

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD078009.D
 Acq On : 20 Dec 2023 23:31
 Operator : RP/MD
 Sample : VD1220SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 21 05:31:37 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	7.881	168	104343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	193281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	177038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	90032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	69716	56.701	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.400%
35) Dibromofluoromethane	7.805	113	71558	52.855	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.700%
50) Toluene-d8	10.269	98	273121	50.369	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.740%
62) 4-Bromofluorobenzene	12.575	95	81895	50.516	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.040%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	24713	18.960	ug/l	95
3) Chloromethane	2.152	50	37460	21.085	ug/l	99
4) Vinyl Chloride	2.287	62	54081	22.423	ug/l	99
5) Bromomethane	2.693	94	41906	30.964	ug/l	98
6) Chloroethane	2.840	64	40208	24.452	ug/l	94
7) Trichlorofluoromethane	3.181	101	47172	21.236	ug/l	98
8) Diethyl Ether	3.599	74	14485	23.222	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.969	101	27300	21.483	ug/l	96
10) Methyl Iodide	4.158	142	27669	28.235	ug/l	91
11) Tert butyl alcohol	5.058	59	6344	100.400	ug/l #	73
12) 1,1-Dichloroethene	3.940	96	25788	20.561	ug/l	99
13) Acrolein	3.799	56	10261	78.893	ug/l	98
14) Allyl chloride	4.564	41	36362	21.079	ug/l	92
15) Acrylonitrile	5.252	53	29551	110.651	ug/l	97
16) Acetone	4.022	43	35781	117.993	ug/l #	80
17) Carbon Disulfide	4.275	76	71938	16.953	ug/l	99
18) Methyl Acetate	4.569	43	21159	21.851	ug/l	95
19) Methyl tert-butyl Ether	5.322	73	60812	22.853	ug/l	98
20) Methylene Chloride	4.805	84	37852	23.420	ug/l #	88
21) trans-1,2-Dichloroethene	5.316	96	31595	22.240	ug/l	96
22) Diisopropyl ether	6.222	45	79803	22.138	ug/l	95
23) Vinyl Acetate	6.158	43	189002	107.365	ug/l	98
24) 1,1-Dichloroethane	6.116	63	54611	22.371	ug/l	97
25) 2-Butanone	7.087	43	42847	118.899	ug/l #	81
26) 2,2-Dichloropropane	7.081	77	42414	20.694	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	35371	23.139	ug/l	89
28) Bromochloromethane	7.428	49	22559	22.869	ug/l	82
29) Tetrahydrofuran	7.452	42	20516	104.785	ug/l	91
30) Chloroform	7.599	83	59306	24.274	ug/l	100
31) Cyclohexane	7.875	56	39755	18.178	ug/l	91
32) 1,1,1-Trichloroethane	7.799	97	46867	21.760	ug/l	97
36) 1,1-Dichloropropene	8.010	75	40118	18.525	ug/l	97
37) Ethyl Acetate	7.169	43	14913	17.661	ug/l	99
38) Carbon Tetrachloride	7.993	117	41735	19.331	ug/l	95
39) Methylcyclohexane	9.275	83	45438	17.699	ug/l #	91
40) Benzene	8.252	78	123379	20.073	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	8767	20.427	ug/l	# 93
42) 1,2-Dichloroethane	8.328	62	34265	21.507	ug/l	96
43) Isopropyl Acetate	8.363	43	30191	20.113	ug/l	95
44) Trichloroethene	9.034	130	33009	20.608	ug/l	98
45) 1,2-Dichloropropane	9.304	63	32388	21.676	ug/l	97
46) Dibromomethane	9.399	93	17804	22.520	ug/l	92
47) Bromodichloromethane	9.581	83	43389	21.653	ug/l	# 99
48) Methyl methacrylate	9.381	41	18004	21.100	ug/l	# 79
49) 1,4-Dioxane	9.387	88	3202	407.885	ug/l	# 89
51) 4-Methyl-2-Pentanone	10.157	43	73396	95.808	ug/l	92
52) Toluene	10.334	92	78217	20.515	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	40636	21.117	ug/l	89
54) cis-1,3-Dichloropropene	10.016	75	49630	21.332	ug/l	# 86
55) 1,1,2-Trichloroethane	10.740	97	24017	22.209	ug/l	92
56) Ethyl methacrylate	10.598	69	19846	20.819	ug/l	# 87
57) 1,3-Dichloropropane	10.881	76	41738	22.391	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	46640	85.793	ug/l	97
59) 2-Hexanone	10.922	43	59628	93.818	ug/l	90
60) Dibromochloromethane	11.075	129	29527	22.679	ug/l	99
61) 1,2-Dibromoethane	11.181	107	21558	21.178	ug/l	95
64) Tetrachloroethene	10.810	164	24705	18.986	ug/l	88
65) Chlorobenzene	11.610	112	86635	19.631	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	30432	20.671	ug/l	98
67) Ethyl Benzene	11.687	91	148433	20.138	ug/l	95
68) m/p-Xylenes	11.793	106	111452	39.532	ug/l	89
69) o-Xylene	12.122	106	53633	20.641	ug/l	92
70) Styrene	12.134	104	81091	20.989	ug/l	94
71) Bromoform	12.304	173	16729	21.748	ug/l	# 97
73) Isopropylbenzene	12.422	105	138938	20.361	ug/l	96
74) N-amyl acetate	12.234	43	27058	20.173	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.681	83	28397	23.867	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	33414	42.733	ug/l	# 100
77) Bromobenzene	12.698	156	33385	20.801	ug/l	87
78) n-propylbenzene	12.763	91	171916	20.676	ug/l	95
79) 2-Chlorotoluene	12.851	91	94025	21.101	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	117724	20.685	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	8341	21.612	ug/l	91
82) 4-Chlorotoluene	12.945	91	97583	20.948	ug/l	100
83) tert-Butylbenzene	13.169	119	100246	20.864	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	118248	20.774	ug/l	96
85) sec-Butylbenzene	13.345	105	148128	20.857	ug/l	95
86) p-Isopropyltoluene	13.463	119	130880	20.583	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	67441	20.547	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	68897	20.069	ug/l	96
89) n-Butylbenzene	13.787	91	121202	20.257	ug/l	98
90) Hexachloroethane	14.057	117	26769	22.891	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	58167	20.838	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3745	21.164	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	36098	18.932	ug/l	96
94) Hexachlorobutadiene	15.204	225	19611	19.073	ug/l	94
95) Naphthalene	15.334	128	65073	20.541	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	31141	19.811	ug/l	98

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

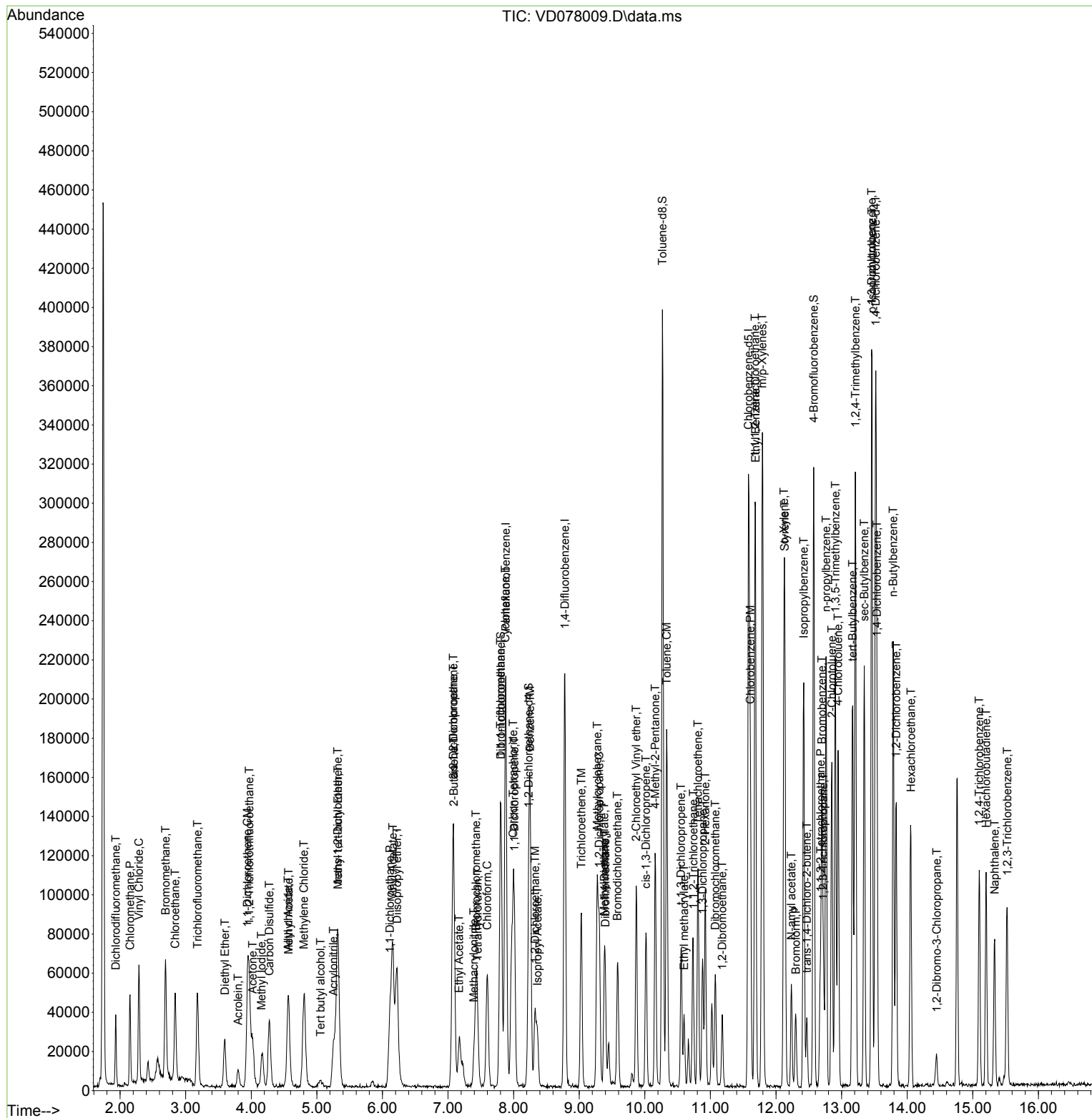
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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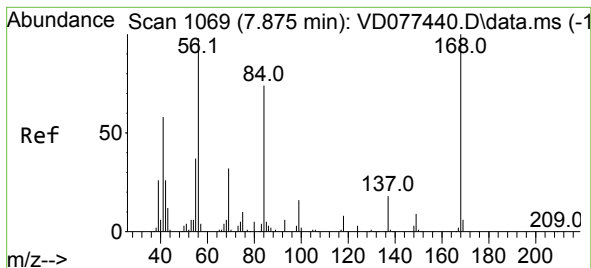
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Quant Time: Dec 21 05:31:37 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD078009.D

Acq: 20 Dec 2023 23:31

Instrument :

MSVOA_D

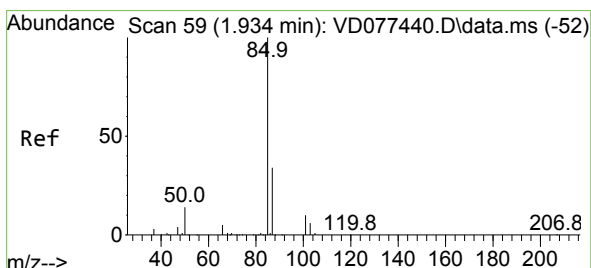
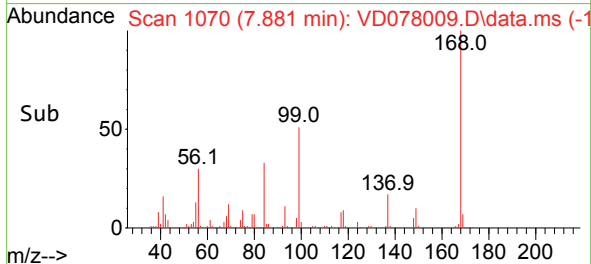
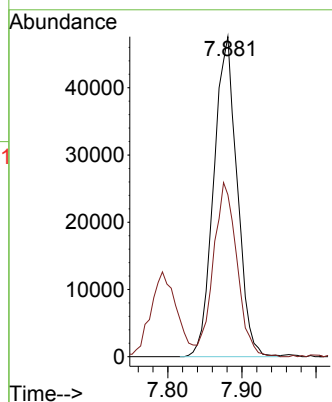
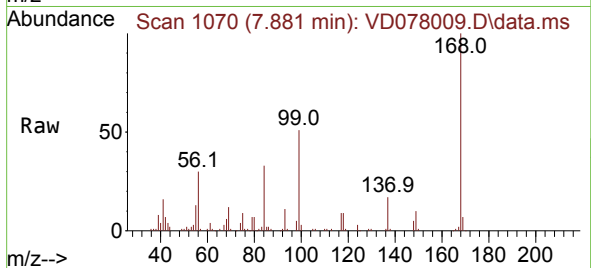
ClientSampleId :

Tgt Ion:168 Resp: 104343

Ion Ratio Lower Upper

168 100

99 50.6 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 18.960 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078009.D

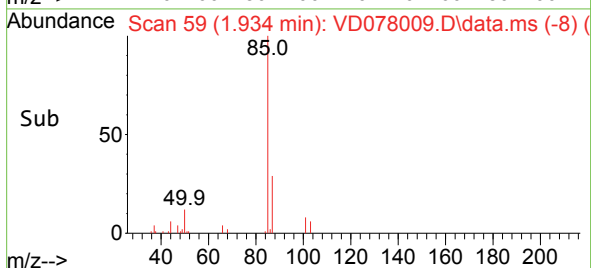
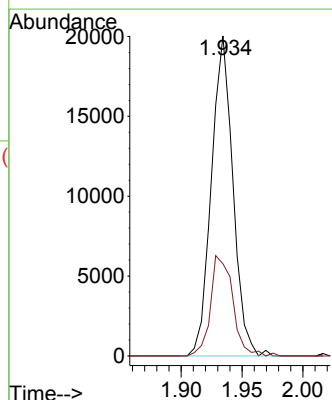
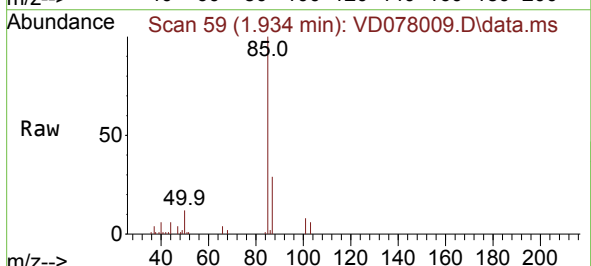
Acq: 20 Dec 2023 23:31

Tgt Ion: 85 Resp: 24713

Ion Ratio Lower Upper

85 100

87 28.8 15.7 47.0

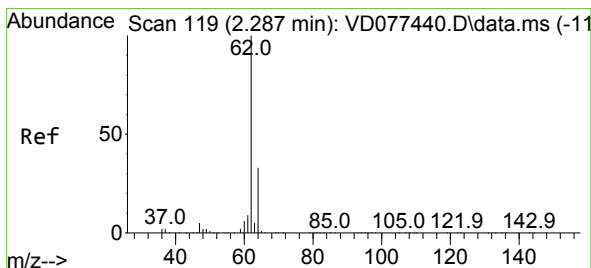
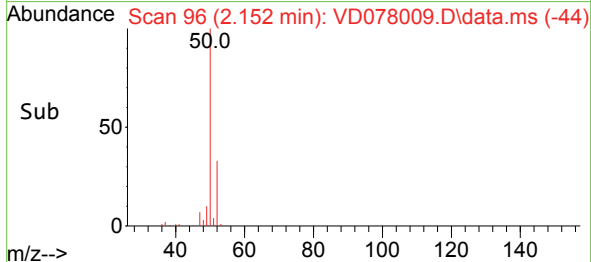
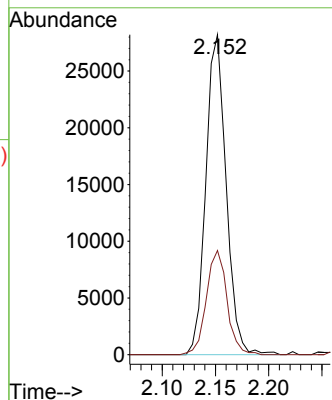
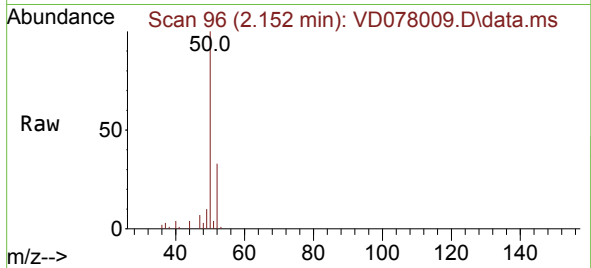




#3
Chloromethane
Concen: 21.085 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

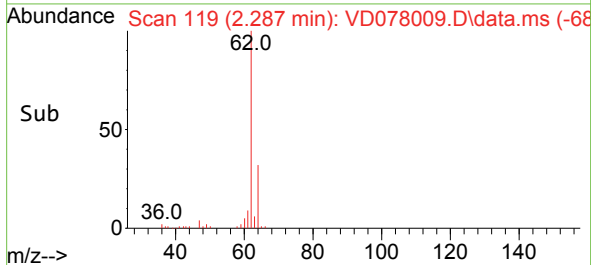
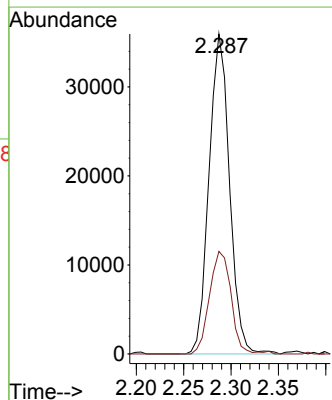
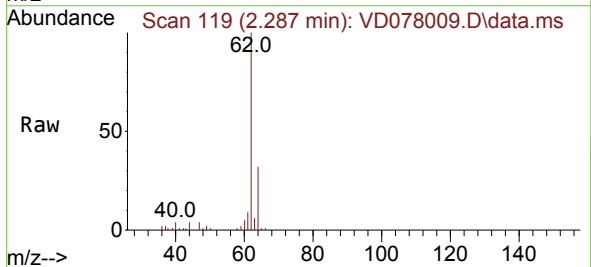
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 37460
Ion Ratio Lower Upper
50 100
52 32.6 26.6 40.0



#4
Vinyl Chloride
Concen: 22.423 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

Tgt Ion: 62 Resp: 54081
Ion Ratio Lower Upper
62 100
64 32.0 26.0 39.0

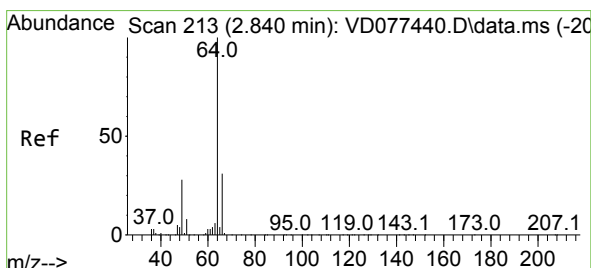
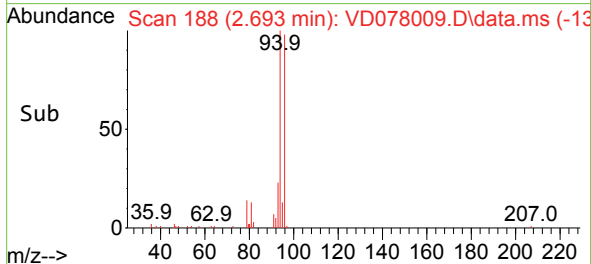
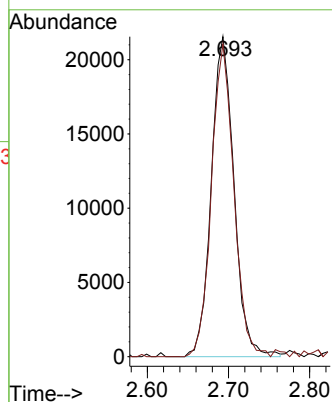
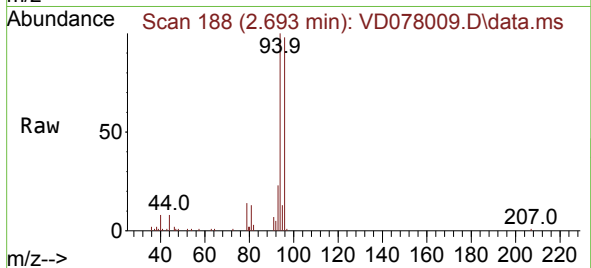




#5
Bromomethane
Concen: 30.964 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

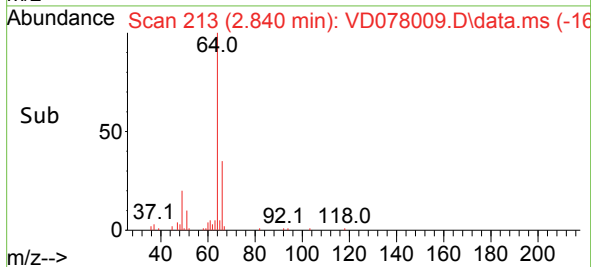
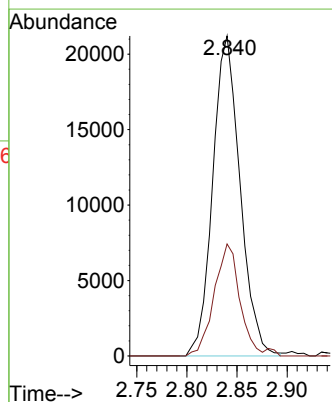
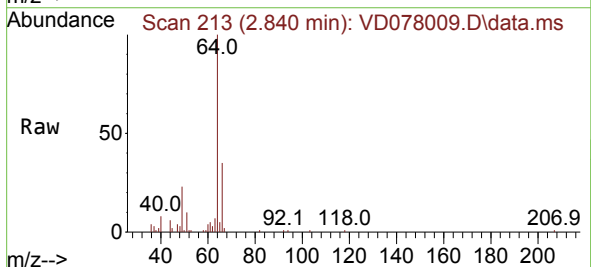
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MSVOA_D
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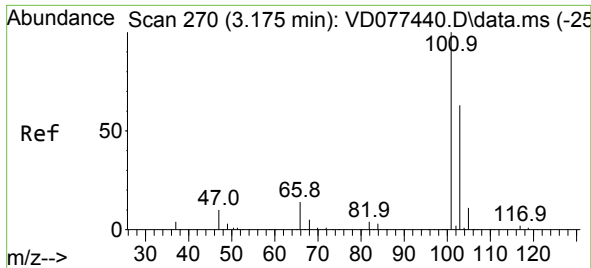
Tgt Ion: 94 Resp: 41906
Ion Ratio Lower Upper
94 100
96 96.3 75.8 113.8



#6
Chloroethane
Concen: 24.452 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

Tgt Ion: 64 Resp: 40208
Ion Ratio Lower Upper
64 100
66 35.0 25.5 38.3

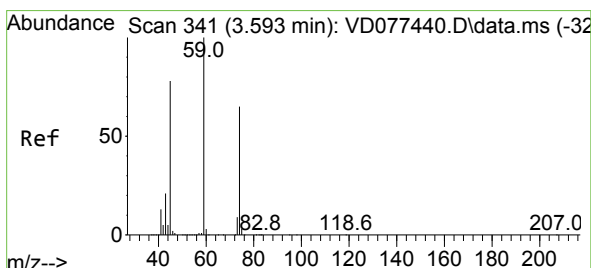
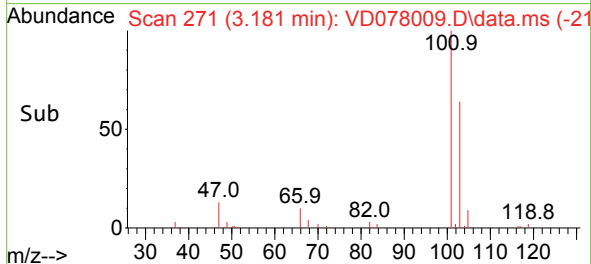
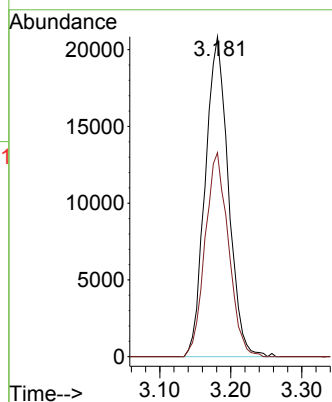
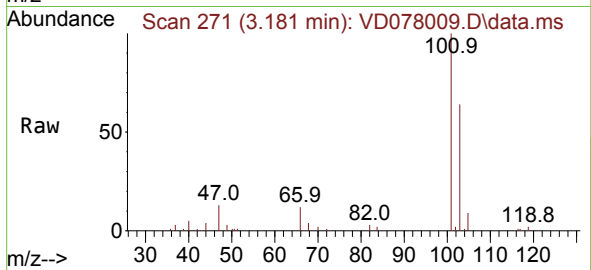




#7
 Trichlorofluoromethane
 Concen: 21.236 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD078009.D
 Acq: 20 Dec 2023 23:31

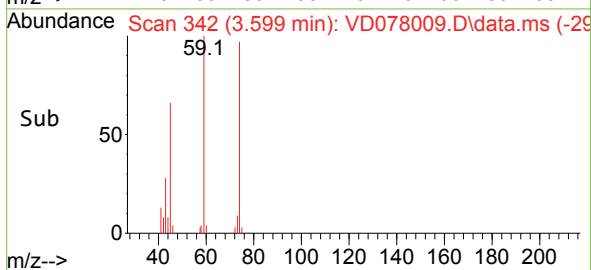
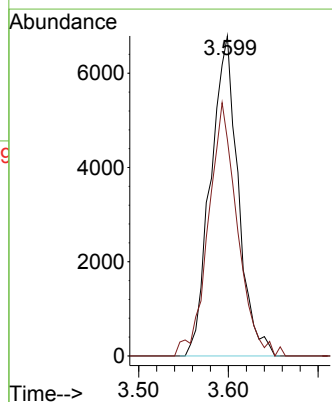
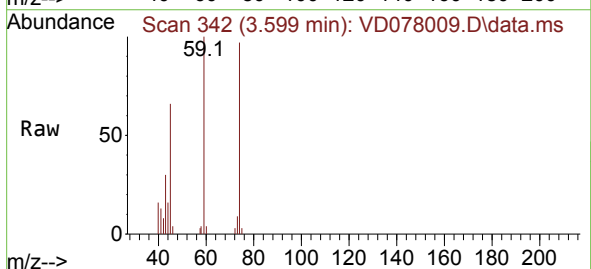
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:101 Resp: 47172
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.3 78.5



#8
 Diethyl Ether
 Concen: 23.222 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD078009.D
 Acq: 20 Dec 2023 23:31

Tgt Ion: 74 Resp: 14485
 Ion Ratio Lower Upper
 74 100
 45 83.2 37.5 112.7

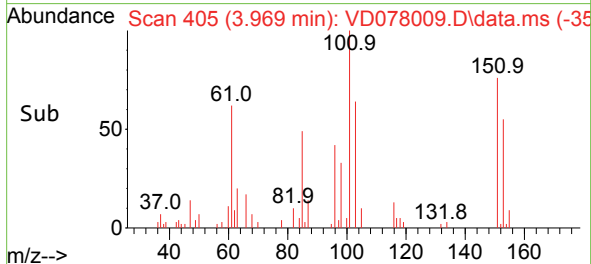
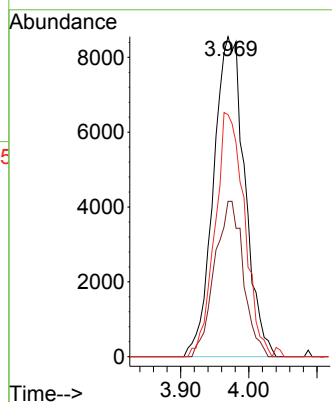
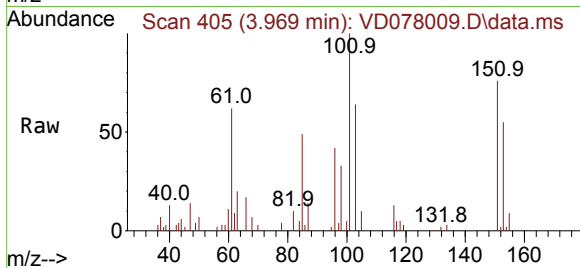




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.483 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

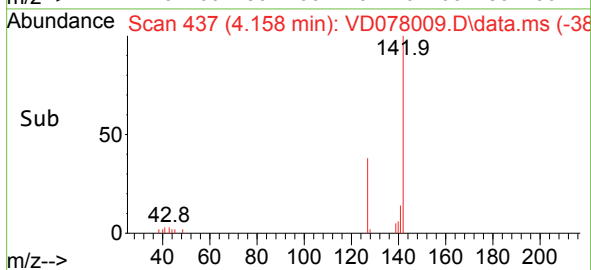
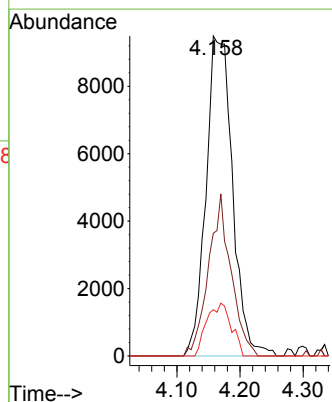
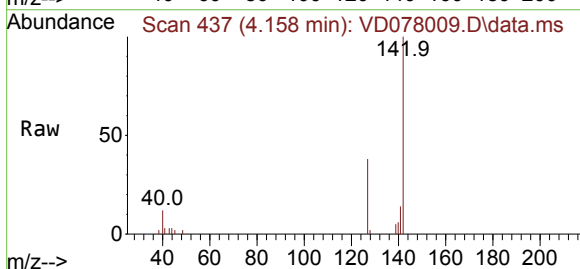
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MSVOA_D
ClientSampleId :

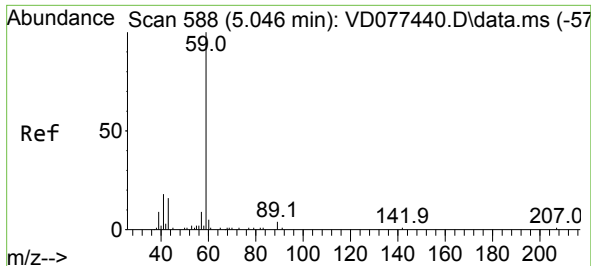
Tgt Ion:101 Resp: 27300
Ion Ratio Lower Upper
101 100
85 44.7 33.8 50.6
151 71.7 59.8 89.6



#10
Methyl Iodide
Concen: 28.235 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.011 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

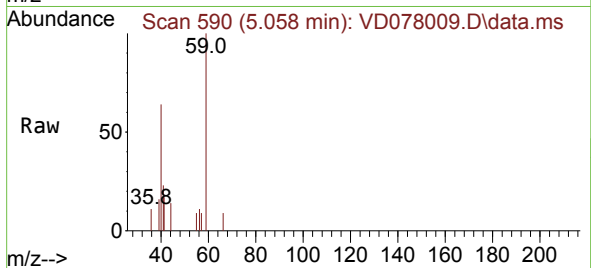
Tgt Ion:142 Resp: 27669
Ion Ratio Lower Upper
142 100
127 43.0 29.4 44.0
141 15.2 11.1 16.7



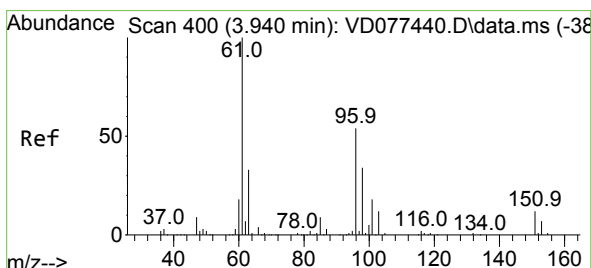
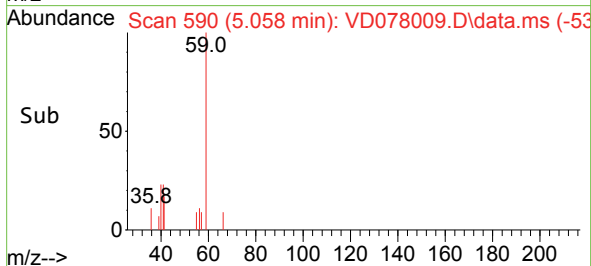
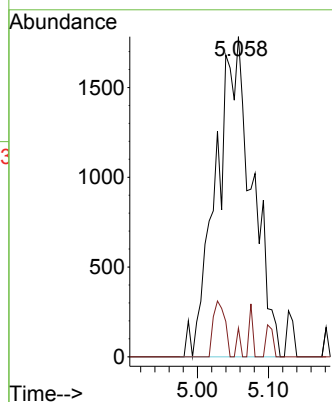


#11
Tert butyl alcohol
Concen: 100.400 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

Instrument :
MSVOA_D
ClientSampleId :

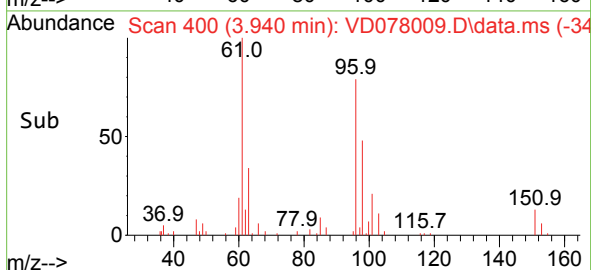
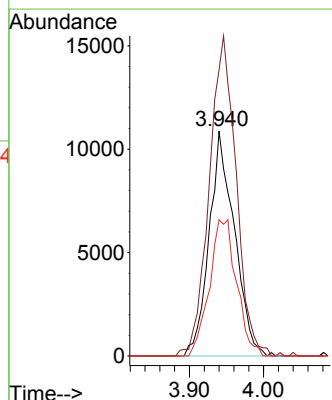
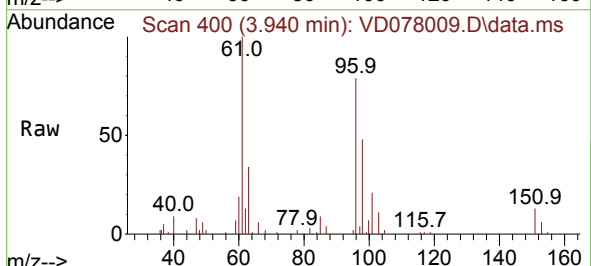


Tgt Ion: 59 Resp: 6344
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 20.561 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

Tgt Ion: 96 Resp: 25788
Ion Ratio Lower Upper
96 100
61 125.8 100.6 150.8
98 60.5 50.2 75.2





#13

Acrolein

Concen: 78.893 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

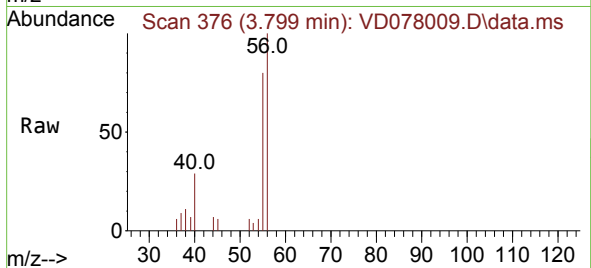
Lab File: VD078009.D

Acq: 20 Dec 2023 23:31

Instrument :

MSVOA_D

ClientSampleId :

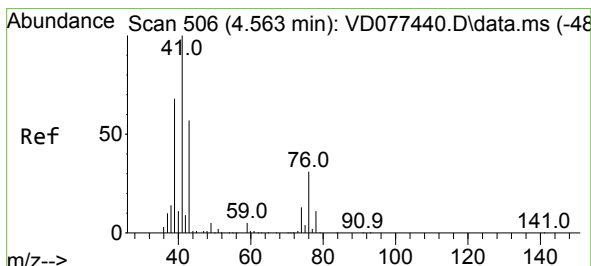
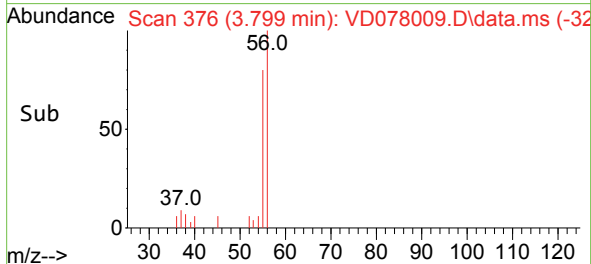
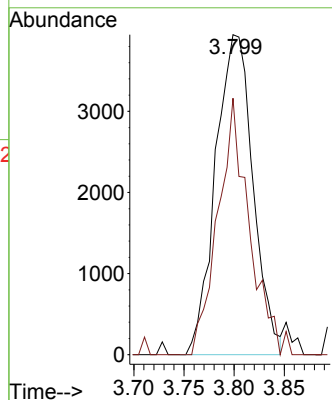


Tgt Ion: 56 Resp: 10261

Ion Ratio Lower Upper

56 100

55 67.3 55.1 82.7



#14

Allyl chloride

Concen: 21.079 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.001 min

Lab File: VD078009.D

Acq: 20 Dec 2023 23:31

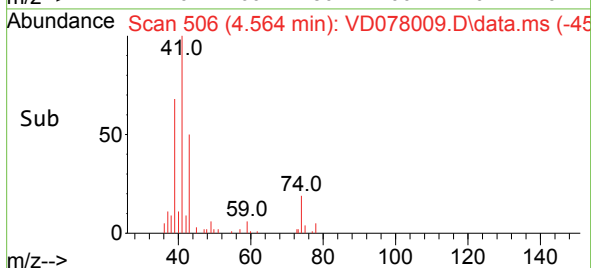
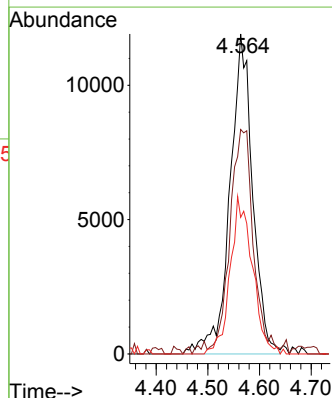
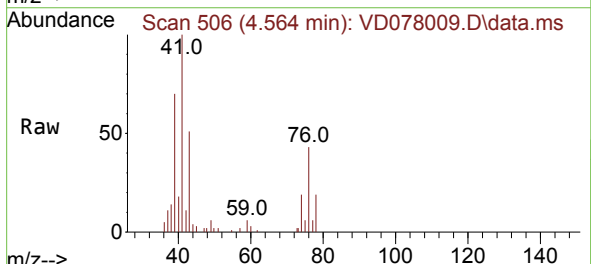
Tgt Ion: 41 Resp: 36362

Ion Ratio Lower Upper

41 100

39 70.0 53.8 80.6

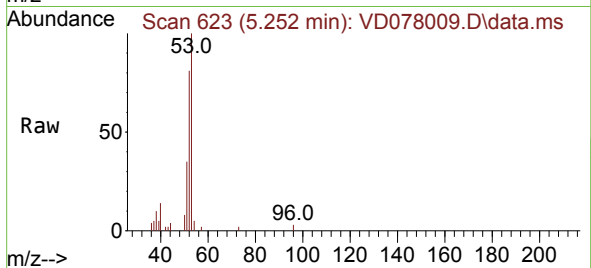
76 48.1 45.8 68.8



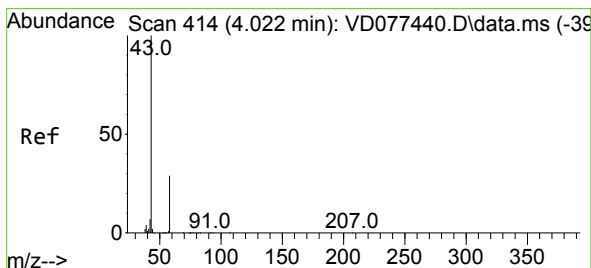
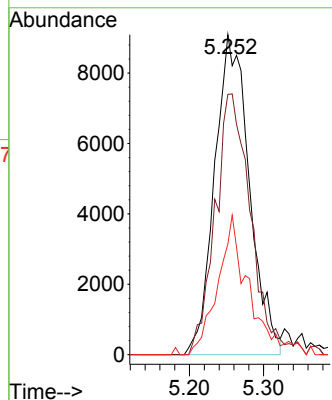


#15
Acrylonitrile
Concen: 110.651 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

Instrument :
MSVOA_D
ClientSampleId :

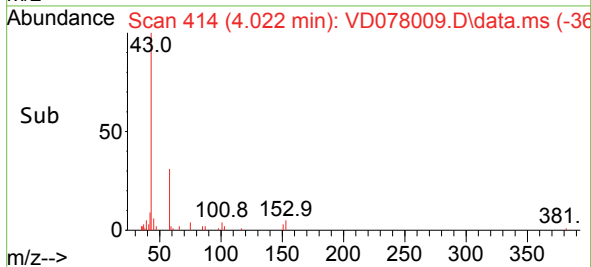
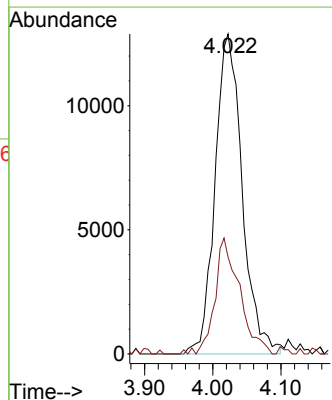
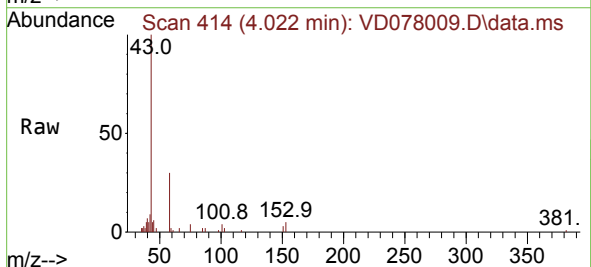


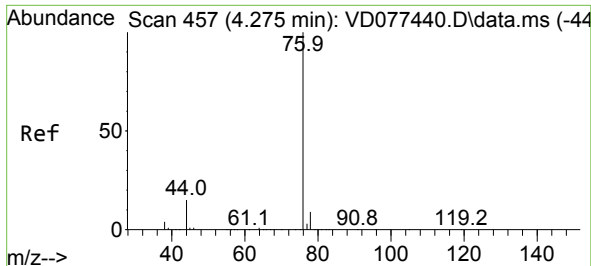
Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.6	65.0	97.4
51	37.8	28.3	42.5



#16
Acetone
Concen: 117.993 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.3	34.7	52.1

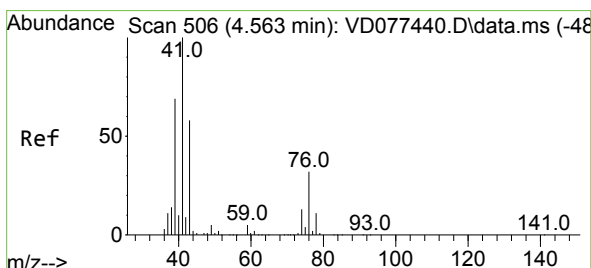
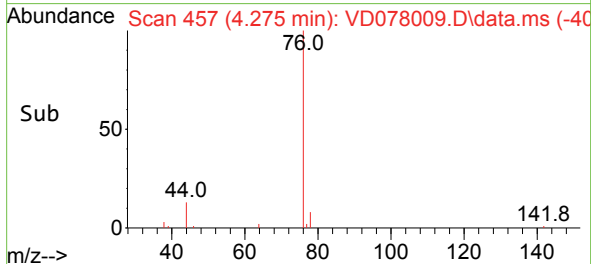
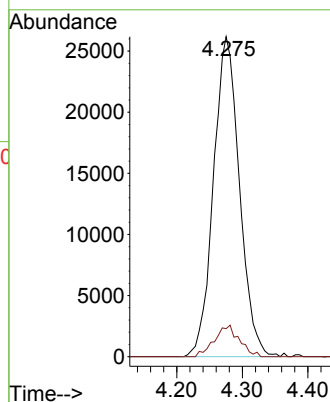
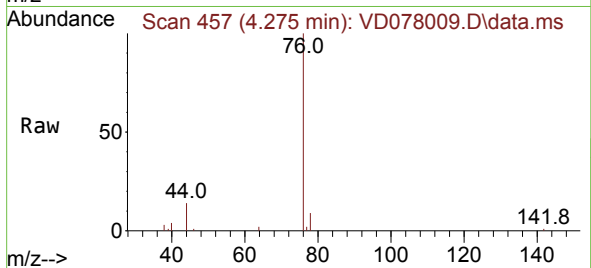




#17
Carbon Disulfide
Concen: 16.953 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

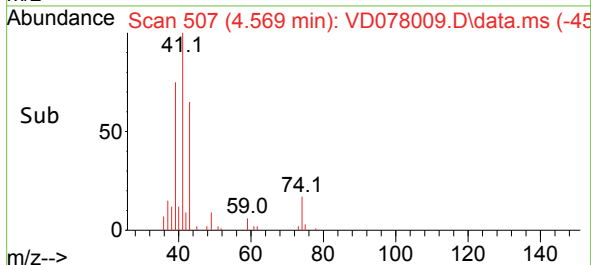
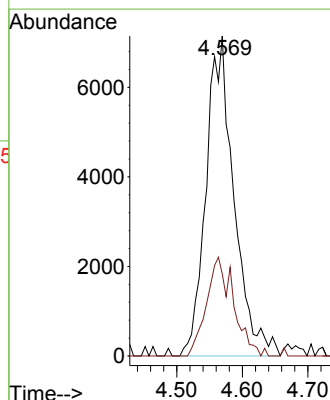
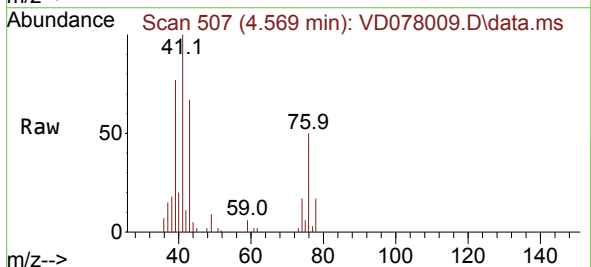
Instrument :
MSVOA_D
ClientSampleId :

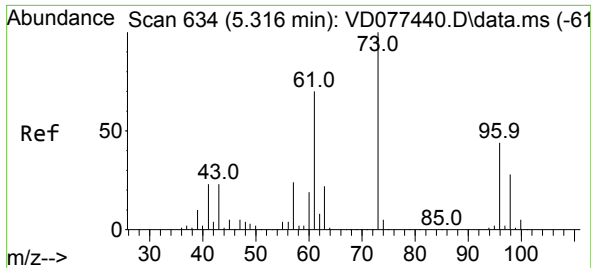
Tgt Ion: 76 Resp: 71938
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 21.851 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

Tgt Ion: 43 Resp: 21159
Ion Ratio Lower Upper
43 100
74 30.1 26.4 39.6

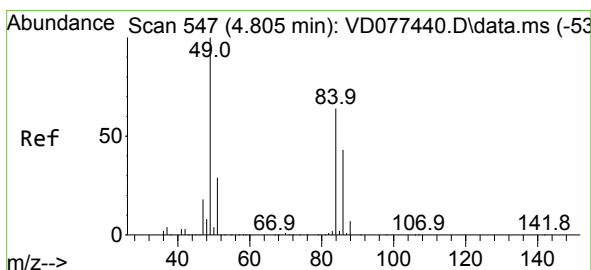
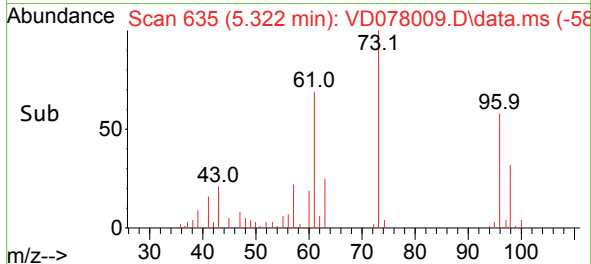
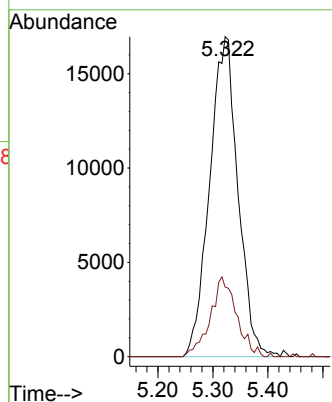
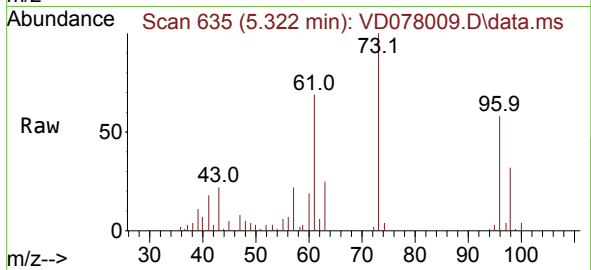




#19
Methyl tert-butyl Ether
Concen: 22.853 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

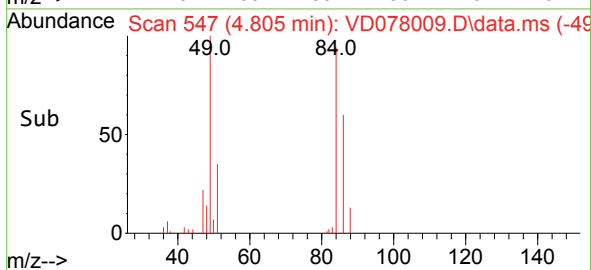
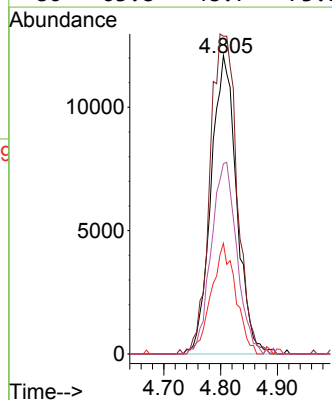
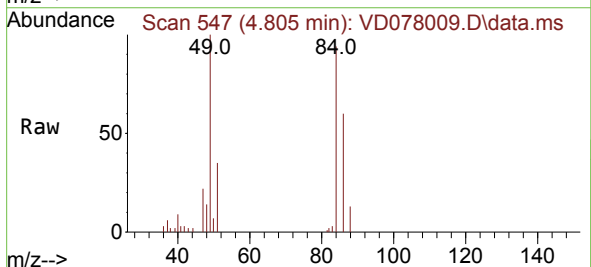
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 73 Resp: 60812
Ion Ratio Lower Upper
73 100
57 21.8 16.6 25.0



#20
Methylene Chloride
Concen: 23.420 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

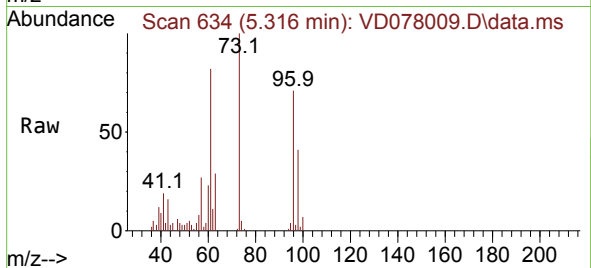
Tgt Ion: 84 Resp: 37852
Ion Ratio Lower Upper
84 100
49 106.5 71.4 107.2
51 37.1 24.5 36.7#
86 63.8 48.7 73.1



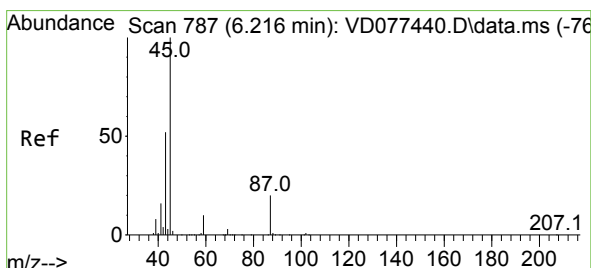
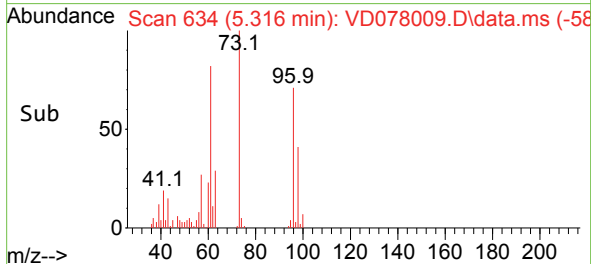
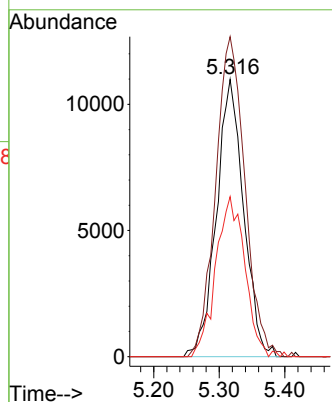


#21
trans-1,2-Dichloroethene
Concen: 22.240 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

Instrument :
MSVOA_D
ClientSampleId :

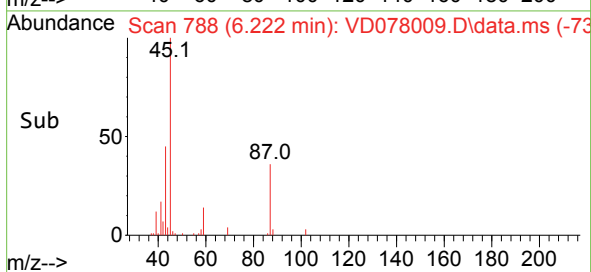
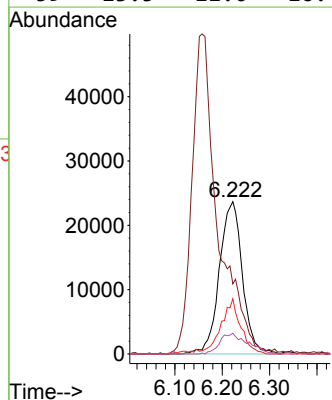
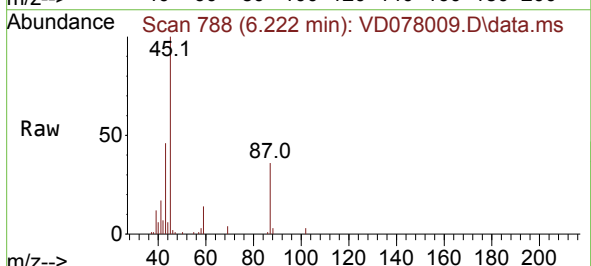


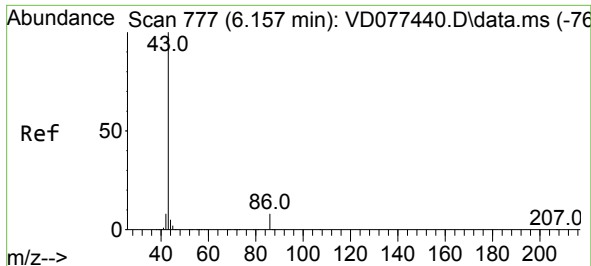
Tgt Ion: 96 Resp: 31595
Ion Ratio Lower Upper
96 100
61 115.4 89.3 133.9
98 57.7 48.6 73.0



#22
Diisopropyl ether
Concen: 22.138 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

Tgt Ion: 45 Resp: 79803
Ion Ratio Lower Upper
45 100
43 43.7 40.0 60.0
87 36.3 28.2 42.4
59 13.5 11.0 16.4

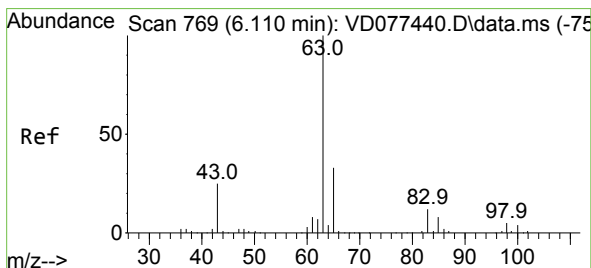
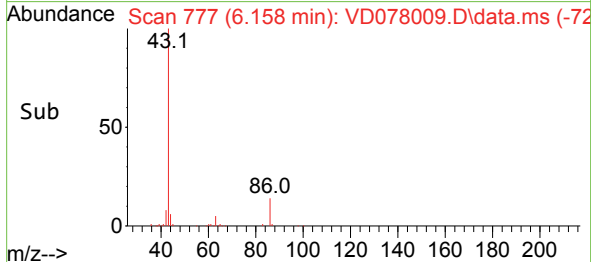
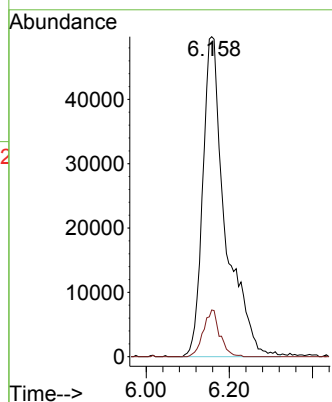
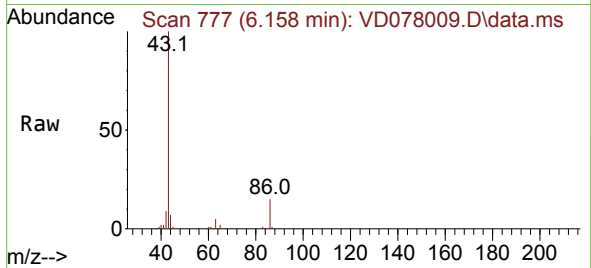




#23
 Vinyl Acetate
 Concen: 107.365 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD078009.D
 Acq: 20 Dec 2023 23:31

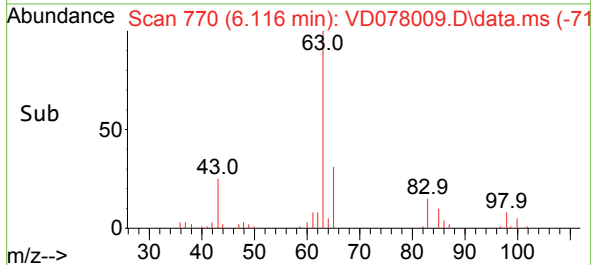
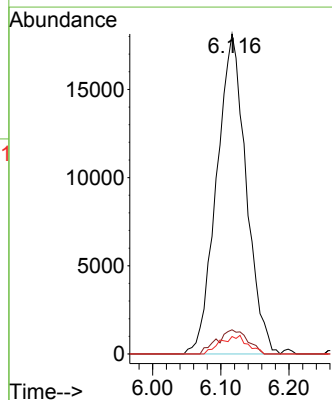
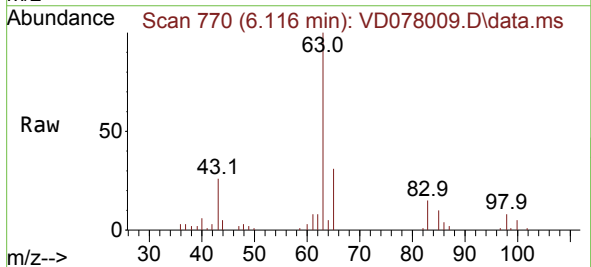
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 43 Resp: 189002
 Ion Ratio Lower Upper
 43 100
 86 14.6 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 22.371 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD078009.D
 Acq: 20 Dec 2023 23:31

Tgt Ion: 63 Resp: 54611
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.5 13.7
 100 5.5 2.5 7.5

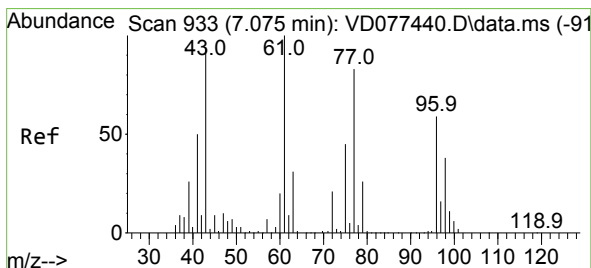
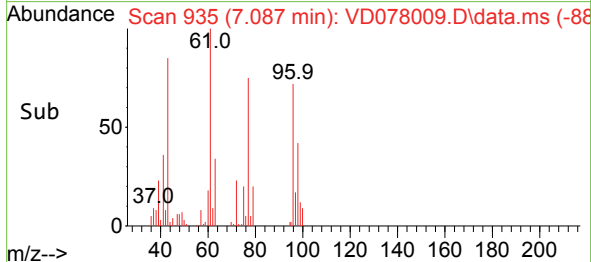
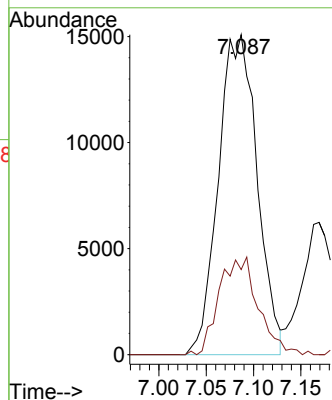
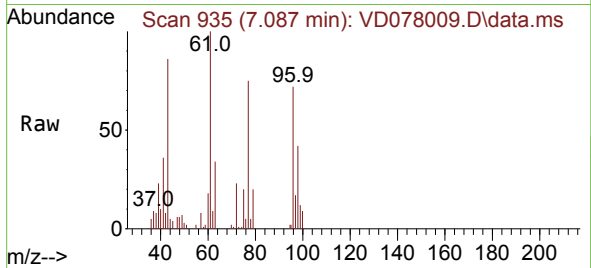




#25
2-Butanone
Concen: 118.899 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

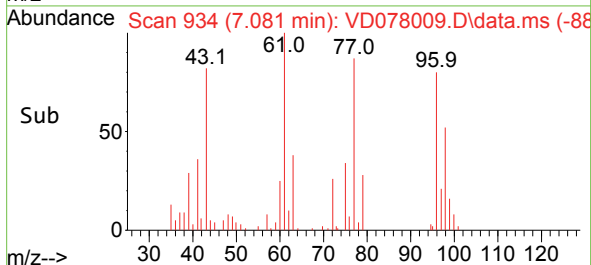
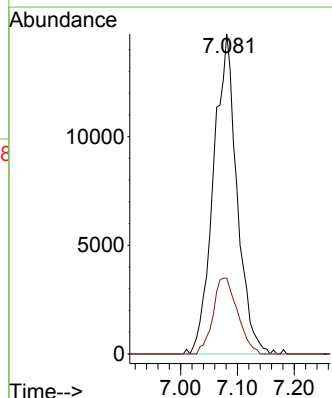
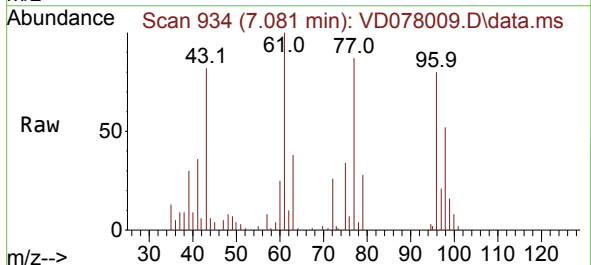
Instrument :
MSVOA_D
ClientSampleId :

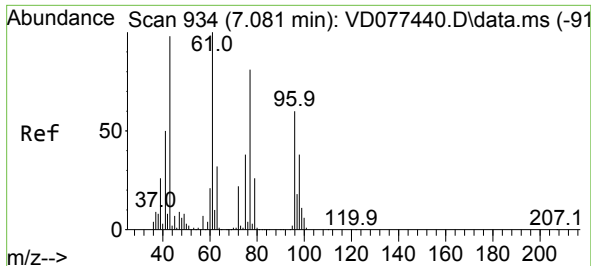
Tgt Ion: 43 Resp: 42847
Ion Ratio Lower Upper
43 100
72 26.6 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 20.694 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

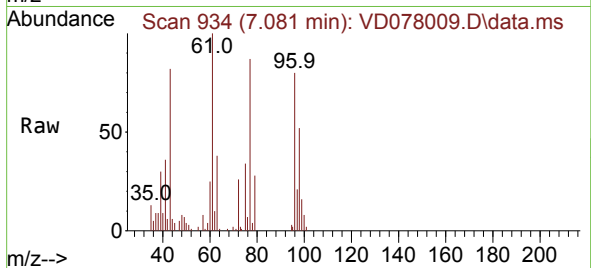
Tgt Ion: 77 Resp: 42414
Ion Ratio Lower Upper
77 100
97 24.6 13.2 39.6





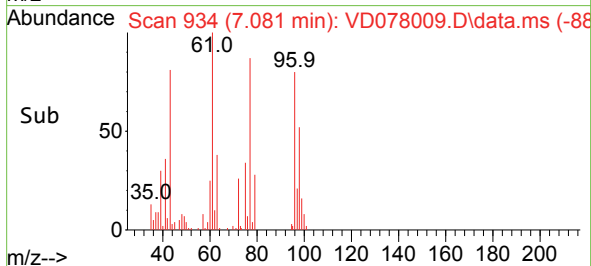
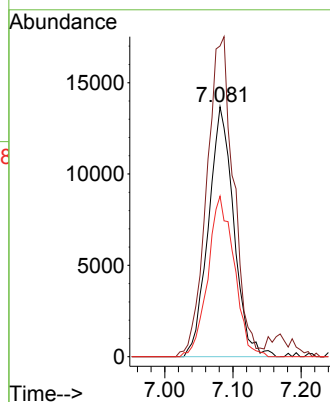
#27
 cis-1,2-Dichloroethene
 Concen: 23.139 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078009.D
 Acq: 20 Dec 2023 23:31

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 35371

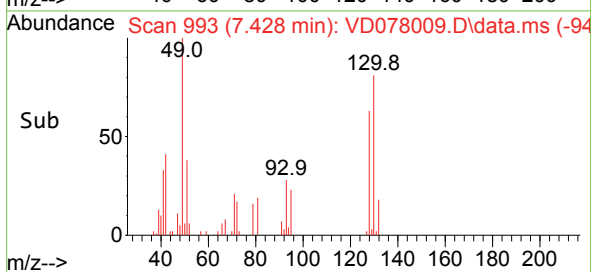
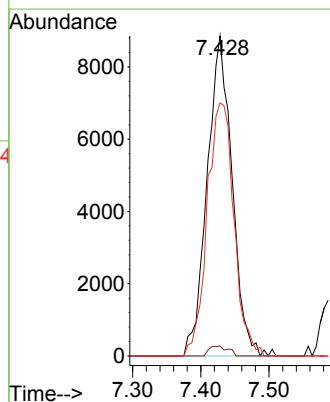
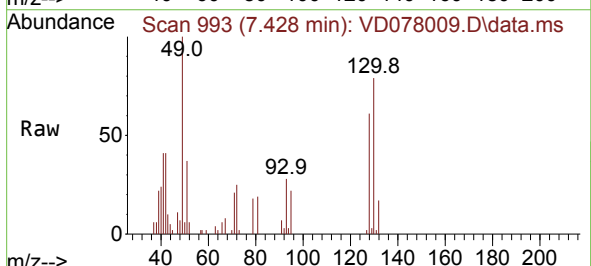
Ion	Ratio	Lower	Upper
96	100		
61	135.9	0.0	239.2
98	66.6	0.0	128.6

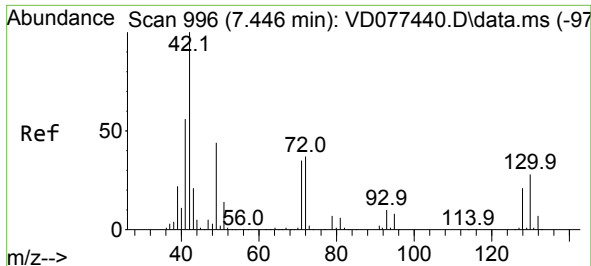


#28
 Bromochloromethane
 Concen: 22.869 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD078009.D
 Acq: 20 Dec 2023 23:31

Tgt Ion: 49 Resp: 22559

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	6.0
130	84.7	83.2	124.8





#29

Tetrahydrofuran

Concen: 104.785 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

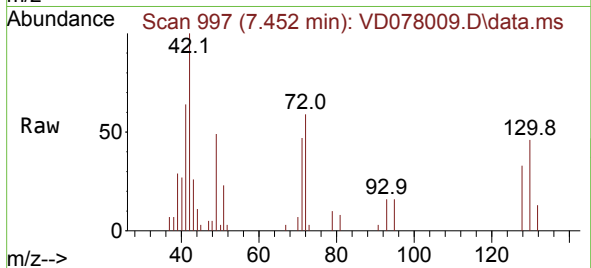
Lab File: VD078009.D

Acq: 20 Dec 2023 23:31

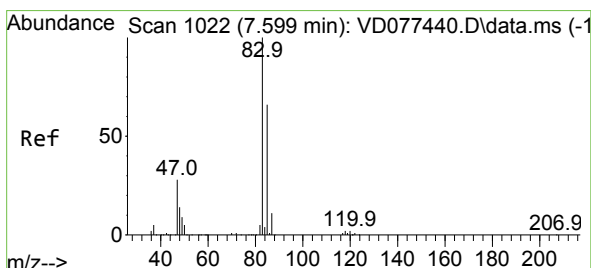
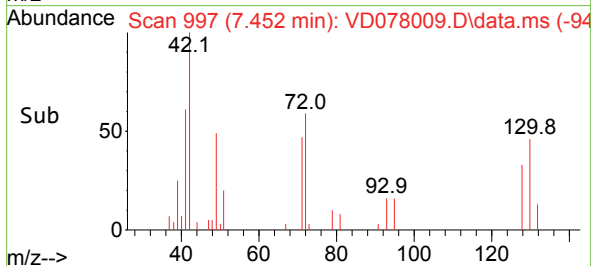
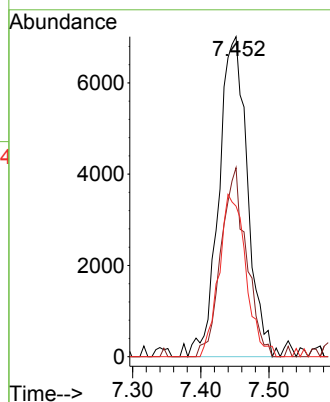
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	20516
Ion	Ratio	Lower	Upper
42	100		
72	52.6	46.5	69.7
71	47.6	44.5	66.7



#30

Chloroform

Concen: 24.274 ug/l

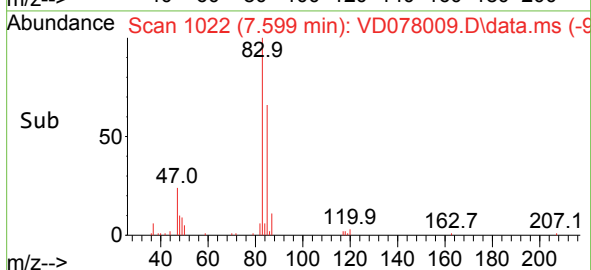
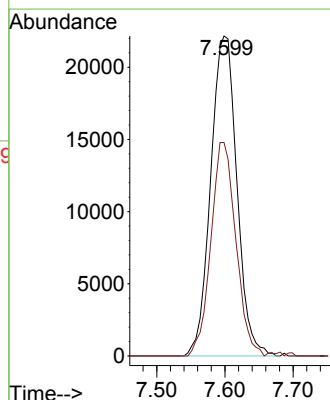
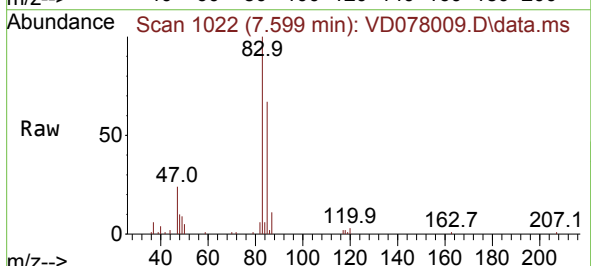
RT: 7.599 min Scan# 1022

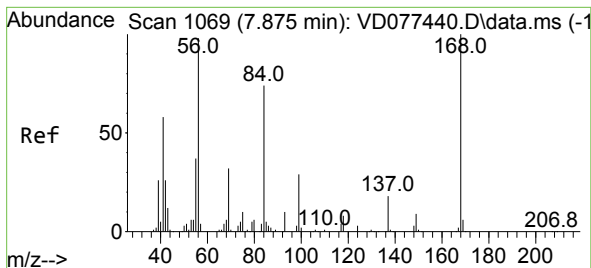
Delta R.T. -0.000 min

Lab File: VD078009.D

Acq: 20 Dec 2023 23:31

Tgt Ion:	83	Resp:	59306
Ion	Ratio	Lower	Upper
83	100		
85	66.7	53.4	80.2





#31

Cyclohexane

Concen: 18.178 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

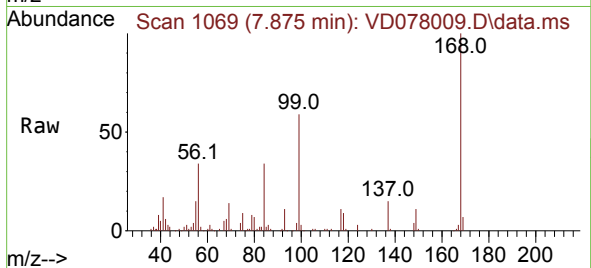
Lab File: VD078009.D

Acq: 20 Dec 2023 23:31

Instrument :

MSVOA_D

ClientSampleId :



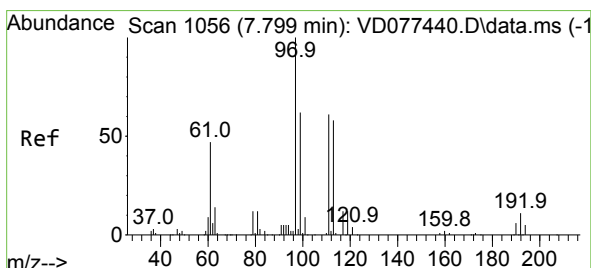
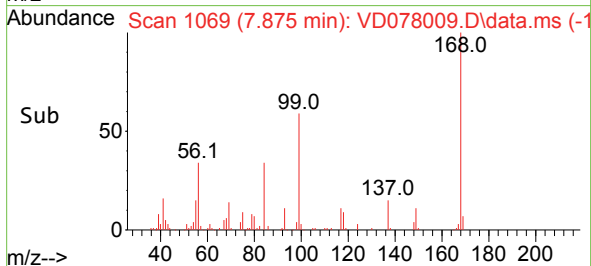
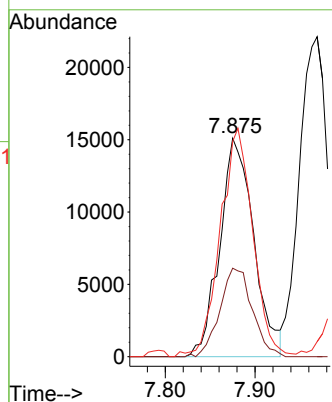
Tgt Ion: 56 Resp: 39755

Ion Ratio Lower Upper

56 100

69 40.5 28.6 43.0

84 96.3 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 21.760 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD078009.D

Acq: 20 Dec 2023 23:31

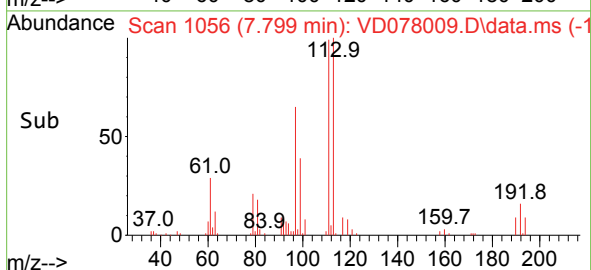
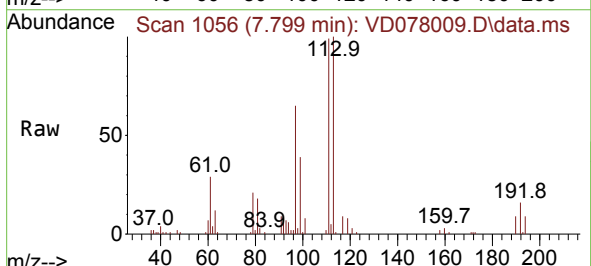
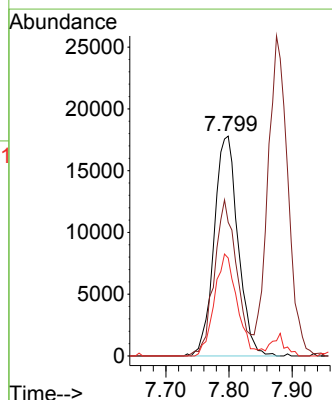
Tgt Ion: 97 Resp: 46867

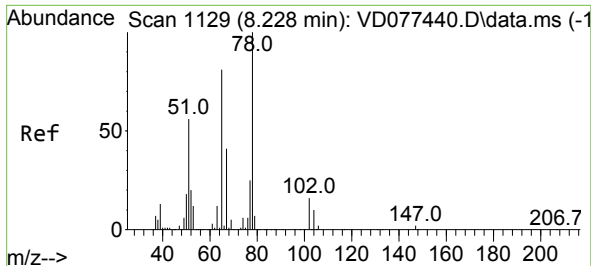
Ion Ratio Lower Upper

97 100

99 67.5 52.0 78.0

61 44.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 56.701 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD078009.D

Acq: 20 Dec 2023 23:31

Instrument :

MSVOA_D

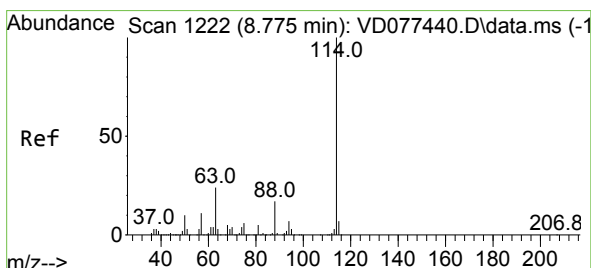
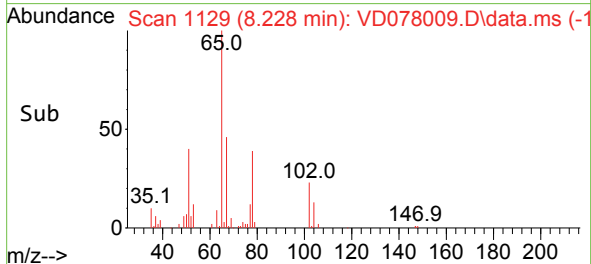
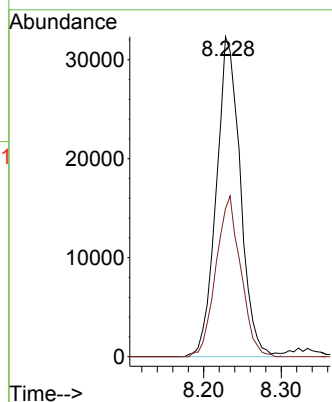
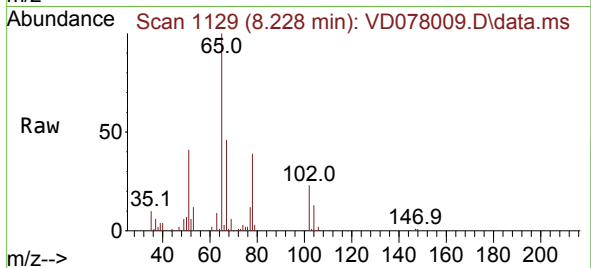
ClientSampleId :

Tgt Ion: 65 Resp: 69716

Ion Ratio Lower Upper

65 100

67 51.8 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: VD078009.D

Acq: 20 Dec 2023 23:31

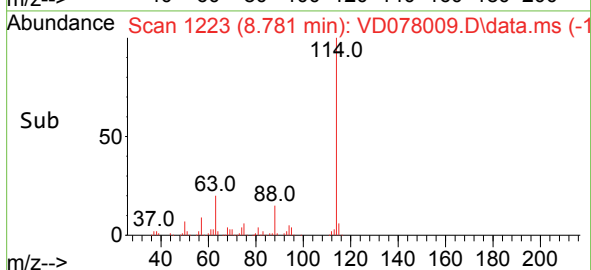
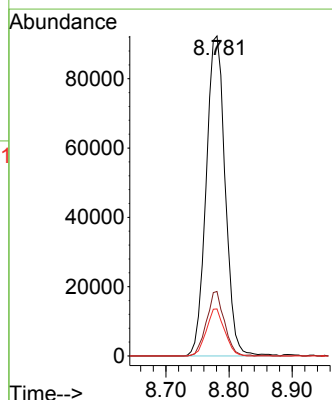
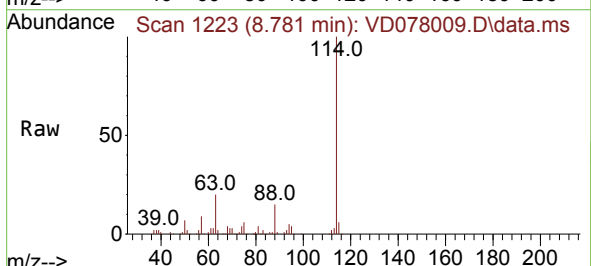
Tgt Ion: 114 Resp: 193281

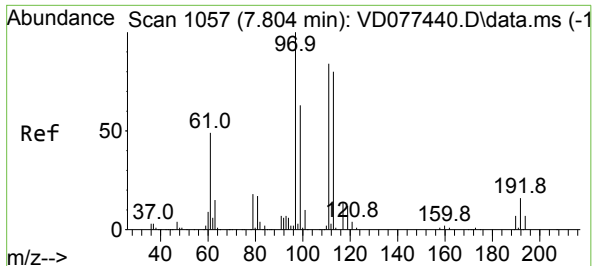
Ion Ratio Lower Upper

114 100

63 20.1 0.0 33.4

88 14.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 52.855 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

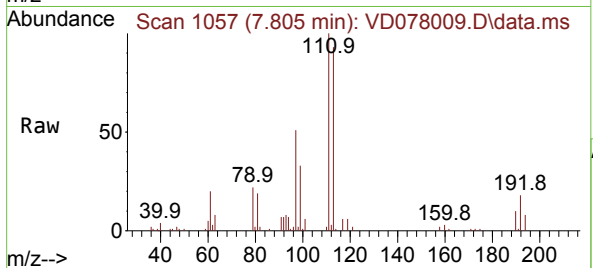
Lab File: VD078009.D

Acq: 20 Dec 2023 23:31

Instrument :

MSVOA_D

ClientSampleId :



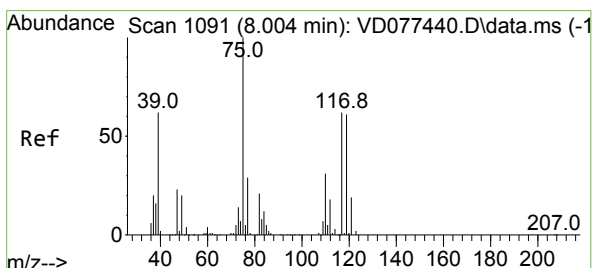
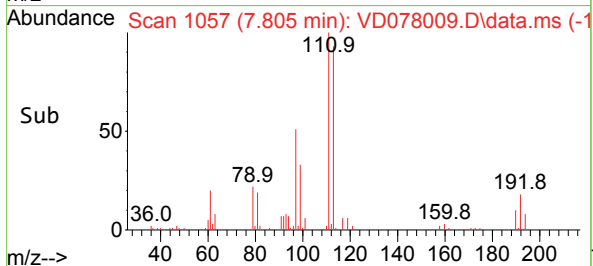
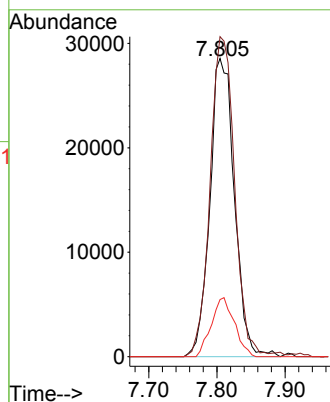
Tgt Ion:113 Resp: 71558

Ion Ratio Lower Upper

113 100

111 106.6 84.7 127.1

192 18.6 16.8 25.2



#36

1,1-Dichloropropene

Concen: 18.525 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD078009.D

Acq: 20 Dec 2023 23:31

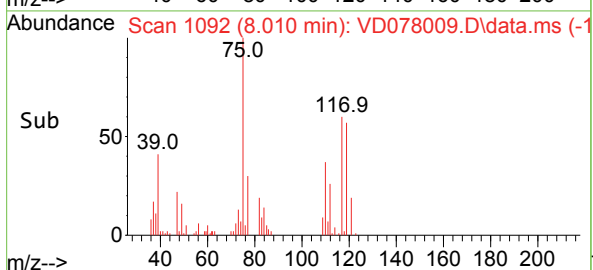
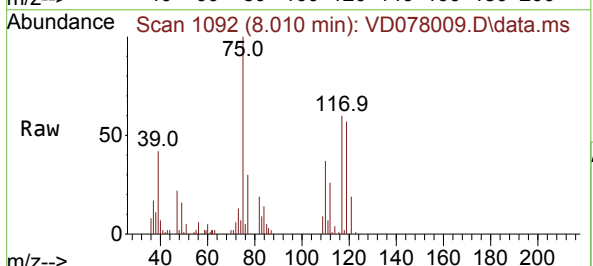
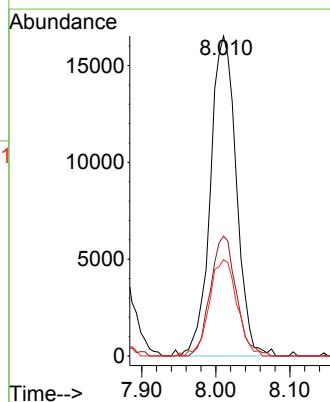
Tgt Ion: 75 Resp: 40118

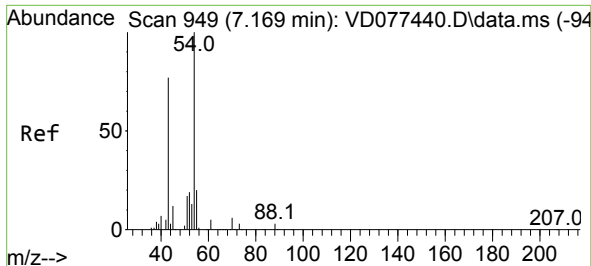
Ion Ratio Lower Upper

75 100

110 37.4 19.9 59.6

77 32.2 24.7 37.1

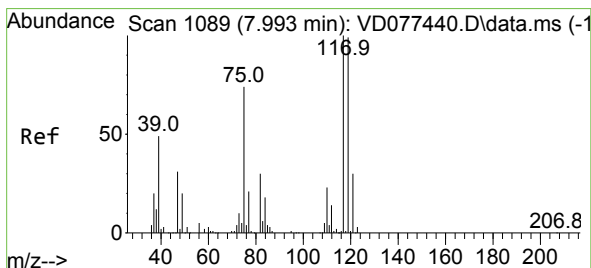
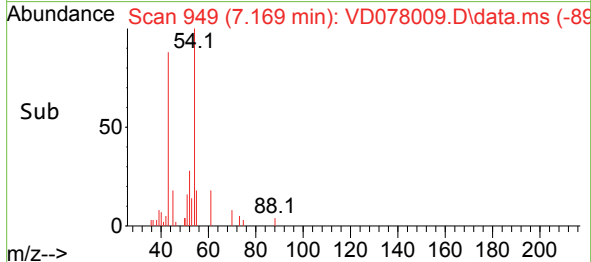
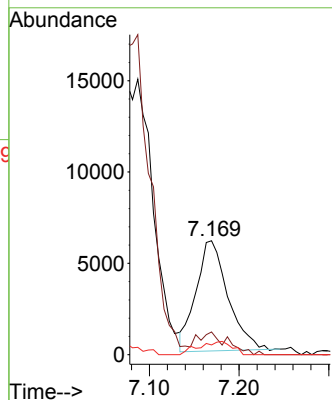
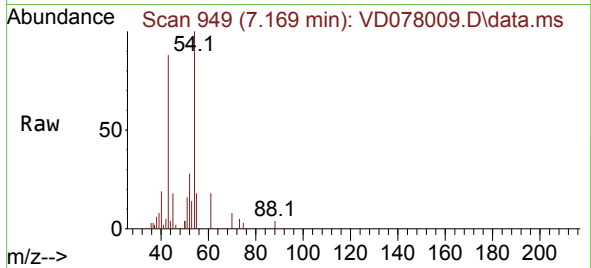




#37
Ethyl Acetate
Concen: 17.661 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

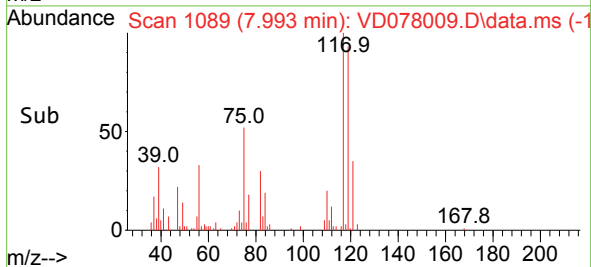
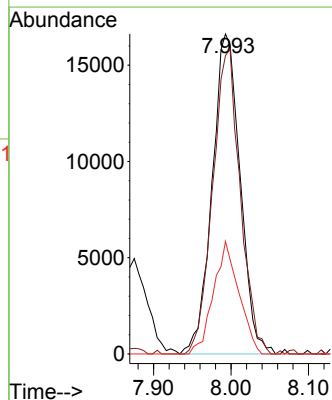
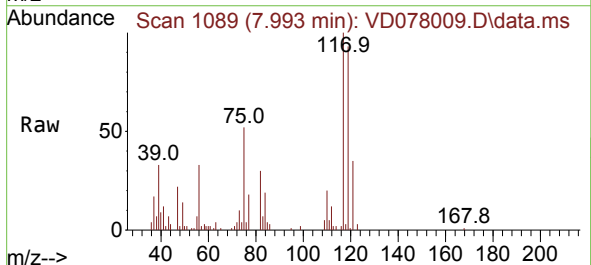
Instrument :
MSVOA_D
ClientSampleId :

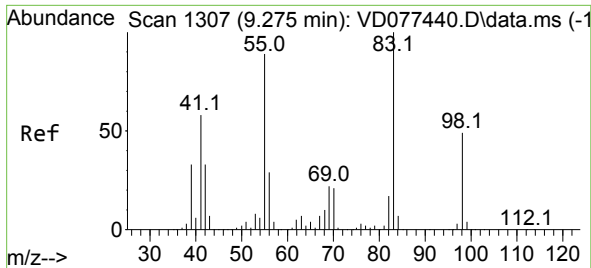
Tgt Ion: 43 Resp: 14913
Ion Ratio Lower Upper
43 100
61 19.4 14.9 22.3
70 12.4 10.0 15.0



#38
Carbon Tetrachloride
Concen: 19.331 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

Tgt Ion: 117 Resp: 41735
Ion Ratio Lower Upper
117 100
119 93.3 78.0 117.0
121 35.2 24.2 36.2

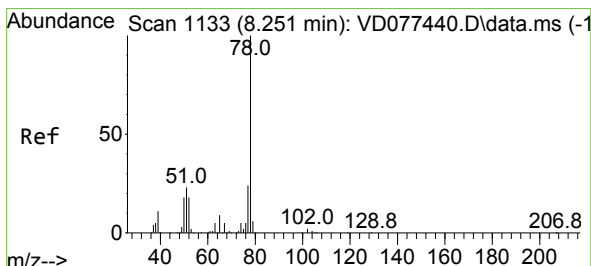
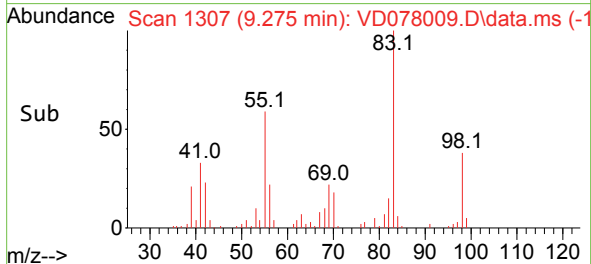
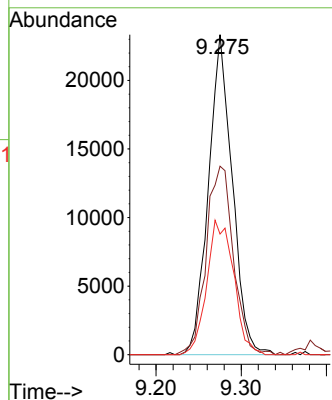
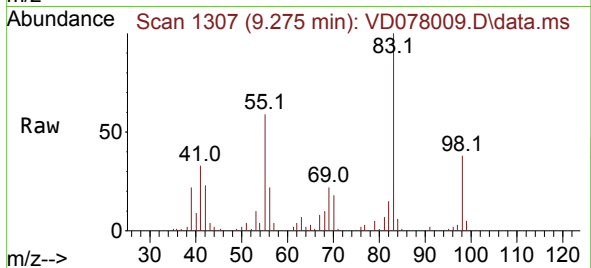




#39
Methylcyclohexane
Concen: 17.699 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

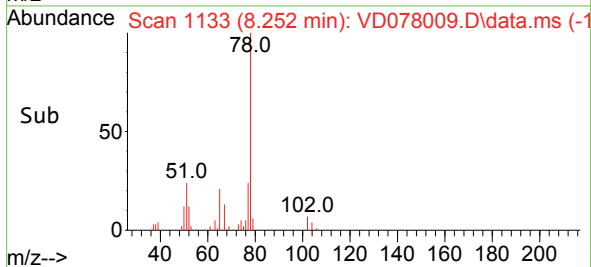
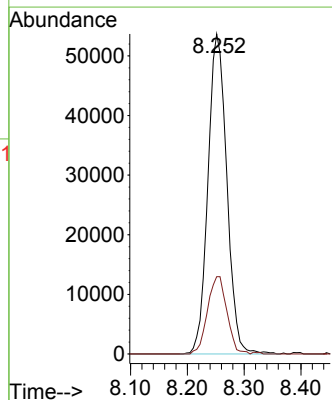
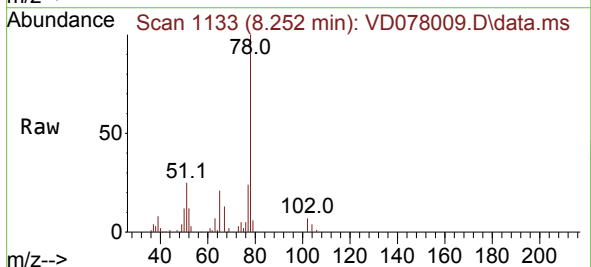
Instrument :
MSVOA_D
ClientSampleId :

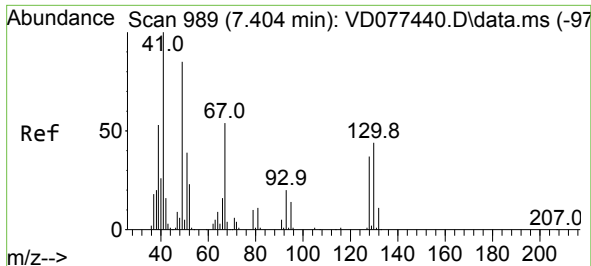
Tgt Ion: 83 Resp: 45438
Ion Ratio Lower Upper
83 100
55 58.2 49.4 74.0
98 37.7 38.4 57.6#



#40
Benzene
Concen: 20.073 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.001 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

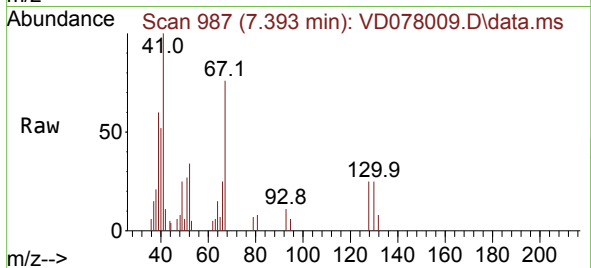
Tgt Ion: 78 Resp: 123379
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0



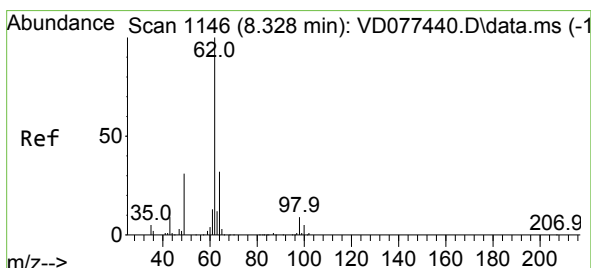
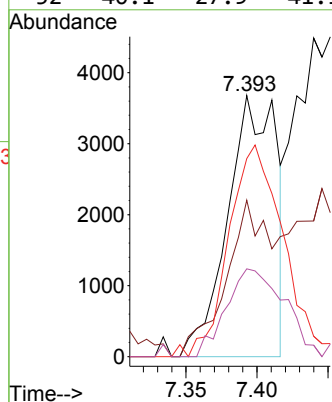
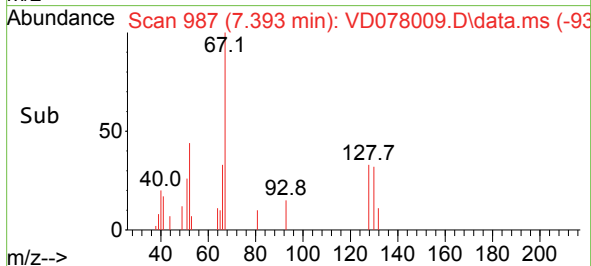


#41
Methacrylonitrile
Concen: 20.427 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.011 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

Instrument :
MSVOA_D
ClientSampleId :

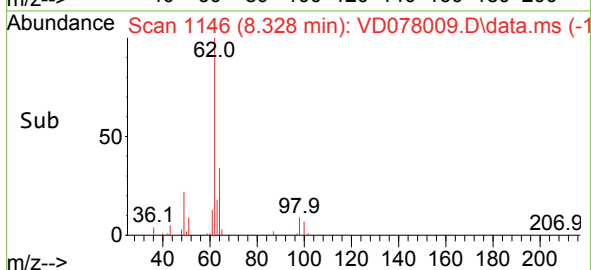
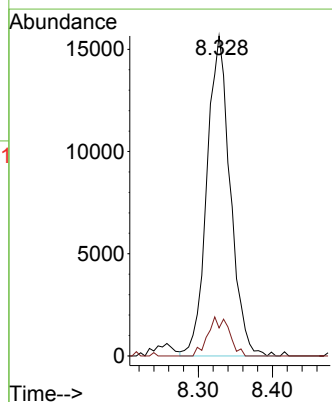
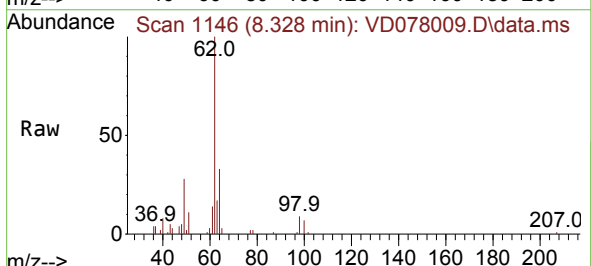


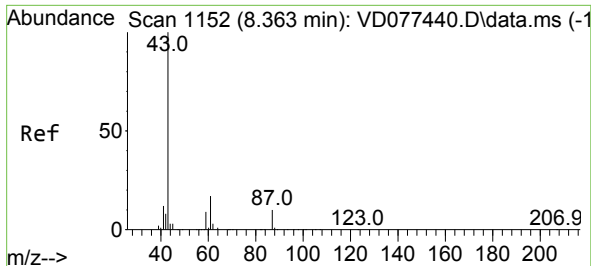
Tgt Ion: 41 Resp: 8767
Ion Ratio Lower Upper
41 100
39 51.5 34.0 51.0#
67 92.3 77.0 115.4
52 40.1 27.9 41.9



#42
1,2-Dichloroethane
Concen: 21.507 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

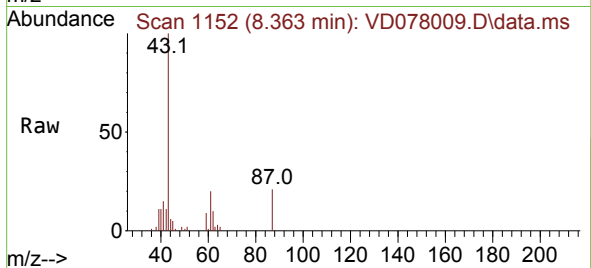
Tgt Ion: 62 Resp: 34265
Ion Ratio Lower Upper
62 100
98 11.0 0.0 25.4



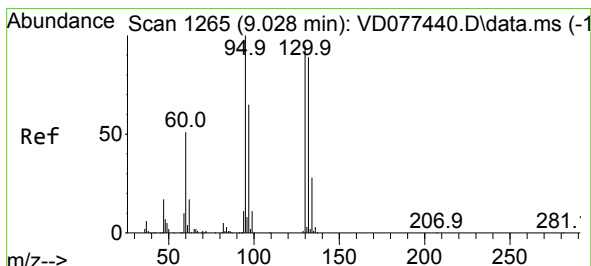
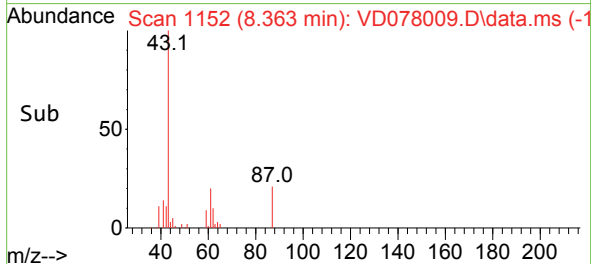
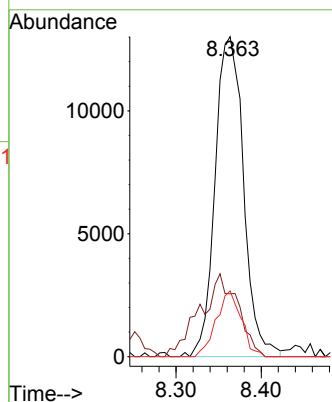


#43
Isopropyl Acetate
Concen: 20.113 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

Instrument :
MSVOA_D
ClientSampleId :

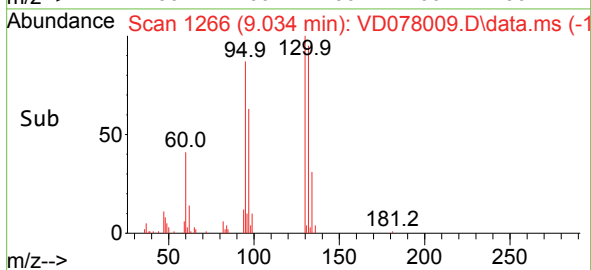
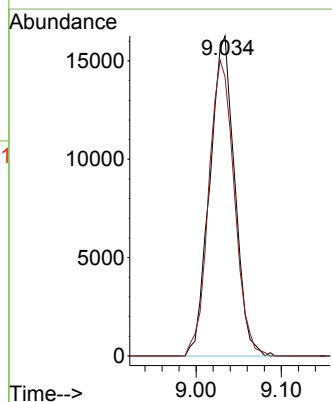
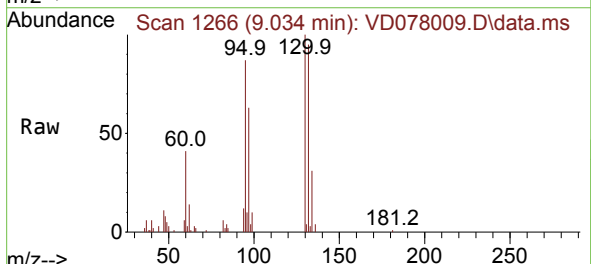


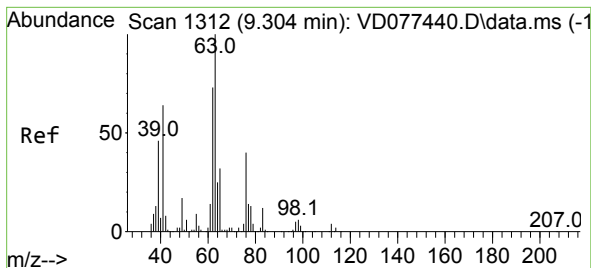
Tgt Ion: 43 Resp: 30191
Ion Ratio Lower Upper
43 100
61 34.5 31.4 47.0
87 18.1 14.9 22.3



#44
Trichloroethene
Concen: 20.608 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

Tgt Ion:130 Resp: 33009
Ion Ratio Lower Upper
130 100
95 87.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 21.676 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078009.D

Acq: 20 Dec 2023 23:31

Instrument :

MSVOA_D

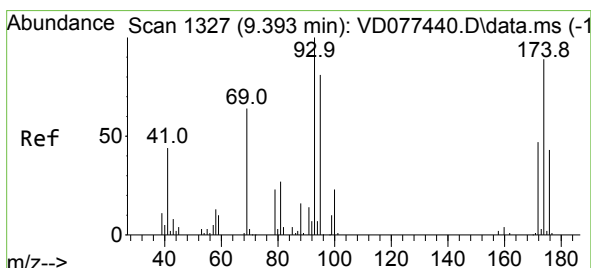
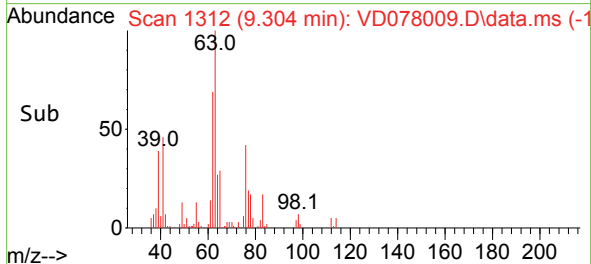
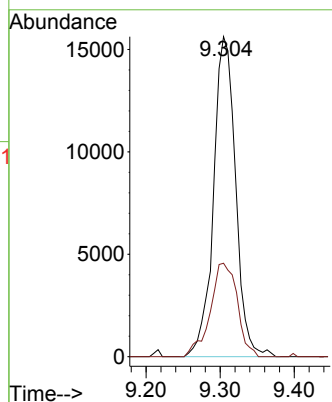
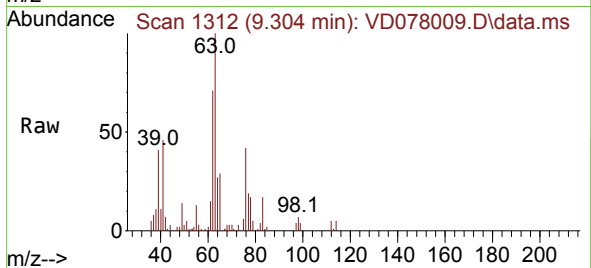
ClientSampleId :

Tgt Ion: 63 Resp: 32388

Ion Ratio Lower Upper

63 100

65 29.2 24.5 36.7



#46

Dibromomethane

Concen: 22.520 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD078009.D

Acq: 20 Dec 2023 23:31

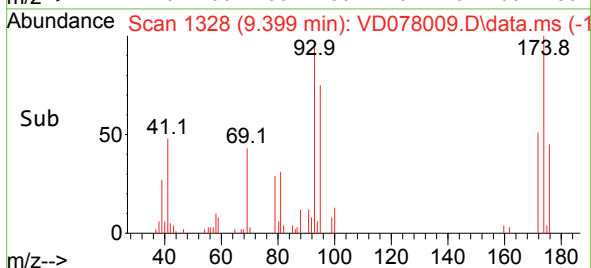
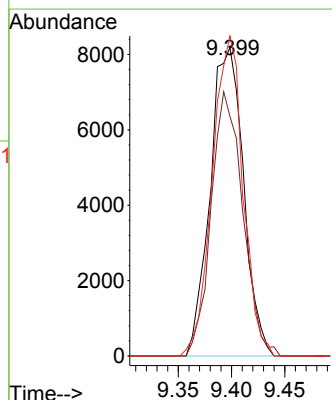
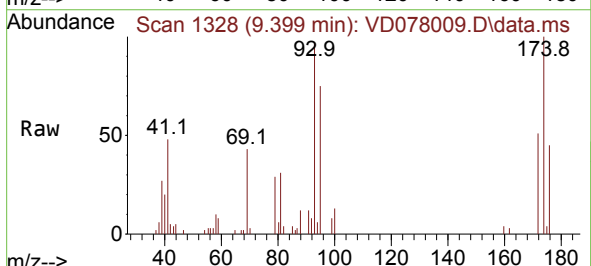
Tgt Ion: 93 Resp: 17804

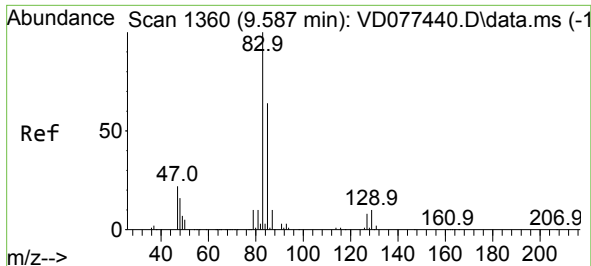
Ion Ratio Lower Upper

93 100

95 81.2 67.7 101.5

174 95.7 85.4 128.2

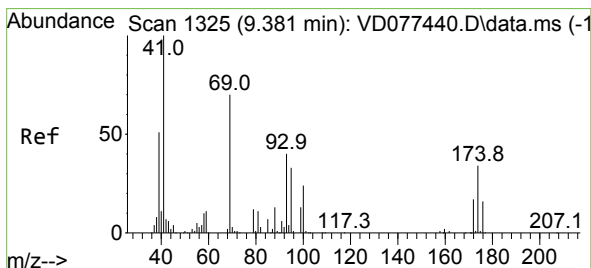
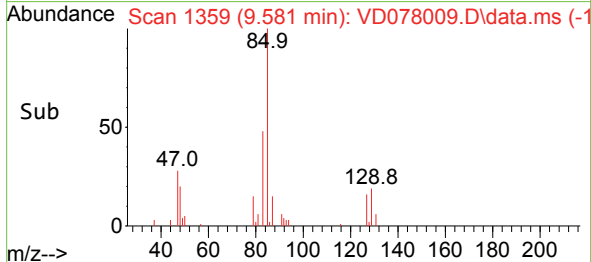
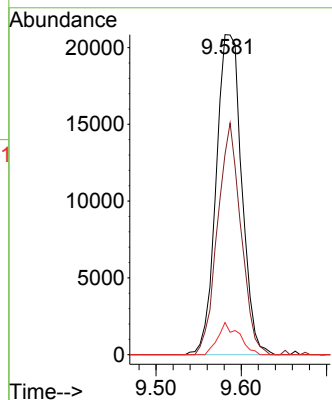
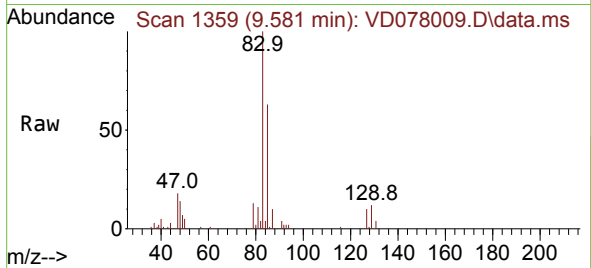




#47
Bromodichloromethane
Concen: 21.653 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

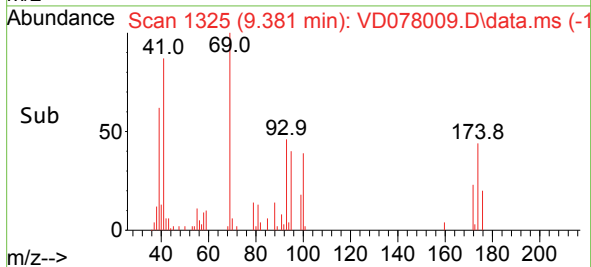
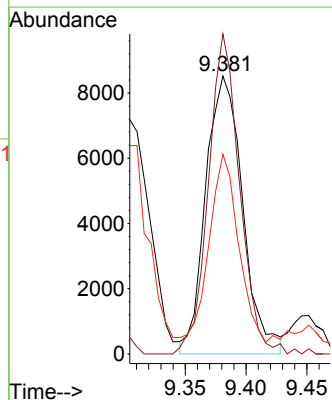
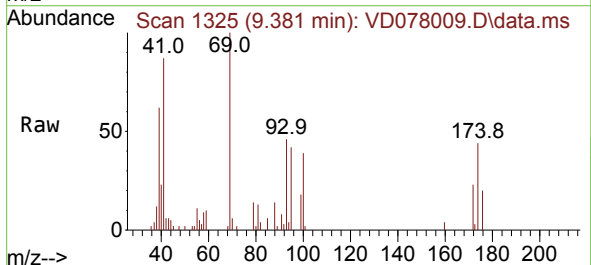
Instrument :
MSVOA_D
ClientSampleId :

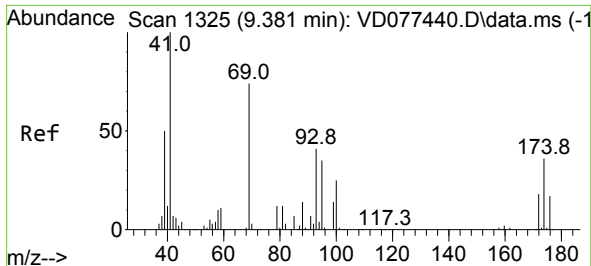
Tgt Ion: 83 Resp: 43389
Ion Ratio Lower Upper
83 100
85 62.6 50.2 75.4
127 10.1 6.3 9.5#



#48
Methyl methacrylate
Concen: 21.100 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

Tgt Ion: 41 Resp: 18004
Ion Ratio Lower Upper
41 100
69 97.5 102.2 153.2#
39 58.6 41.4 62.2





#49

1,4-Dioxane

Concen: 407.885 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

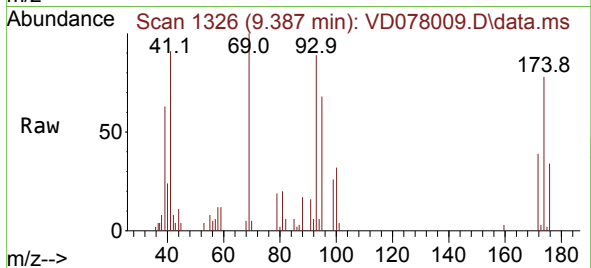
Lab File: VD078009.D

Acq: 20 Dec 2023 23:31

Instrument :

MSVOA_D

ClientSampleId :



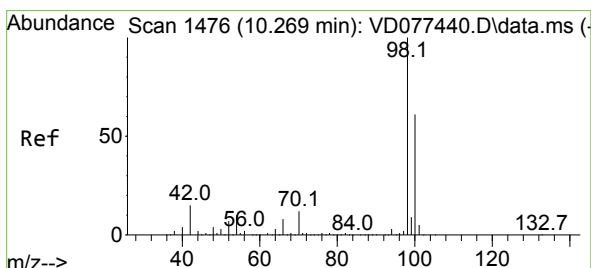
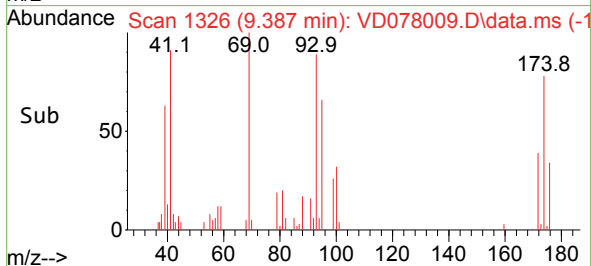
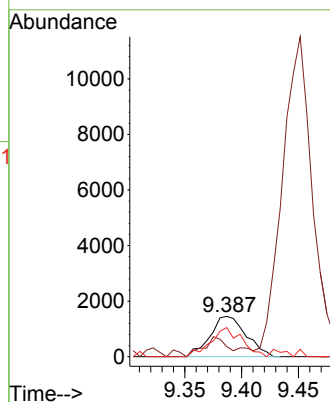
Tgt Ion: 88 Resp: 3202

Ion Ratio Lower Upper

88 100

43 30.3 19.0 28.6#

58 61.7 43.5 65.3



#50

Toluene-d8

Concen: 50.369 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078009.D

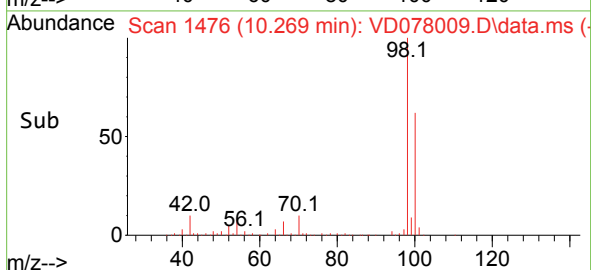
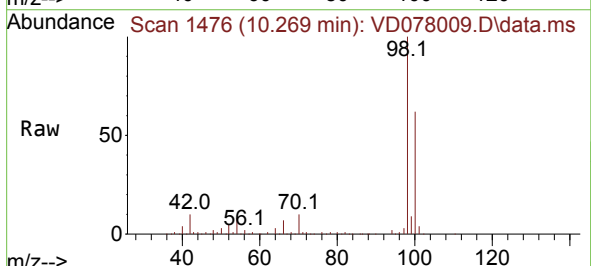
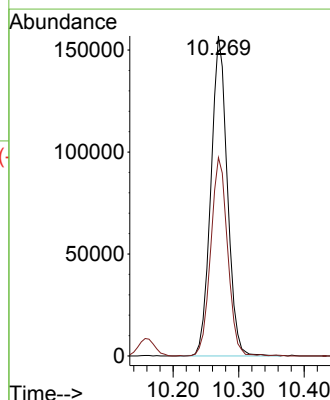
Acq: 20 Dec 2023 23:31

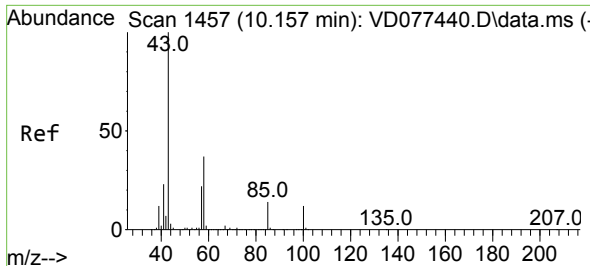
Tgt Ion: 98 Resp: 273121

Ion Ratio Lower Upper

98 100

100 63.7 50.3 75.5

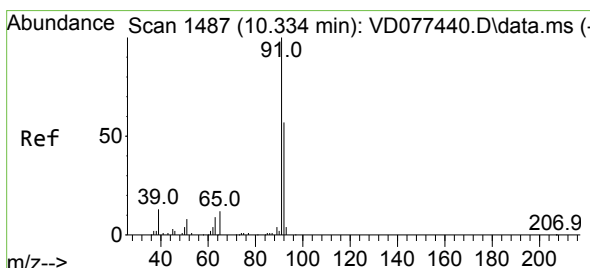
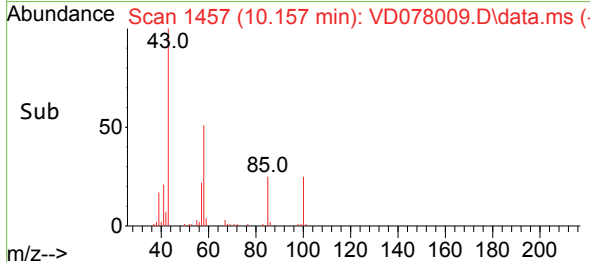
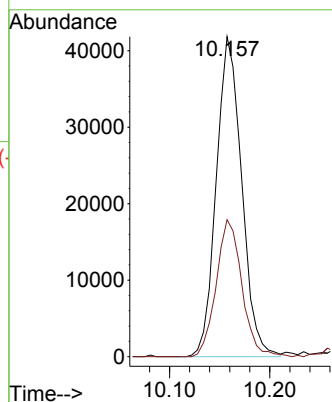
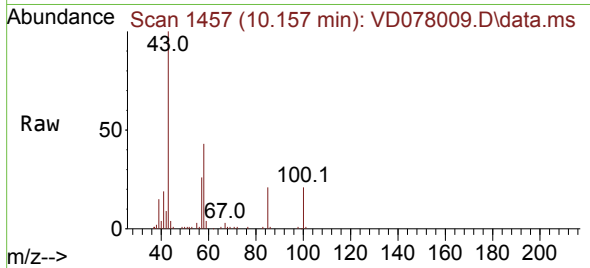




#51
4-Methyl-2-Pentanone
Concen: 95.808 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

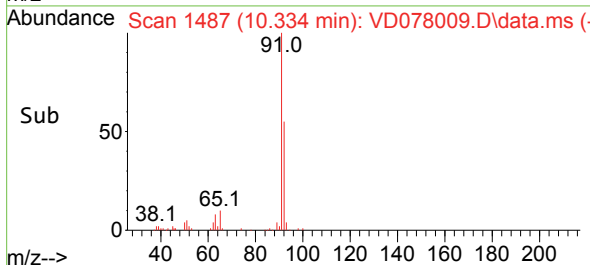
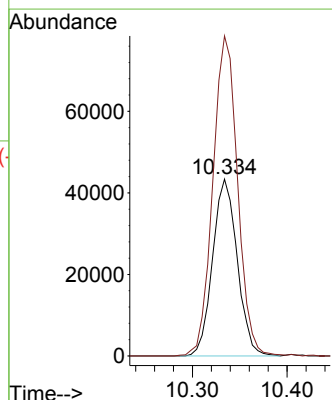
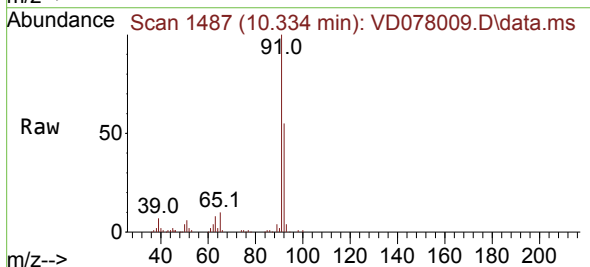
Instrument :
MSVOA_D
ClientSampleId :

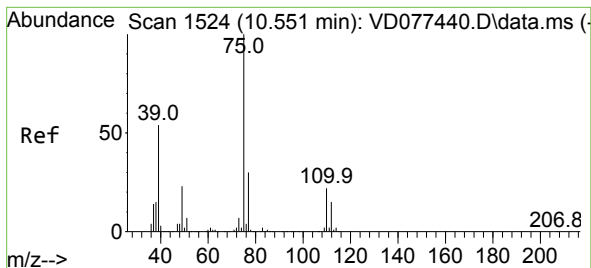
Tgt Ion: 43 Resp: 73396
Ion Ratio Lower Upper
43 100
58 43.3 38.9 58.3



#52
Toluene
Concen: 20.515 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

Tgt Ion: 92 Resp: 78217
Ion Ratio Lower Upper
92 100
91 182.2 143.0 214.4

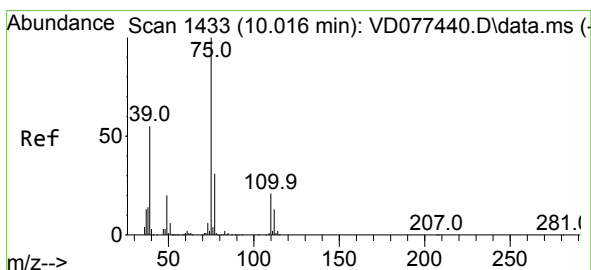
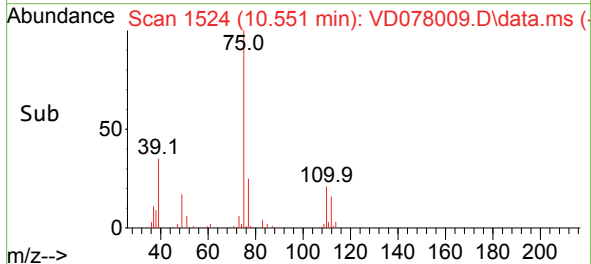
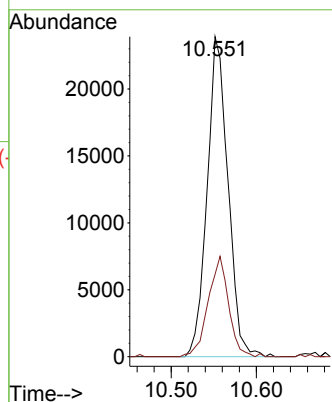
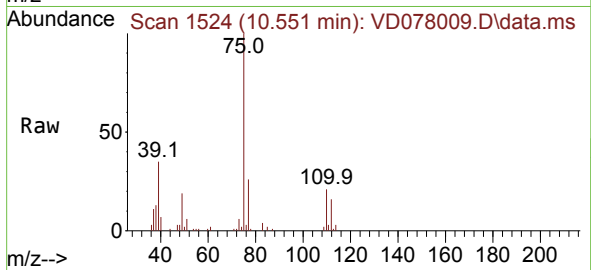




#53
t-1,3-Dichloropropene
Concen: 21.117 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

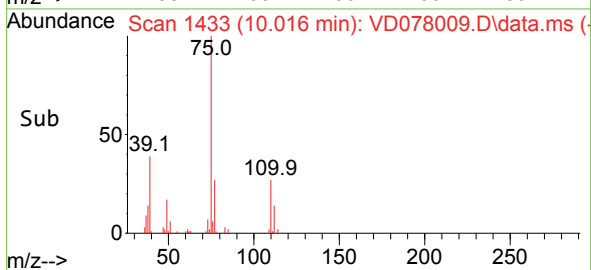
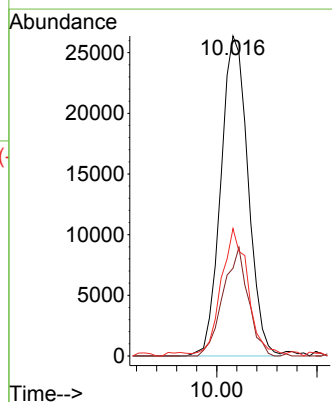
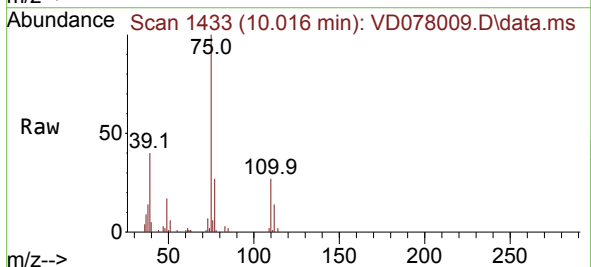
Instrument :
MSVOA_D
ClientSampleId :

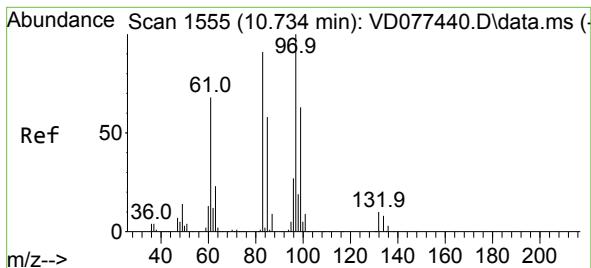
Tgt Ion: 75 Resp: 40636
Ion Ratio Lower Upper
75 100
77 25.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 21.332 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

Tgt Ion: 75 Resp: 49630
Ion Ratio Lower Upper
75 100
77 27.4 25.5 38.3
39 38.8 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 22.209 ug/l

RT: 10.740 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078009.D

Acq: 20 Dec 2023 23:31

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 24017

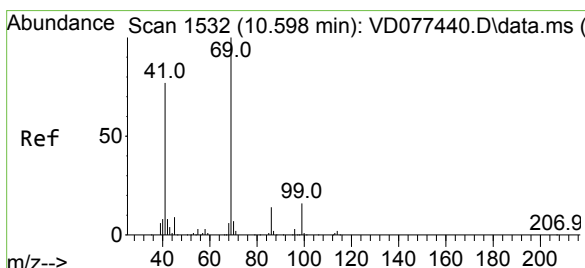
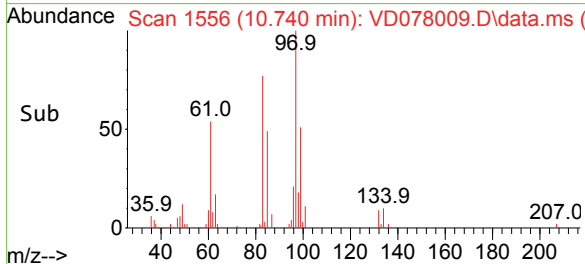
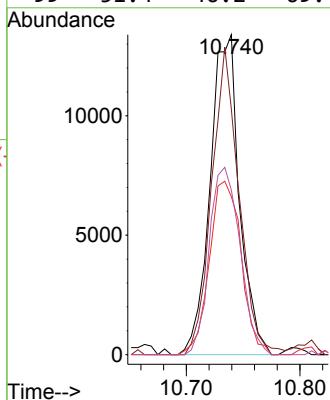
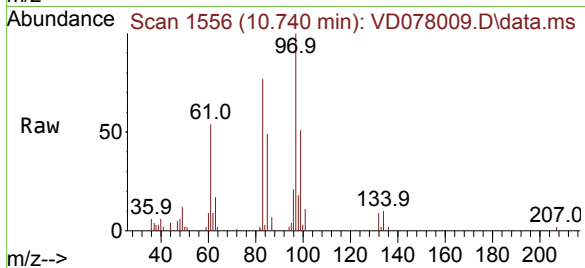
Ion Ratio Lower Upper

97 100

83 76.9 65.8 98.6

85 49.4 45.7 68.5

99 51.4 46.2 69.4



#56

Ethyl methacrylate

Concen: 20.819 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078009.D

Acq: 20 Dec 2023 23:31

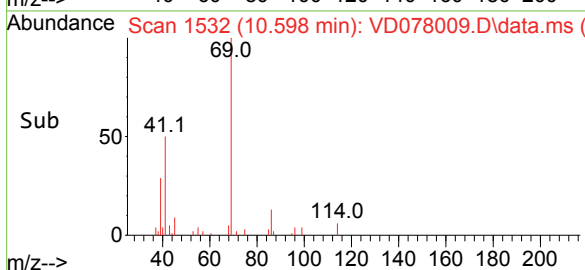
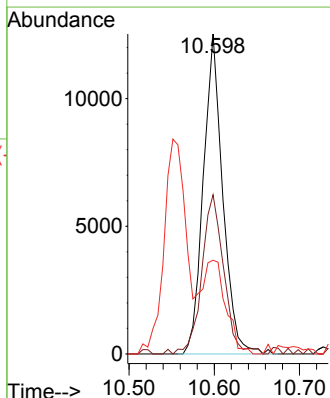
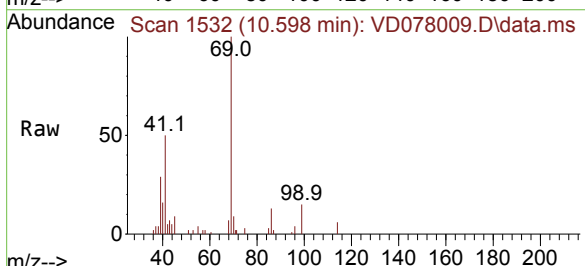
Tgt Ion: 69 Resp: 19846

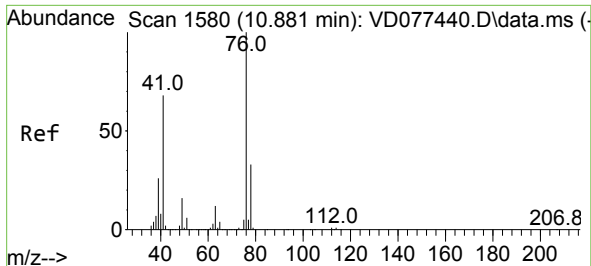
Ion Ratio Lower Upper

69 100

41 56.3 39.1 58.7

39 33.8 20.0 30.0#

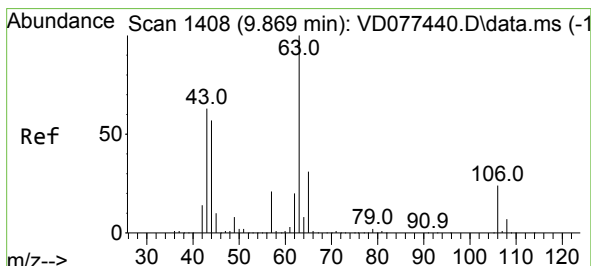
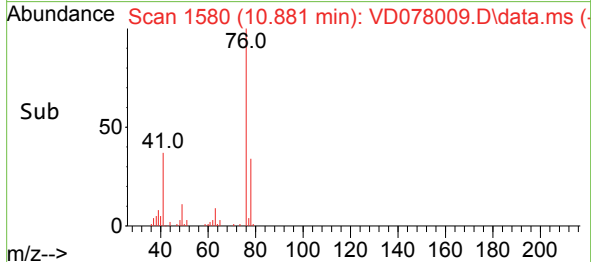
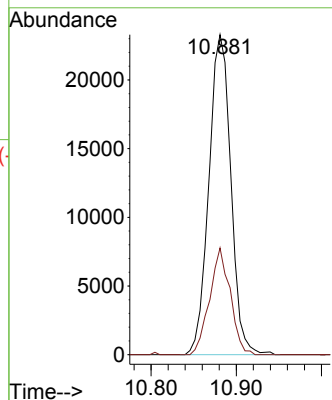
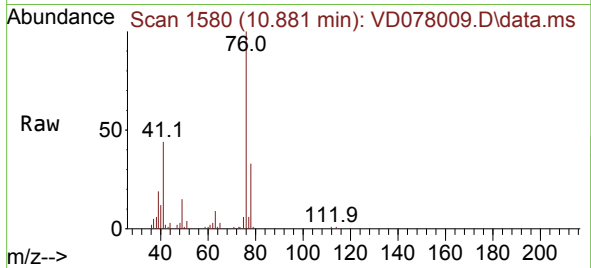




#57
1,3-Dichloropropane
Concen: 22.391 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

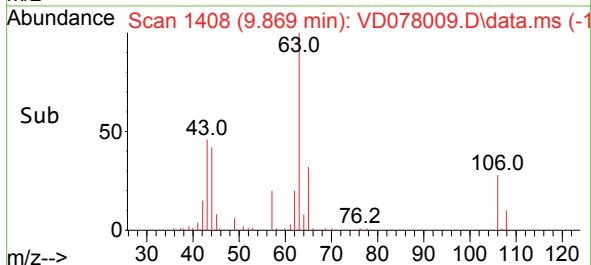
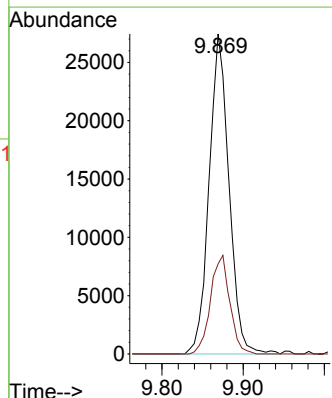
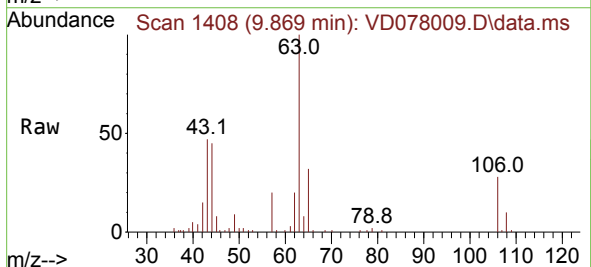
Instrument :
MSVOA_D
ClientSampleId :

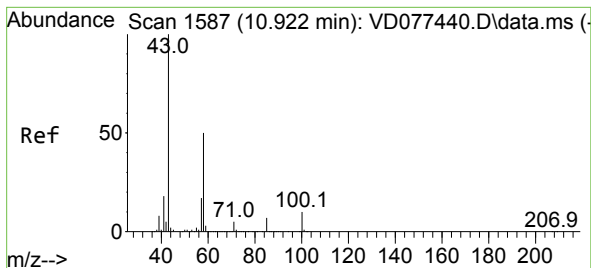
Tgt Ion: 76 Resp: 41738
Ion Ratio Lower Upper
76 100
78 31.4 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 85.793 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

Tgt Ion: 63 Resp: 46640
Ion Ratio Lower Upper
63 100
106 29.9 25.3 37.9

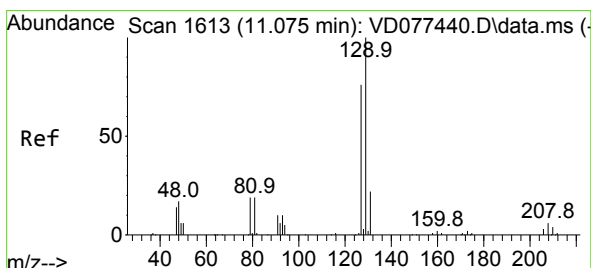
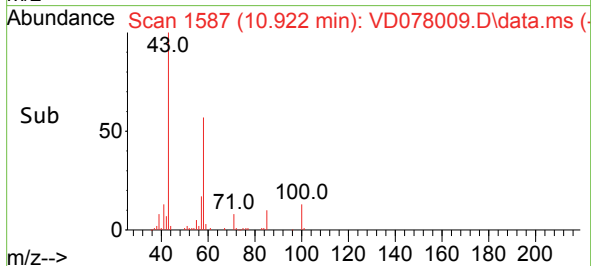
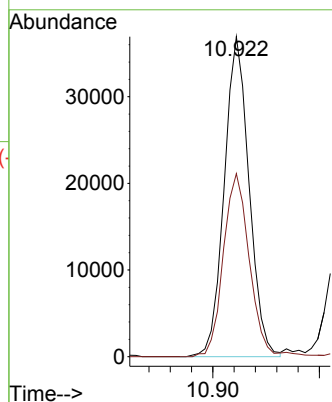
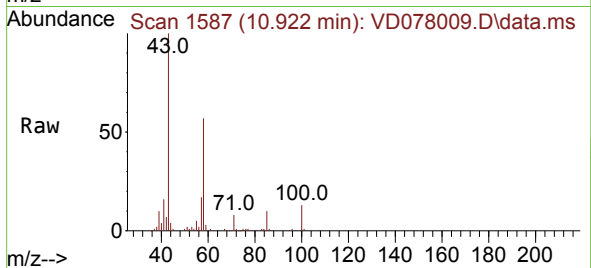




#59
2-Hexanone
Concen: 93.818 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

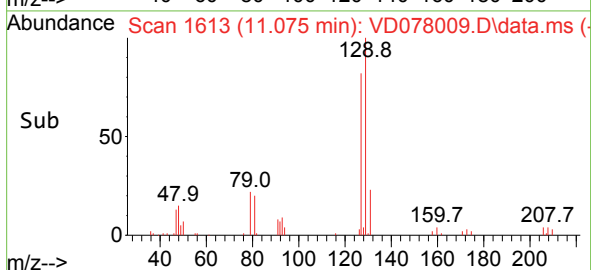
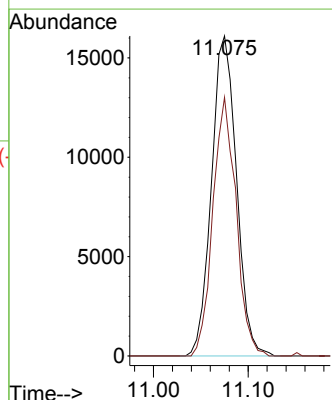
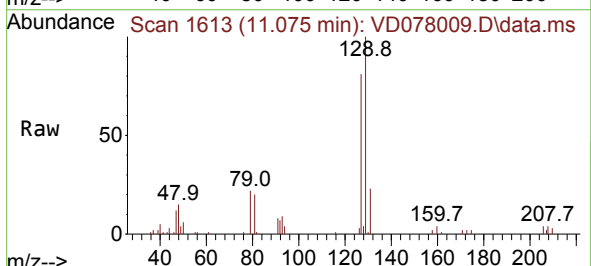
Instrument :
MSVOA_D
ClientSampleId :

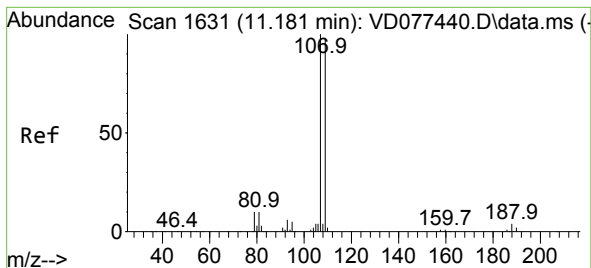
Tgt Ion: 43 Resp: 59628
Ion Ratio Lower Upper
43 100
58 60.3 34.1 102.2



#60
Dibromochloromethane
Concen: 22.679 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

Tgt Ion: 129 Resp: 29527
Ion Ratio Lower Upper
129 100
127 75.1 37.1 111.5

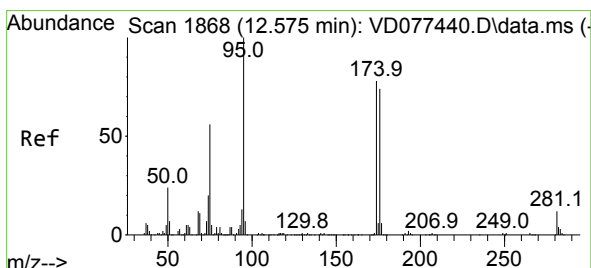
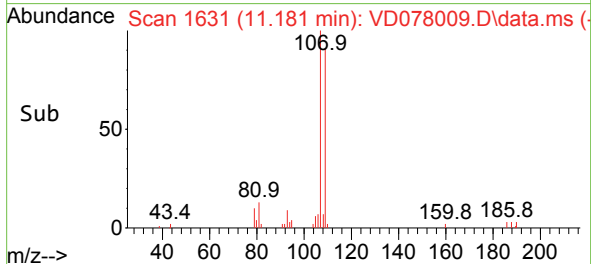
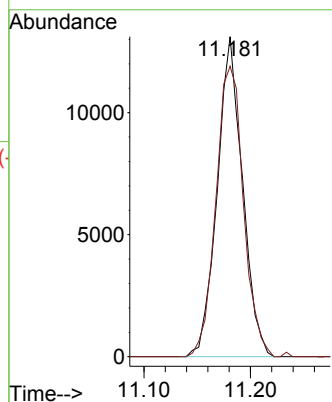
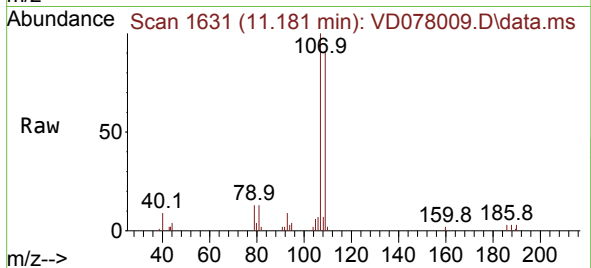




#61
1,2-Dibromoethane
Concen: 21.178 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

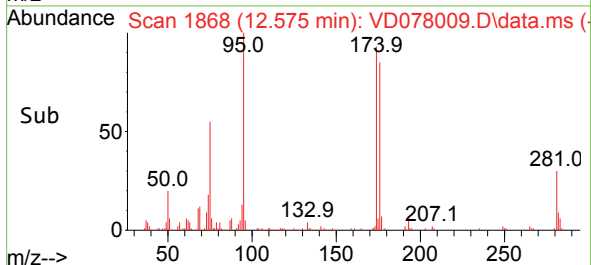
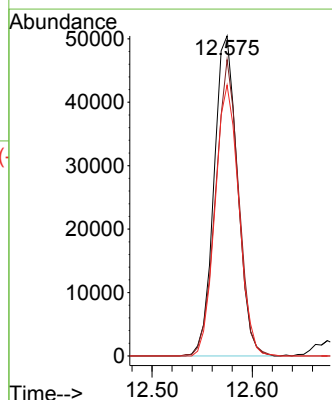
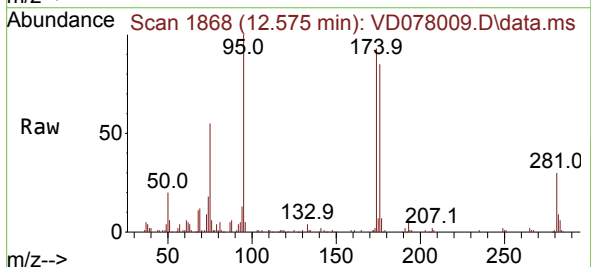
Instrument :
MSVOA_D
ClientSampleId :

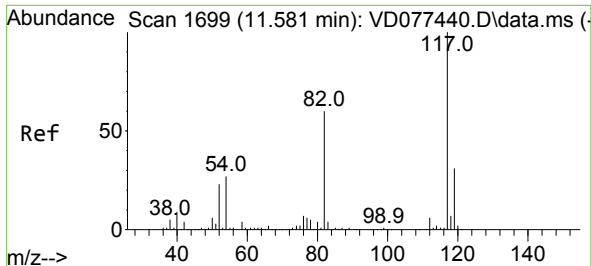
Tgt Ion:107 Resp: 21558
Ion Ratio Lower Upper
107 100
109 99.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.516 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

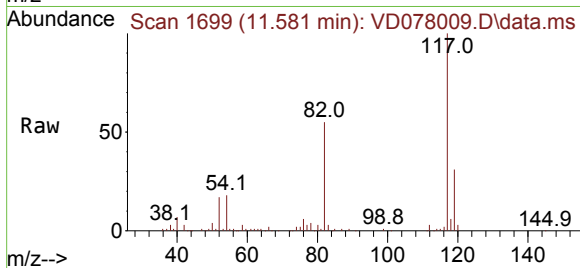
Tgt Ion: 95 Resp: 81895
Ion Ratio Lower Upper
95 100
174 91.2 0.0 201.8
176 86.0 0.0 191.8



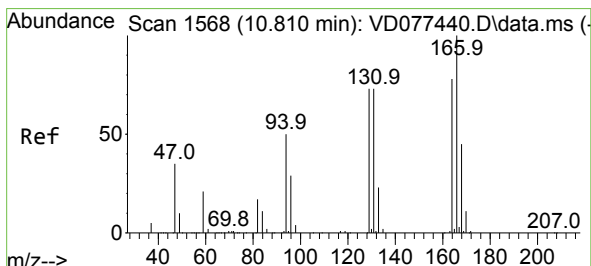
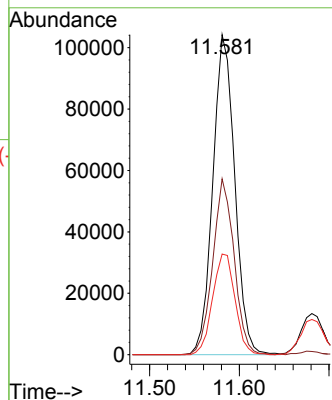
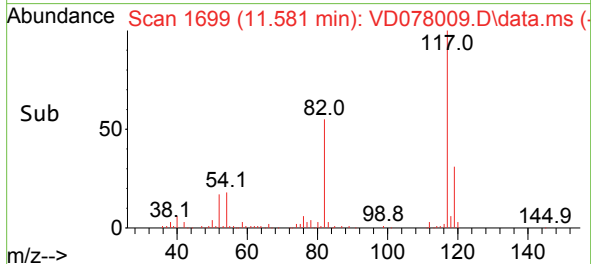


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

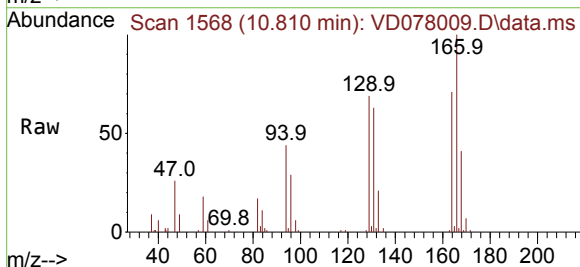
Instrument :
MSVOA_D
ClientSampleId :



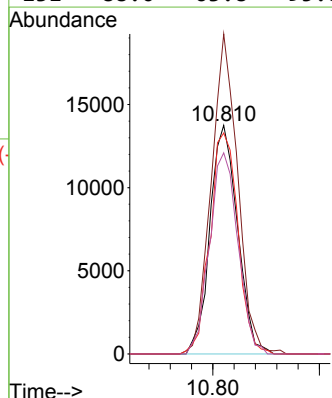
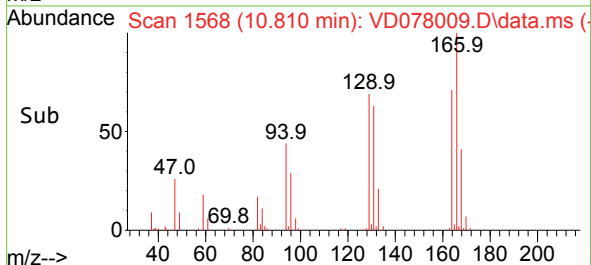
Tgt Ion:117 Resp: 177038
Ion Ratio Lower Upper
117 100
82 54.9 38.3 57.5
119 31.5 25.0 37.4

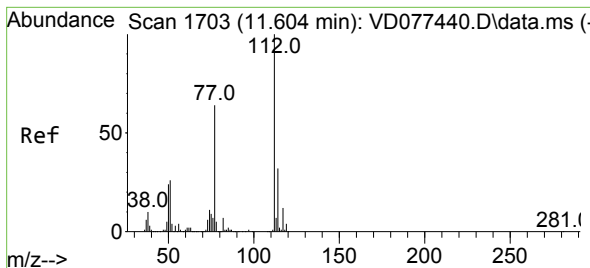


#64
Tetrachloroethene
Concen: 18.986 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31



Tgt Ion:164 Resp: 24705
Ion Ratio Lower Upper
164 100
166 140.0 99.2 148.8
129 96.7 68.4 102.6
131 88.0 63.8 95.8





#65

Chlorobenzene

Concen: 19.631 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD078009.D

Acq: 20 Dec 2023 23:31

Instrument :

MSVOA_D

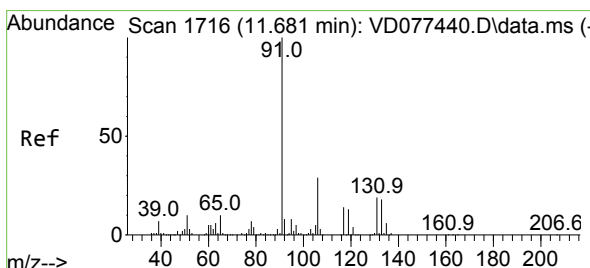
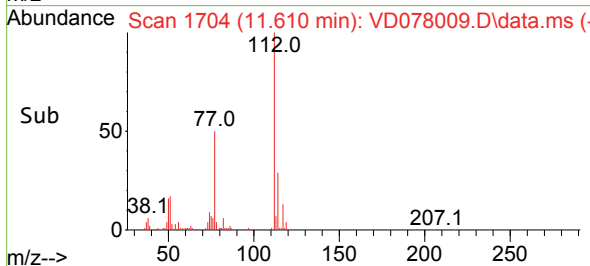
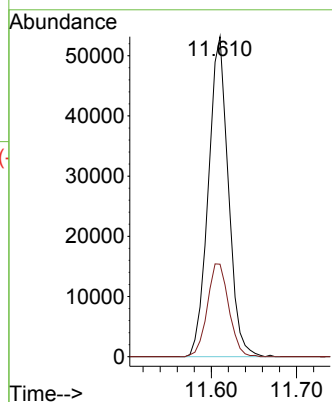
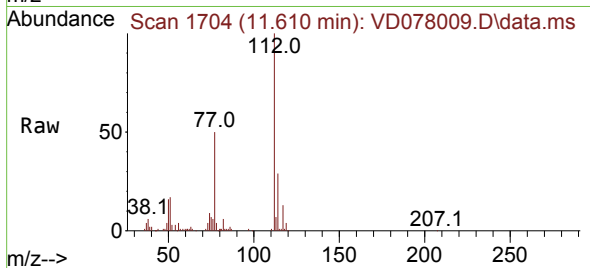
ClientSampleId :

Tgt Ion:112 Resp: 86635

Ion Ratio Lower Upper

112 100

114 28.9 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 20.671 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078009.D

Acq: 20 Dec 2023 23:31

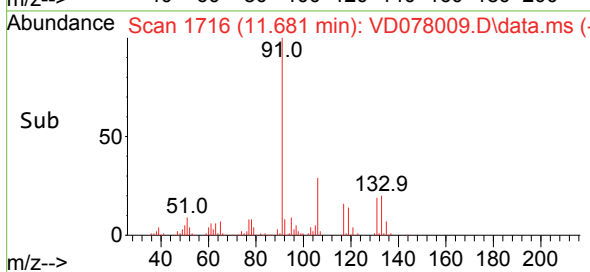
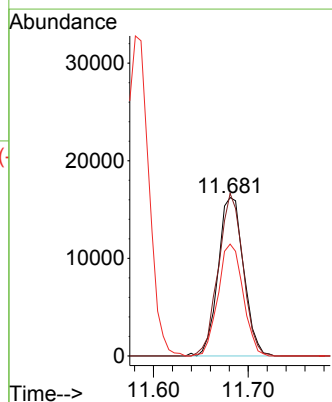
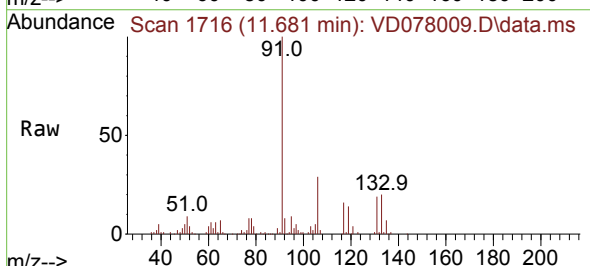
Tgt Ion:131 Resp: 30432

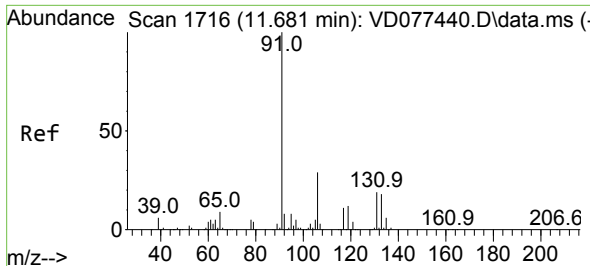
Ion Ratio Lower Upper

131 100

133 98.7 48.5 145.5

119 69.3 35.6 106.9





#67

Ethyl Benzene

Concen: 20.138 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.006 min

Lab File: VD078009.D

Acq: 20 Dec 2023 23:31

Instrument :

MSVOA_D

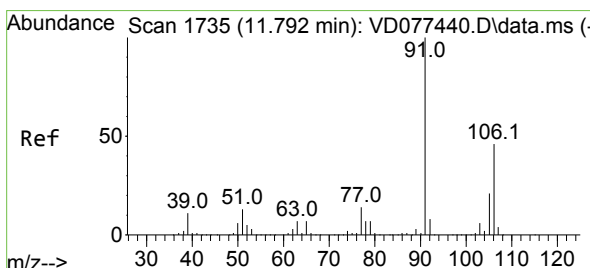
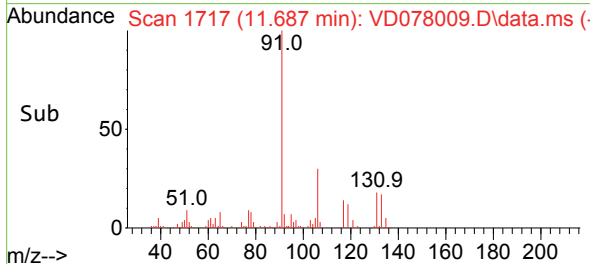
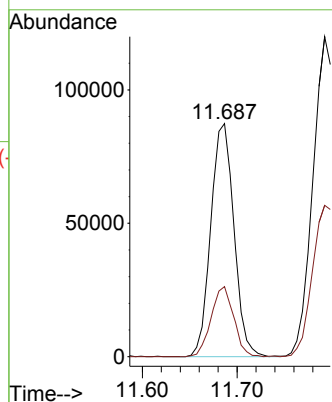
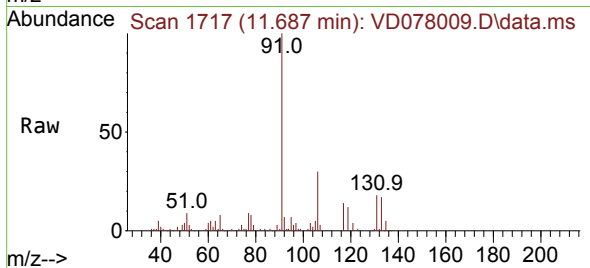
ClientSampleId :

Tgt Ion: 91 Resp: 148433

Ion Ratio Lower Upper

91 100

106 30.1 26.5 39.7



#68

m/p-Xylenes

Concen: 39.532 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.001 min

Lab File: VD078009.D

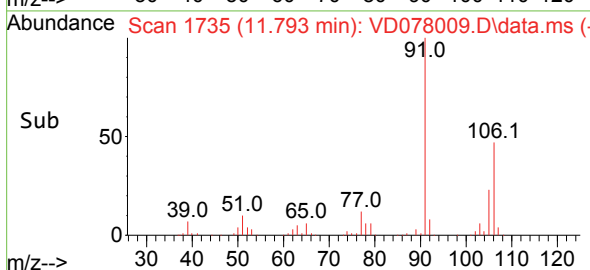
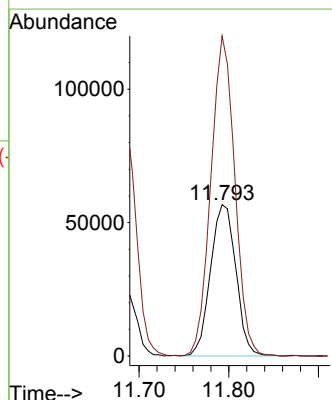
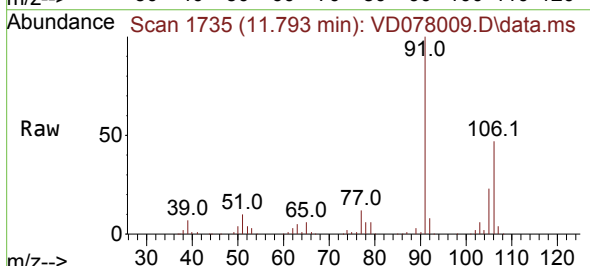
Acq: 20 Dec 2023 23:31

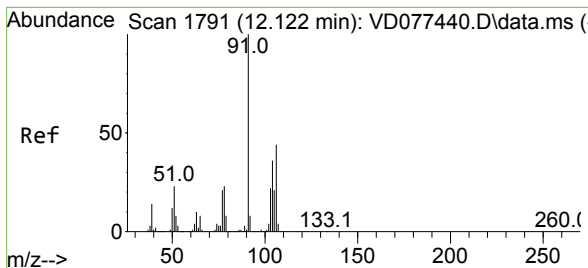
Tgt Ion:106 Resp: 111452

Ion Ratio Lower Upper

106 100

91 199.7 147.0 220.6

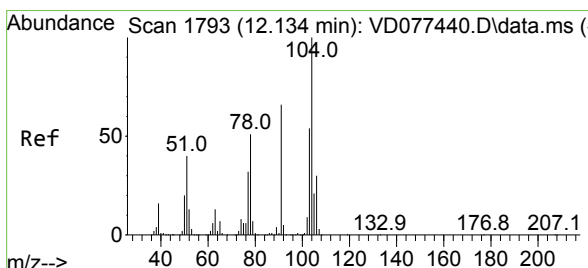
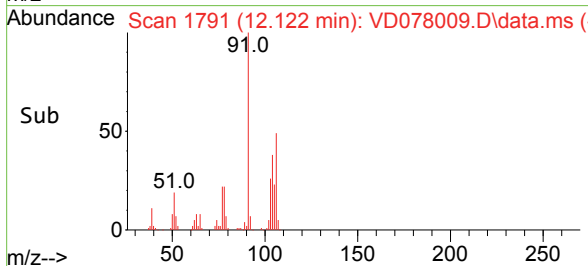
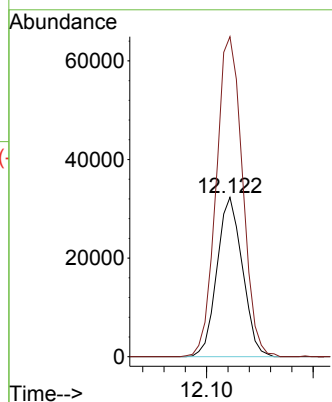
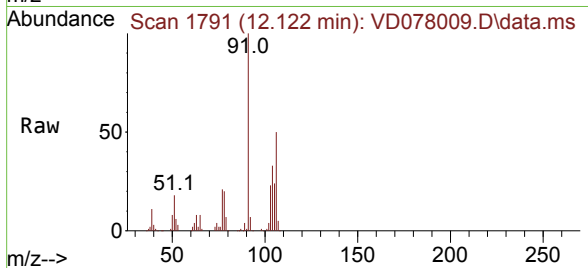




#69
o-Xylene
Concen: 20.641 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

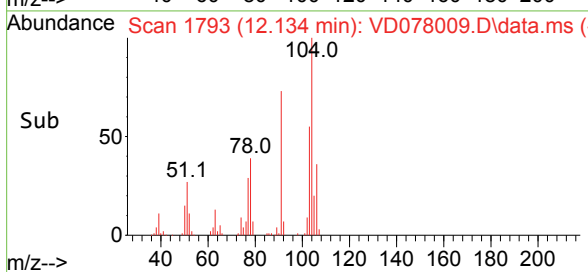
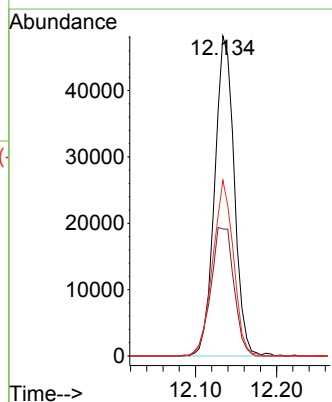
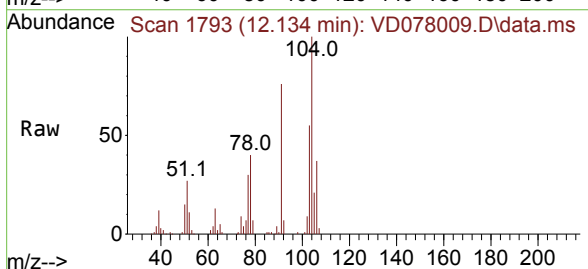
Instrument :
MSVOA_D
ClientSampleId :

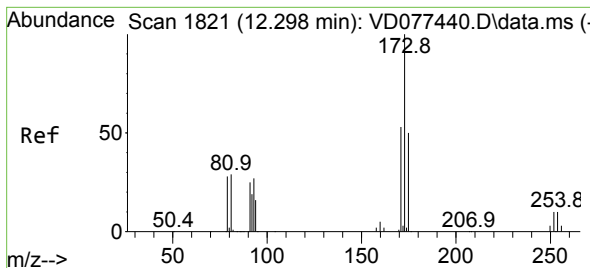
Tgt Ion:106 Resp: 53633
Ion Ratio Lower Upper
106 100
91 207.7 97.9 293.6



#70
Styrene
Concen: 20.989 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

Tgt Ion:104 Resp: 81091
Ion Ratio Lower Upper
104 100
78 47.3 33.2 49.8
103 57.7 43.6 65.4





#71

Bromoform

Concen: 21.748 ug/l

RT: 12.304 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VD078009.D

Acq: 20 Dec 2023 23:31

Instrument :

MSVOA_D

ClientSampleId :

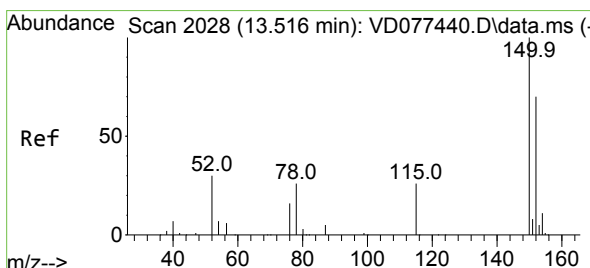
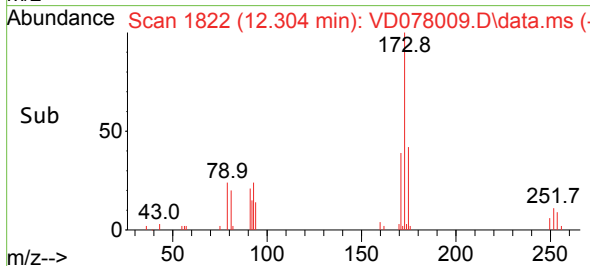
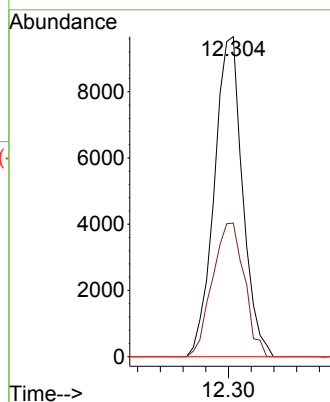
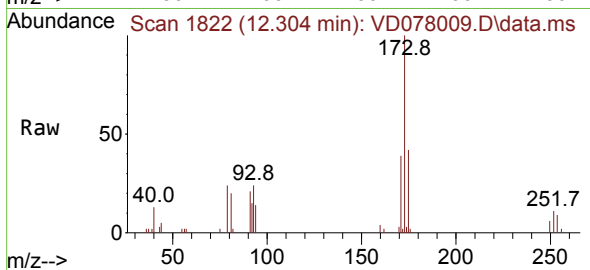
Tgt Ion:173 Resp: 16729

Ion Ratio Lower Upper

173 100

175 47.0 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD078009.D

Acq: 20 Dec 2023 23:31

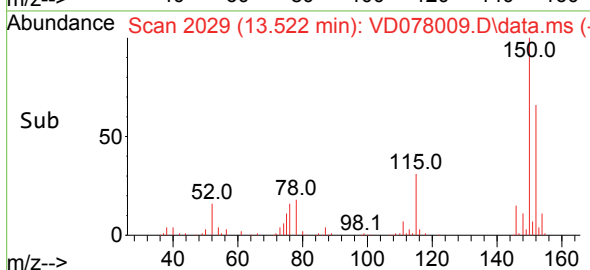
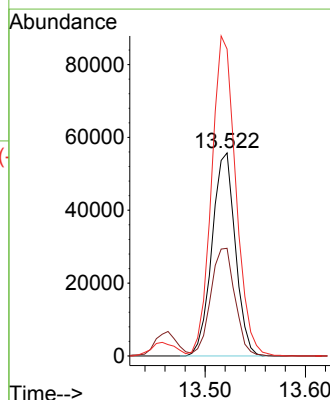
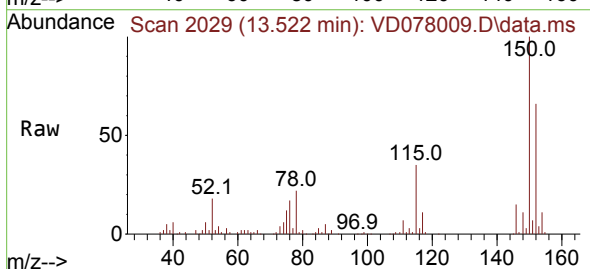
Tgt Ion:152 Resp: 90032

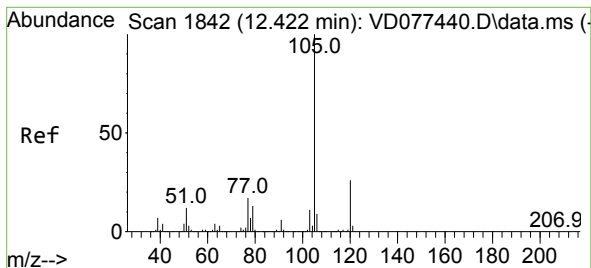
Ion Ratio Lower Upper

152 100

115 55.1 27.1 81.3

150 163.9 0.0 353.6





#73

Isopropylbenzene

Concen: 20.361 ug/l

RT: 12.422 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078009.D

Acq: 20 Dec 2023 23:31

Instrument :

MSVOA_D

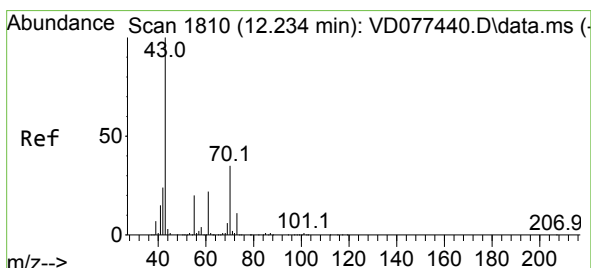
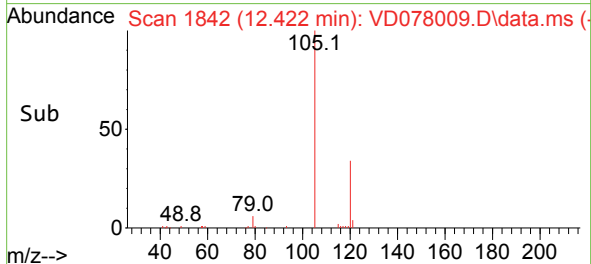
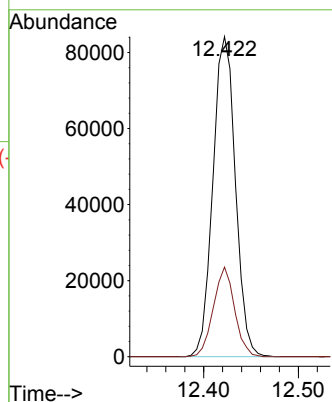
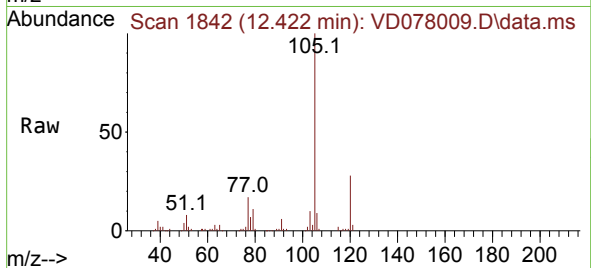
ClientSampleId :

Tgt Ion:105 Resp: 138938

Ion Ratio Lower Upper

105 100

120 26.4 14.3 42.9



#74

N-ethyl acetate

Concen: 20.173 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD078009.D

Acq: 20 Dec 2023 23:31

Tgt Ion: 43 Resp: 27058

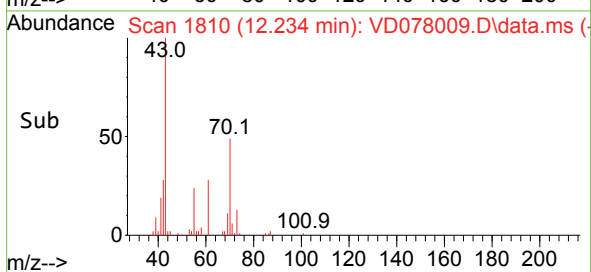
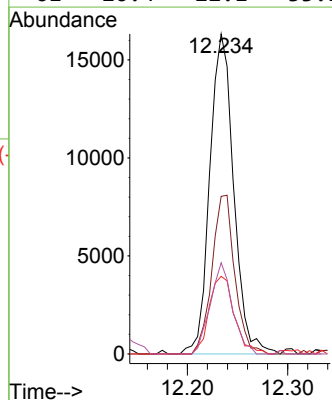
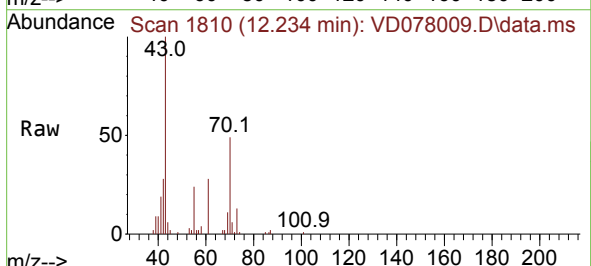
Ion Ratio Lower Upper

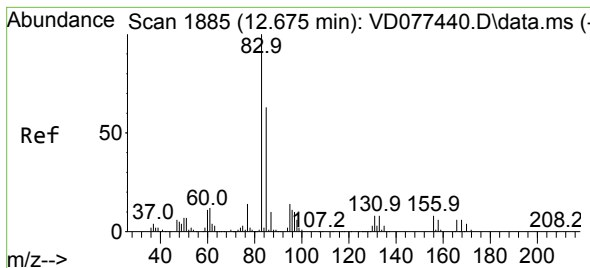
43 100

70 47.3 45.0 67.4

55 25.5 23.8 35.6

61 26.4 22.1 33.1

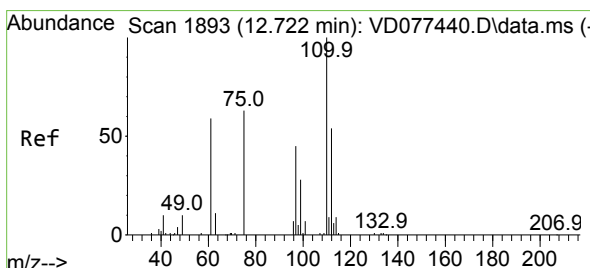
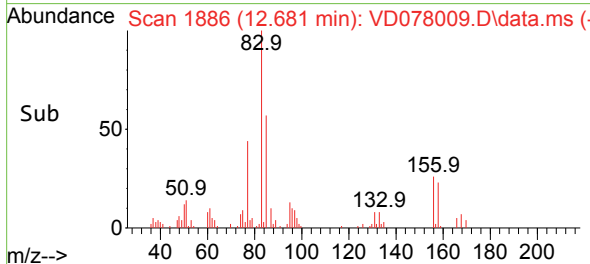
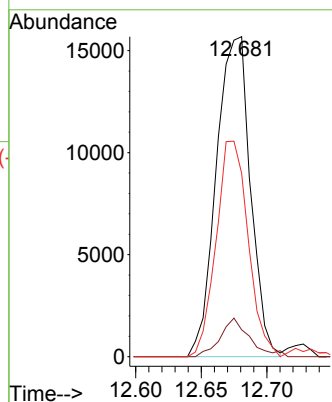
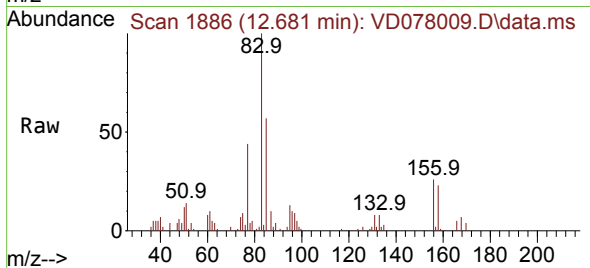




#75
 1,1,2,2-Tetrachloroethane
 Concen: 23.867 ug/l
 RT: 12.681 min Scan# 1886
 Delta R.T. 0.006 min
 Lab File: VD078009.D
 Acq: 20 Dec 2023 23:31

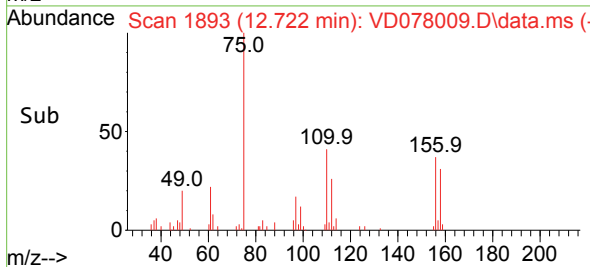
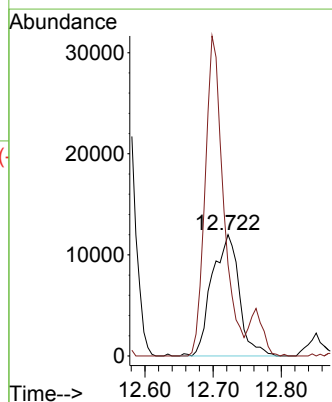
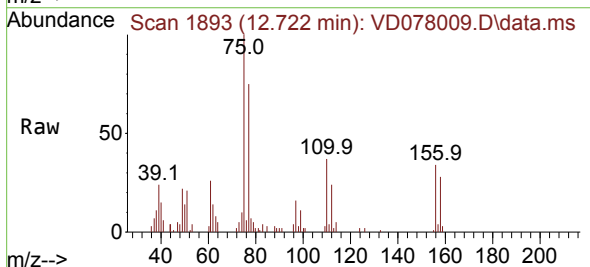
Instrument :
 MSVOA_D
 ClientSampleId :

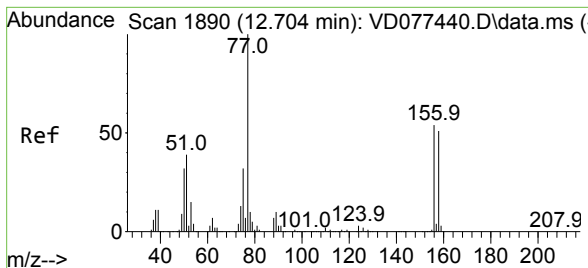
Tgt Ion: 83 Resp: 28397
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.1 15.3
 85 63.1 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 42.733 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VD078009.D
 Acq: 20 Dec 2023 23:31

Tgt Ion: 75 Resp: 33414
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.801 ug/l

RT: 12.698 min Scan# 11

Delta R.T. -0.006 min

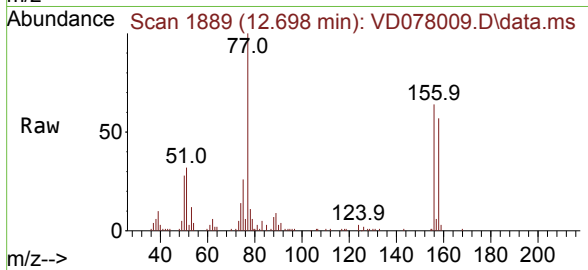
Lab File: VD078009.D

Acq: 20 Dec 2023 23:31

Instrument :

MSVOA_D

ClientSampleId :



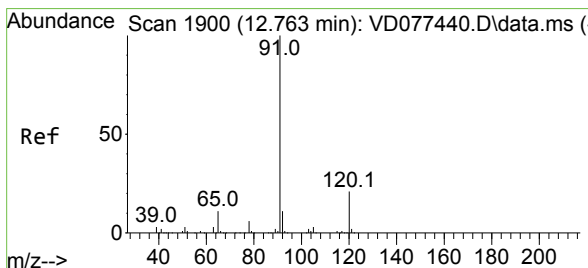
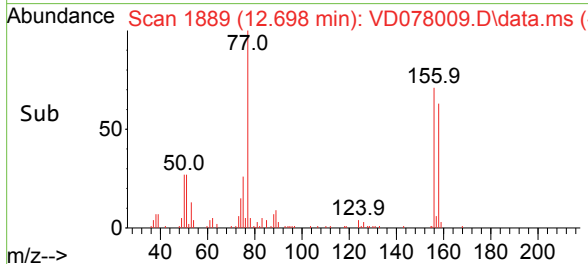
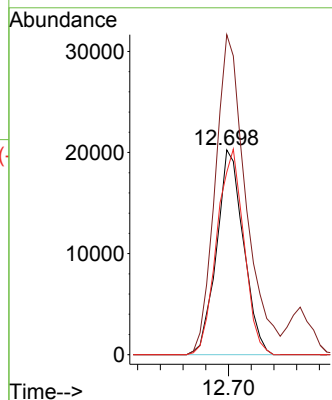
Tgt Ion:156 Resp: 33385

Ion Ratio Lower Upper

156 100

77 177.9 76.8 230.4

158 100.6 48.6 145.9



#78

n-propylbenzene

Concen: 20.676 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078009.D

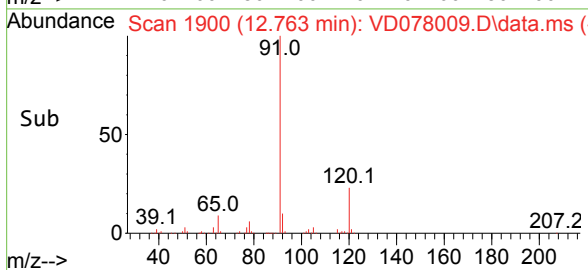
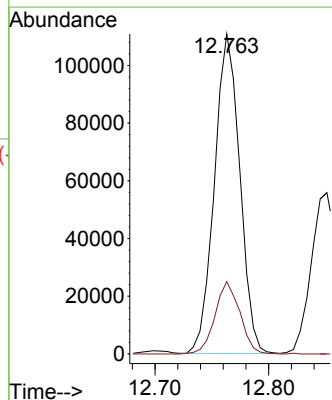
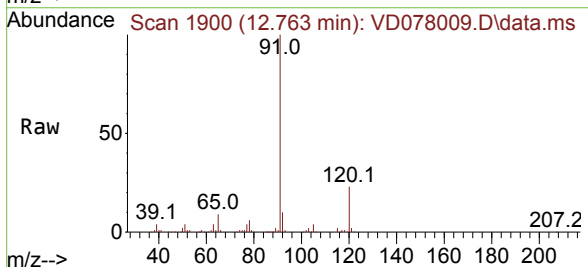
Acq: 20 Dec 2023 23:31

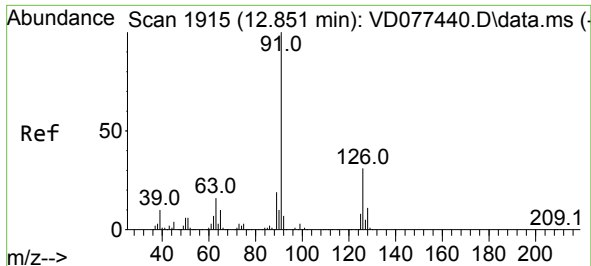
Tgt Ion: 91 Resp: 171916

Ion Ratio Lower Upper

91 100

120 22.1 12.4 37.2

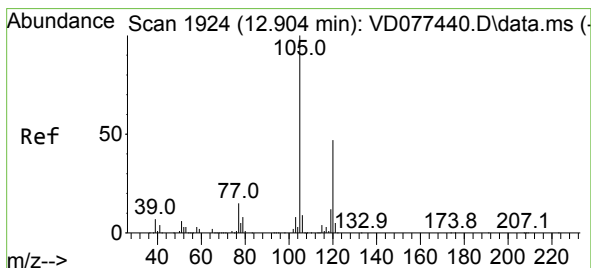
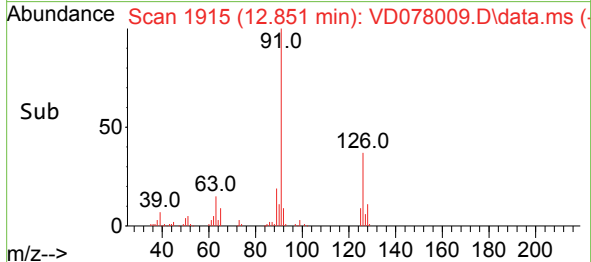
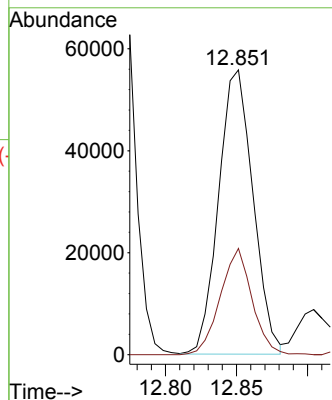
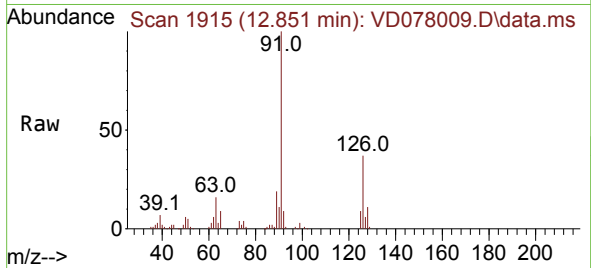




#79
2-Chlorotoluene
Concen: 21.101 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

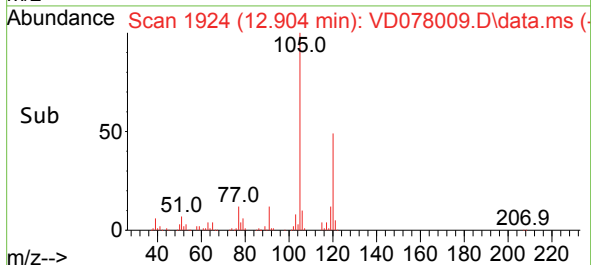
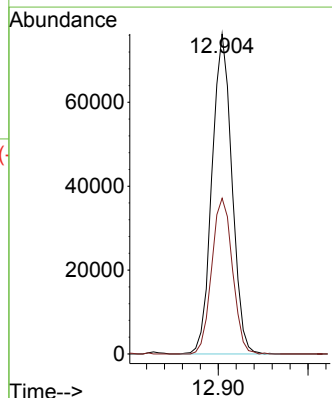
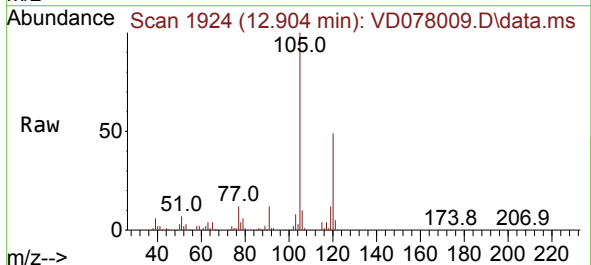
Instrument :
MSVOA_D
ClientSampleId :

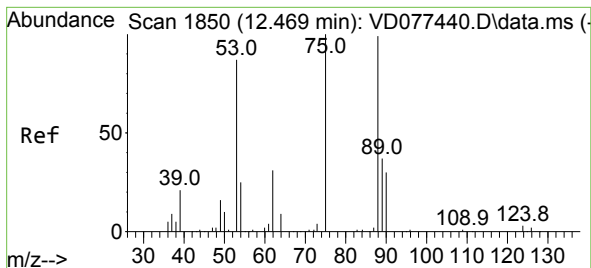
Tgt Ion: 91 Resp: 94025
Ion Ratio Lower Upper
91 100
126 34.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.685 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

Tgt Ion:105 Resp: 117724
Ion Ratio Lower Upper
105 100
120 50.6 26.4 79.2

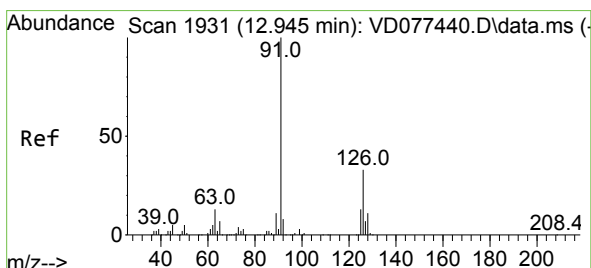
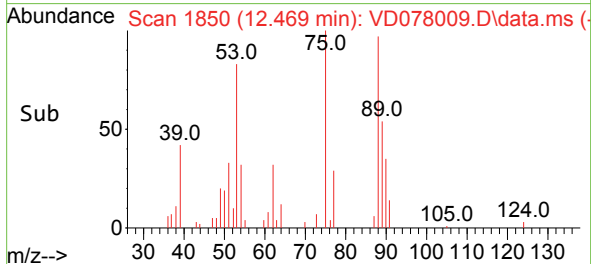
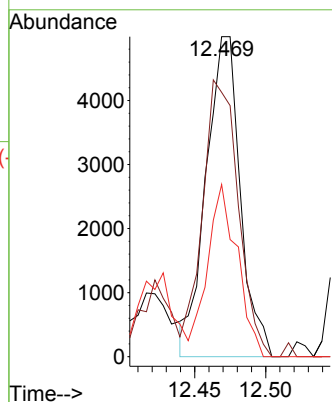
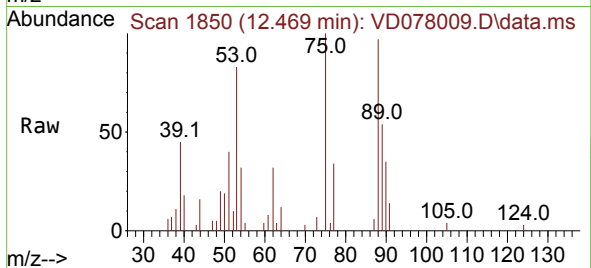




#81
trans-1,4-Dichloro-2-butene
Concen: 21.612 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

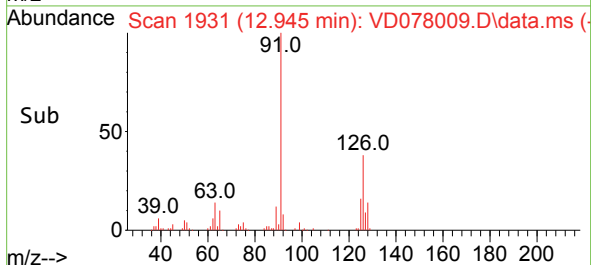
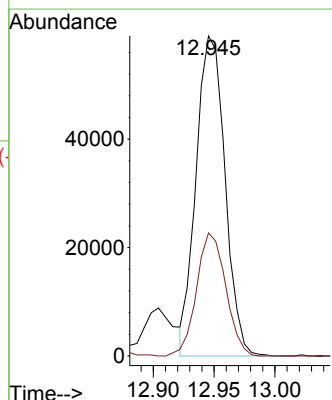
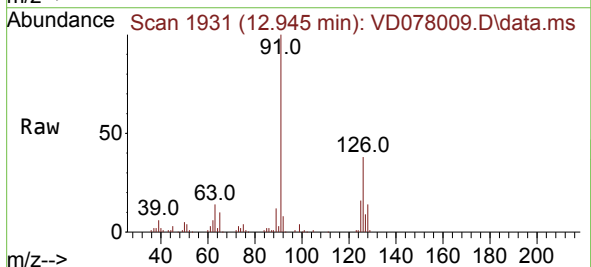
Instrument :
MSVOA_D
ClientSampleId :

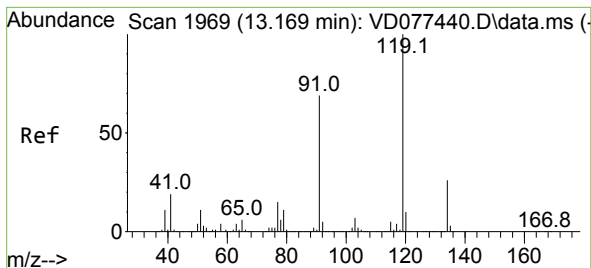
Tgt Ion: 75 Resp: 8341
Ion Ratio Lower Upper
75 100
53 90.6 63.0 94.4
89 46.9 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.948 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

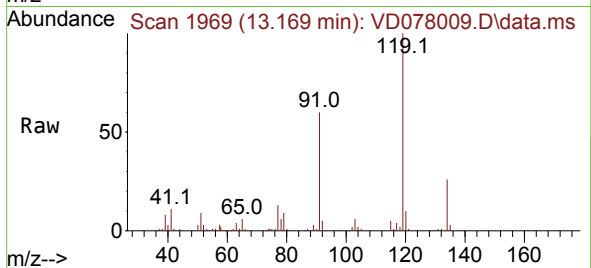
Tgt Ion: 91 Resp: 97583
Ion Ratio Lower Upper
91 100
126 38.7 19.4 58.4



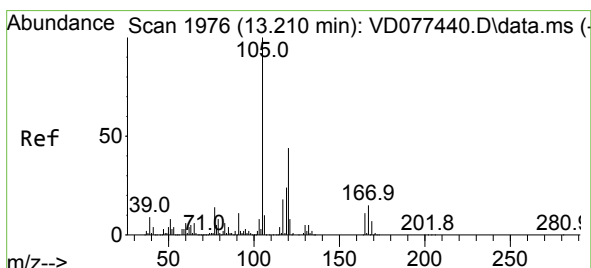
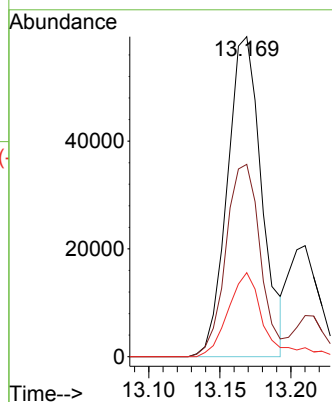
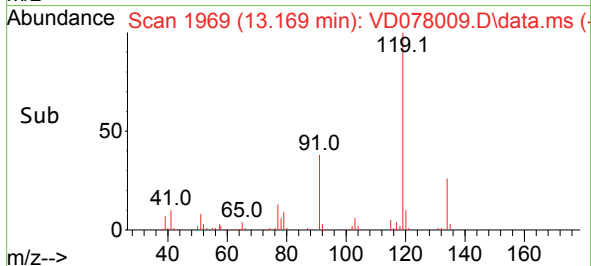


#83
tert-Butylbenzene
Concen: 20.864 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

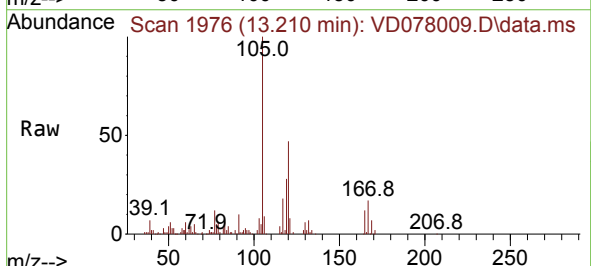
Instrument :
MSVOA_D
ClientSampleId :



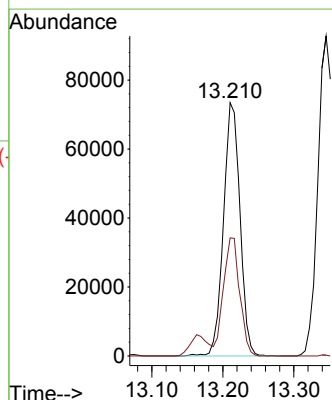
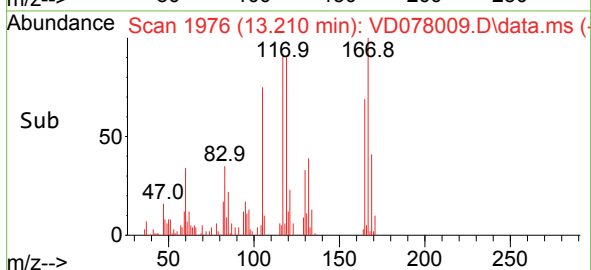
Tgt Ion:119 Resp: 100246
Ion Ratio Lower Upper
119 100
91 60.0 29.3 87.8
134 27.1 14.1 42.3

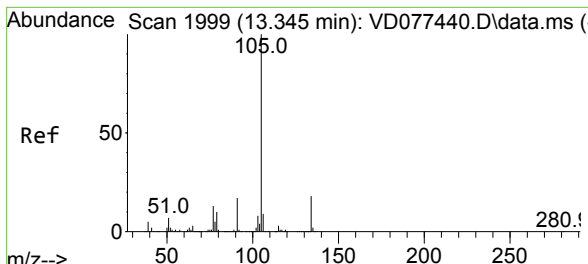


#84
1,2,4-Trimethylbenzene
Concen: 20.774 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31



Tgt Ion:105 Resp: 118248
Ion Ratio Lower Upper
105 100
120 46.0 24.3 72.9

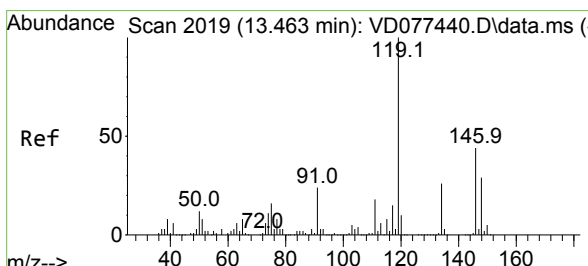
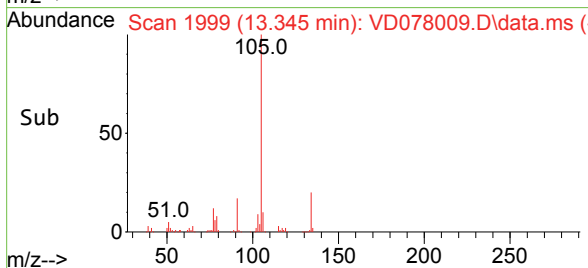
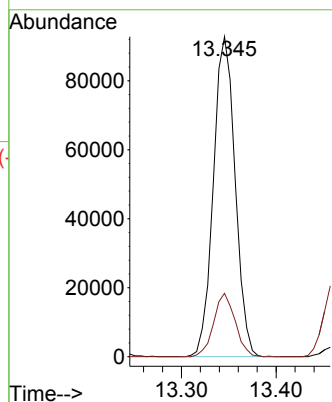
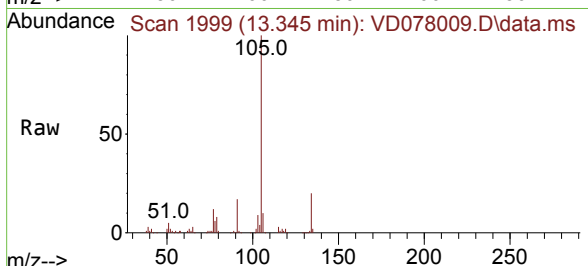




#85
 sec-Butylbenzene
 Concen: 20.857 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078009.D
 Acq: 20 Dec 2023 23:31

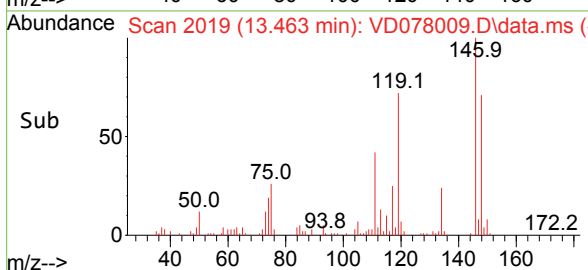
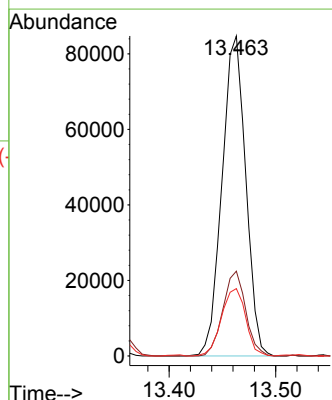
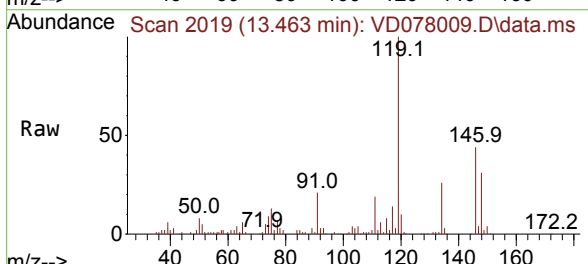
Instrument :
 MSVOA_D
 ClientSampleId :

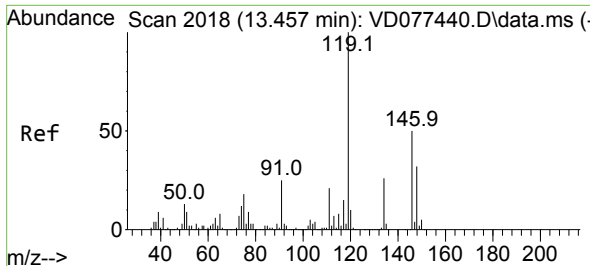
Tgt Ion:105 Resp: 148128
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.583 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078009.D
 Acq: 20 Dec 2023 23:31

Tgt Ion:119 Resp: 130880
 Ion Ratio Lower Upper
 119 100
 134 25.5 14.2 42.6
 91 21.6 10.5 31.5

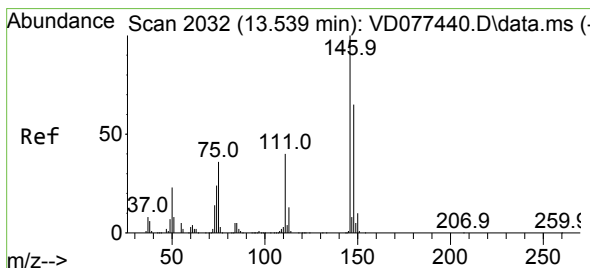
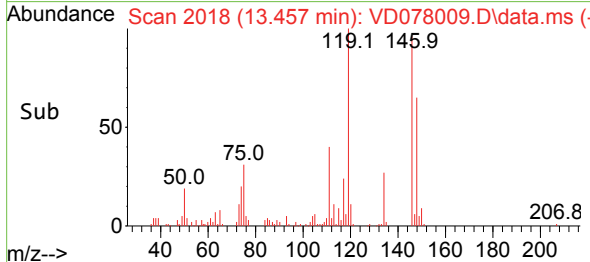
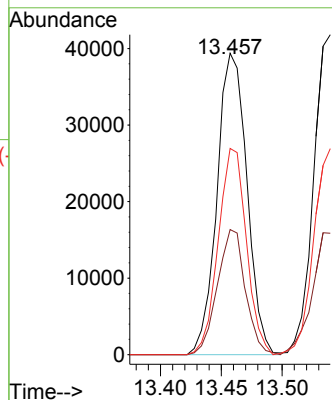
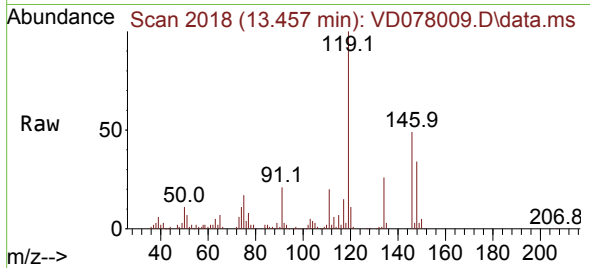




#87
 1,3-Dichlorobenzene
 Concen: 20.547 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078009.D
 Acq: 20 Dec 2023 23:31

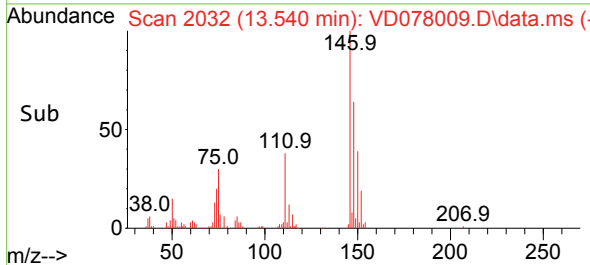
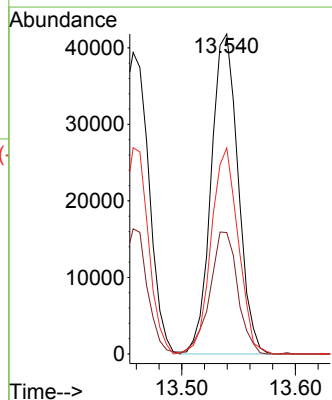
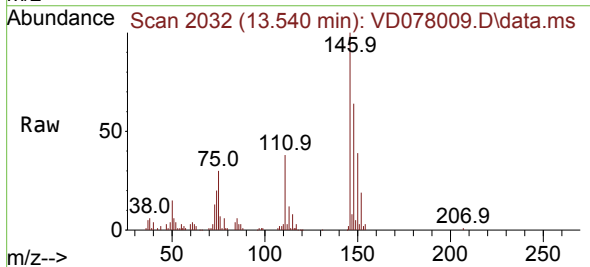
Instrument :
 MSVOA_D
 ClientSampleId :

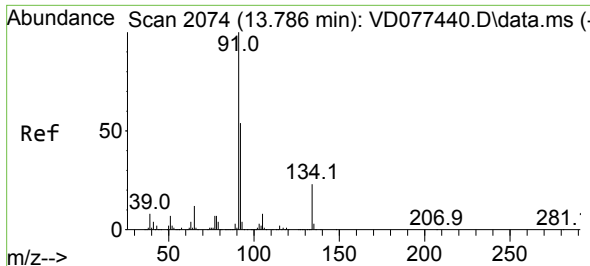
Tgt Ion:146 Resp: 67441
 Ion Ratio Lower Upper
 146 100
 111 38.7 17.9 53.8
 148 64.4 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 20.069 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.001 min
 Lab File: VD078009.D
 Acq: 20 Dec 2023 23:31

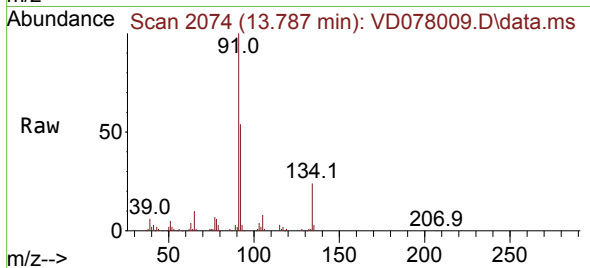
Tgt Ion:146 Resp: 68897
 Ion Ratio Lower Upper
 146 100
 111 39.4 17.4 52.3
 148 64.6 31.7 95.1



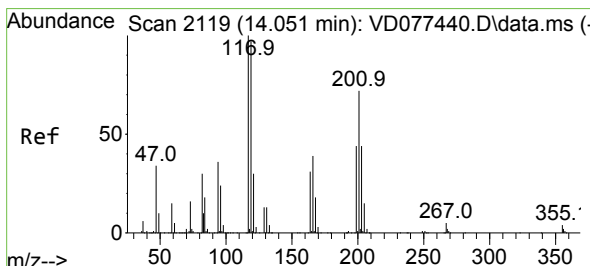
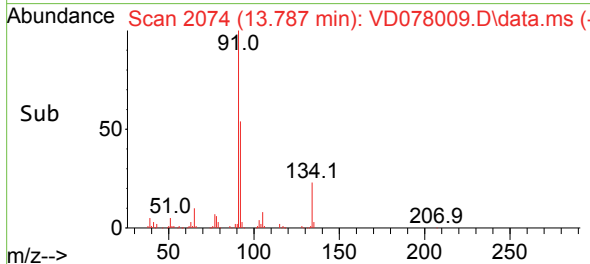
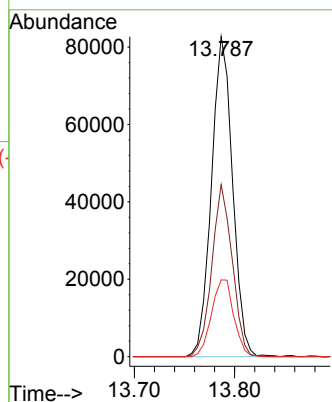


#89
n-Butylbenzene
Concen: 20.257 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.001 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

Instrument :
MSVOA_D
ClientSampleId :

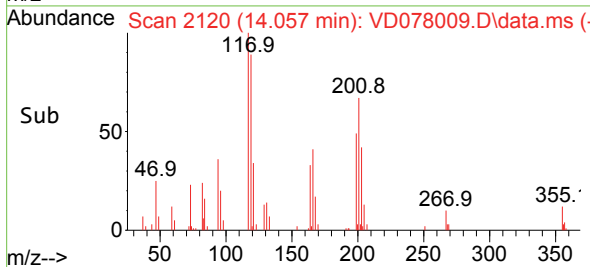
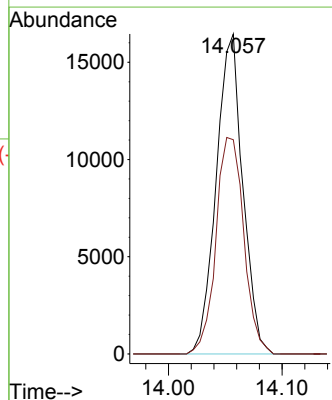
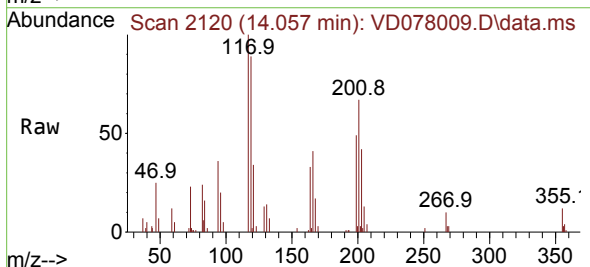


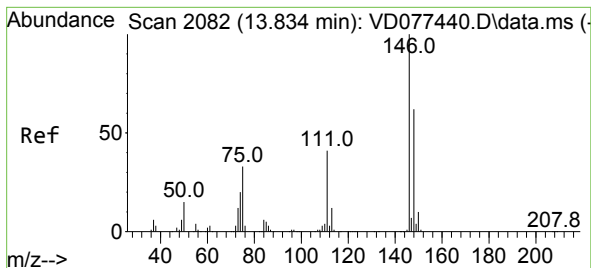
Tgt Ion: 91 Resp: 121202
Ion Ratio Lower Upper
91 100
92 51.8 26.5 79.5
134 25.3 13.8 41.3



#90
Hexachloroethane
Concen: 22.891 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

Tgt Ion: 117 Resp: 26769
Ion Ratio Lower Upper
117 100
201 70.7 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 20.838 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

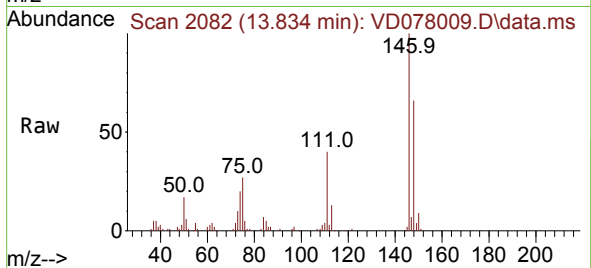
Lab File: VD078009.D

Acq: 20 Dec 2023 23:31

Instrument :

MSVOA_D

ClientSampleId :



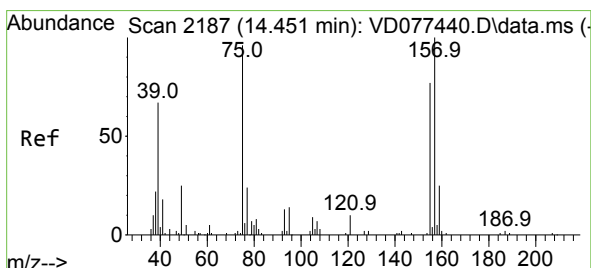
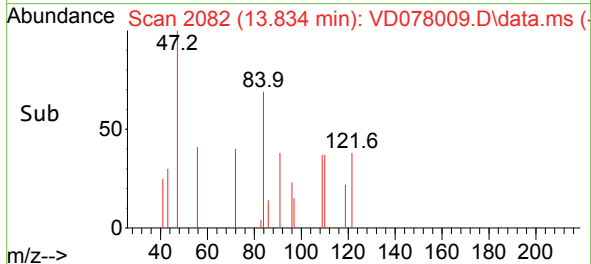
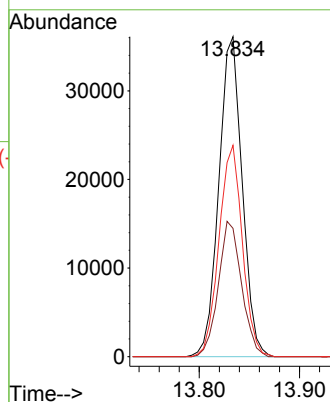
Tgt Ion:146 Resp: 58167

Ion Ratio Lower Upper

146 100

111 42.2 18.3 54.8

148 66.3 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.164 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD078009.D

Acq: 20 Dec 2023 23:31

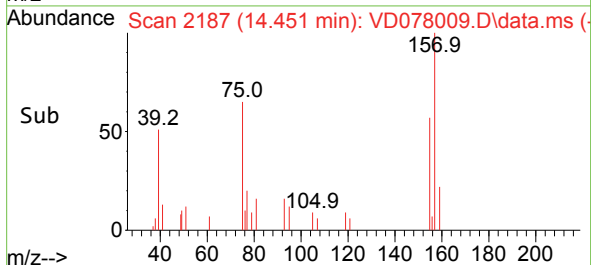
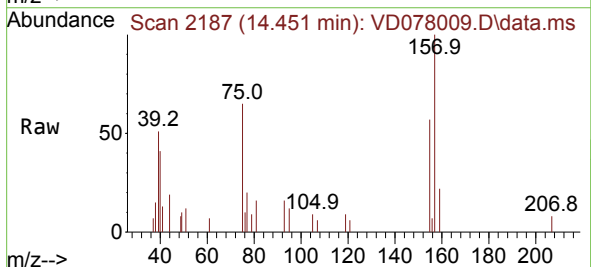
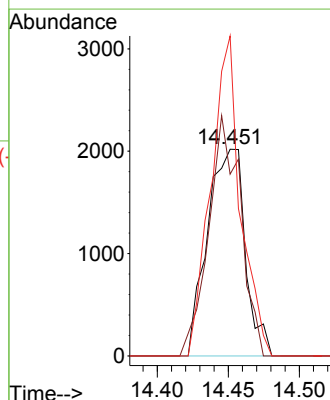
Tgt Ion: 75 Resp: 3745

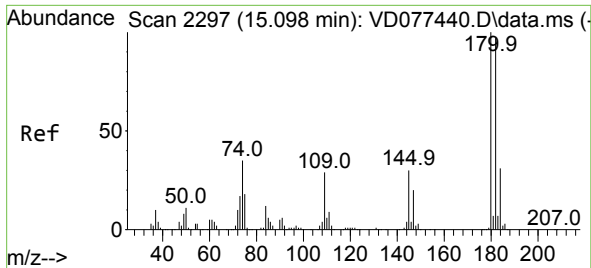
Ion Ratio Lower Upper

75 100

155 97.6 47.9 143.8

157 120.9 59.9 179.7

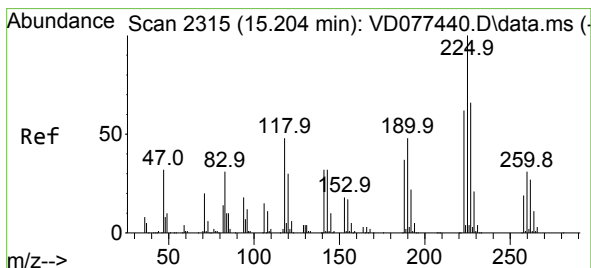
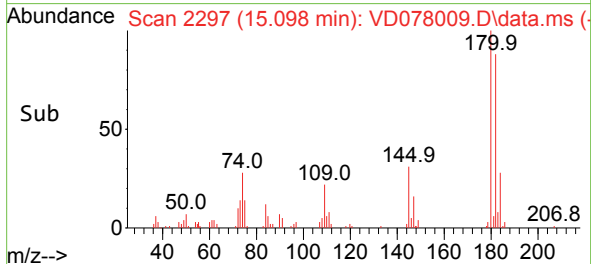
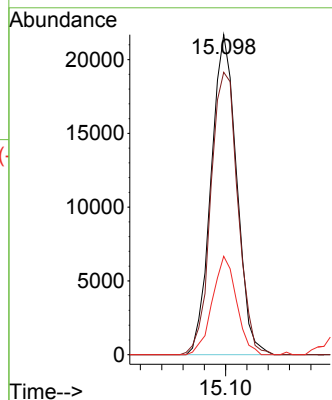
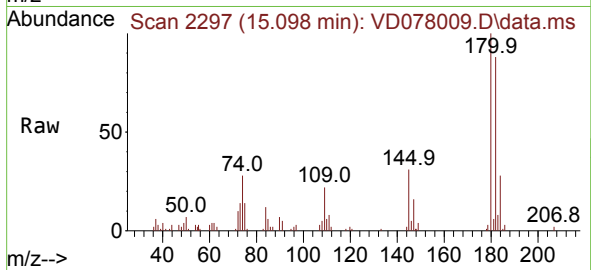




#93
 1,2,4-Trichlorobenzene
 Concen: 18.932 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078009.D
 Acq: 20 Dec 2023 23:31

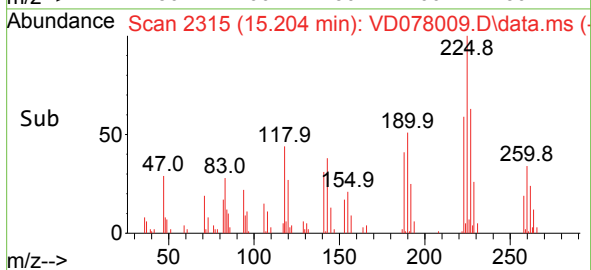
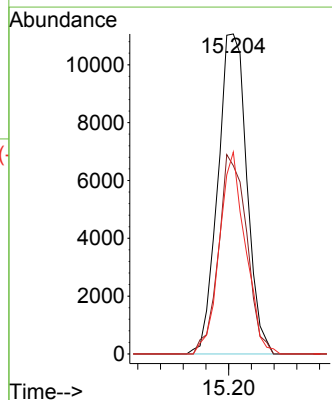
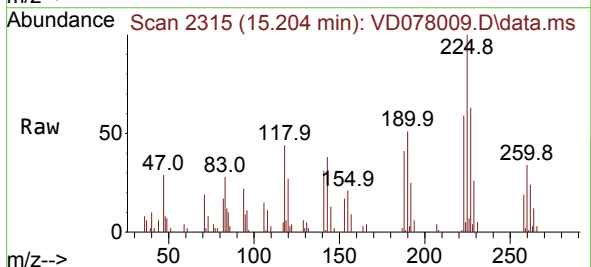
Instrument :
 MSVOA_D
 ClientSampleId :

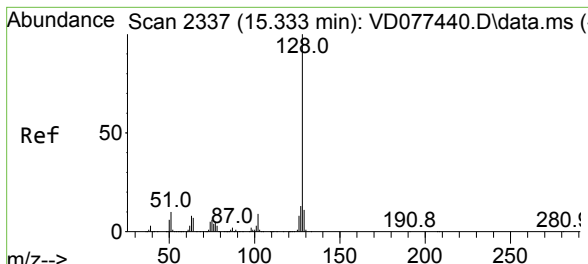
Tgt Ion:180 Resp: 36098
 Ion Ratio Lower Upper
 180 100
 182 92.9 48.5 145.6
 145 29.1 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 19.073 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD078009.D
 Acq: 20 Dec 2023 23:31

Tgt Ion:225 Resp: 19611
 Ion Ratio Lower Upper
 225 100
 223 60.5 31.6 94.8
 227 56.8 31.7 95.1

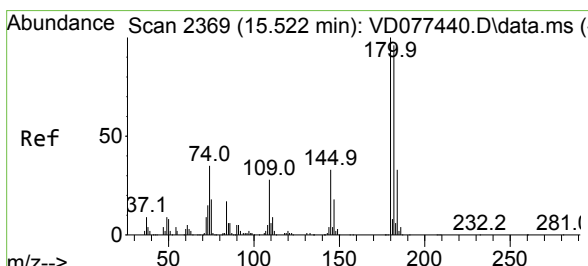
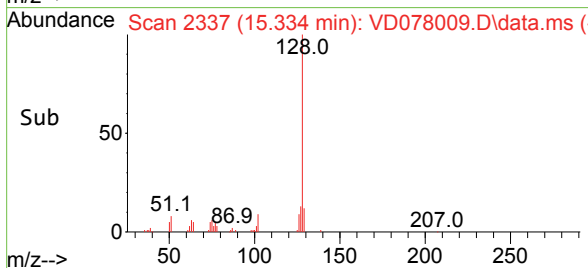
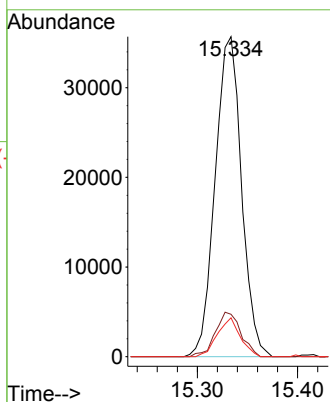
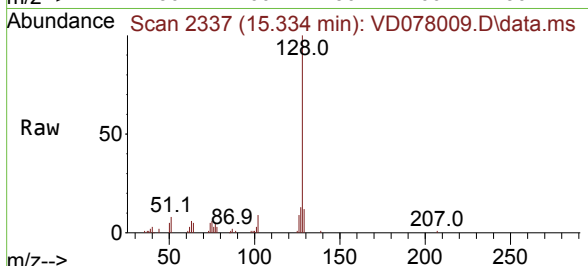




#95
Naphthalene
Concen: 20.541 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp:	65073
Ion Ratio	Lower	Upper
128	100	
127	13.2	10.5 15.7
129	12.1	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.811 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD078009.D
Acq: 20 Dec 2023 23:31

Tgt Ion:180	Resp:	31141
Ion Ratio	Lower	Upper
180	100	
182	93.2	47.3 141.9
145	32.0	15.1 45.3

