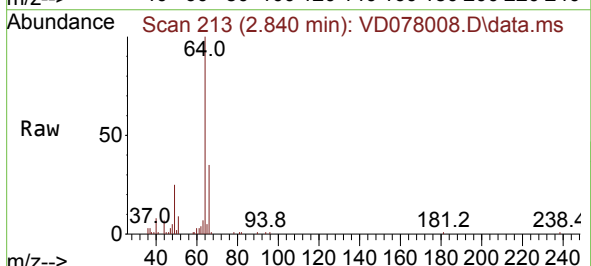
Instrument :
MSVOA_D
ClientSampleId :

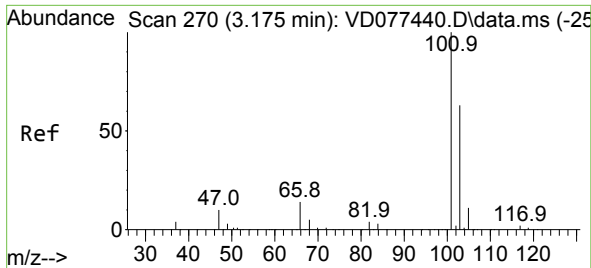
Tgt Ion: 94 Resp: 42925
Ion Ratio Lower Upper
94 100
96 93.8 75.8 113.8



#6
Chloroethane
Concen: 24.209 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

Tgt Ion: 64 Resp: 40983
Ion Ratio Lower Upper
64 100
66 35.2 25.5 38.3

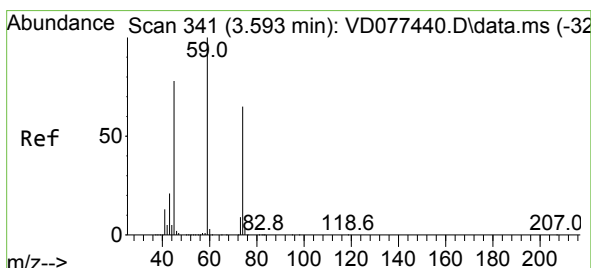
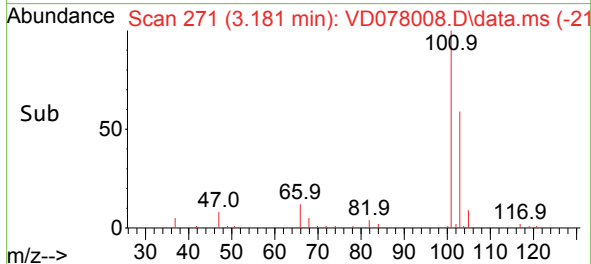
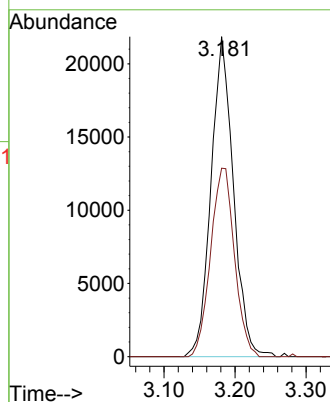
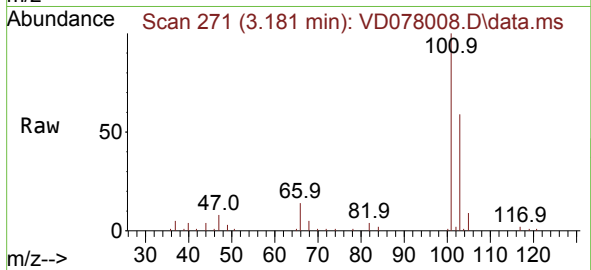




#7
Trichlorofluoromethane
Concen: 20.867 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

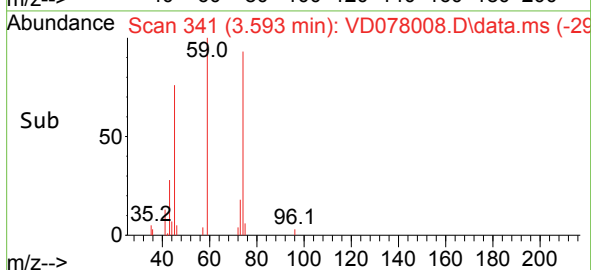
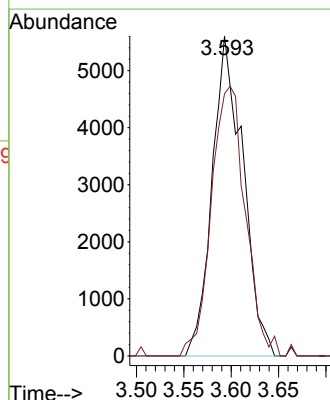
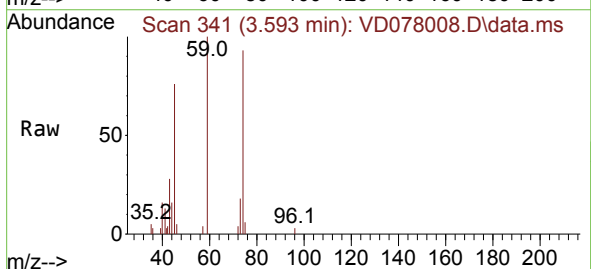
Instrument :
MSVOA_D
ClientSampleId :

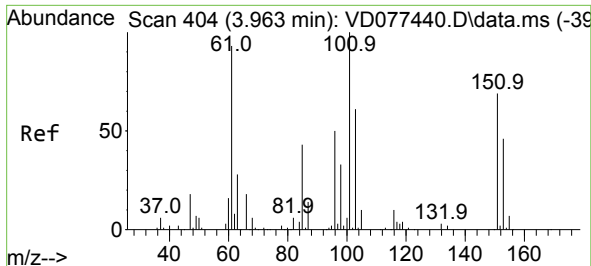
Tgt Ion:101 Resp: 47721
Ion Ratio Lower Upper
101 100
103 58.9 52.3 78.5



#8
Diethyl Ether
Concen: 19.674 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD078008.D
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Tgt Ion: 74 Resp: 12634
Ion Ratio Lower Upper
74 100
45 93.4 37.5 112.7

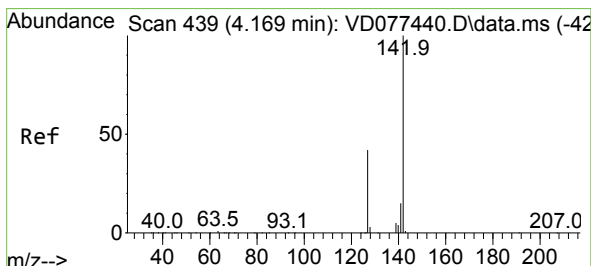
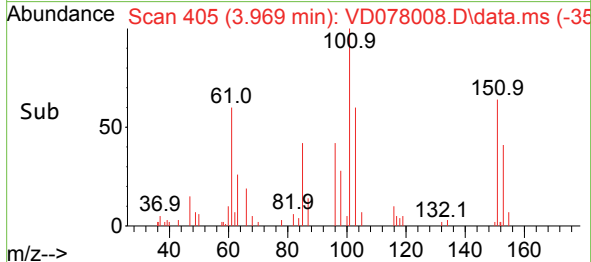
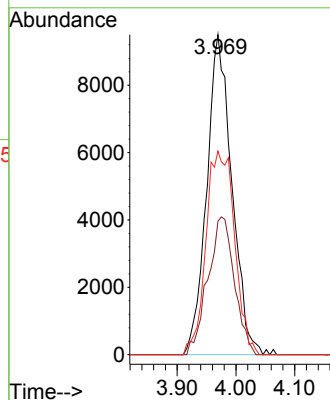
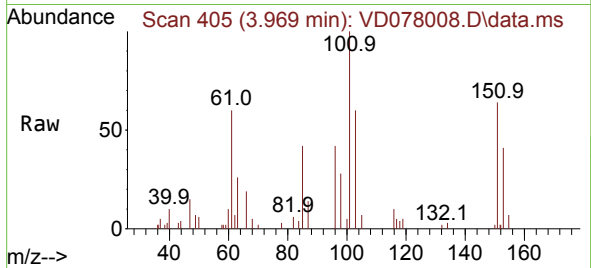




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.637 ug/l
RT: 3.969 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

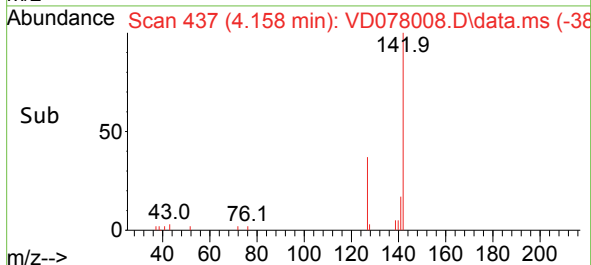
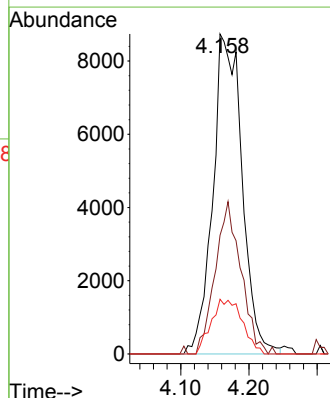
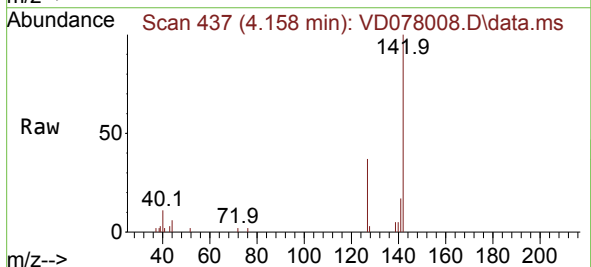
Instrument :
MSVOA_D
ClientSampleId :

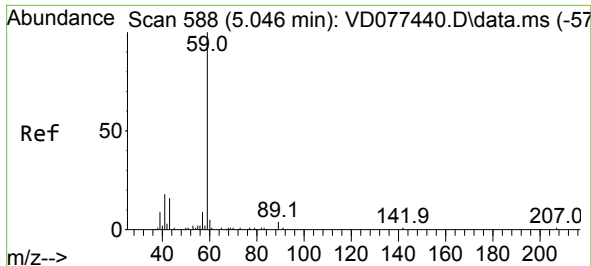
Tgt Ion	Ratio	Lower	Upper
101	100		
85	45.3	33.8	50.6
151	72.2	59.8	89.6



#10
Methyl Iodide
Concen: 26.376 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.011 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

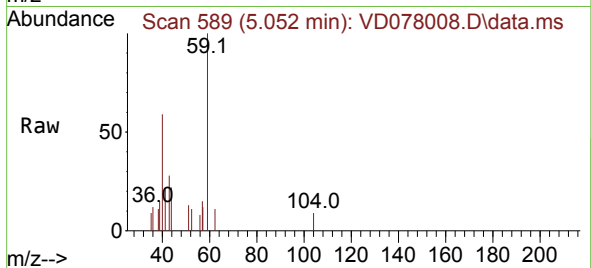
Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.2	29.4	44.0
141	18.2	11.1	16.7



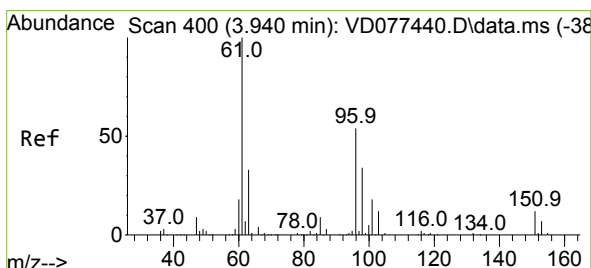
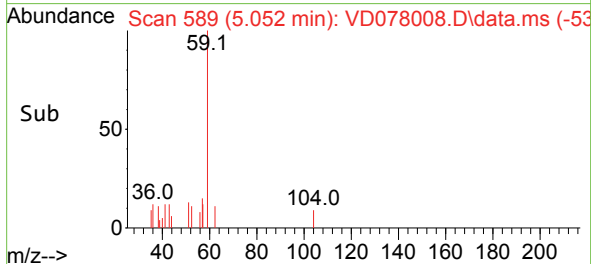
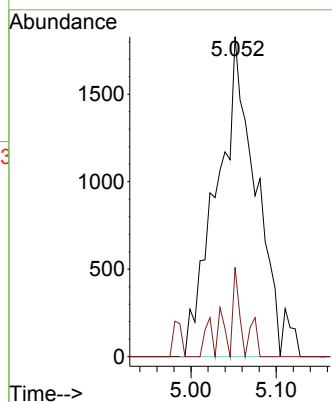


#11
Tert butyl alcohol
Concen: 85.776 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

Instrument :
MSVOA_D
ClientSampleId :

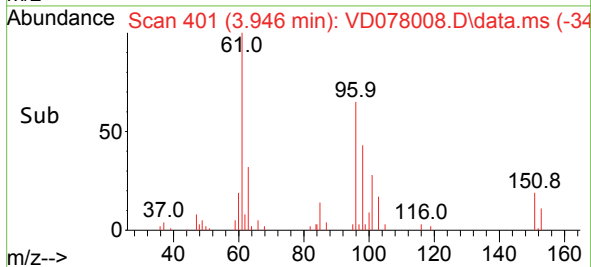
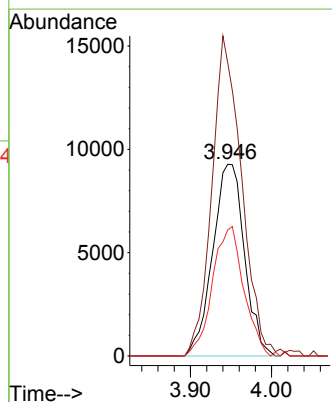
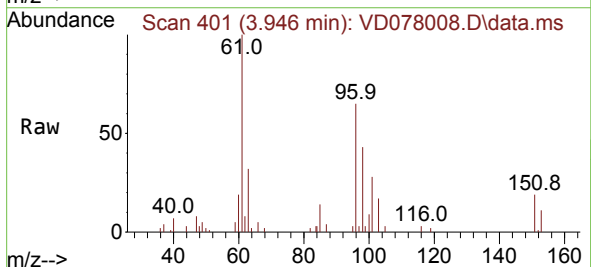


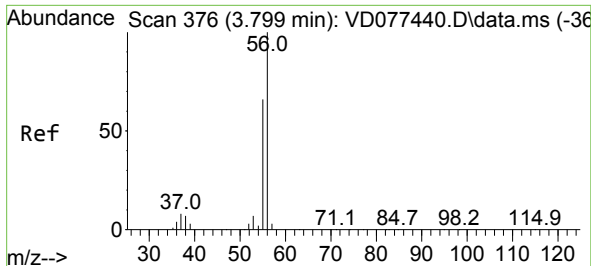
Tgt Ion: 59 Resp: 5680
Ion Ratio Lower Upper
59 100
57 7.3 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 19.507 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

Tgt Ion: 96 Resp: 25189
Ion Ratio Lower Upper
96 100
61 153.0 100.6 150.8#
98 65.8 50.2 75.2

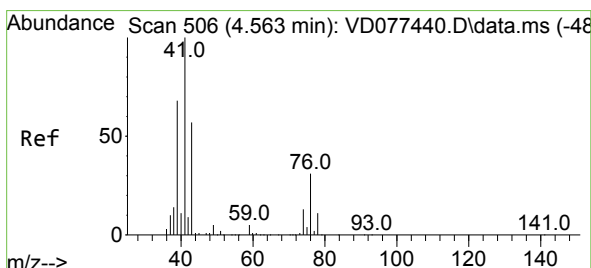
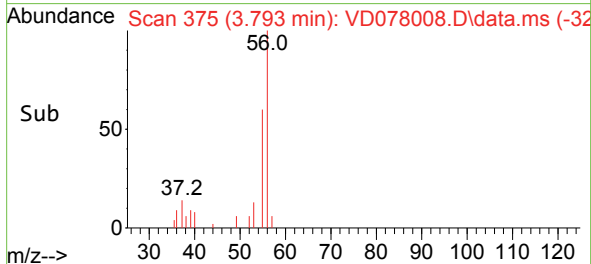
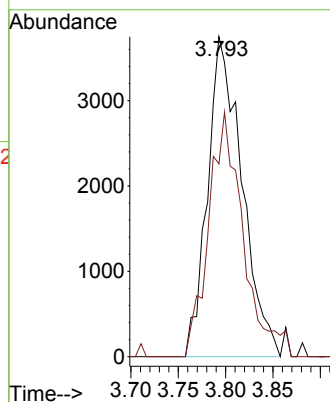
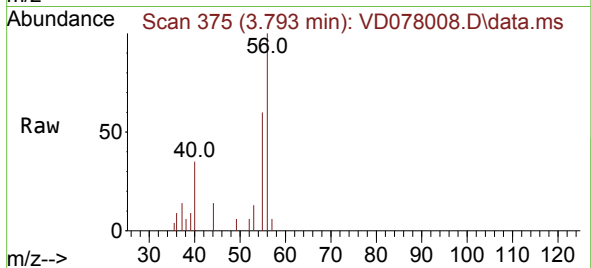




#13
Acrolein
Concen: 70.567 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

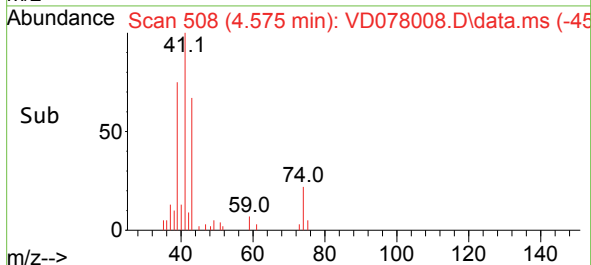
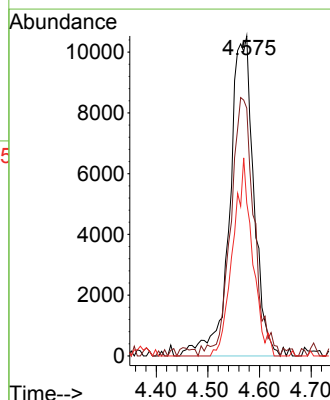
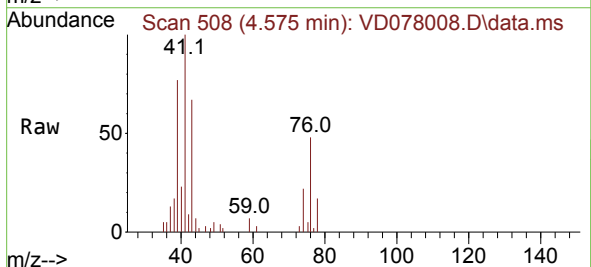
Instrument :
MSVOA_D
ClientSampleId :

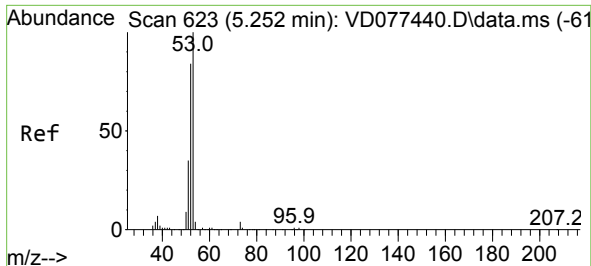
Tgt Ion: 56 Resp: 9449
Ion Ratio Lower Upper
56 100
55 76.3 55.1 82.7



#14
Allyl chloride
Concen: 19.105 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.012 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

Tgt Ion: 41 Resp: 33929
Ion Ratio Lower Upper
41 100
39 78.6 53.8 80.6
76 50.7 45.8 68.8

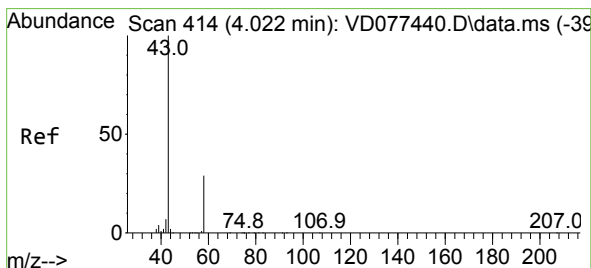
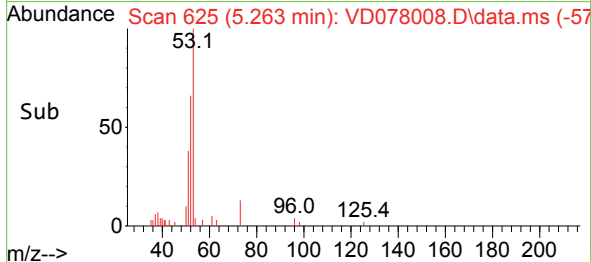
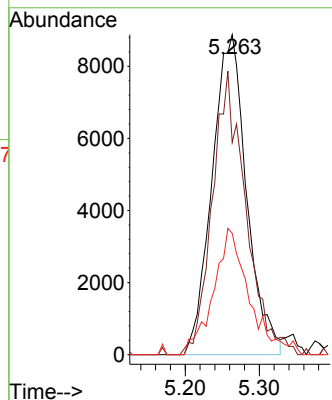
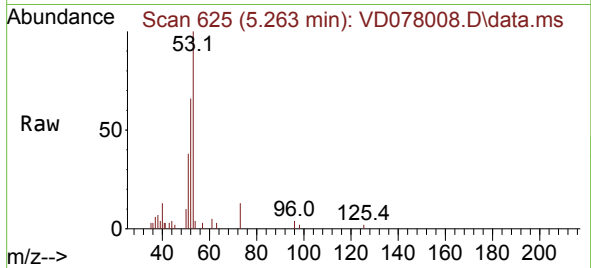




#15
Acrylonitrile
Concen: 104.521 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.011 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

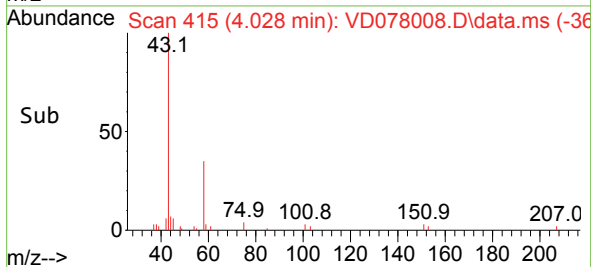
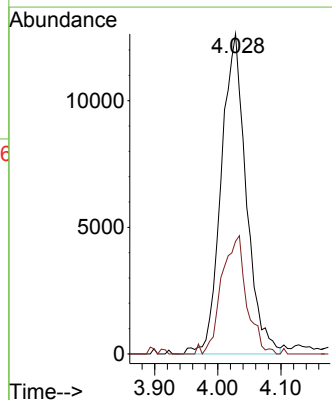
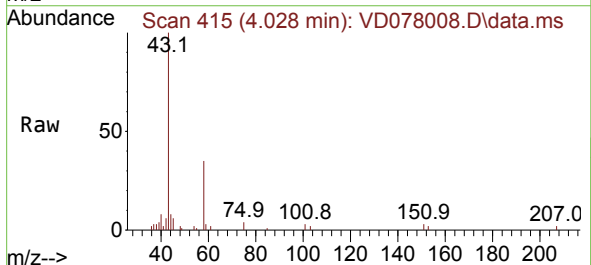
Instrument :
MSVOA_D
ClientSampleId :

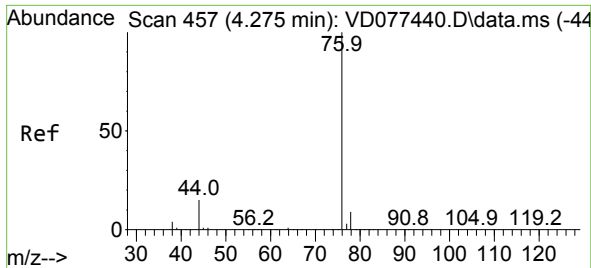
Tgt Ion: 53 Resp: 28738
Ion Ratio Lower Upper
53 100
52 85.4 65.0 97.4
51 40.7 28.3 42.5



#16
Acetone
Concen: 109.534 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

Tgt Ion: 43 Resp: 34815
Ion Ratio Lower Upper
43 100
58 35.2 34.7 52.1

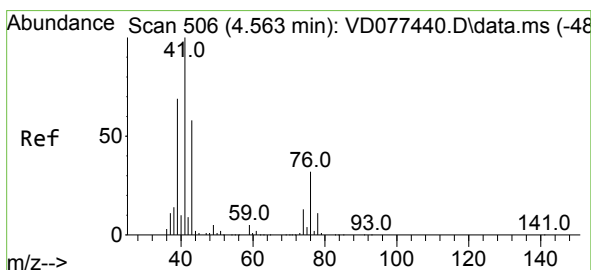
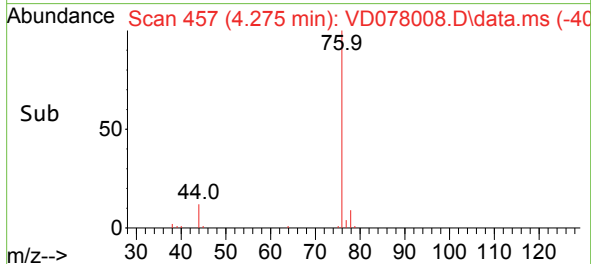
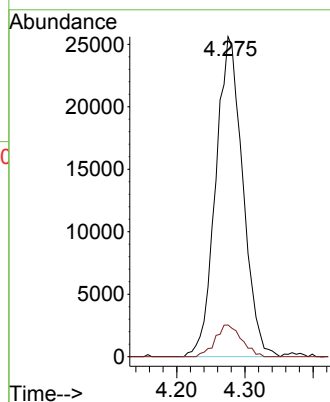
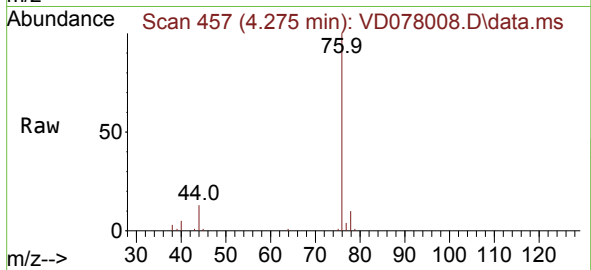




#17
Carbon Disulfide
Concen: 16.210 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

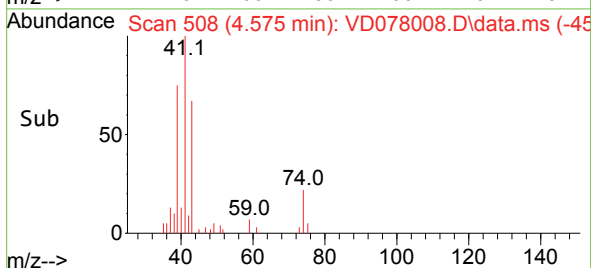
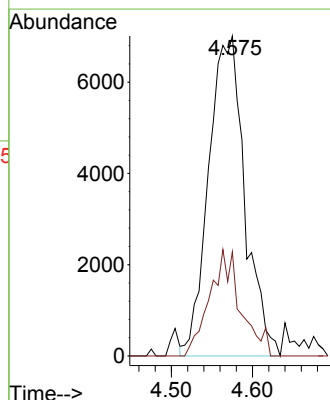
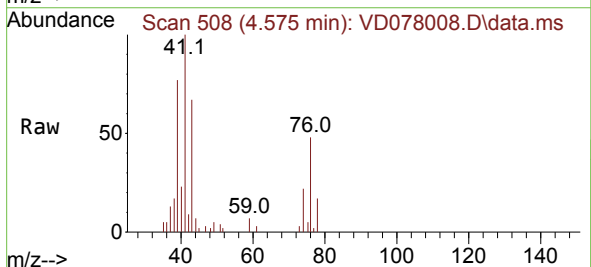
Instrument :
MSVOA_D
ClientSampleId :

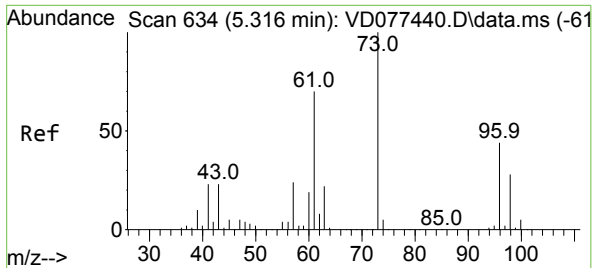
Tgt Ion: 76 Resp: 70813
Ion Ratio Lower Upper
76 100
78 9.9 6.8 10.2



#18
Methyl Acetate
Concen: 21.667 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.012 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

Tgt Ion: 43 Resp: 21600
Ion Ratio Lower Upper
43 100
74 28.6 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 22.233 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

Instrument :

MSVOA_D

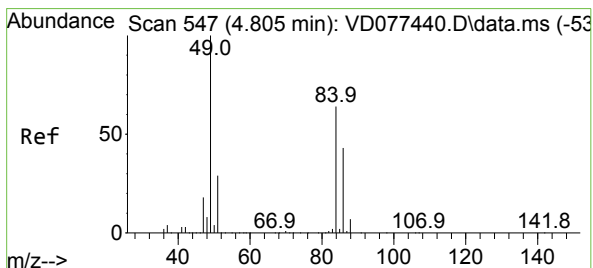
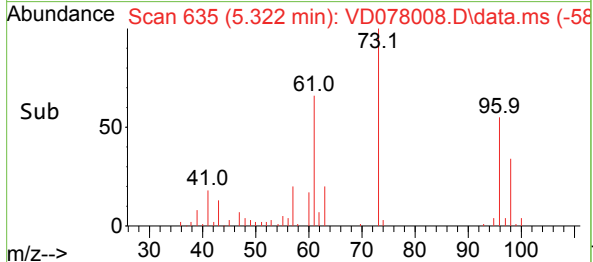
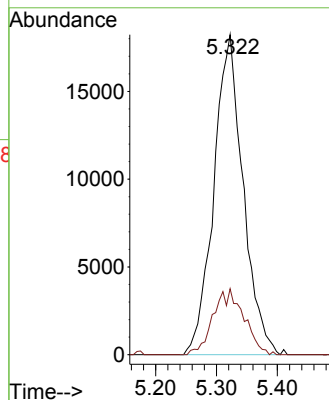
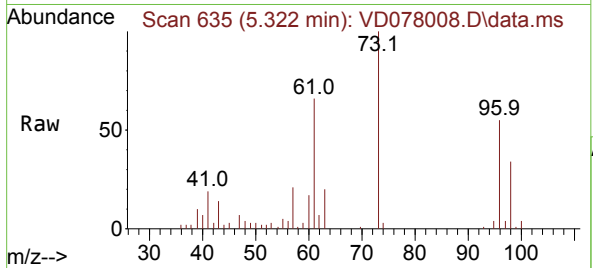
ClientSampleId :

Tgt Ion: 73 Resp: 60911

Ion Ratio Lower Upper

73 100

57 20.6 16.6 25.0



#20

Methylene Chloride

Concen: 21.989 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

Tgt Ion: 84 Resp: 37031

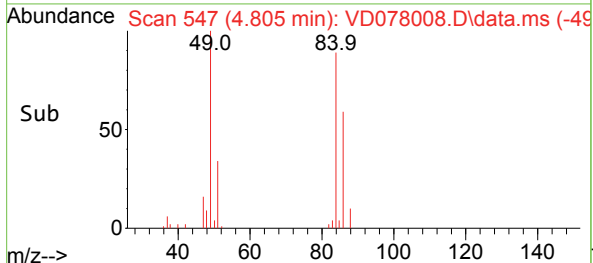
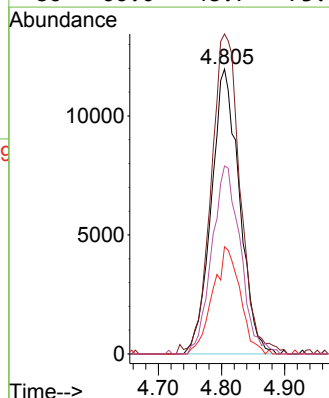
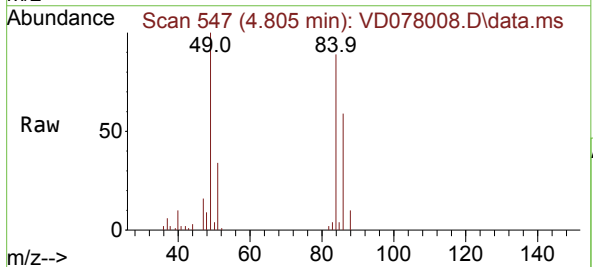
Ion Ratio Lower Upper

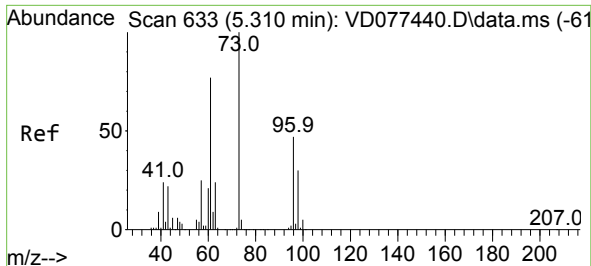
84 100

49 111.0 71.4 107.2#

51 37.7 24.5 36.7#

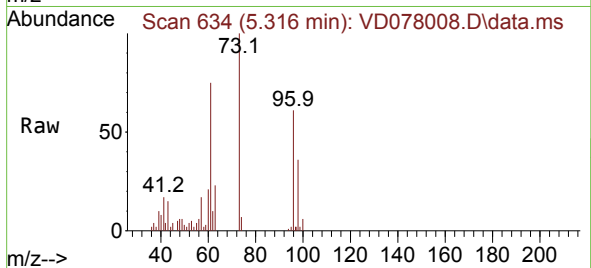
86 66.0 48.7 73.1



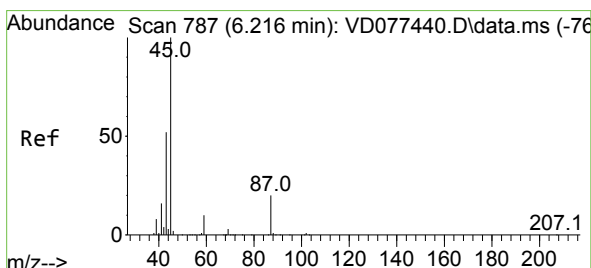
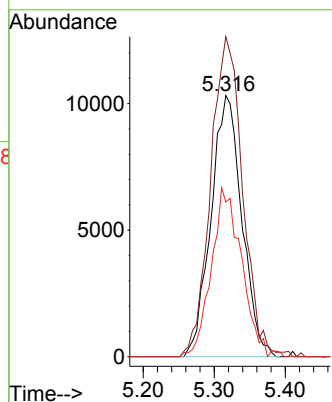
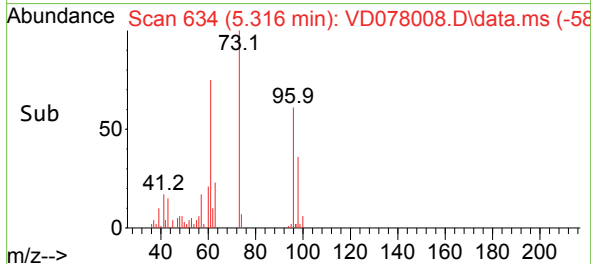


#21
trans-1,2-Dichloroethene
Concen: 21.289 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

Instrument :
MSVOA_D
ClientSampleId :

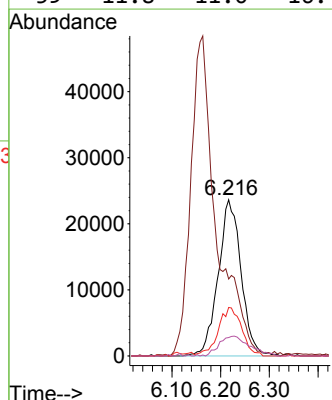
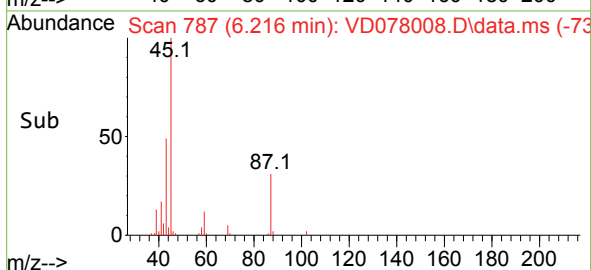
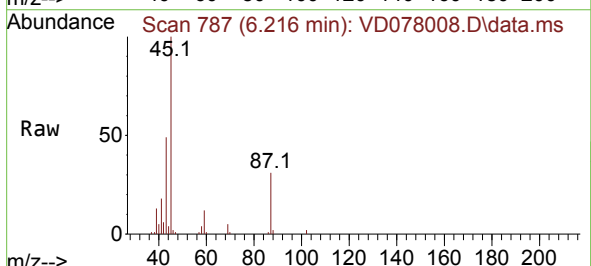


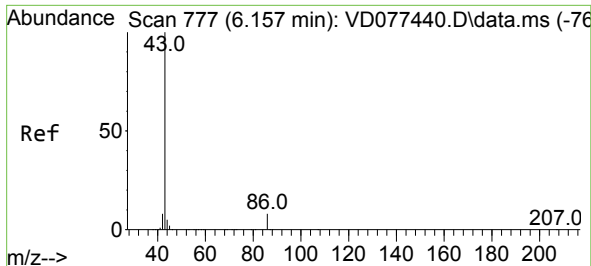
Tgt Ion: 96 Resp: 31136
Ion Ratio Lower Upper
96 100
61 122.5 89.3 133.9
98 59.2 48.6 73.0



#22
Diisopropyl ether
Concen: 20.841 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

Tgt Ion: 45 Resp: 77346
Ion Ratio Lower Upper
45 100
43 47.1 40.0 60.0
87 31.0 28.2 42.4
59 11.8 11.0 16.4

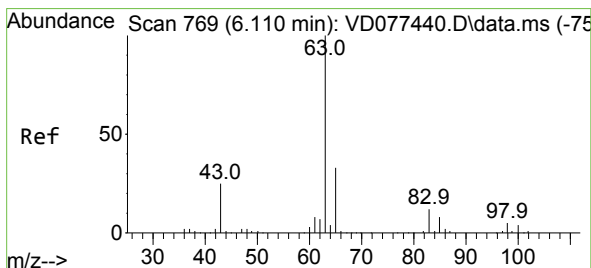
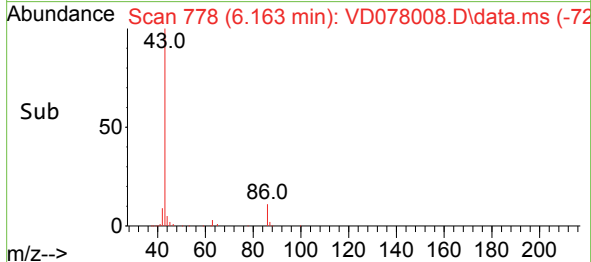
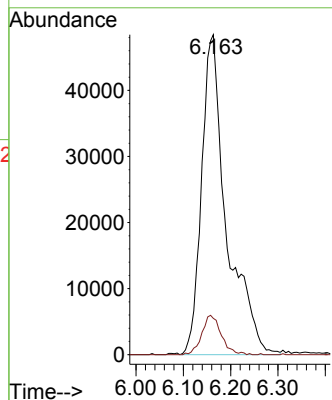
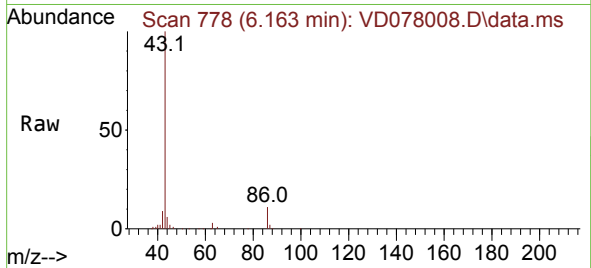




#23
 Vinyl Acetate
 Concen: 97.901 ug/l
 RT: 6.163 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD078008.D
 Acq: 20 Dec 2023 22:37

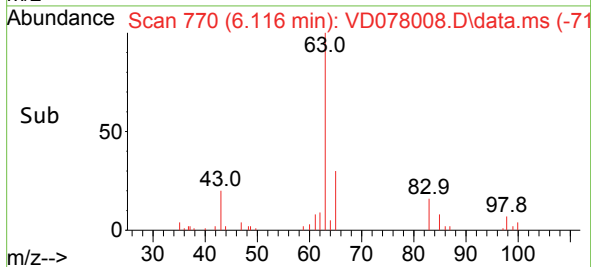
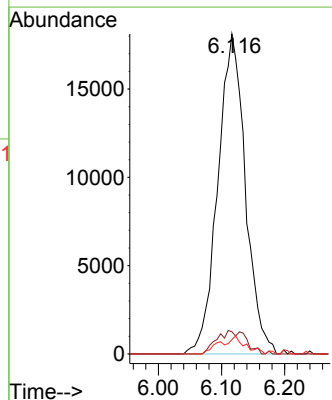
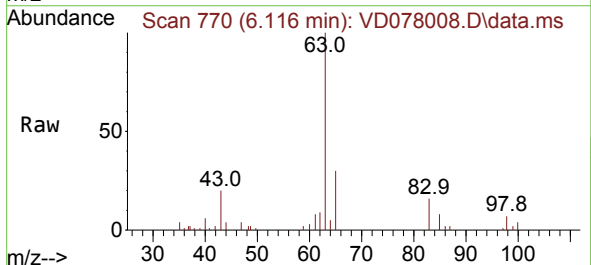
Instrument :
 MSVOA_D
 ClientSampleId :

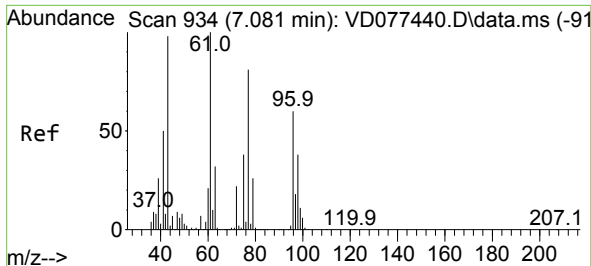
Tgt Ion: 43 Resp: 177429
 Ion Ratio Lower Upper
 43 100
 86 11.4 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 21.879 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD078008.D
 Acq: 20 Dec 2023 22:37

Tgt Ion: 63 Resp: 54987
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.5 13.7
 100 4.5 2.5 7.5





#25

2-Butanone

Concen: 105.960 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

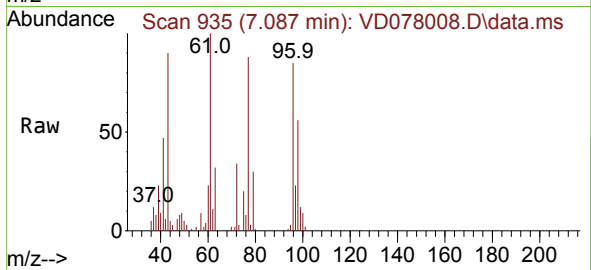
Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

Instrument :

MSVOA_D

ClientSampleId :

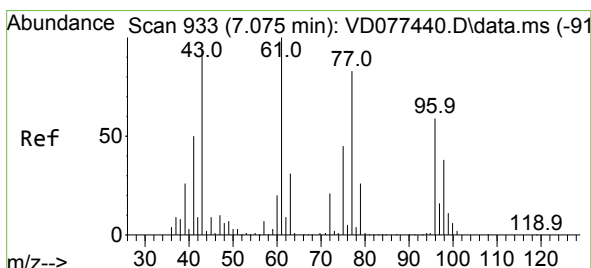
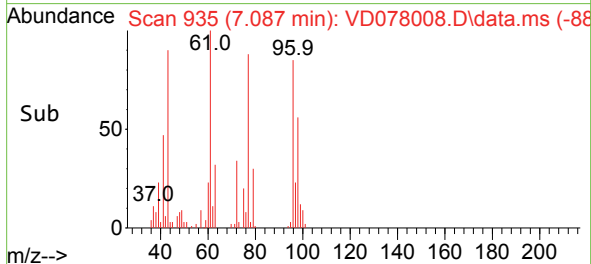
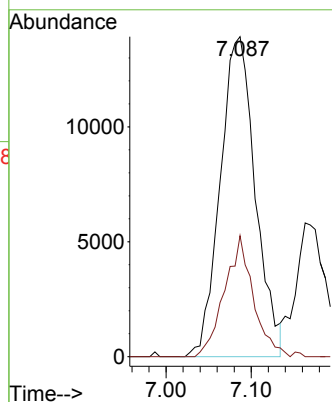


Tgt Ion: 43 Resp: 39880

Ion Ratio Lower Upper

43 100

72 37.8 30.7 46.1



#26

2,2-Dichloropropane

Concen: 21.092 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD078008.D

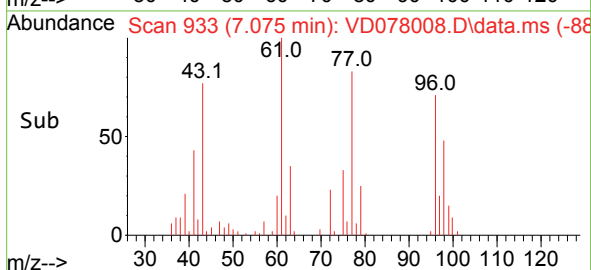
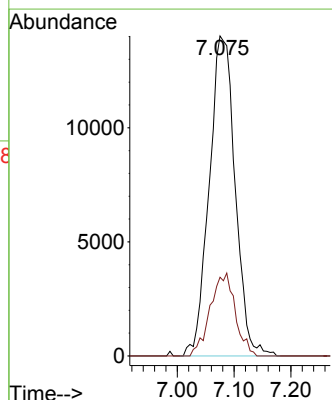
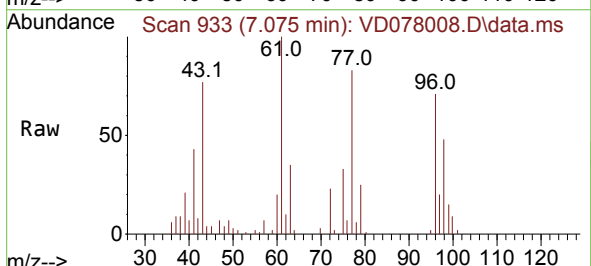
Acq: 20 Dec 2023 22:37

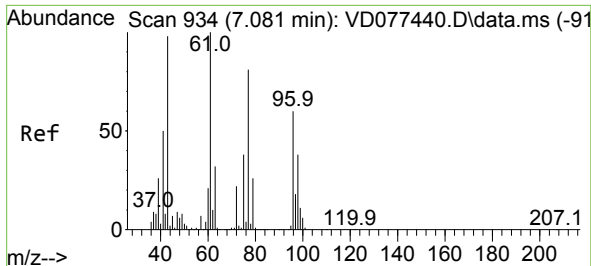
Tgt Ion: 77 Resp: 44506

Ion Ratio Lower Upper

77 100

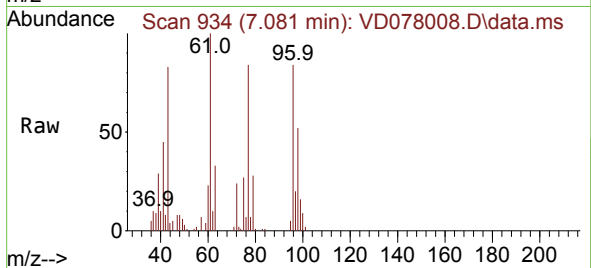
97 24.9 13.2 39.6



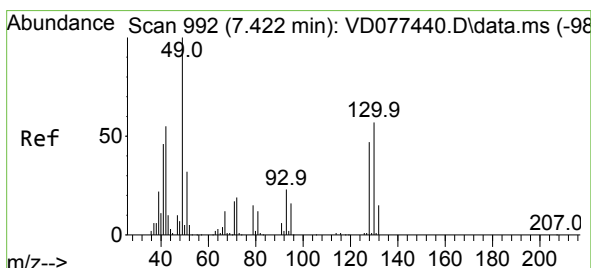
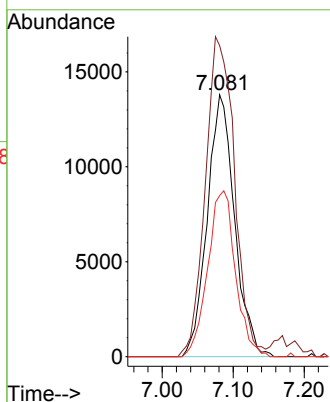
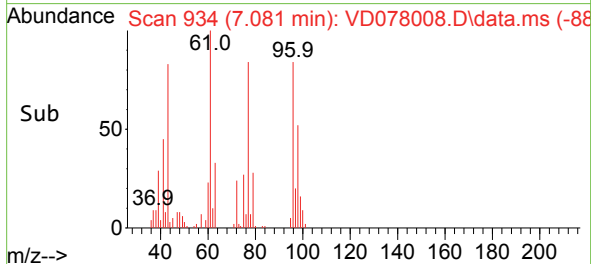


#27
 cis-1,2-Dichloroethene
 Concen: 23.428 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078008.D
 Acq: 20 Dec 2023 22:37

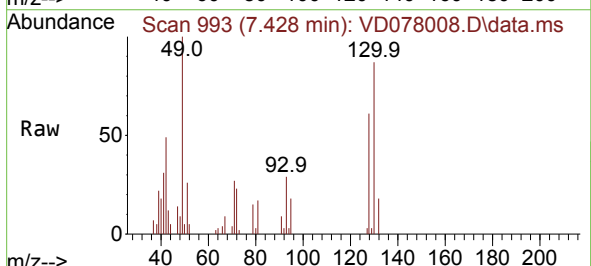
Instrument :
 MSVOA_D
 ClientSampleId :



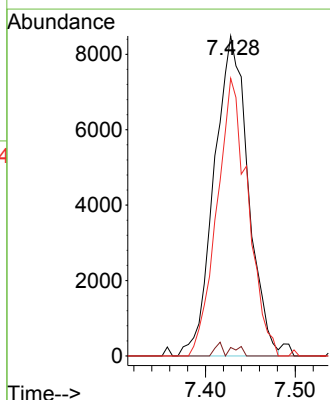
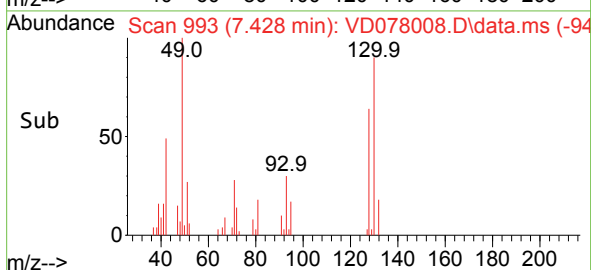
Tgt Ion: 96 Resp: 36870
 Ion Ratio Lower Upper
 96 100
 61 130.1 0.0 239.2
 98 64.3 0.0 128.6

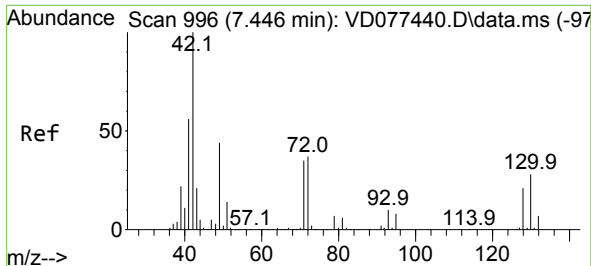


#28
 Bromochloromethane
 Concen: 21.996 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD078008.D
 Acq: 20 Dec 2023 22:37



Tgt Ion: 49 Resp: 22338
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 6.0
 130 79.3 83.2 124.8#





#29

Tetrahydrofuran

Concen: 97.643 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

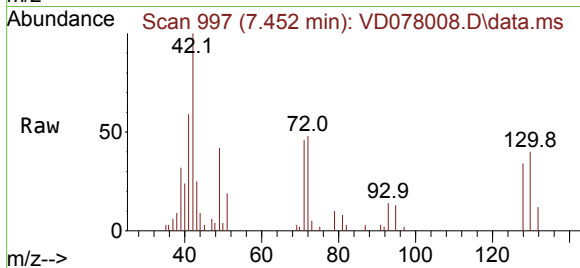
Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

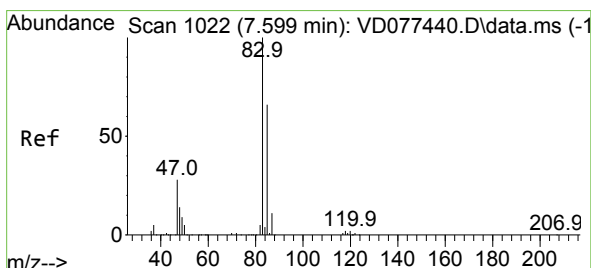
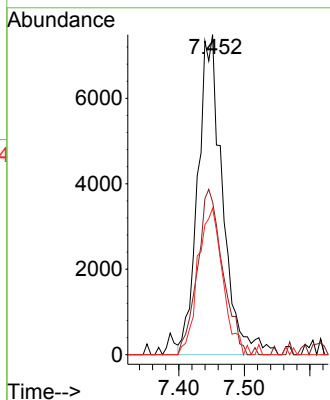
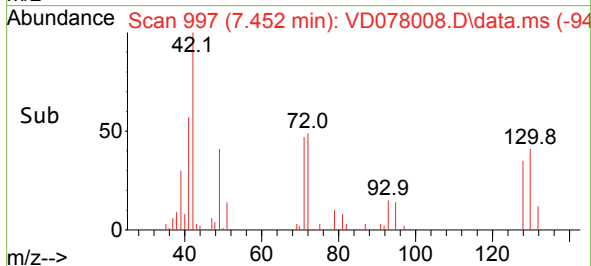
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	19682
Ion Ratio	Lower	Upper	
42	100		
72	52.6	46.5	69.7
71	46.0	44.5	66.7



#30

Chloroform

Concen: 23.327 ug/l

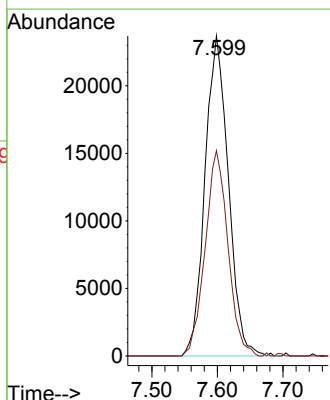
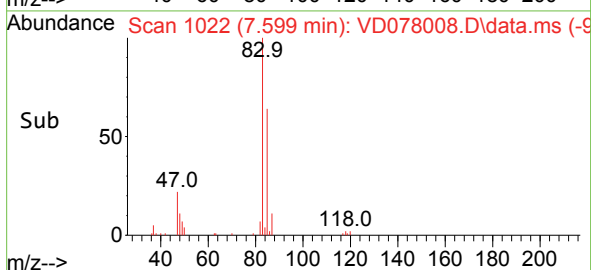
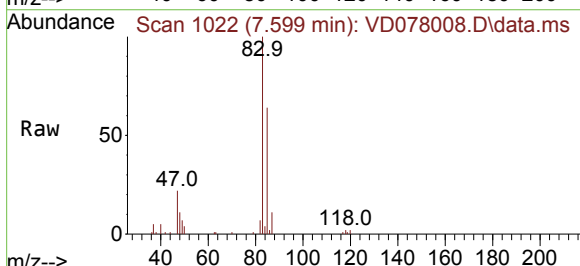
RT: 7.599 min Scan# 1022

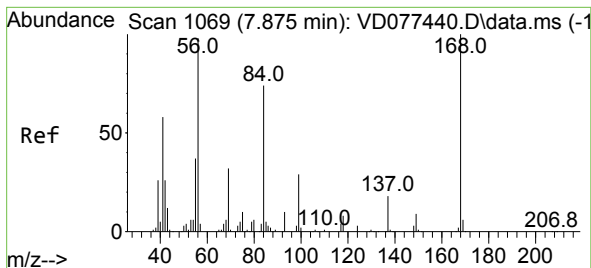
Delta R.T. -0.000 min

Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

Tgt Ion:	83	Resp:	58674
Ion Ratio	Lower	Upper	
83	100		
85	64.2	53.4	80.2





#31

Cyclohexane

Concen: 17.456 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

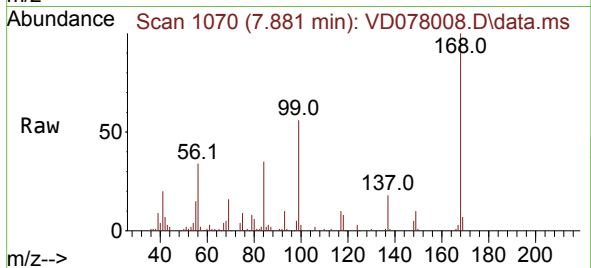
Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

Instrument :

MSVOA_D

ClientSampleId :



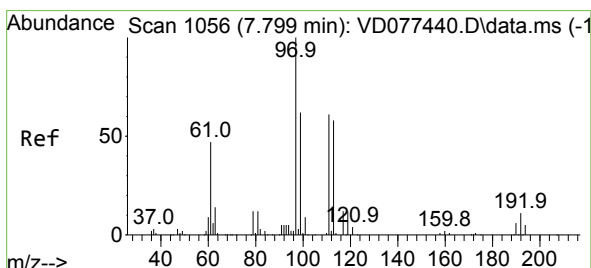
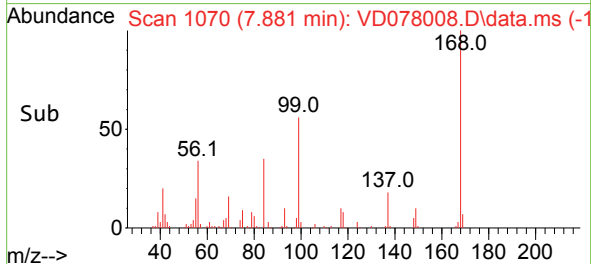
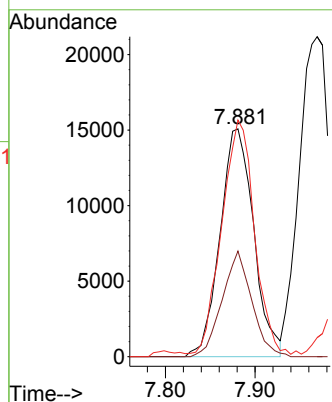
Tgt Ion: 56 Resp: 39303

Ion Ratio Lower Upper

56 100

69 46.3 28.6 43.0#

84 101.9 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 21.558 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

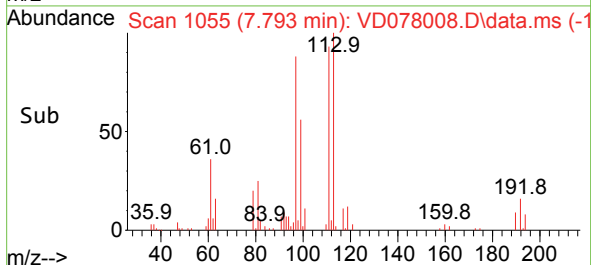
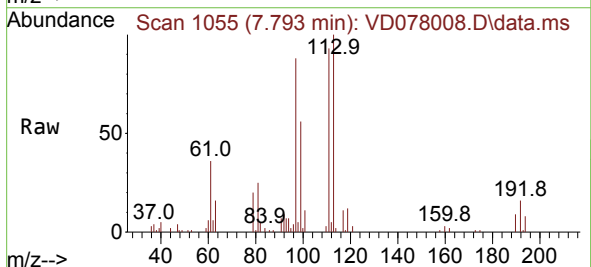
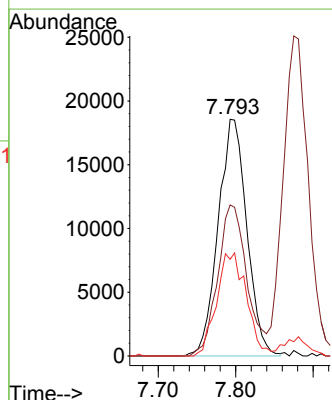
Tgt Ion: 97 Resp: 47802

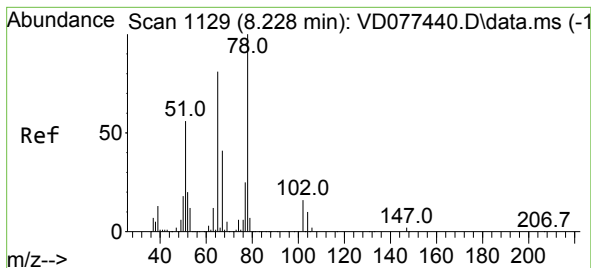
Ion Ratio Lower Upper

97 100

99 65.1 52.0 78.0

61 45.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 58.110 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

Instrument :

MSVOA_D

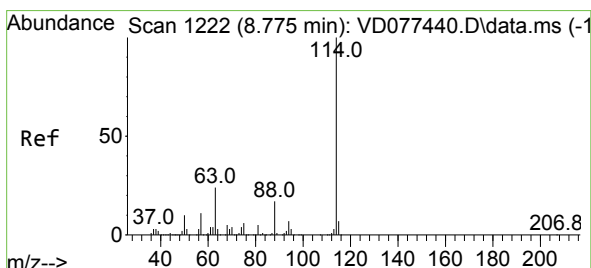
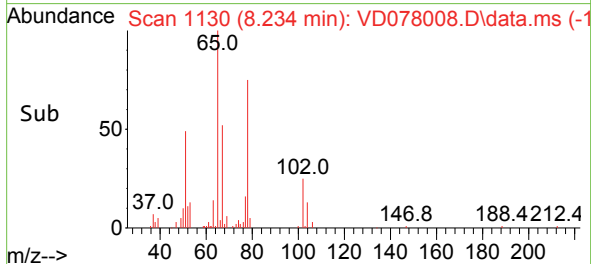
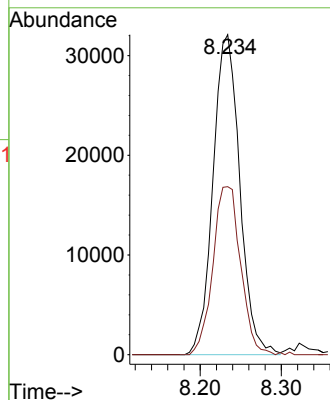
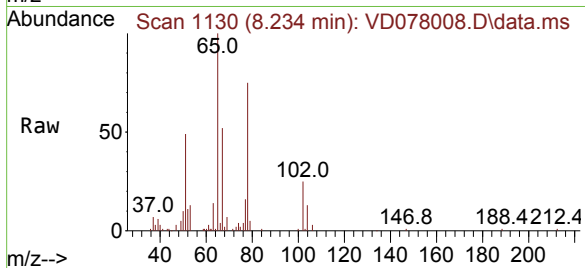
ClientSampleId :

Tgt Ion: 65 Resp: 73557

Ion Ratio Lower Upper

65 100

67 54.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

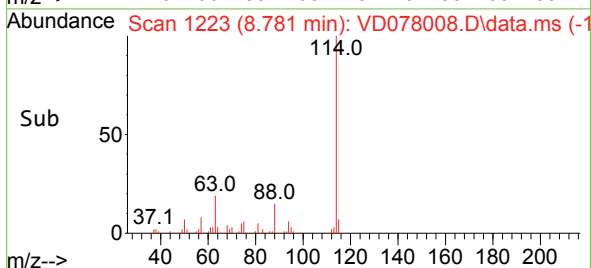
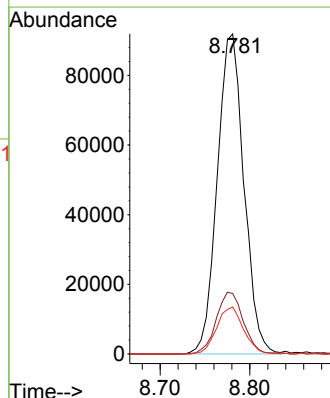
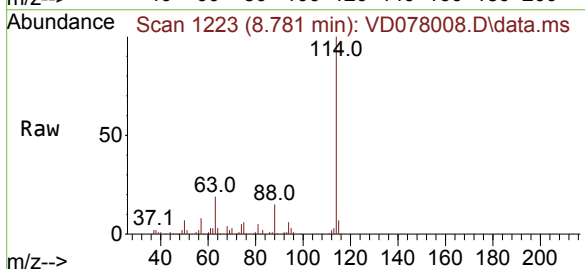
Tgt Ion: 114 Resp: 189651

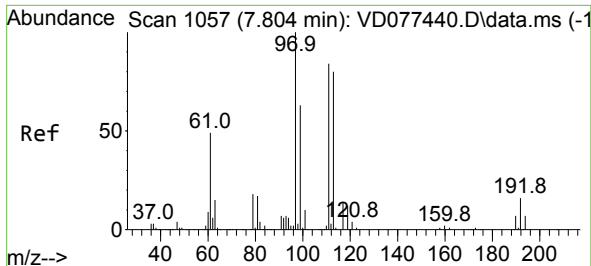
Ion Ratio Lower Upper

114 100

63 18.9 0.0 33.4

88 14.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 59.874 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

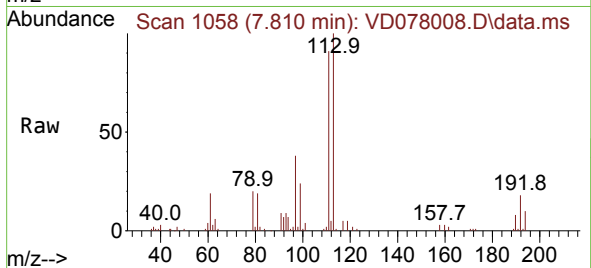
Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

Instrument :

MSVOA_D

ClientSampleId :



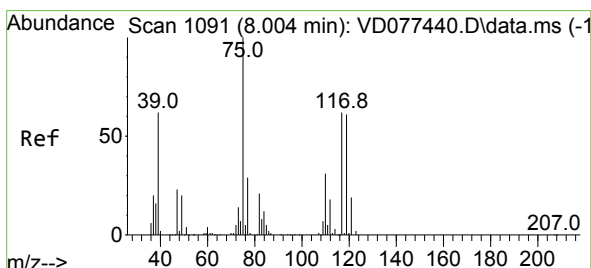
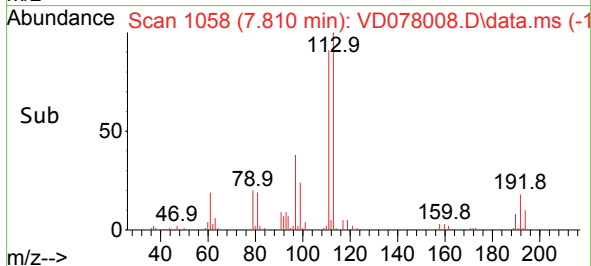
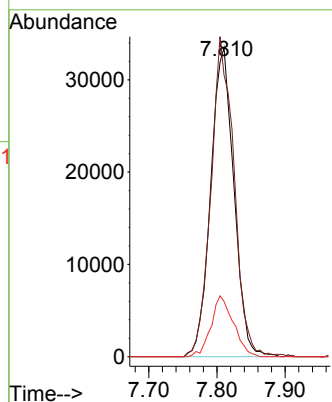
Tgt Ion:113 Resp: 79539

Ion Ratio Lower Upper

113 100

111 102.7 84.7 127.1

192 19.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 19.688 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

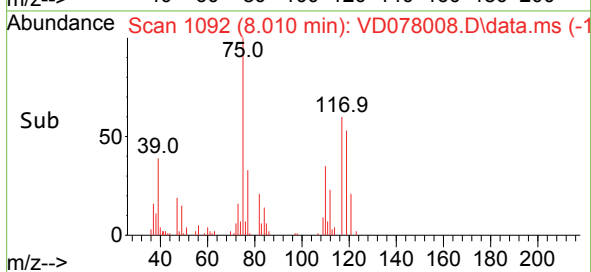
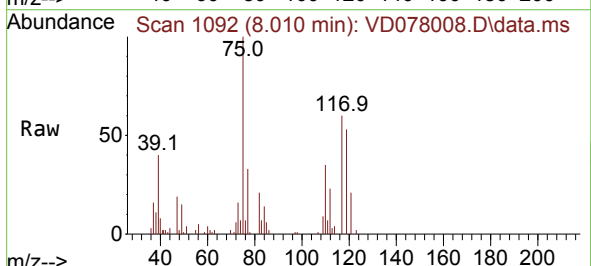
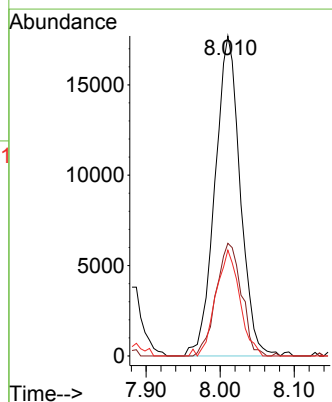
Tgt Ion: 75 Resp: 41836

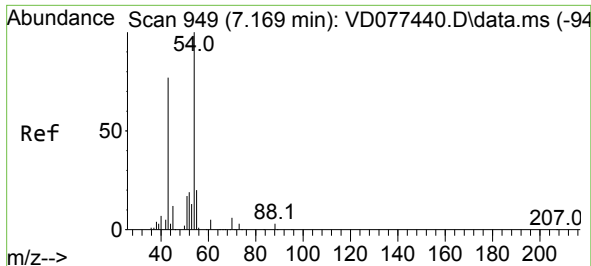
Ion Ratio Lower Upper

75 100

110 35.5 19.9 59.6

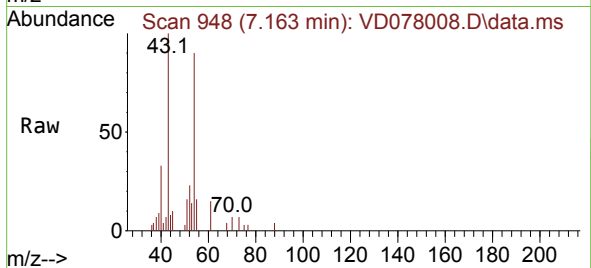
77 31.4 24.7 37.1



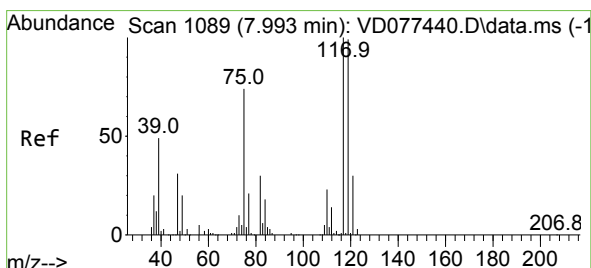
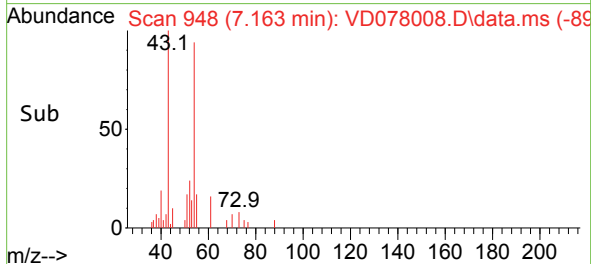
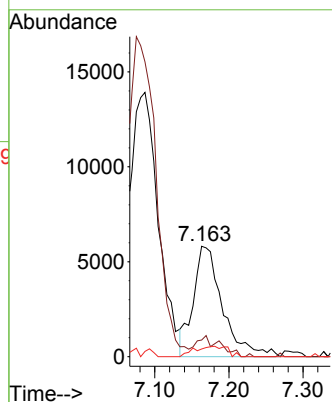


#37
Ethyl Acetate
Concen: 19.251 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

Instrument :
MSVOA_D
ClientSampleId :

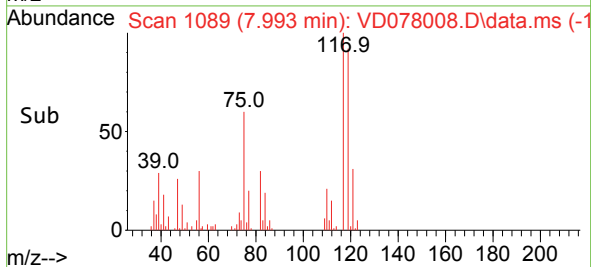
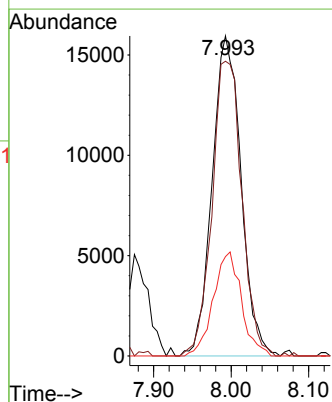
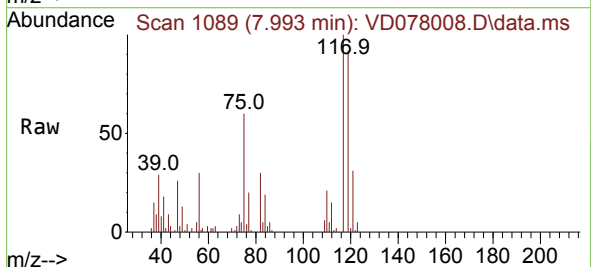


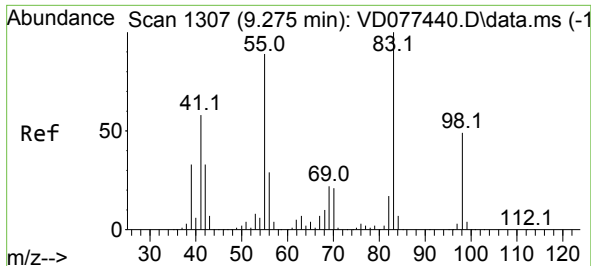
Tgt Ion: 43 Resp: 15950
Ion Ratio Lower Upper
43 100
61 15.1 14.9 22.3
70 10.6 10.0 15.0



#38
Carbon Tetrachloride
Concen: 19.479 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

Tgt Ion: 117 Resp: 41264
Ion Ratio Lower Upper
117 100
119 92.1 78.0 117.0
121 31.1 24.2 36.2

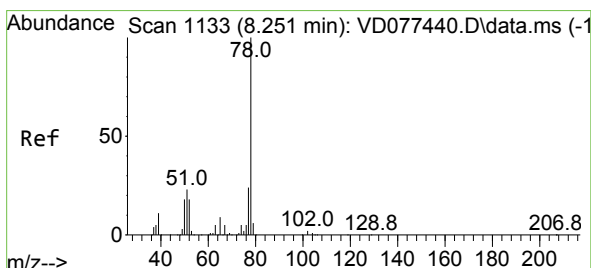
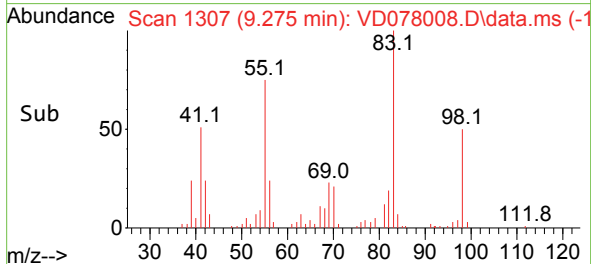
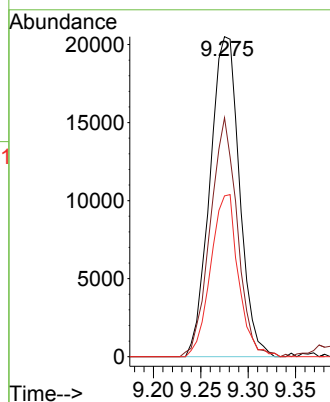
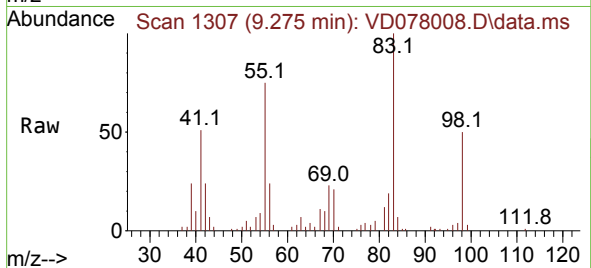




#39
Methylcyclohexane
Concen: 17.647 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

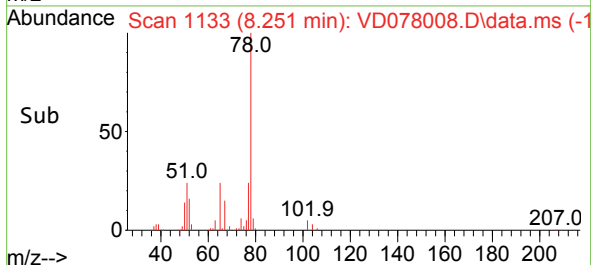
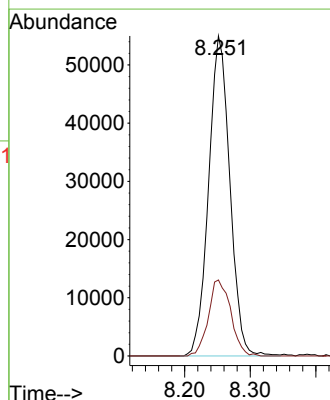
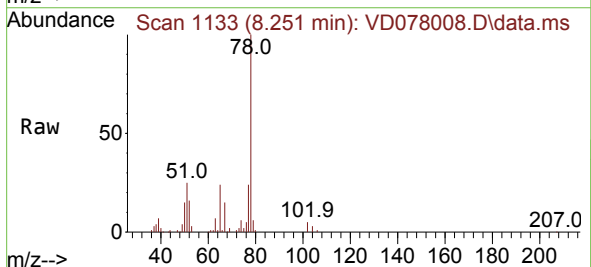
Instrument :
MSVOA_D
ClientSampleId :

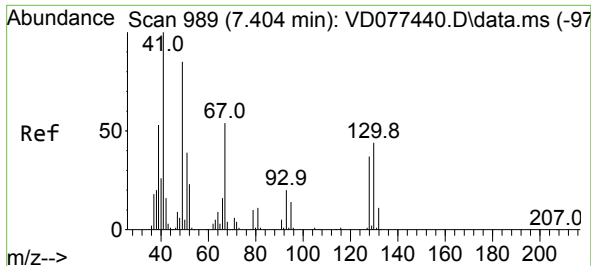
Tgt Ion: 83 Resp: 44454
Ion Ratio Lower Upper
83 100
55 74.6 49.4 74.0#
98 50.2 38.4 57.6



#40
Benzene
Concen: 20.521 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

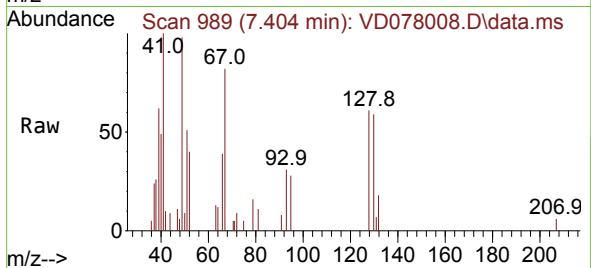
Tgt Ion: 78 Resp: 123761
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0



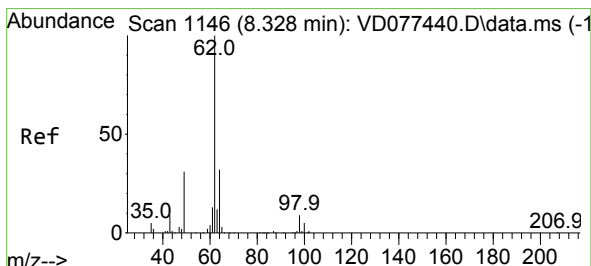
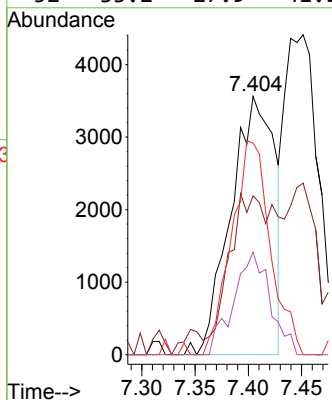
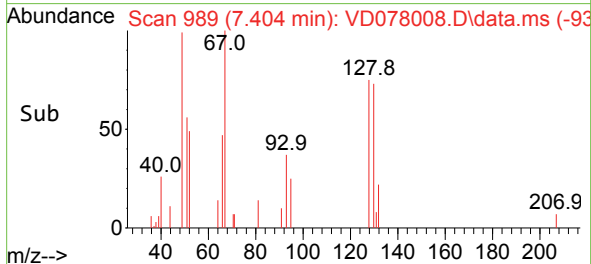


#41
Methacrylonitrile
Concen: 24.188 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

Instrument :
MSVOA_D
ClientSampleId :

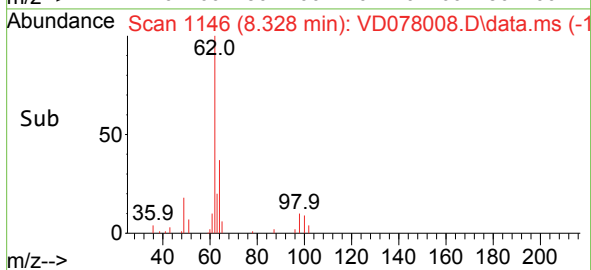
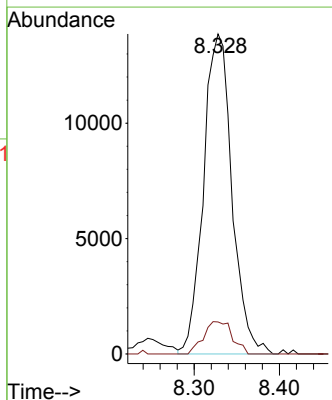
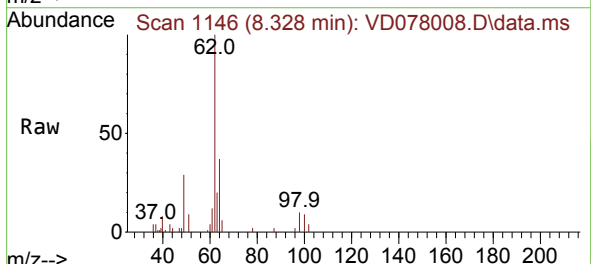


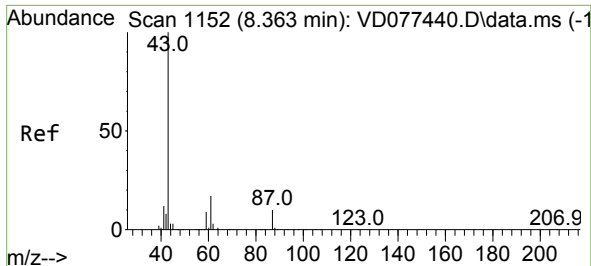
Tgt Ion: 41	Resp: 10186
Ion Ratio	Lower Upper
41 100	
39 43.6	34.0 51.0
67 73.1	77.0 115.4#
52 33.2	27.9 41.9



#42
1,2-Dichloroethane
Concen: 20.595 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

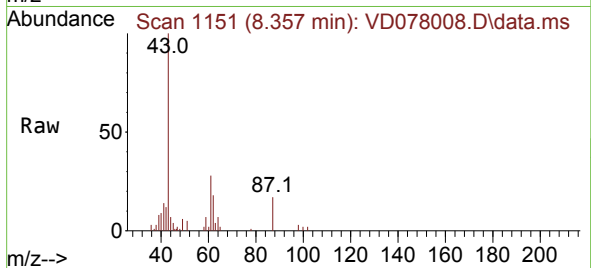
Tgt Ion: 62	Resp: 32196
Ion Ratio	Lower Upper
62 100	
98 10.2	0.0 25.4



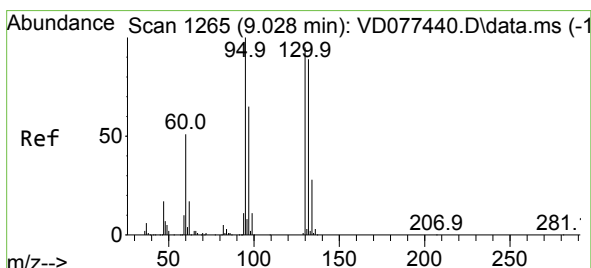
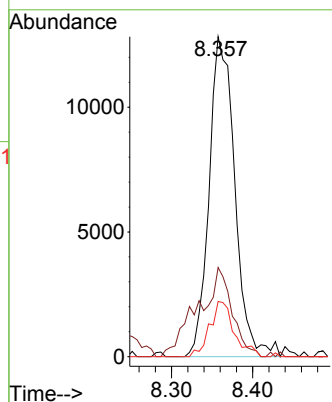
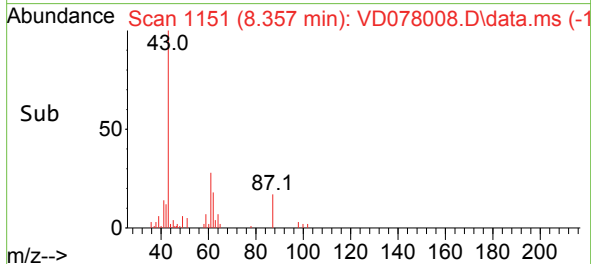


#43
Isopropyl Acetate
Concen: 19.158 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

Instrument :
MSVOA_D
ClientSampleId :

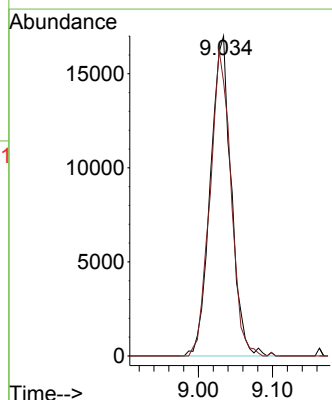
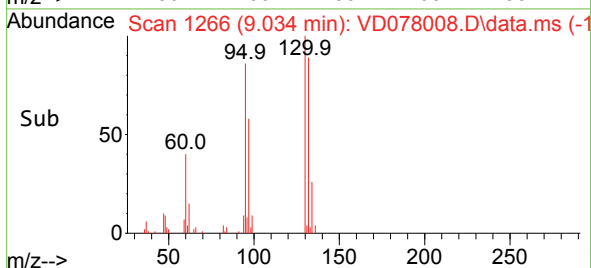
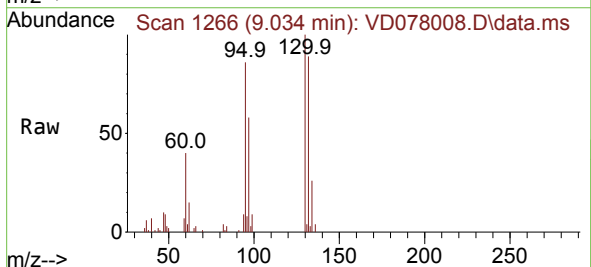


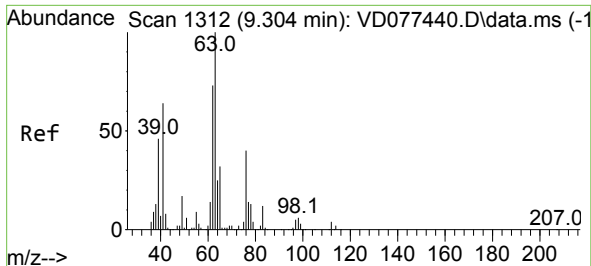
Tgt Ion: 43 Resp: 28217
Ion Ratio Lower Upper
43 100
61 37.2 31.4 47.0
87 16.3 14.9 22.3



#44
Trichloroethene
Concen: 21.087 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

Tgt Ion:130 Resp: 33141
Ion Ratio Lower Upper
130 100
95 85.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 22.040 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

Instrument :

MSVOA_D

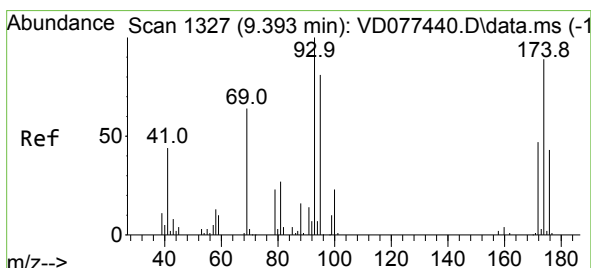
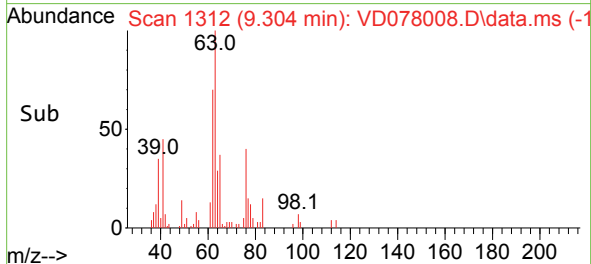
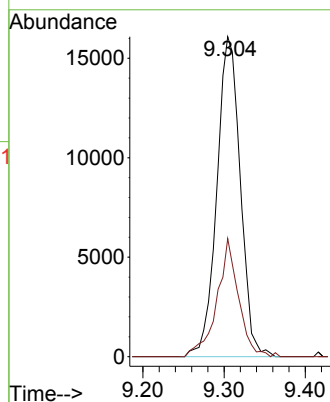
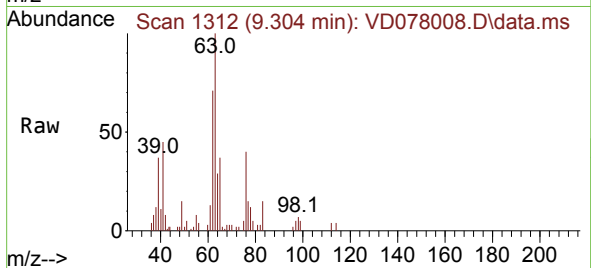
ClientSampleId :

Tgt Ion: 63 Resp: 32313

Ion Ratio Lower Upper

63 100

65 36.9 24.5 36.7#



#46

Dibromomethane

Concen: 22.647 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

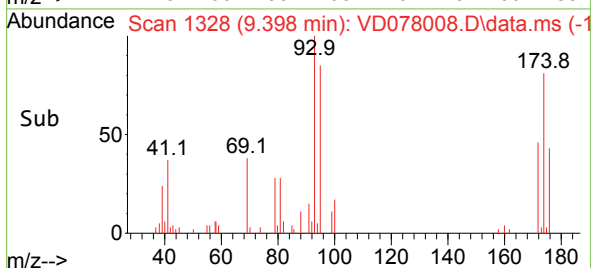
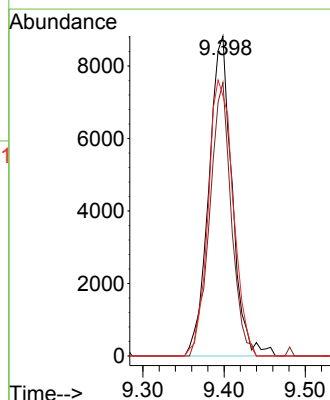
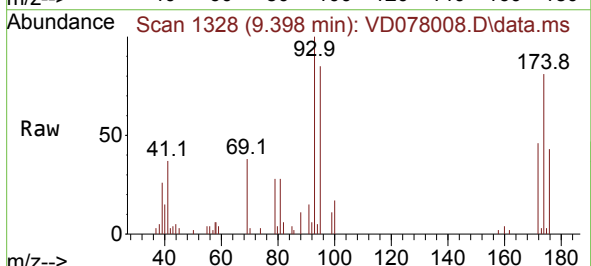
Tgt Ion: 93 Resp: 17568

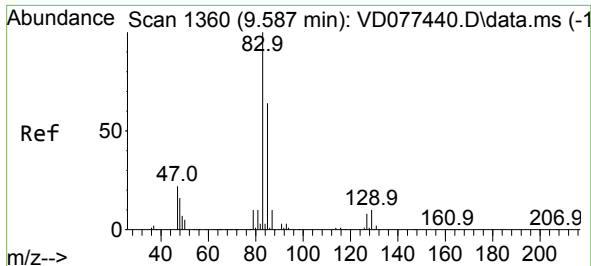
Ion Ratio Lower Upper

93 100

95 79.3 67.7 101.5

174 92.5 85.4 128.2





#47

Bromodichloromethane

Concen: 22.638 ug/l

RT: 9.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

Instrument :

MSVOA_D

ClientSampleId :

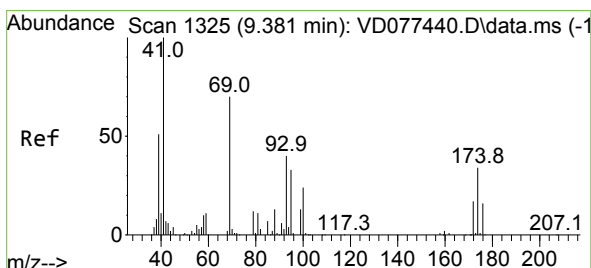
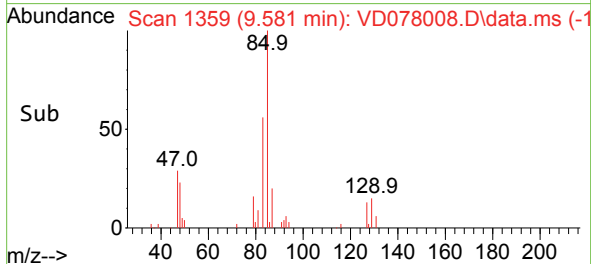
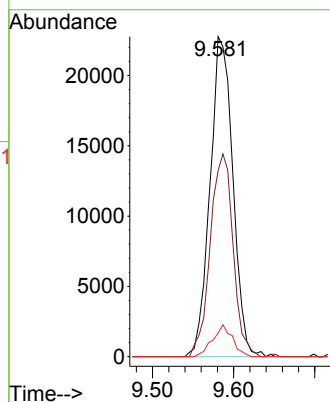
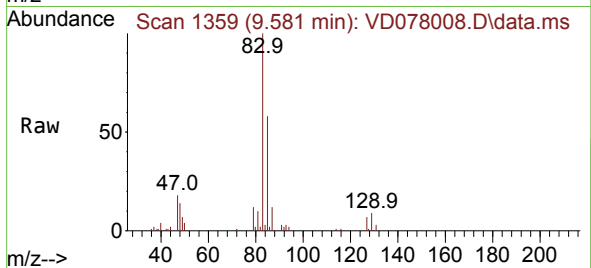
Tgt Ion: 83 Resp: 44512

Ion Ratio Lower Upper

83 100

85 58.2 50.2 75.4

127 7.4 6.3 9.5



#48

Methyl methacrylate

Concen: 19.981 ug/l

RT: 9.375 min Scan# 1324

Delta R.T. -0.006 min

Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

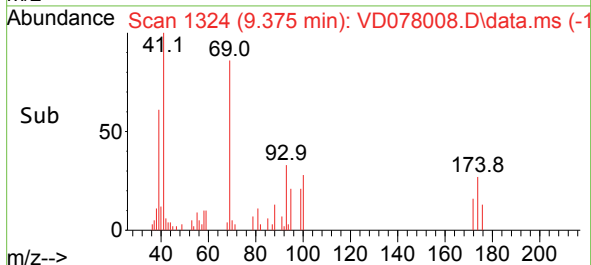
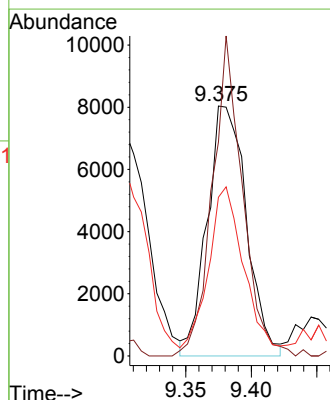
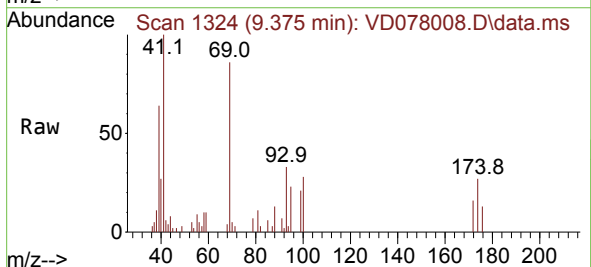
Tgt Ion: 41 Resp: 16729

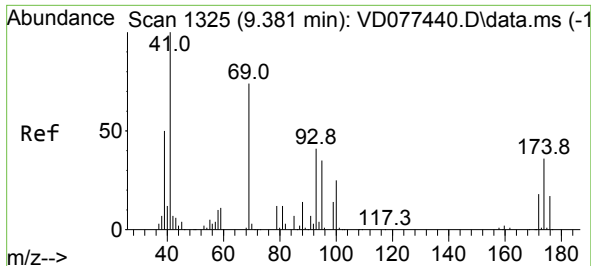
Ion Ratio Lower Upper

41 100

69 98.1 102.2 153.2#

39 56.2 41.4 62.2





#49

1,4-Dioxane

Concen: 405.825 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

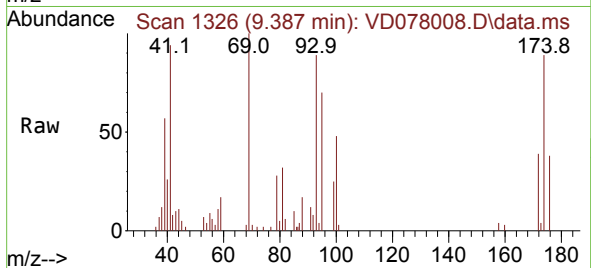
Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

Instrument :

MSVOA_D

ClientSampleId :



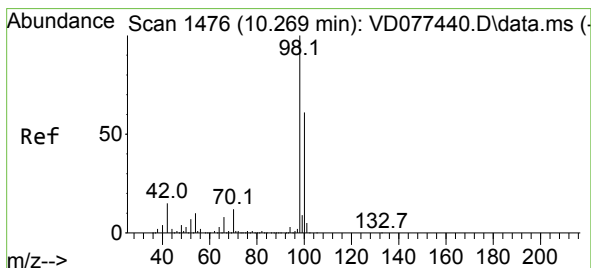
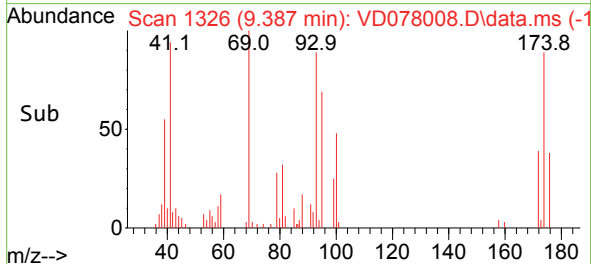
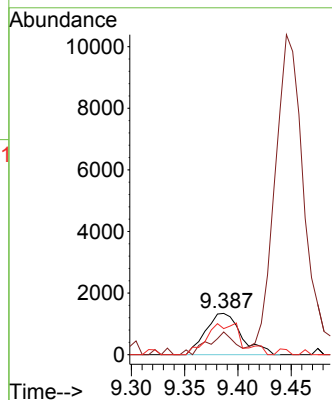
Tgt Ion: 88 Resp: 3126

Ion Ratio Lower Upper

88 100

43 40.0 19.0 28.6#

58 67.0 43.5 65.3#



#50

Toluene-d8

Concen: 58.166 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078008.D

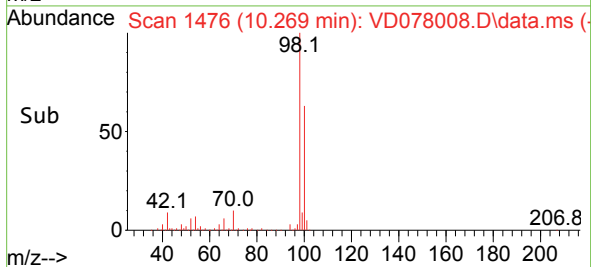
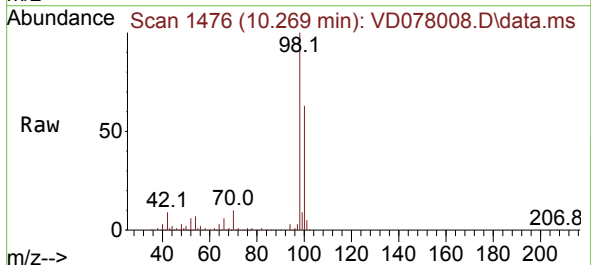
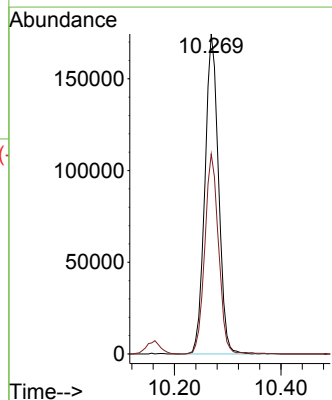
Acq: 20 Dec 2023 22:37

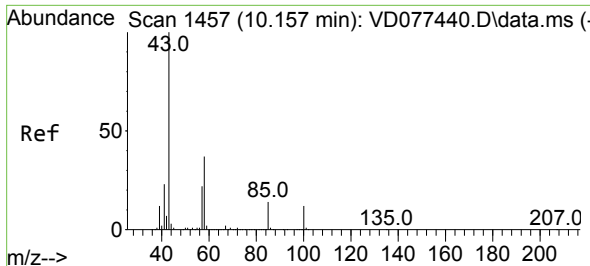
Tgt Ion: 98 Resp: 309478

Ion Ratio Lower Upper

98 100

100 62.8 50.3 75.5

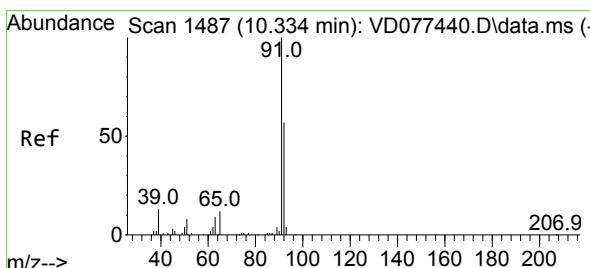
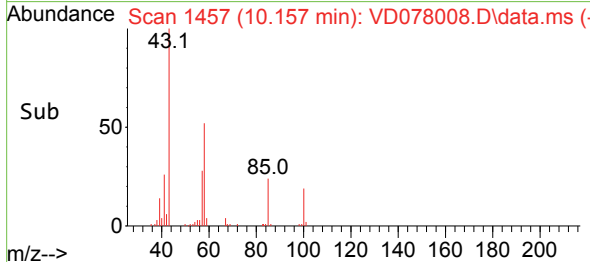
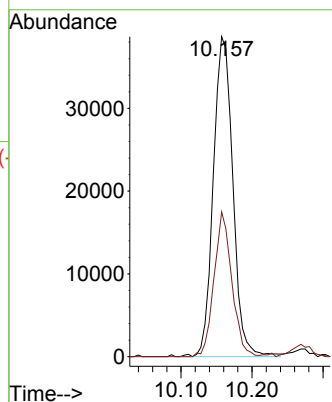
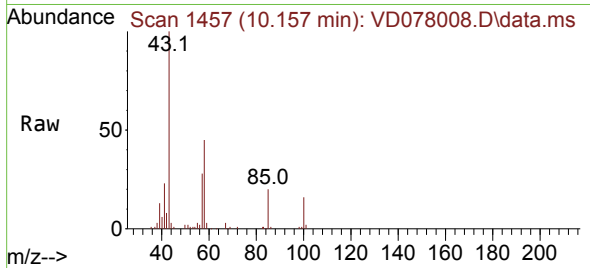




#51
4-Methyl-2-Pentanone
Concen: 98.320 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

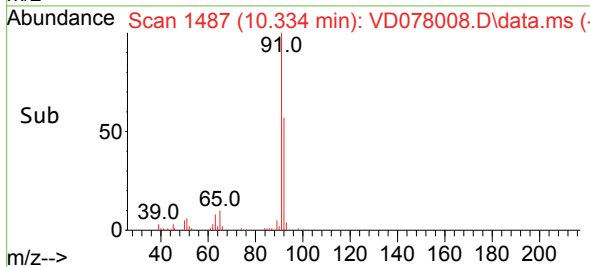
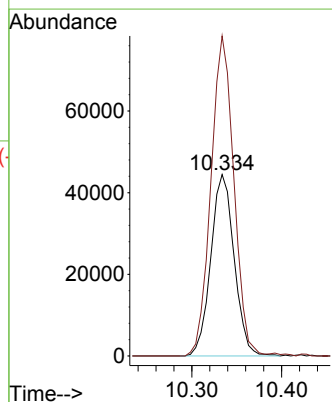
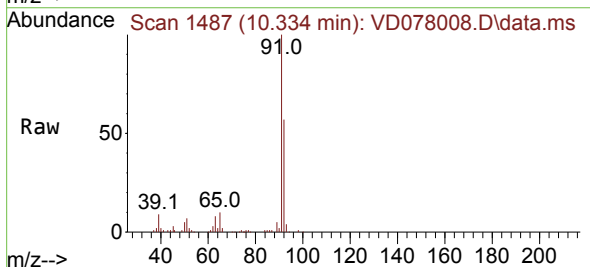
Instrument :
MSVOA_D
ClientSampleId :

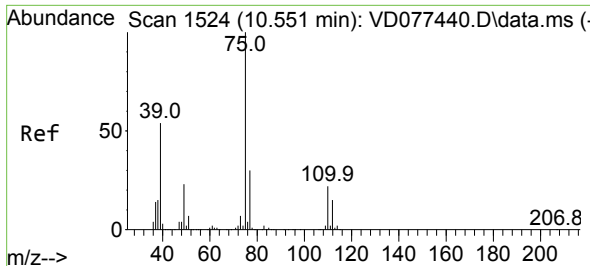
Tgt Ion: 43 Resp: 73906
Ion Ratio Lower Upper
43 100
58 41.3 38.9 58.3



#52
Toluene
Concen: 21.475 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

Tgt Ion: 92 Resp: 80340
Ion Ratio Lower Upper
92 100
91 172.9 143.0 214.4

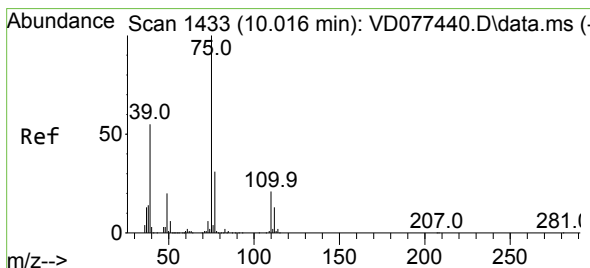
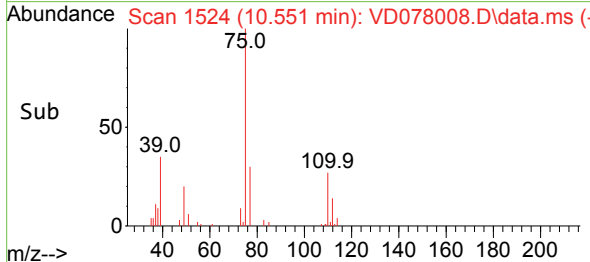
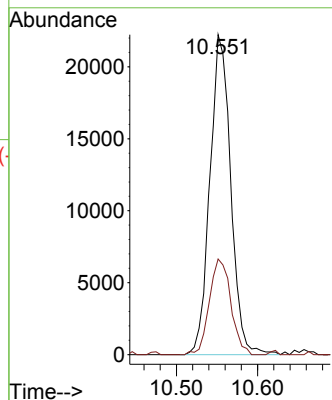
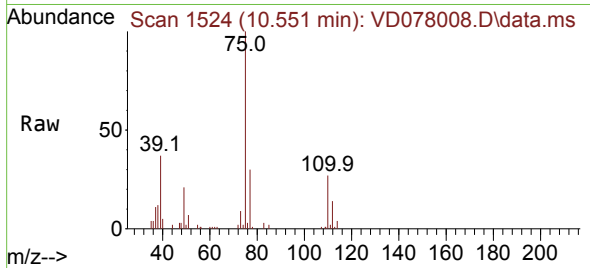




#53
t-1,3-Dichloropropene
Concen: 20.991 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

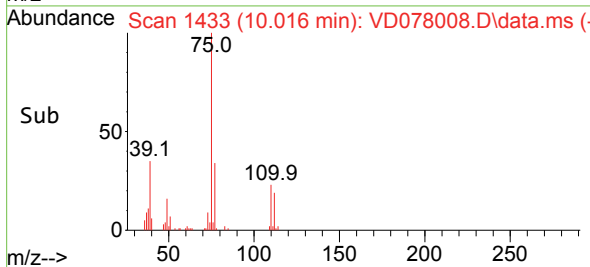
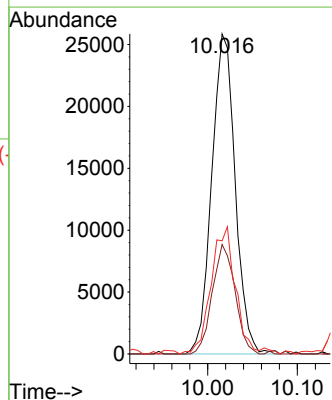
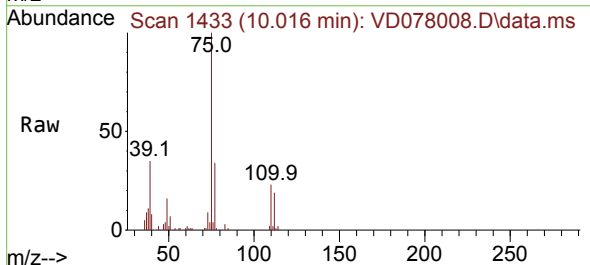
Instrument :
MSVOA_D
ClientSampleId :

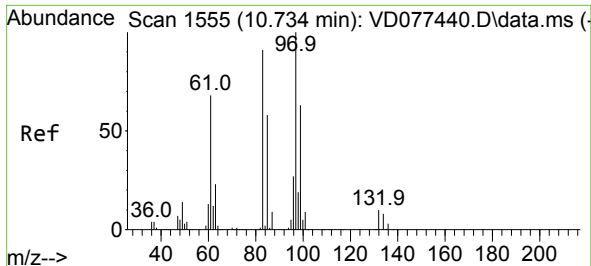
Tgt Ion: 75 Resp: 39634
Ion Ratio Lower Upper
75 100
77 29.9 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 20.568 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

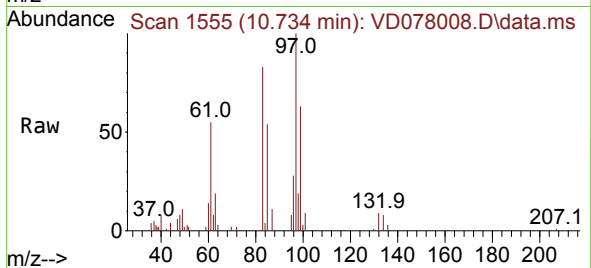
Tgt Ion: 75 Resp: 46953
Ion Ratio Lower Upper
75 100
77 34.2 25.5 38.3
39 35.3 22.1 33.1#



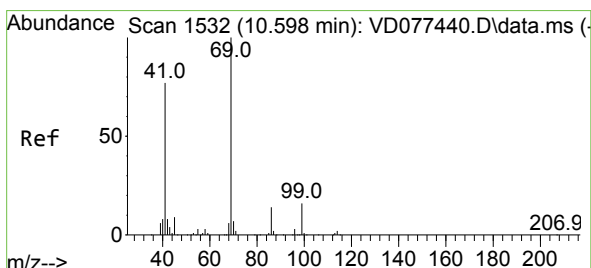
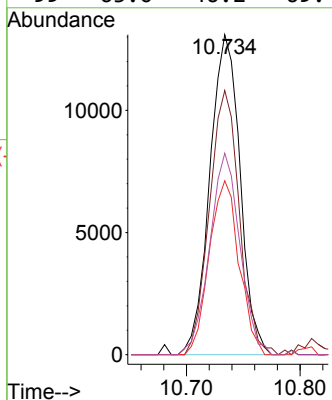
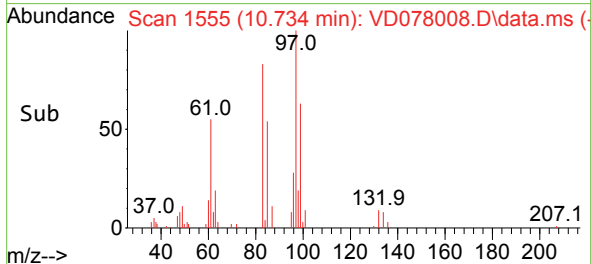


#55
1,1,2-Trichloroethane
Concen: 22.837 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

Instrument :
MSVOA_D
ClientSampleId :

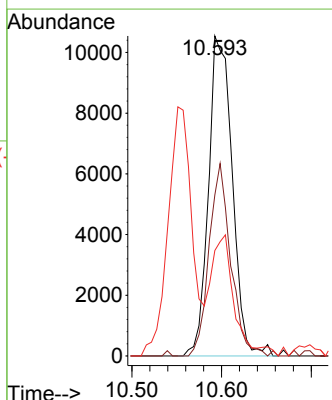
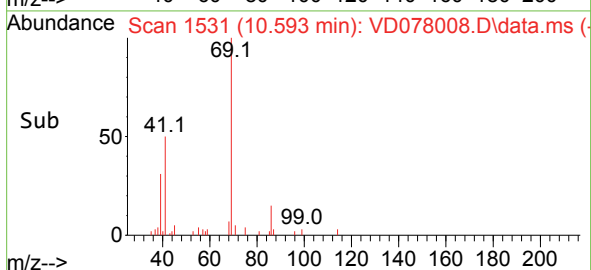
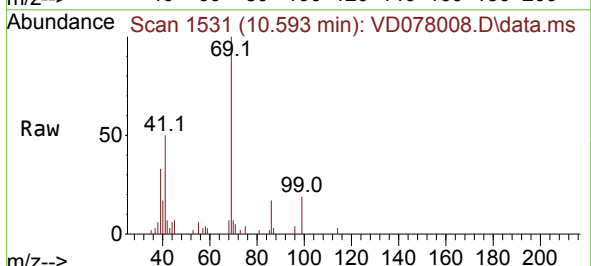


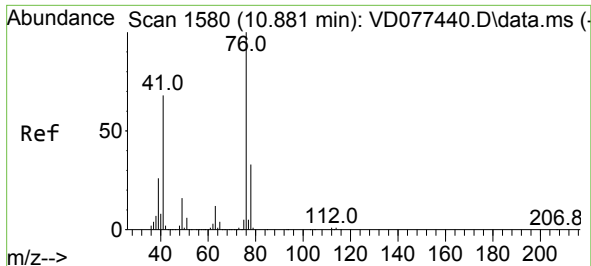
Tgt Ion:	97	Resp:	24232
Ion	Ratio	Lower	Upper
97	100		
83	82.6	65.8	98.6
85	54.4	45.7	68.5
99	63.0	46.2	69.4



#56
Ethyl methacrylate
Concen: 20.758 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.005 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

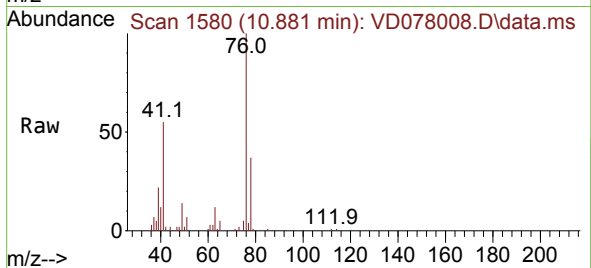
Tgt Ion:	69	Resp:	19417
Ion	Ratio	Lower	Upper
69	100		
41	55.0	39.1	58.7
39	31.3	20.0	30.0#



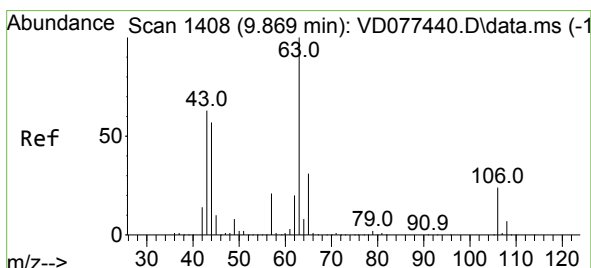
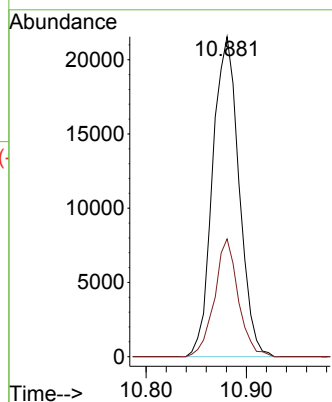
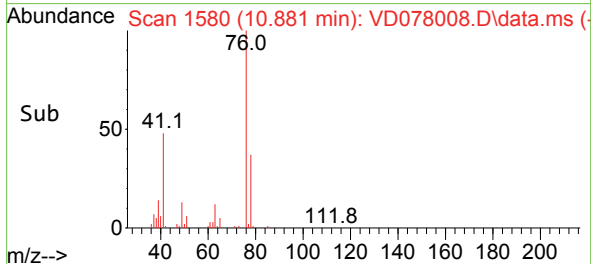


#57
1,3-Dichloropropane
Concen: 21.543 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

Instrument :
MSVOA_D
ClientSampleId :

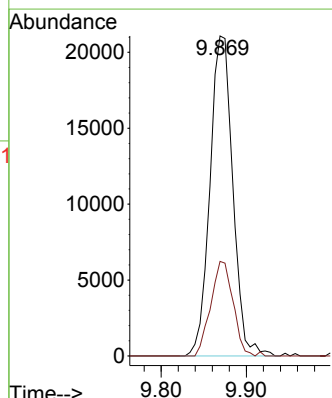
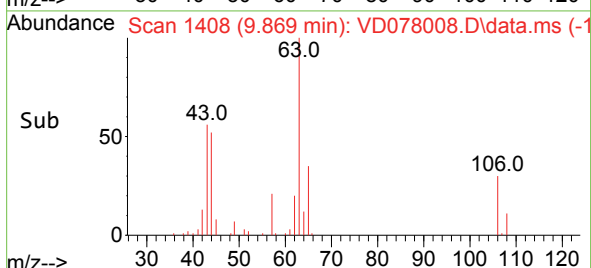
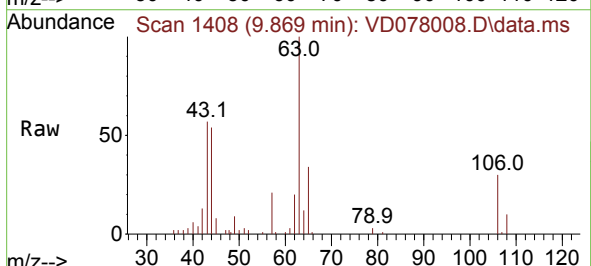


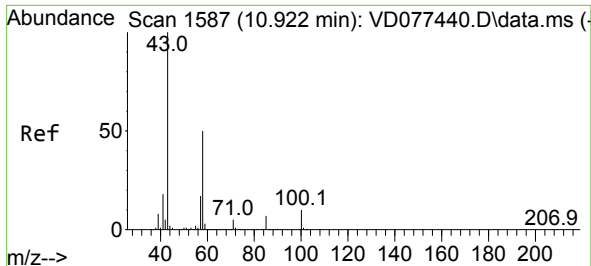
Tgt Ion: 76 Resp: 39402
Ion Ratio Lower Upper
76 100
78 33.2 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 73.572 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

Tgt Ion: 63 Resp: 39245
Ion Ratio Lower Upper
63 100
106 28.7 25.3 37.9

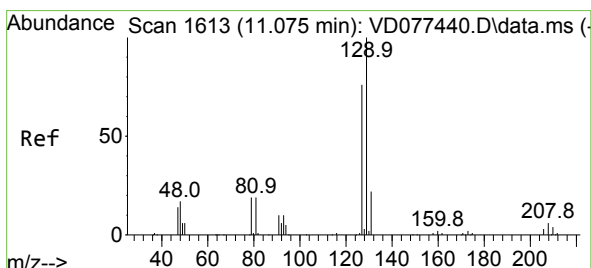
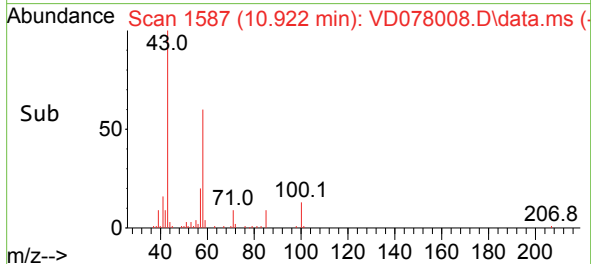
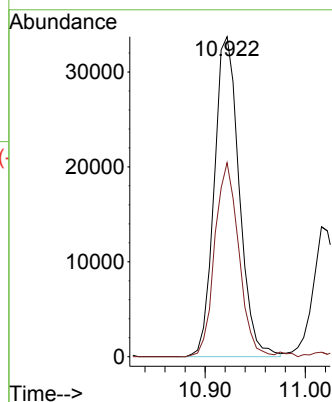
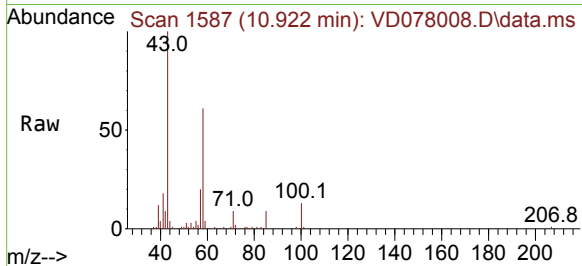




#59
2-Hexanone
Concen: 93.411 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

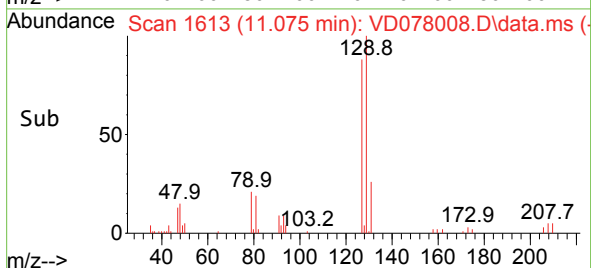
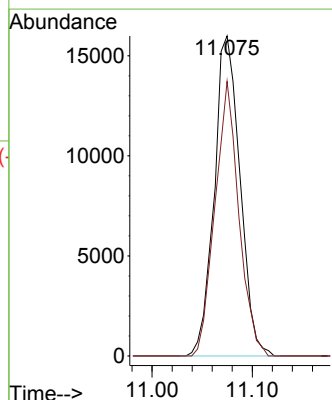
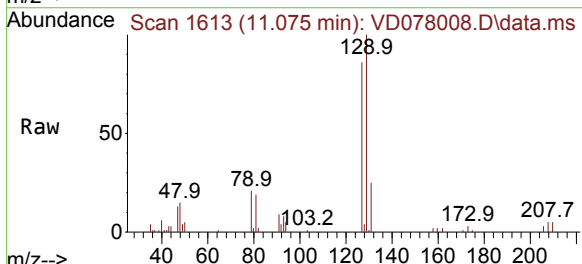
Instrument :
MSVOA_D
ClientSampleId :

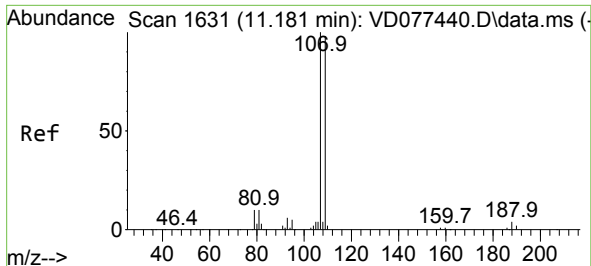
Tgt Ion: 43 Resp: 58254
Ion Ratio Lower Upper
43 100
58 58.5 34.1 102.2



#60
Dibromochloromethane
Concen: 22.369 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

Tgt Ion: 129 Resp: 28577
Ion Ratio Lower Upper
129 100
127 79.3 37.1 111.5

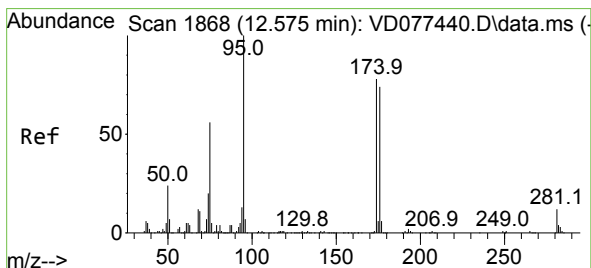
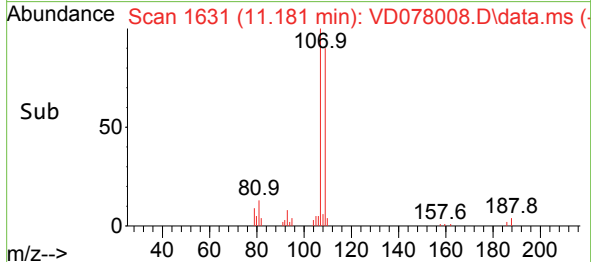
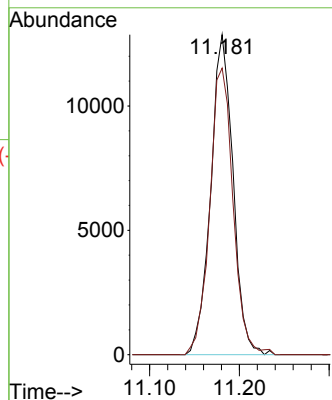
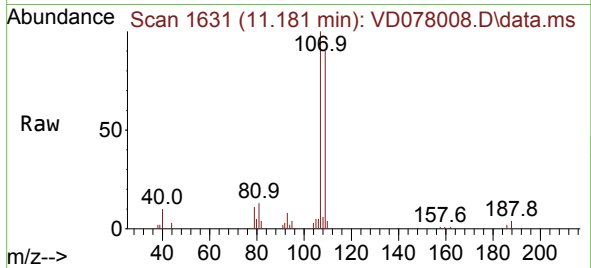




#61
1,2-Dibromoethane
Concen: 22.286 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

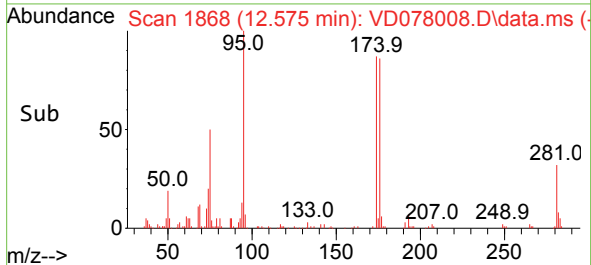
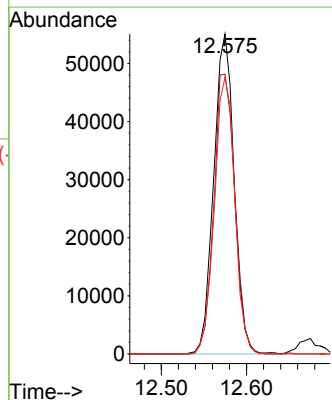
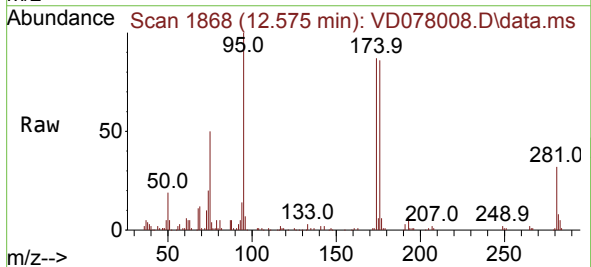
Instrument :
MSVOA_D
ClientSampleId :

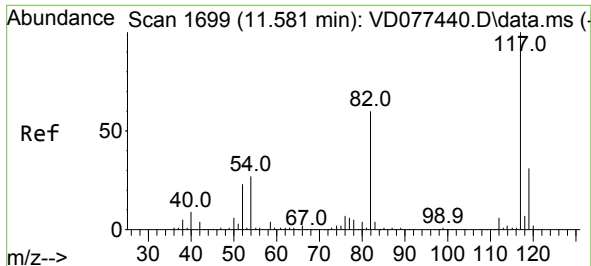
Tgt Ion:107 Resp: 22260
Ion Ratio Lower Upper
107 100
109 93.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 57.535 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

Tgt Ion: 95 Resp: 91522
Ion Ratio Lower Upper
95 100
174 90.8 0.0 201.8
176 86.1 0.0 191.8

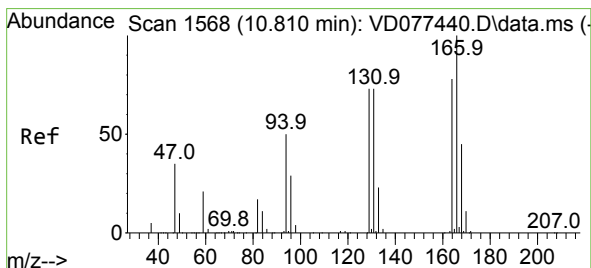
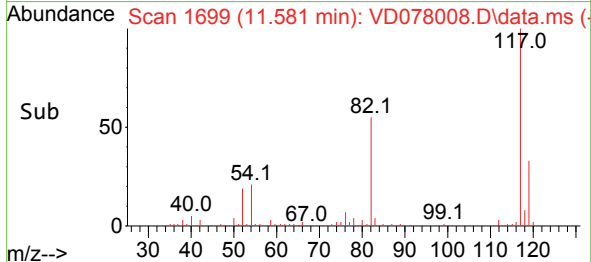
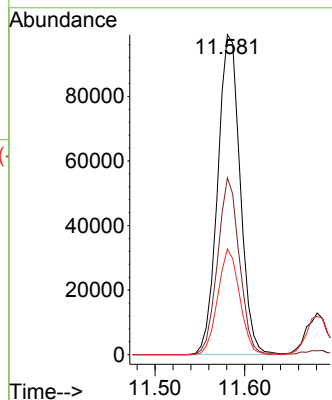
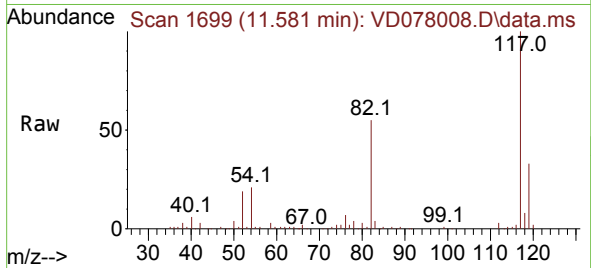




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

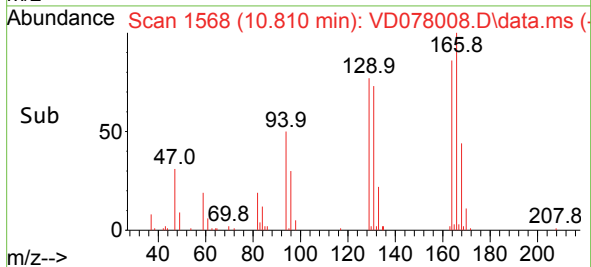
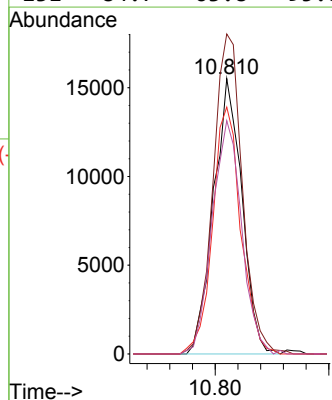
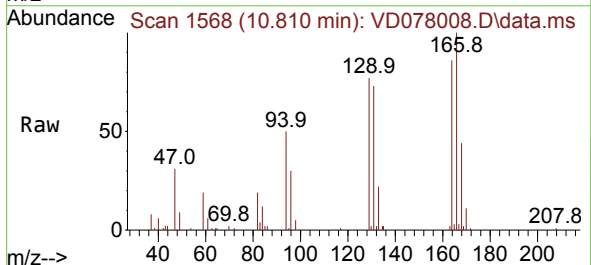
Instrument :
MSVOA_D
ClientSampleId :

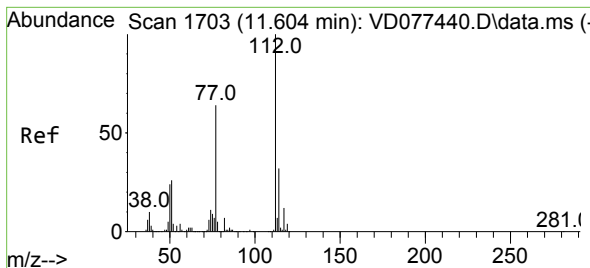
Tgt Ion:117 Resp: 172454
Ion Ratio Lower Upper
117 100
82 55.2 38.3 57.5
119 33.1 25.0 37.4



#64
Tetrachloroethene
Concen: 21.174 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

Tgt Ion:164 Resp: 26838
Ion Ratio Lower Upper
164 100
166 116.2 99.2 148.8
129 89.7 68.4 102.6
131 84.7 63.8 95.8





#65

Chlorobenzene

Concen: 19.519 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

Instrument :

MSVOA_D

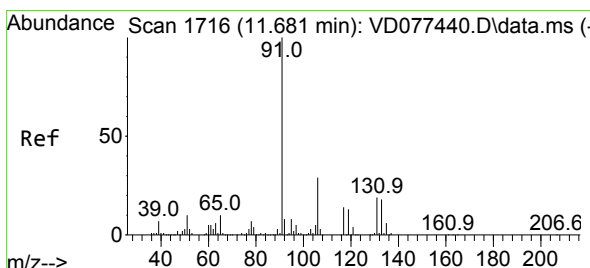
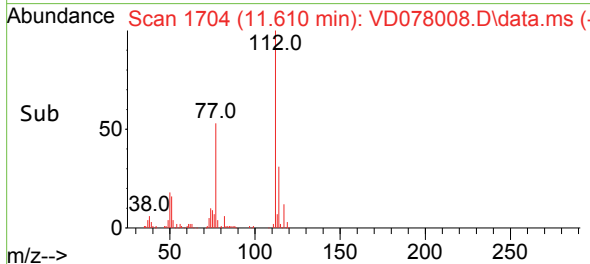
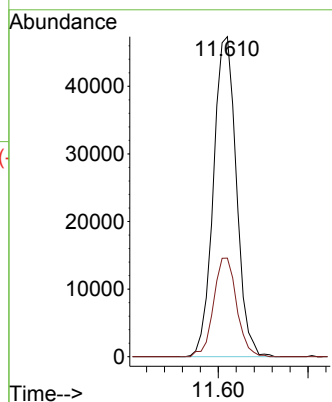
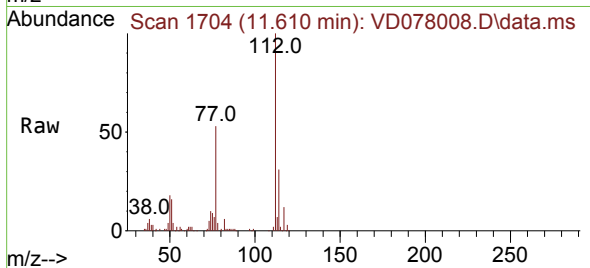
ClientSampleId :

Tgt Ion:112 Resp: 83953

Ion Ratio Lower Upper

112 100

114 30.8 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 21.141 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

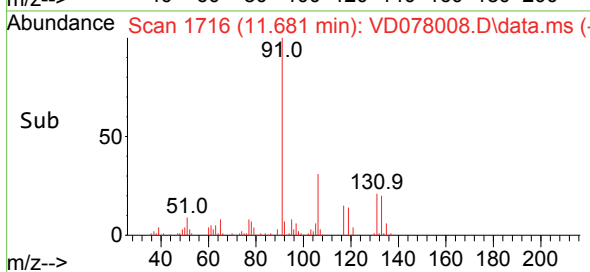
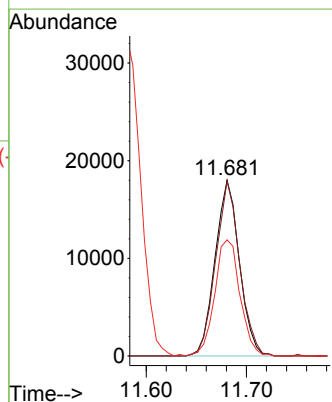
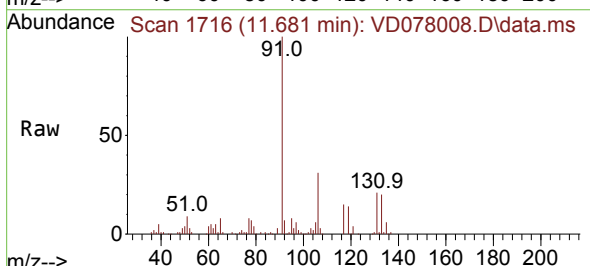
Tgt Ion:131 Resp: 30317

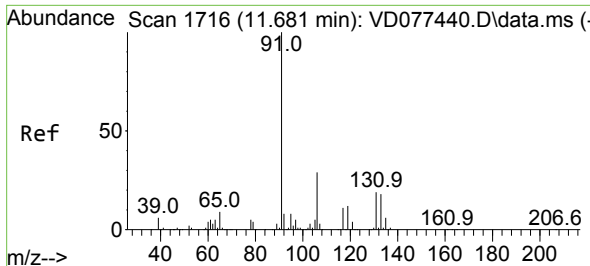
Ion Ratio Lower Upper

131 100

133 98.3 48.5 145.5

119 68.8 35.6 106.9

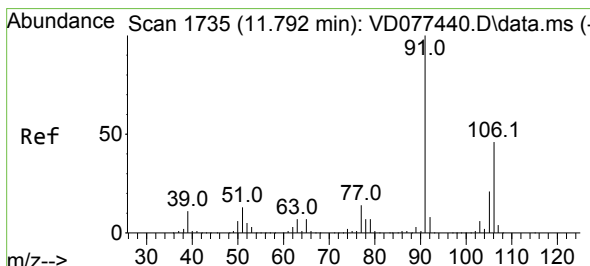
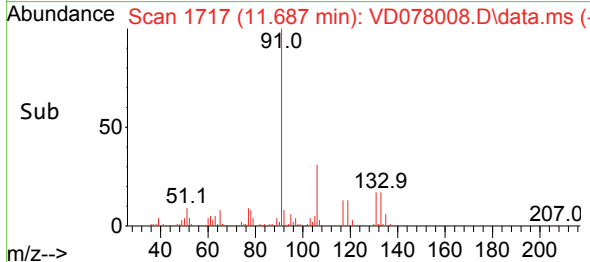
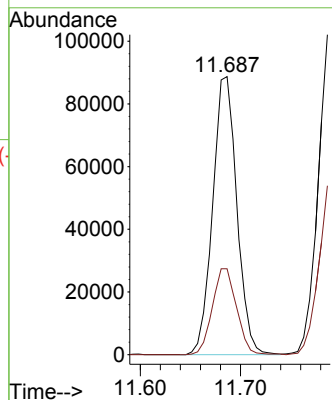
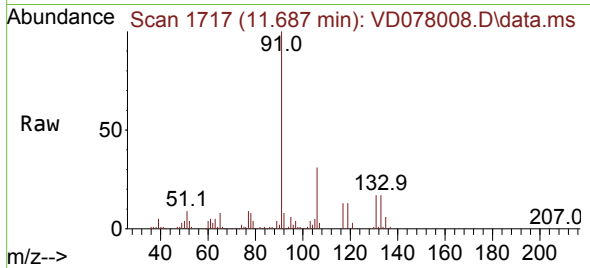




#67
Ethyl Benzene
Concen: 20.697 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

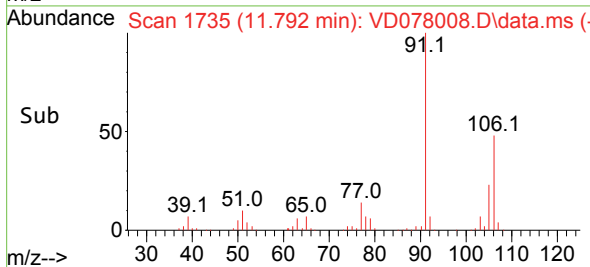
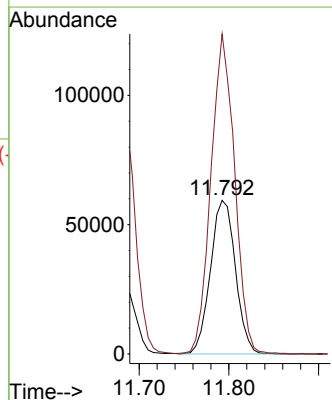
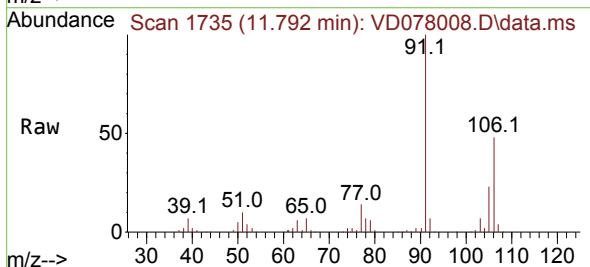
Instrument :
MSVOA_D
ClientSampleId :

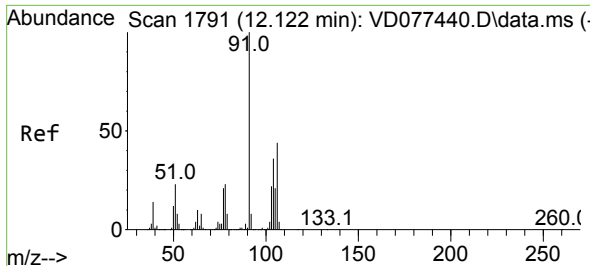
Tgt Ion: 91 Resp: 148601
Ion Ratio Lower Upper
91 100
106 30.9 26.5 39.7



#68
m/p-Xylenes
Concen: 41.870 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

Tgt Ion:106 Resp: 114988
Ion Ratio Lower Upper
106 100
91 197.6 147.0 220.6

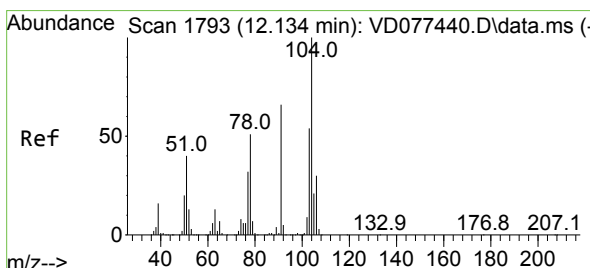
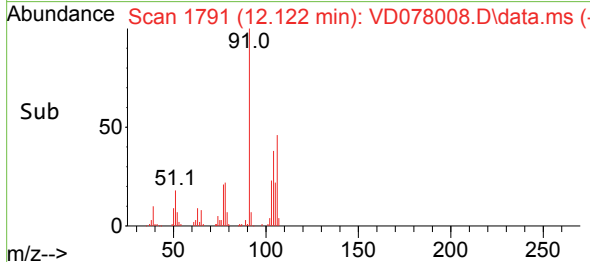
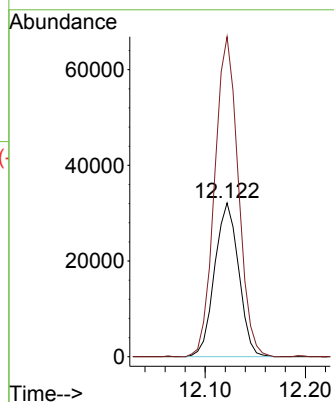
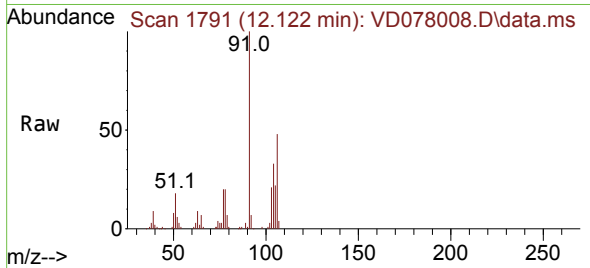




#69
o-Xylene
Concen: 21.151 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

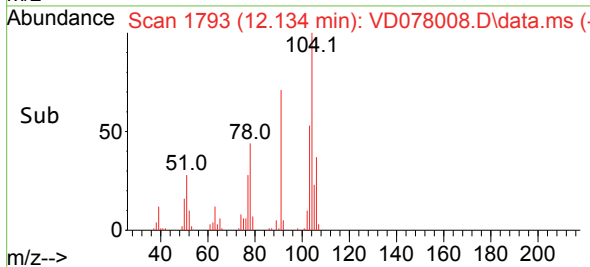
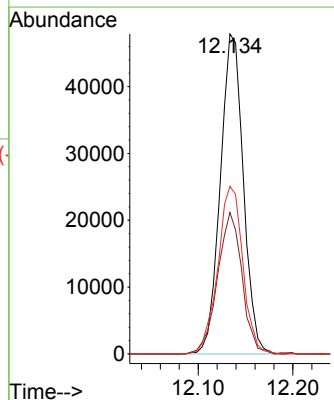
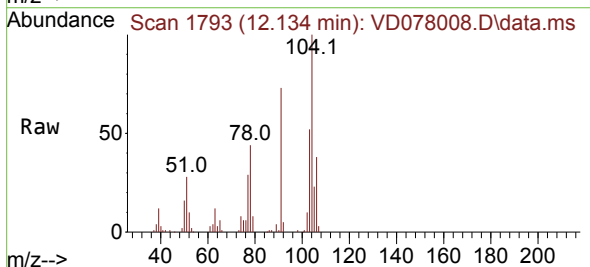
Instrument :
MSVOA_D
ClientSampleId :

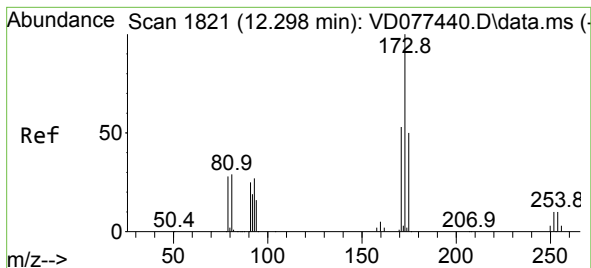
Tgt Ion:106 Resp: 53534
Ion Ratio Lower Upper
106 100
91 204.4 97.9 293.6



#70
Styrene
Concen: 21.493 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

Tgt Ion:104 Resp: 80891
Ion Ratio Lower Upper
104 100
78 47.1 33.2 49.8
103 56.9 43.6 65.4





#71

Bromoform

Concen: 20.743 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

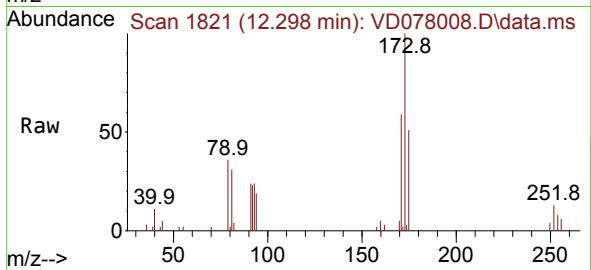
Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

Instrument :

MSVOA_D

ClientSampleId :



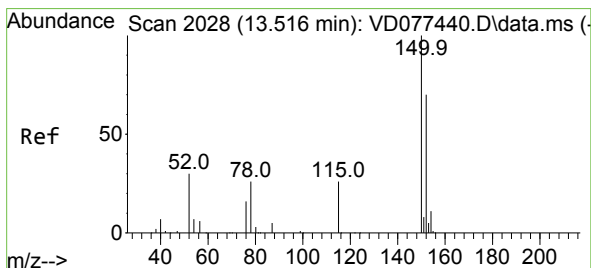
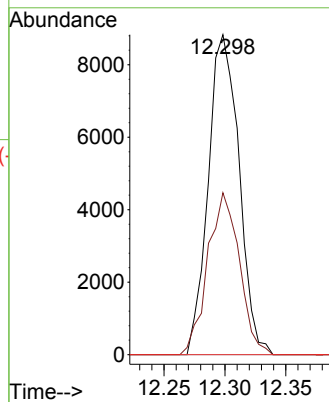
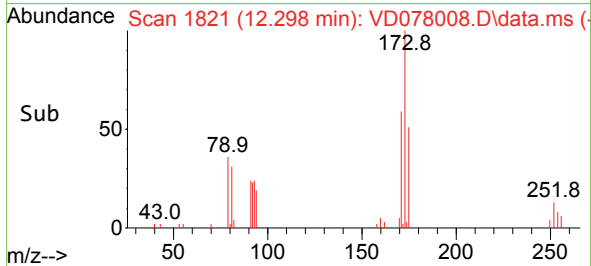
Tgt Ion:173 Resp: 15543

Ion Ratio Lower Upper

173 100

175 52.0 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

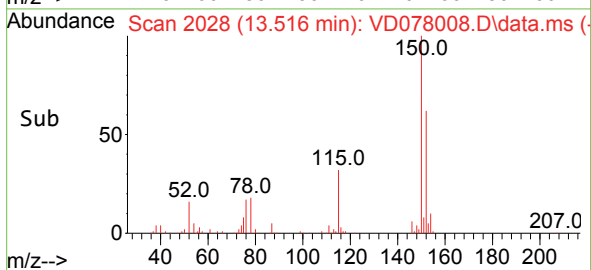
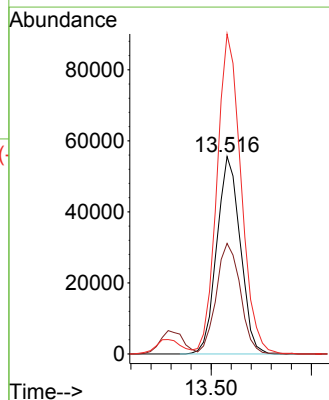
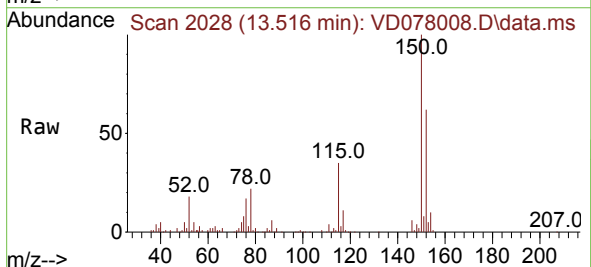
Tgt Ion:152 Resp: 90192

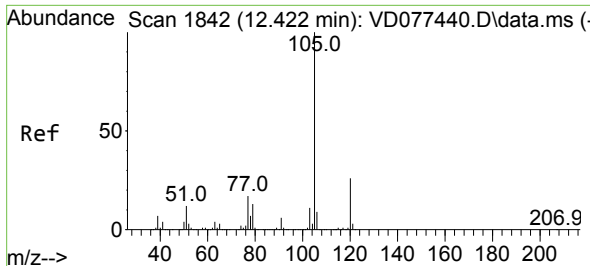
Ion Ratio Lower Upper

152 100

115 57.7 27.1 81.3

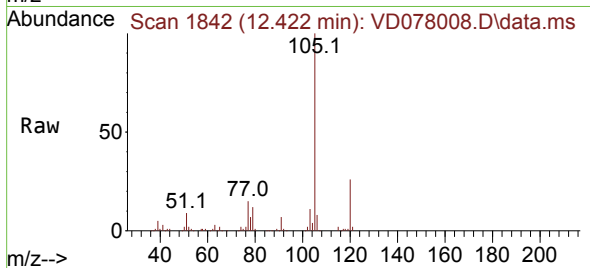
150 167.3 0.0 353.6



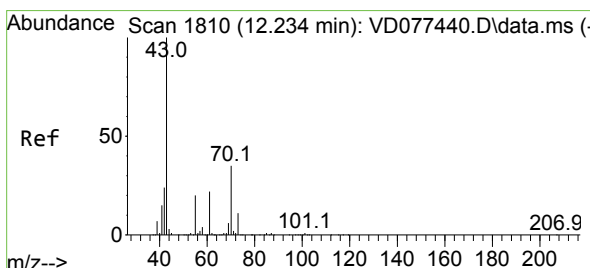
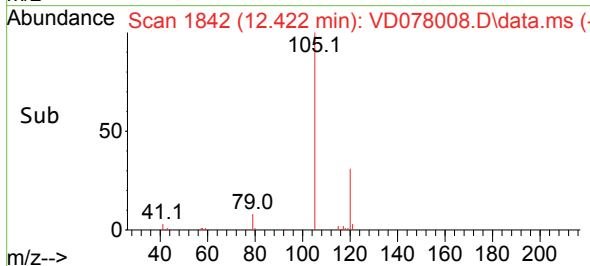
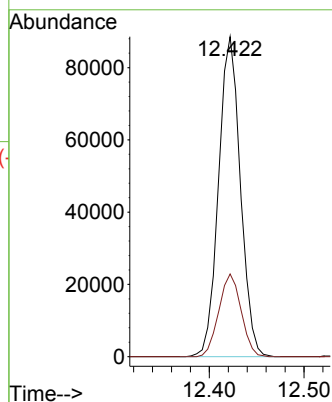


#73
Isopropylbenzene
Concen: 20.758 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

Instrument :
MSVOA_D
ClientSampleId :

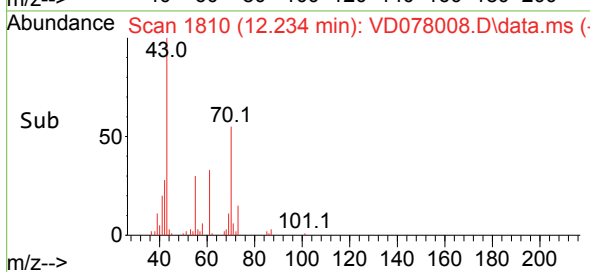
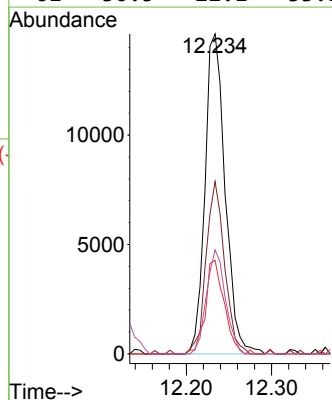
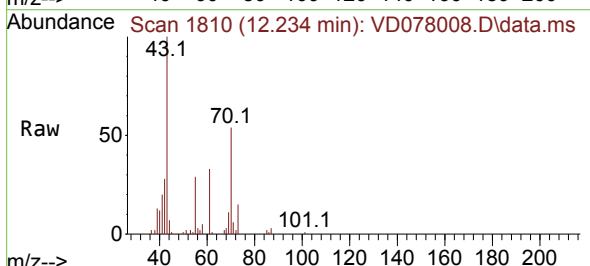


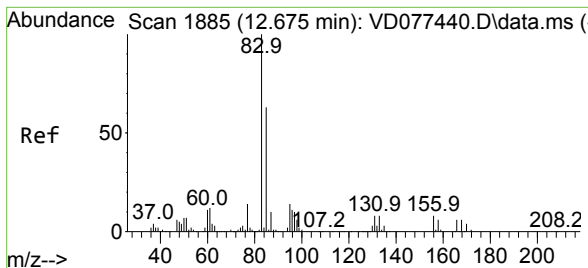
Tgt Ion:105 Resp: 141894
Ion Ratio Lower Upper
105 100
120 26.4 14.3 42.9



#74
N-ethyl acetate
Concen: 17.950 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

Tgt Ion: 43 Resp: 24119
Ion Ratio Lower Upper
43 100
70 49.3 45.0 67.4
55 27.3 23.8 35.6
61 30.5 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 23.557 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

Instrument :

MSVOA_D

ClientSampleId :

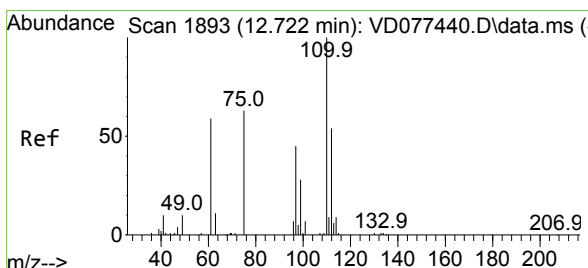
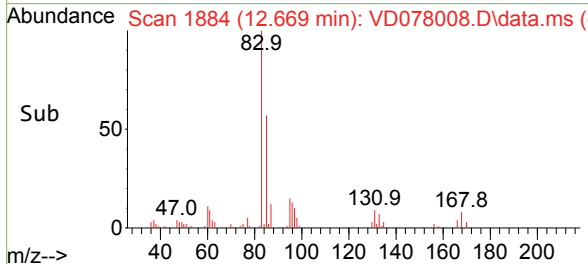
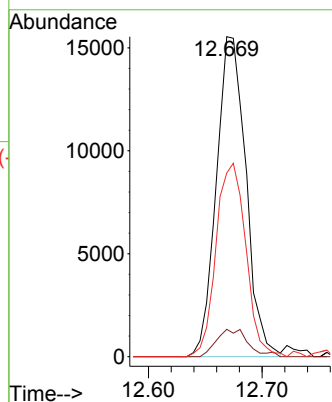
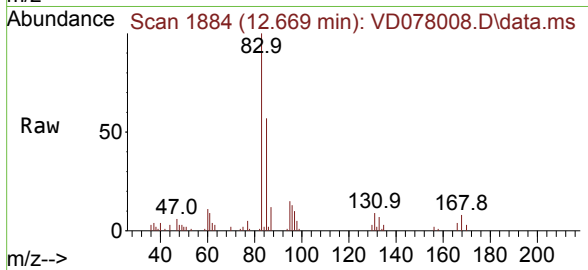
Tgt Ion: 83 Resp: 28077

Ion Ratio Lower Upper

83 100

131 9.2 5.1 15.3

85 60.8 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 40.335 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD078008.D

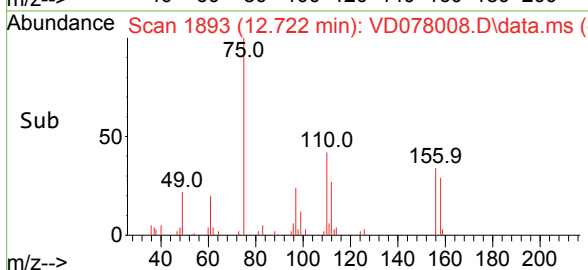
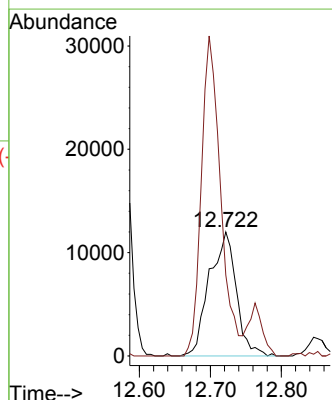
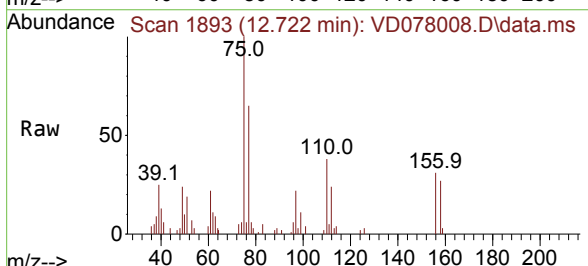
Acq: 20 Dec 2023 22:37

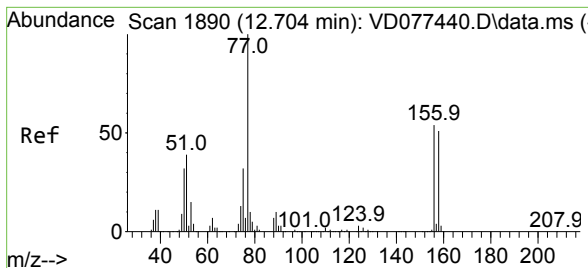
Tgt Ion: 75 Resp: 31595

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.050 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

Instrument :

MSVOA_D

ClientSampleId :

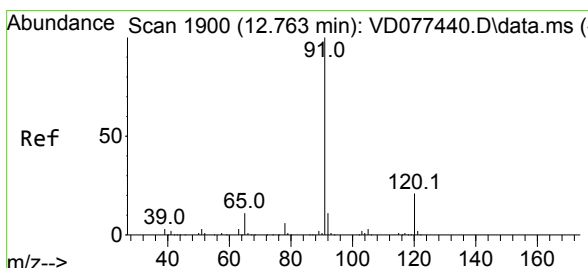
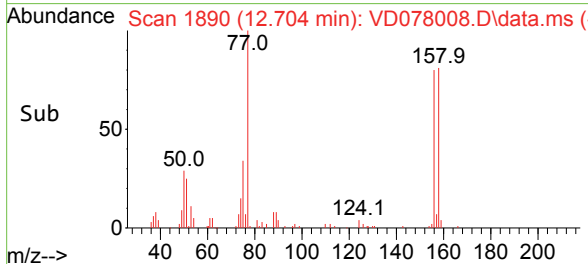
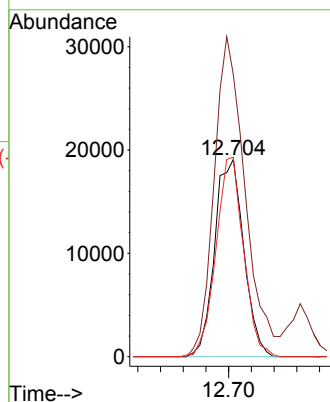
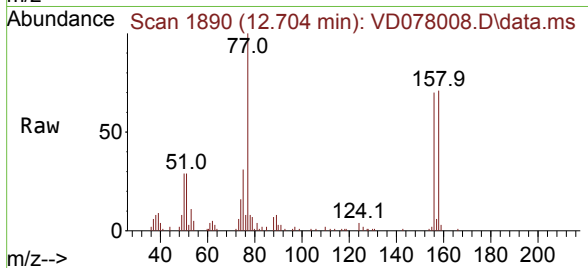
Tgt Ion:156 Resp: 33845

Ion Ratio Lower Upper

156 100

77 173.6 76.8 230.4

158 96.2 48.6 145.9



#78

n-propylbenzene

Concen: 20.514 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078008.D

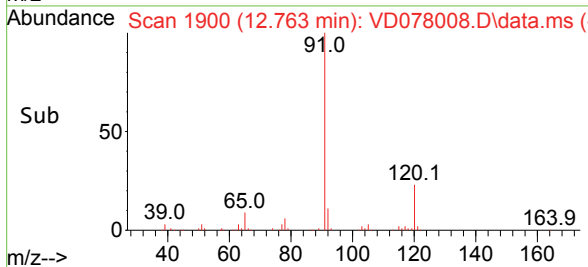
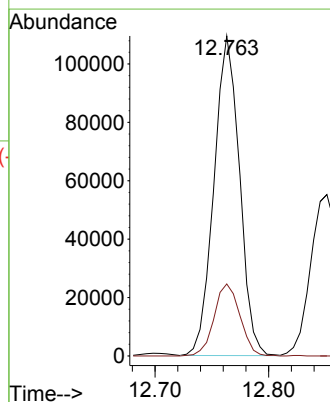
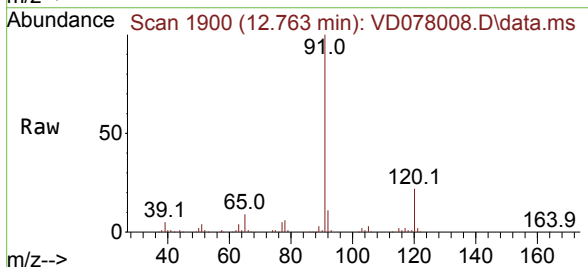
Acq: 20 Dec 2023 22:37

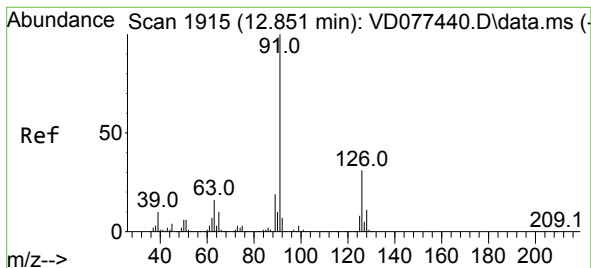
Tgt Ion: 91 Resp: 170876

Ion Ratio Lower Upper

91 100

120 22.8 12.4 37.2





#79

2-Chlorotoluene

Concen: 21.392 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

Instrument :

MSVOA_D

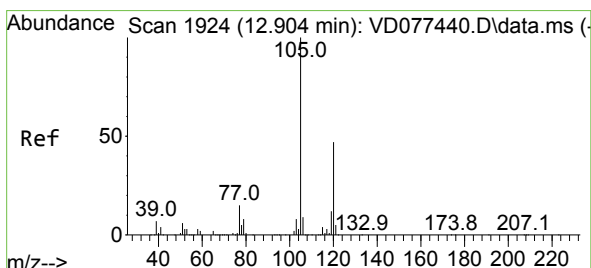
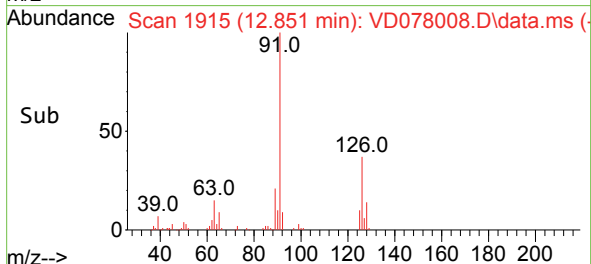
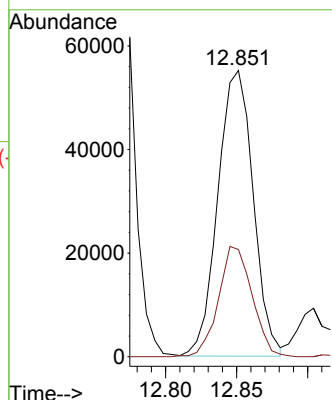
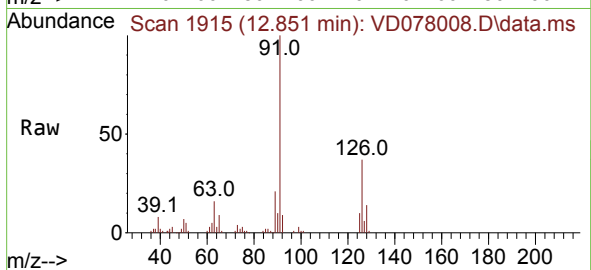
ClientSampleId :

Tgt Ion: 91 Resp: 95493

Ion Ratio Lower Upper

91 100

126 36.6 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 20.921 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078008.D

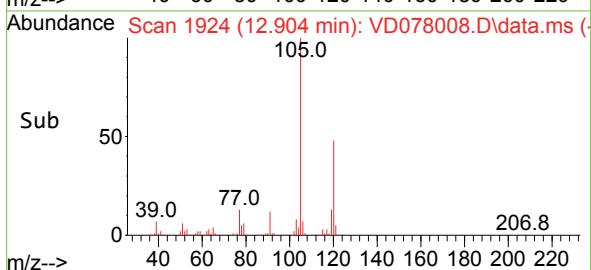
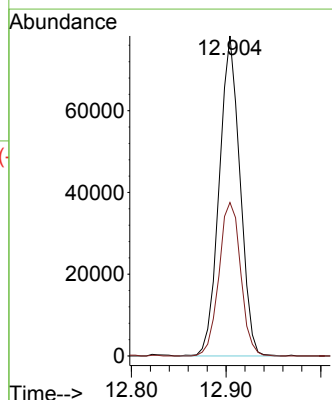
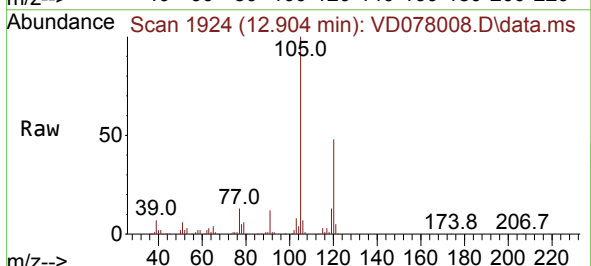
Acq: 20 Dec 2023 22:37

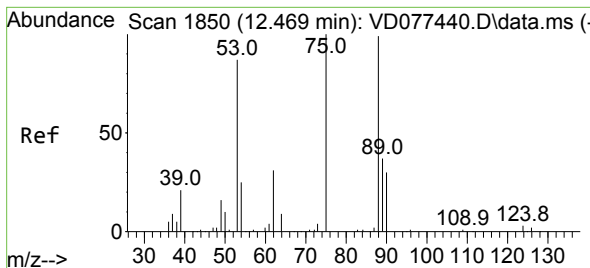
Tgt Ion:105 Resp: 119274

Ion Ratio Lower Upper

105 100

120 50.1 26.4 79.2

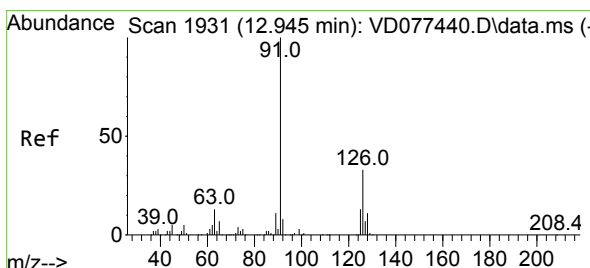
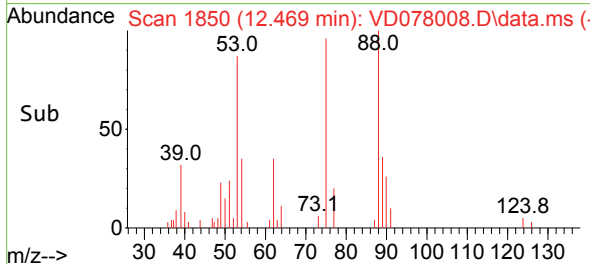
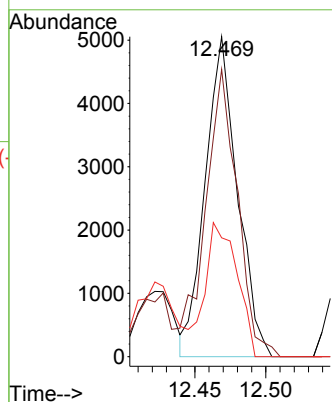
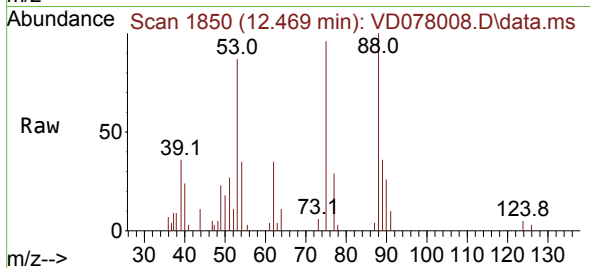




#81
trans-1,4-Dichloro-2-butene
Concen: 20.586 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

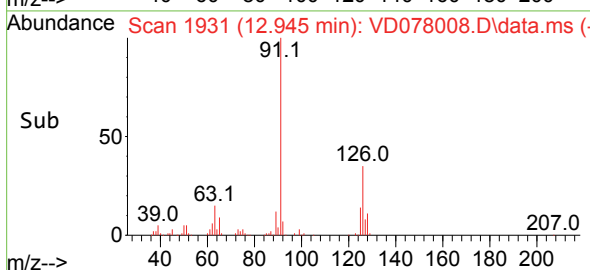
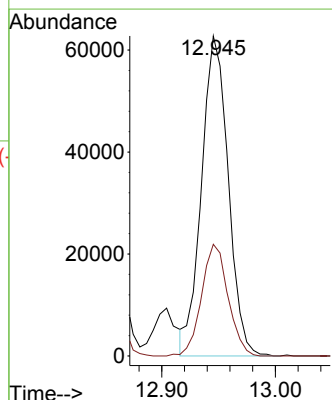
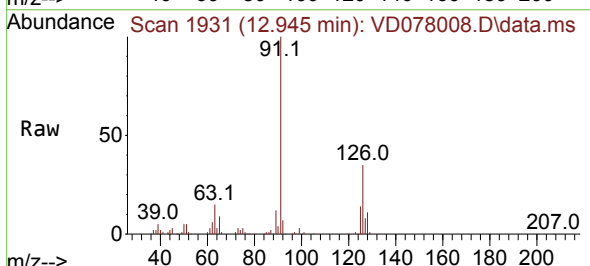
Instrument :
MSVOA_D
ClientSampleId :

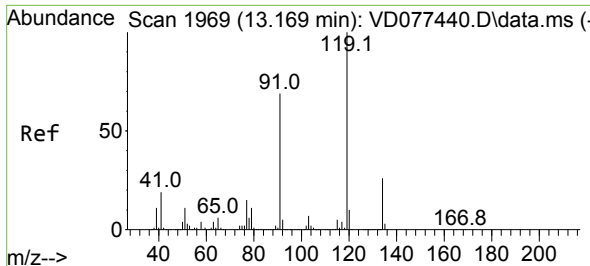
Tgt Ion:	75	Resp:	7959
Ion	Ratio	Lower	Upper
75	100		
53	90.3	63.0	94.4
89	41.4	37.9	56.9



#82
4-Chlorotoluene
Concen: 21.959 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078008.D
Acq: 20 Dec 2023 22:37

Tgt Ion:	91	Resp:	102477
Ion	Ratio	Lower	Upper
91	100		
126	34.6	19.4	58.4

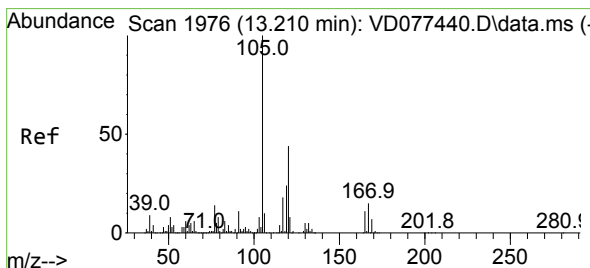
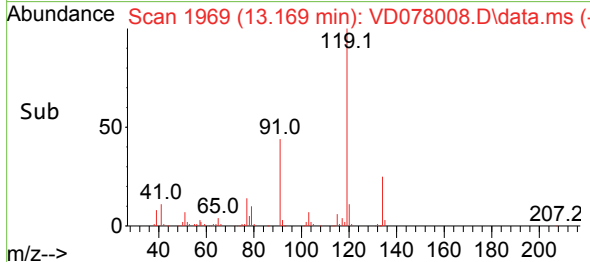
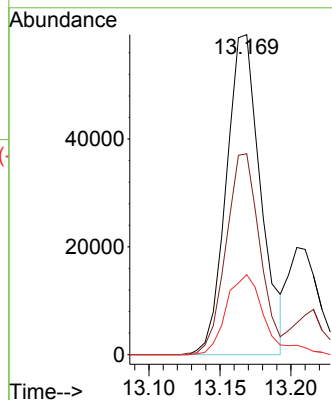
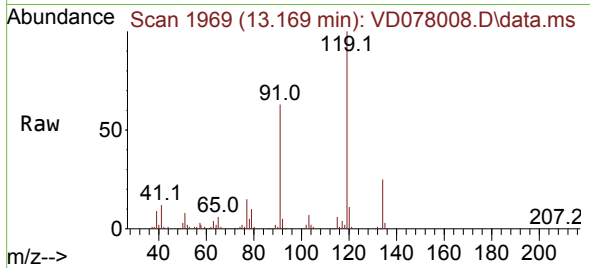




#83
 tert-Butylbenzene
 Concen: 20.808 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD078008.D
 Acq: 20 Dec 2023 22:37

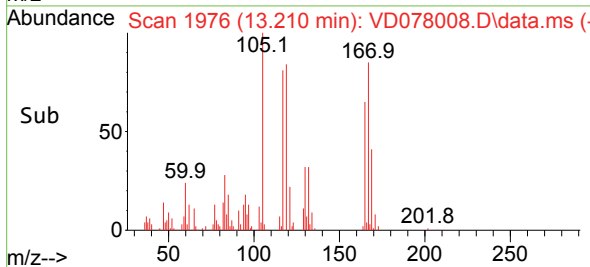
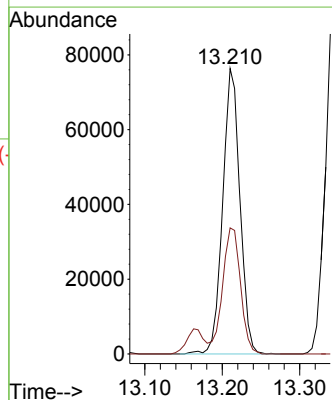
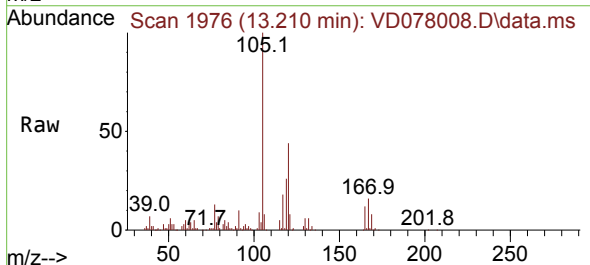
Instrument :
 MSVOA_D
 ClientSampleId :

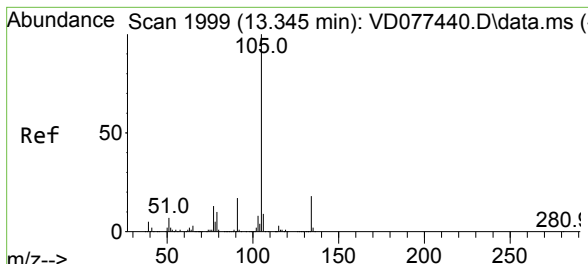
Tgt Ion:119 Resp: 100155
 Ion Ratio Lower Upper
 119 100
 91 61.9 29.3 87.8
 134 27.9 14.1 42.3



#84
 1,2,4-Trimethylbenzene
 Concen: 20.648 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD078008.D
 Acq: 20 Dec 2023 22:37

Tgt Ion:105 Resp: 117744
 Ion Ratio Lower Upper
 105 100
 120 46.4 24.3 72.9

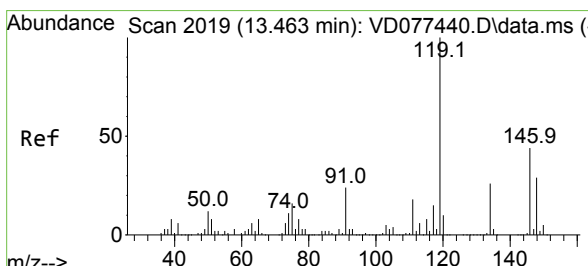
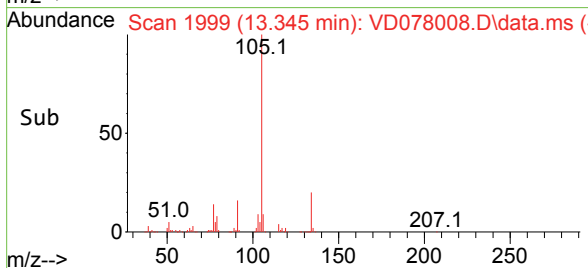
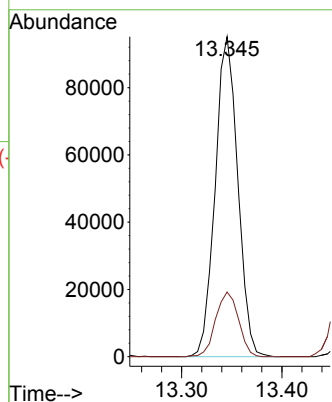
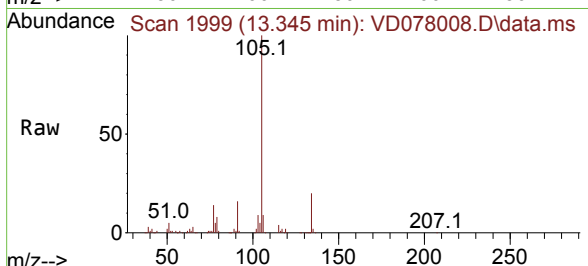




#85
 sec-Butylbenzene
 Concen: 20.888 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078008.D
 Acq: 20 Dec 2023 22:37

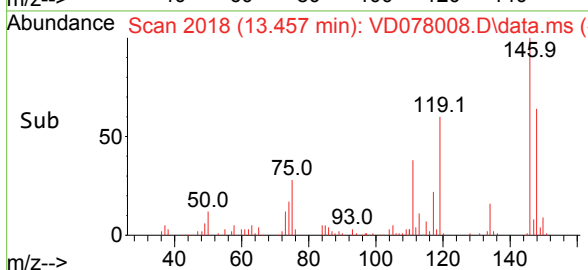
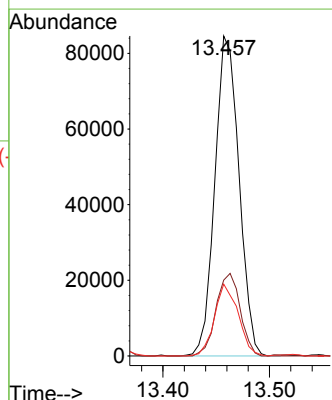
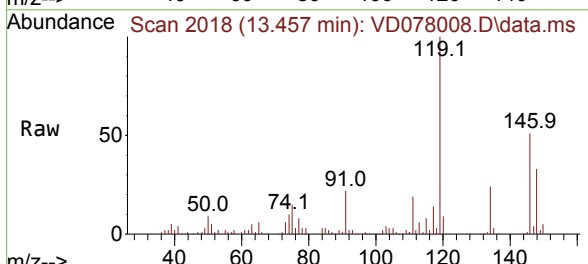
Instrument :
 MSVOA_D
 ClientSampleId :

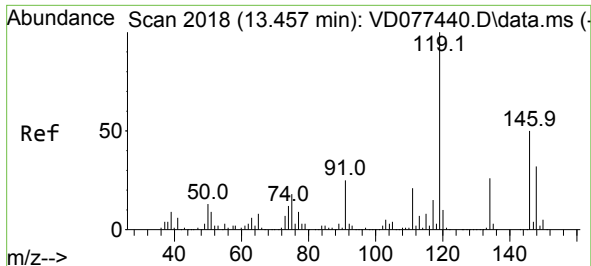
Tgt Ion:105 Resp: 148614
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.916 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078008.D
 Acq: 20 Dec 2023 22:37

Tgt Ion:119 Resp: 133231
 Ion Ratio Lower Upper
 119 100
 134 25.7 14.2 42.6
 91 22.0 10.5 31.5

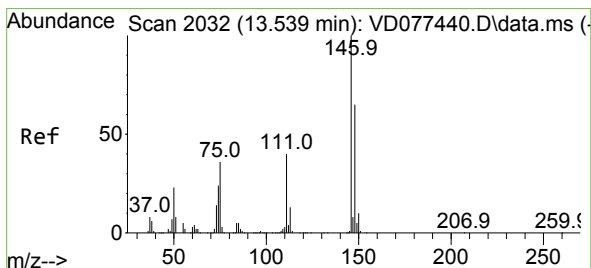
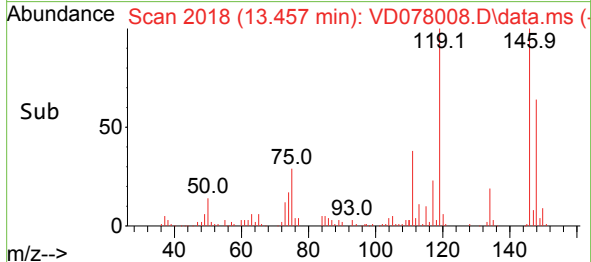
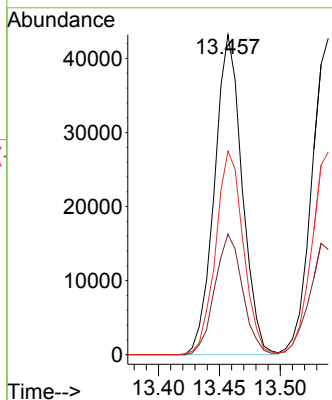
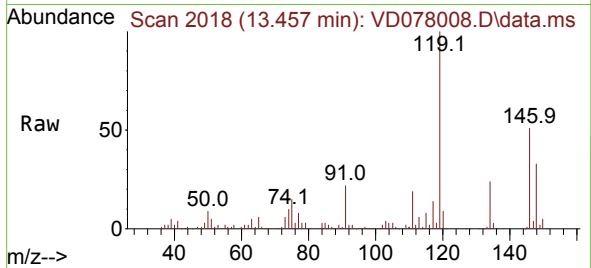




#87
 1,3-Dichlorobenzene
 Concen: 20.778 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078008.D
 Acq: 20 Dec 2023 22:37

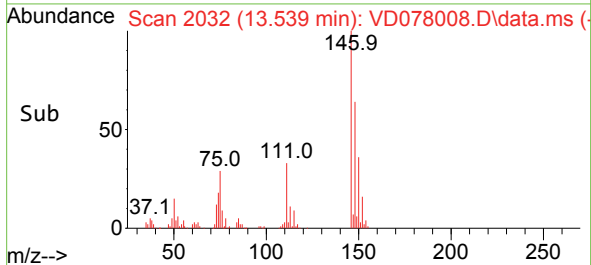
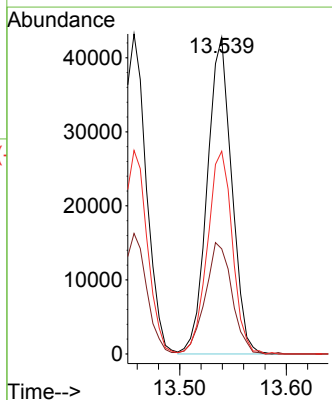
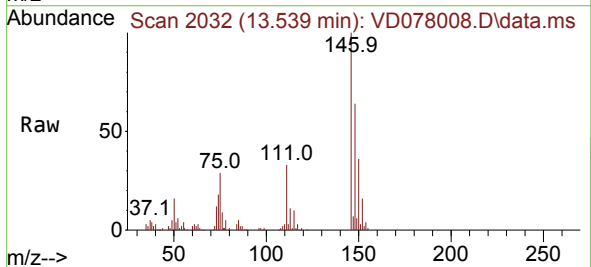
Instrument :
 MSVOA_D
 ClientSampleId :

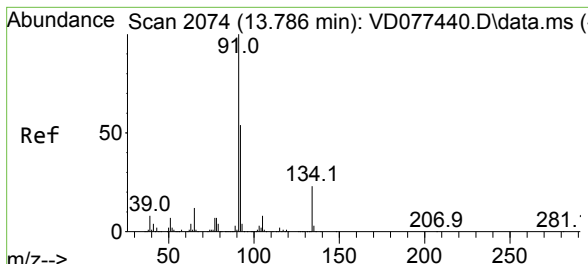
Tgt Ion:146 Resp: 68319
 Ion Ratio Lower Upper
 146 100
 111 37.8 17.9 53.8
 148 63.7 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 19.815 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD078008.D
 Acq: 20 Dec 2023 22:37

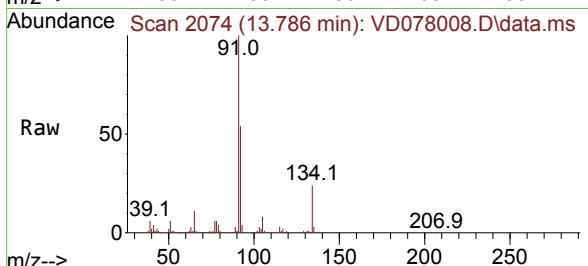
Tgt Ion:146 Resp: 68211
 Ion Ratio Lower Upper
 146 100
 111 38.3 17.4 52.3
 148 65.5 31.7 95.1



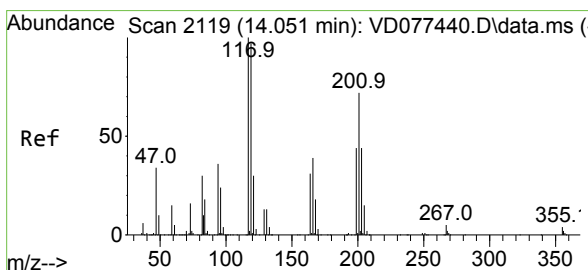
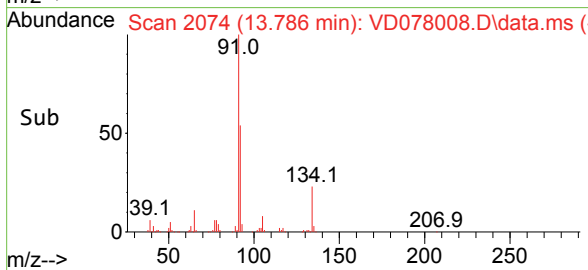
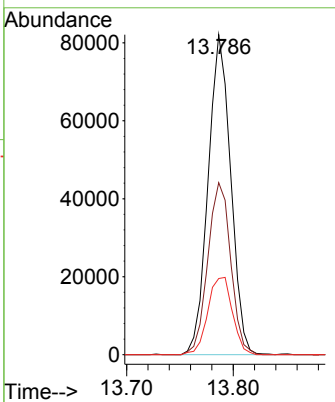


#89
 n-Butylbenzene
 Concen: 20.156 ug/l
 RT: 13.786 min Scan# 2074
 Delta R.T. 0.000 min
 Lab File: VD078008.D
 Acq: 20 Dec 2023 22:37

Instrument :
 MSVOA_D
 ClientSampleId :

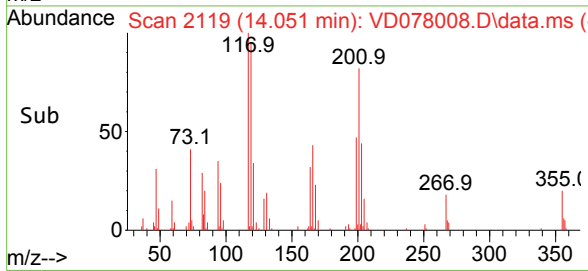
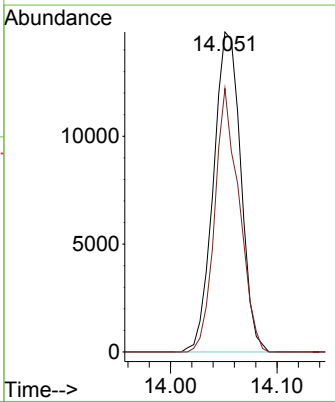
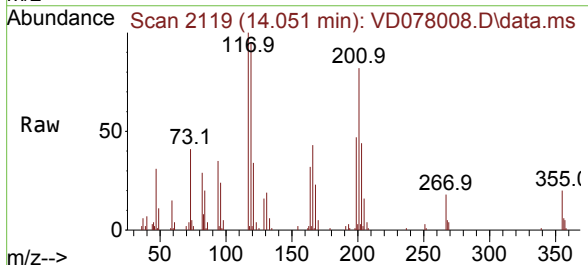


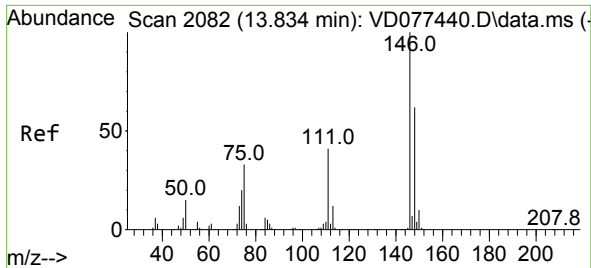
Tgt Ion:	91	Resp:	120814
Ion	Ratio	Lower	Upper
91	100		
92	54.6	26.5	79.5
134	26.3	13.8	41.3



#90
 Hexachloroethane
 Concen: 22.547 ug/l
 RT: 14.051 min Scan# 2119
 Delta R.T. 0.000 min
 Lab File: VD078008.D
 Acq: 20 Dec 2023 22:37

Tgt Ion:	117	Resp:	26413
Ion	Ratio	Lower	Upper
117	100		
201	73.6	38.5	115.5





#91

1,2-Dichlorobenzene

Concen: 21.594 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

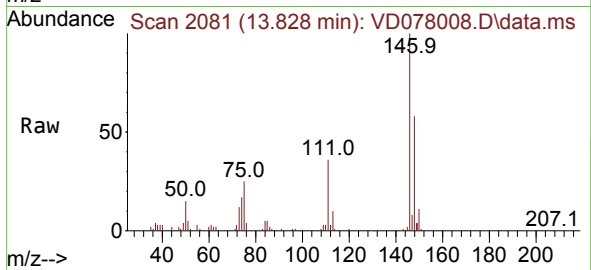
Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

Instrument :

MSVOA_D

ClientSampleId :



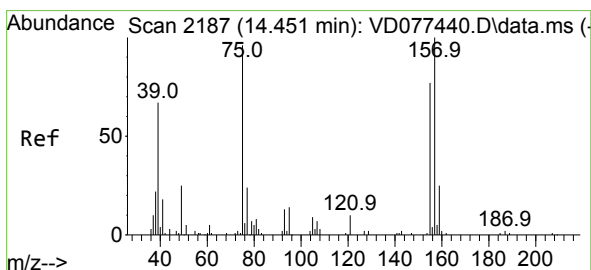
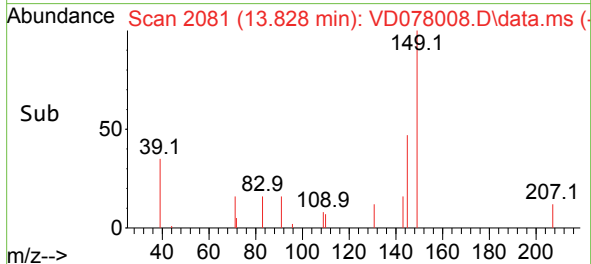
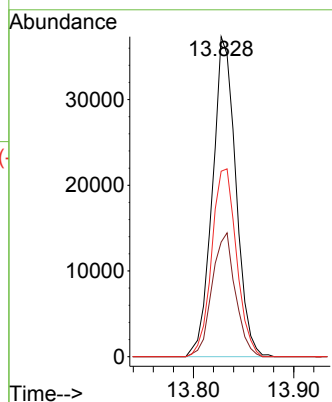
Tgt Ion:146 Resp: 60385

Ion Ratio Lower Upper

146 100

111 38.6 18.3 54.8

148 62.2 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.823 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

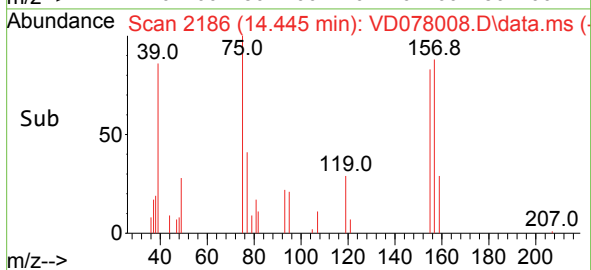
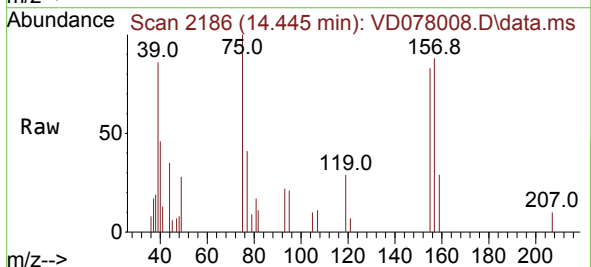
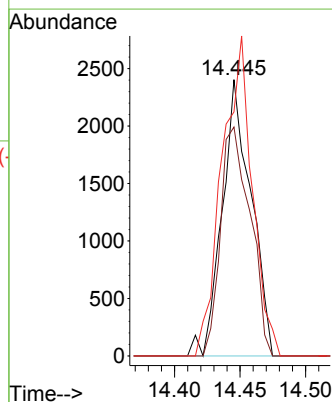
Tgt Ion: 75 Resp: 3694

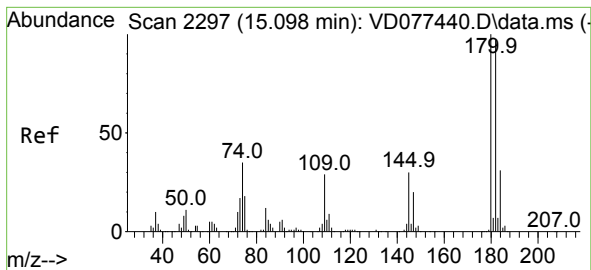
Ion Ratio Lower Upper

75 100

155 85.1 47.9 143.8

157 121.0 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.175 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

Instrument :

MSVOA_D

ClientSampleId :

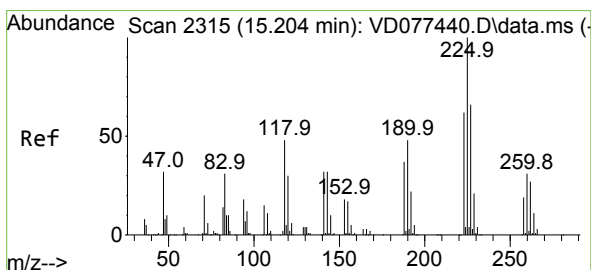
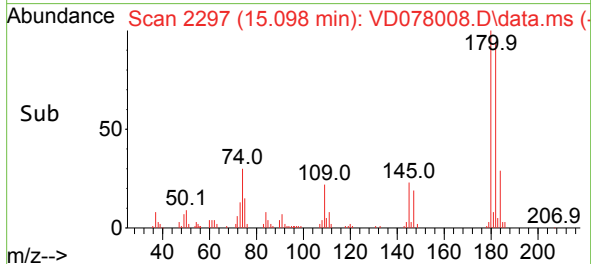
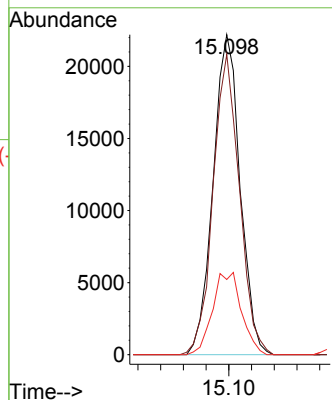
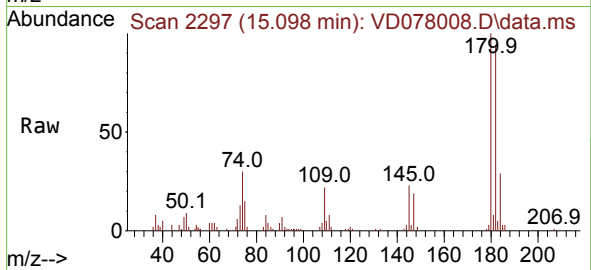
Tgt Ion:180 Resp: 36627

Ion Ratio Lower Upper

180 100

182 91.7 48.5 145.6

145 27.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.925 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

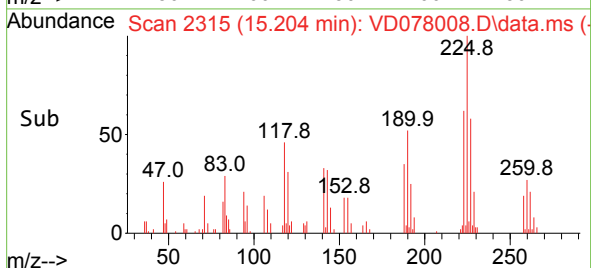
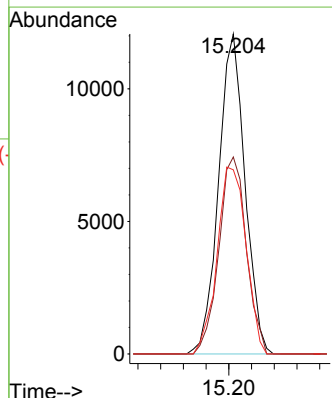
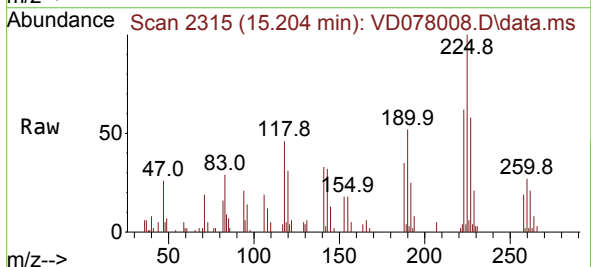
Tgt Ion:225 Resp: 19493

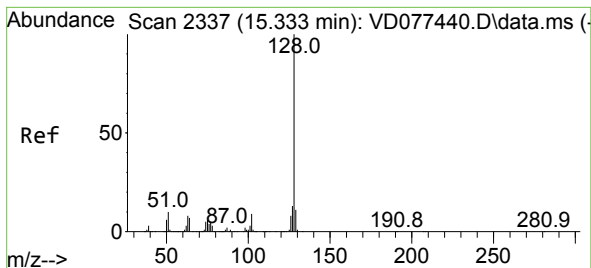
Ion Ratio Lower Upper

225 100

223 63.8 31.6 94.8

227 63.9 31.7 95.1





#95

Naphthalene

Concen: 19.898 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.005 min

Lab File: VD078008.D

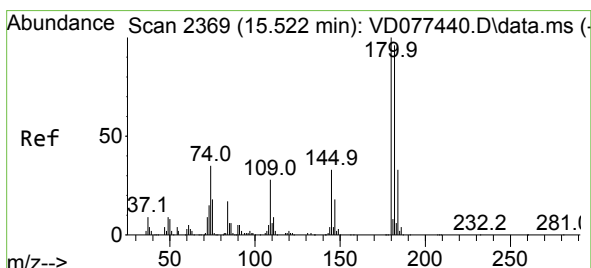
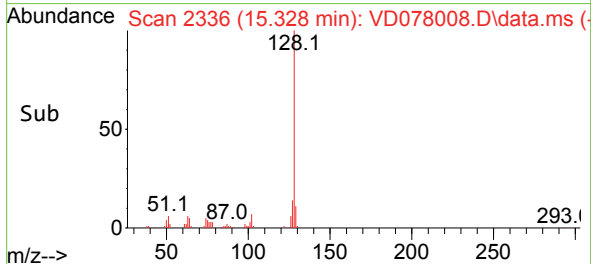
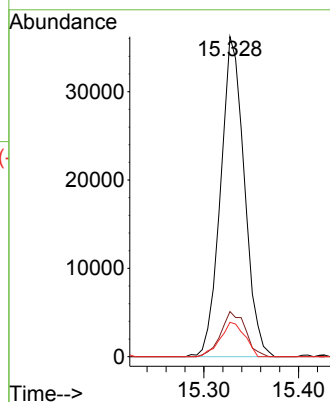
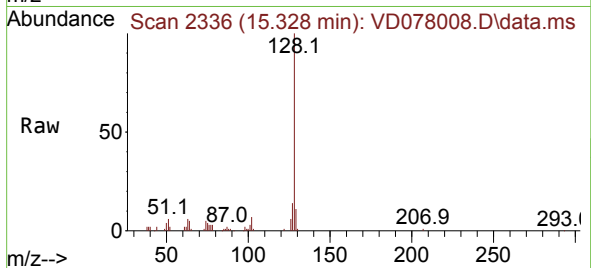
Acq: 20 Dec 2023 22:37

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:128	Resp:	63148
Ion Ratio	Lower	Upper
128	100	
127	14.1	10.5 15.7
129	10.8	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 20.002 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD078008.D

Acq: 20 Dec 2023 22:37

Tgt Ion:180	Resp:	31497
Ion Ratio	Lower	Upper
180	100	
182	93.3	47.3 141.9
145	30.4	15.1 45.3

