

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
 Data File : VD077926.D
 Acq On : 16 Dec 2023 03:38
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 16 05:14:06 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	107572	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	198216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	187545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	101943	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	72888	57.502	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.000%	
35) Dibromofluoromethane	7.804	113	77161	55.574	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.140%	
50) Toluene-d8	10.269	98	308085	55.402	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.800%	
62) 4-Bromofluorobenzene	12.575	95	95621	57.514	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.020%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	59430	44.227	ug/l	96
3) Chloromethane	2.152	50	108182	59.063	ug/l	99
4) Vinyl Chloride	2.287	62	146964	59.104	ug/l	99
5) Bromomethane	2.699	94	103183	73.953	ug/l	99
6) Chloroethane	2.840	64	108244	63.852	ug/l	99
7) Trichlorofluoromethane	3.181	101	116662	50.942	ug/l	94
8) Diethyl Ether	3.599	74	39916	62.072	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.975	101	68574	52.342	ug/l	96
10) Methyl Iodide	4.169	142	84411	70.343	ug/l	# 90
11) Tert butyl alcohol	5.052	59	16654	273.908	ug/l	# 92
12) 1,1-Dichloroethene	3.946	96	72549	56.107	ug/l	84
13) Acrolein	3.799	56	27073	201.907	ug/l	96
14) Allyl chloride	4.575	41	102851	57.834	ug/l	92
15) Acrylonitrile	5.257	53	86523	314.252	ug/l	99
16) Acetone	4.028	43	67081	244.126	ug/l	# 83
17) Carbon Disulfide	4.275	76	231787	52.985	ug/l	99
18) Methyl Acetate	4.569	43	70130	70.250	ug/l	89
19) Methyl tert-butyl Ether	5.316	73	173901	63.389	ug/l	98
20) Methylene Chloride	4.810	84	100909	69.068	ug/l	# 86
21) trans-1,2-Dichloroethene	5.316	96	88519	60.439	ug/l	86
22) Diisopropyl ether	6.222	45	232261	62.497	ug/l	93
23) Vinyl Acetate	6.157	43	524586	289.053	ug/l	95
24) 1,1-Dichloroethane	6.116	63	157538	62.597	ug/l	96
25) 2-Butanone	7.081	43	95965	277.039	ug/l	# 85
26) 2,2-Dichloropropane	7.081	77	117336	55.529	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	104644	66.401	ug/l	93
28) Bromochloromethane	7.428	49	53659	52.764	ug/l	# 77
29) Tetrahydrofuran	7.451	42	59974	297.121	ug/l	89
30) Chloroform	7.604	83	161121	63.968	ug/l	95
31) Cyclohexane	7.881	56	111243	49.340	ug/l	83
32) 1,1,1-Trichloroethane	7.798	97	132137	59.509	ug/l	99
36) 1,1-Dichloropropene	8.016	75	120015	54.039	ug/l	95
37) Ethyl Acetate	7.169	43	42098	48.614	ug/l	# 92
38) Carbon Tetrachloride	7.993	117	115502	52.167	ug/l	94
39) Methylcyclohexane	9.275	83	130252	49.472	ug/l	96
40) Benzene	8.251	78	369080	58.553	ug/l	99

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	27141	61.665	ug/l	88
42) 1,2-Dichloroethane	8.328	62	96356	58.973	ug/l	94
43) Isopropyl Acetate	8.363	43	86522	56.206	ug/l #	91
44) Trichloroethene	9.028	130	92431	56.270	ug/l	99
45) 1,2-Dichloropropane	9.304	63	89212	58.220	ug/l	93
46) Dibromomethane	9.398	93	48928	60.348	ug/l	92
47) Bromodichloromethane	9.587	83	123993	60.336	ug/l	99
48) Methyl methacrylate	9.381	41	49944	57.075	ug/l #	80
49) 1,4-Dioxane	9.387	88	7780	966.376	ug/l #	78
51) 4-Methyl-2-Pentanone	10.163	43	222712	283.480	ug/l	90
52) Toluene	10.334	92	235392	60.203	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	117796	59.691	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	139657	58.533	ug/l #	87
55) 1,1,2-Trichloroethane	10.734	97	66233	59.723	ug/l	91
56) Ethyl methacrylate	10.598	69	59345	60.704	ug/l	91
57) 1,3-Dichloropropane	10.881	76	113895	59.580	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	136671	245.143	ug/l	94
59) 2-Hexanone	10.922	43	155043	237.870	ug/l	90
60) Dibromochloromethane	11.075	129	82728	61.958	ug/l	96
61) 1,2-Dibromoethane	11.181	107	62704	60.065	ug/l	99
64) Tetrachloroethene	10.810	164	77964	56.560	ug/l	96
65) Chlorobenzene	11.610	112	247068	56.112	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	91281	58.530	ug/l	97
67) Ethyl Benzene	11.686	91	454718	58.237	ug/l	96
68) m/p-Xylenes	11.792	106	355390	118.994	ug/l	94
69) o-Xylene	12.122	106	164574	59.790	ug/l	93
70) Styrene	12.134	104	251544	61.459	ug/l	94
71) Bromoform	12.298	173	48490	59.506	ug/l #	98
73) Isopropylbenzene	12.422	105	429017	55.526	ug/l	96
74) N-amyl acetate	12.234	43	76937	50.657	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	77061	57.201	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	95305	107.643	ug/l #	100
77) Bromobenzene	12.704	156	102528	56.416	ug/l	92
78) n-propylbenzene	12.763	91	529199	56.209	ug/l	95
79) 2-Chlorotoluene	12.851	91	284919	56.470	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	364491	56.562	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	23487	53.747	ug/l	96
82) 4-Chlorotoluene	12.945	91	305290	57.878	ug/l	96
83) tert-Butylbenzene	13.169	119	315705	58.031	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	375529	58.264	ug/l	97
85) sec-Butylbenzene	13.345	105	447592	55.660	ug/l	96
86) p-Isopropyltoluene	13.463	119	415008	57.641	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	215576	58.006	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	209727	56.754	ug/l	99
89) n-Butylbenzene	13.786	91	373009	55.059	ug/l	99
90) Hexachloroethane	14.051	117	78117	58.996	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	181436	57.403	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11070	56.860	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	113590	52.613	ug/l	98
94) Hexachlorobutadiene	15.204	225	57426	49.326	ug/l	98
95) Naphthalene	15.333	128	207236	57.772	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	96840	54.408	ug/l	98

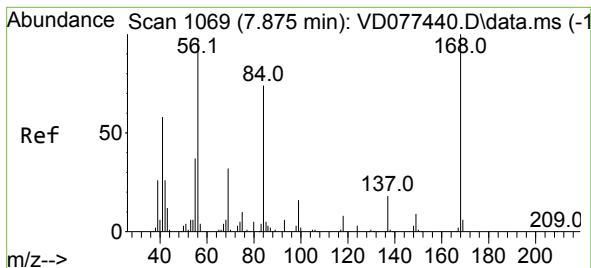
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Instrument :

MSVOA_D

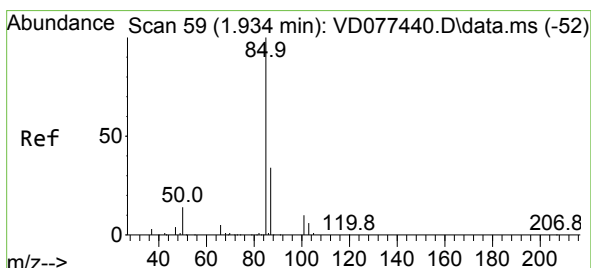
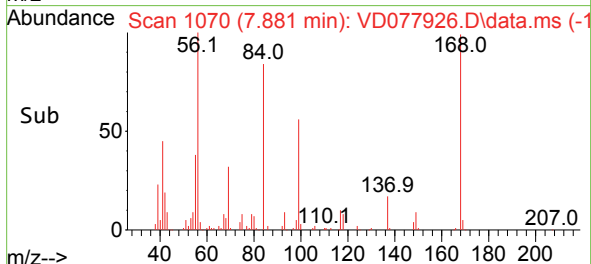
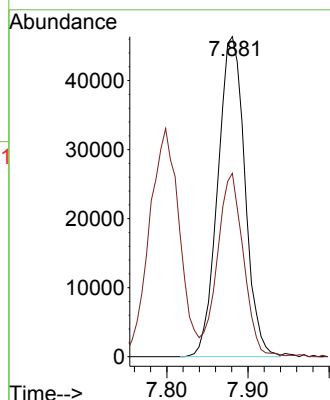
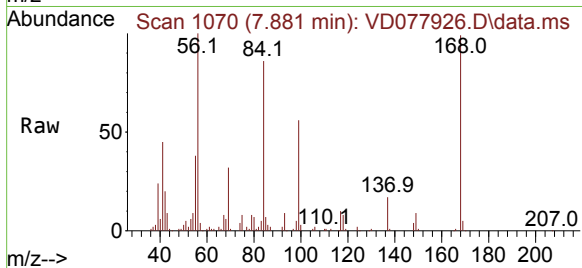
ClientSampleId :

Tgt Ion:168 Resp: 107572

Ion Ratio Lower Upper

168 100

99 56.7 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 44.227 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077926.D

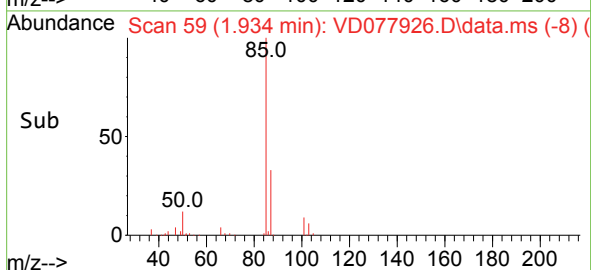
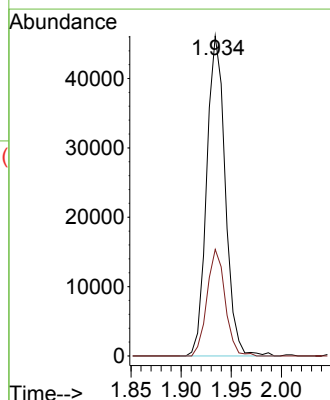
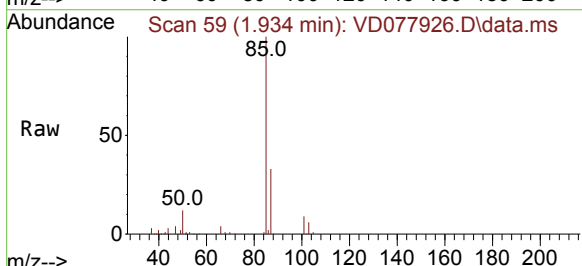
Acq: 16 Dec 2023 03:38

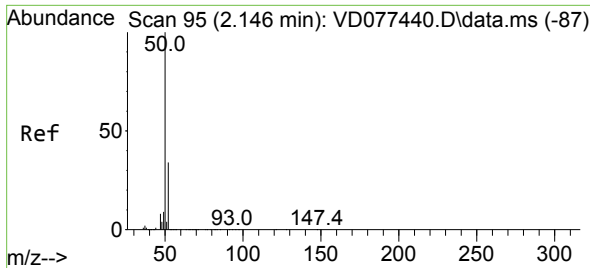
Tgt Ion: 85 Resp: 59430

Ion Ratio Lower Upper

85 100

87 33.3 15.7 47.0

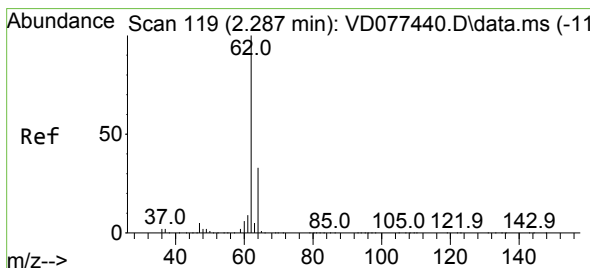
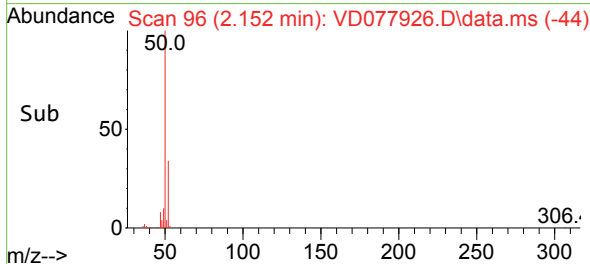
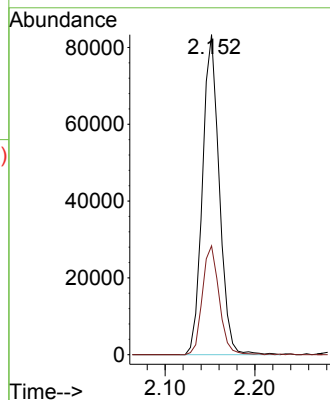
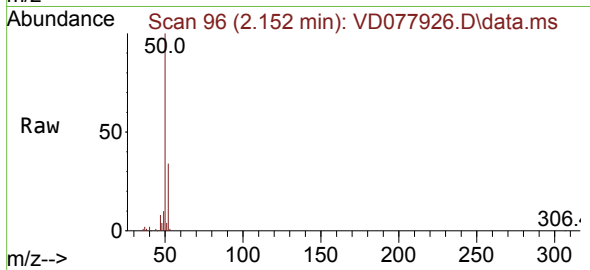




#3
Chloromethane
Concen: 59.063 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

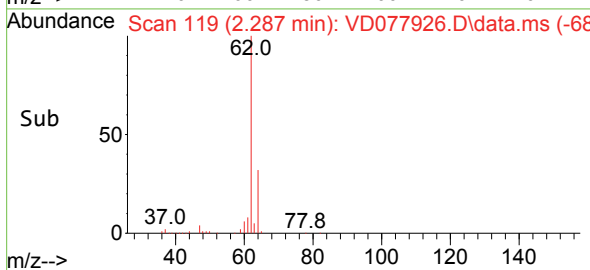
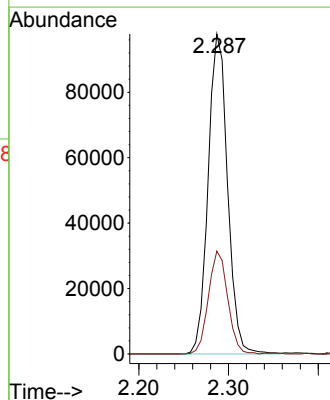
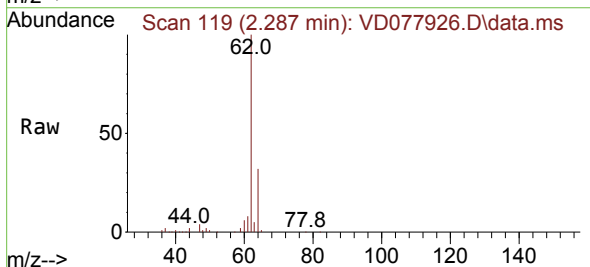
Instrument :
MSVOA_D
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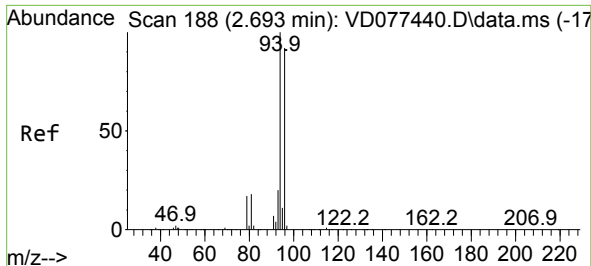
Tgt Ion: 50 Resp: 108182
Ion Ratio Lower Upper
50 100
52 34.0 26.6 40.0



#4
Vinyl Chloride
Concen: 59.104 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Tgt Ion: 62 Resp: 146964
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0

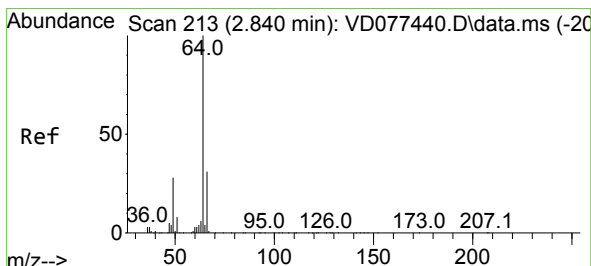
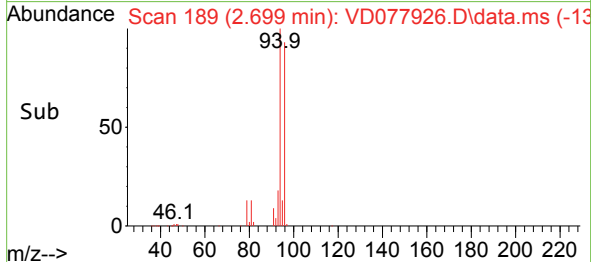
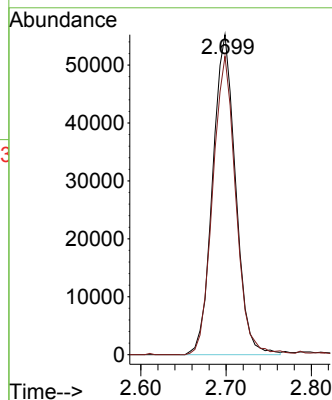
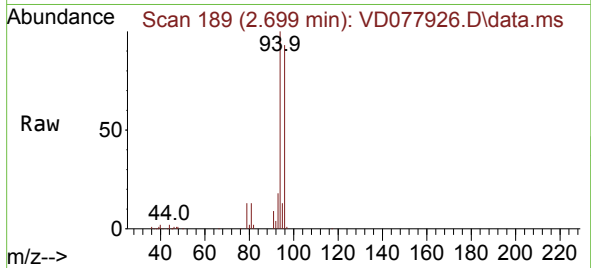




#5
Bromomethane
Concen: 73.953 ug/l
RT: 2.699 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

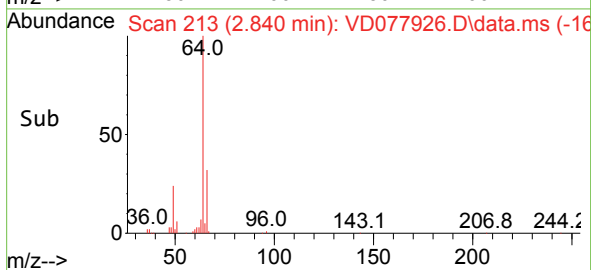
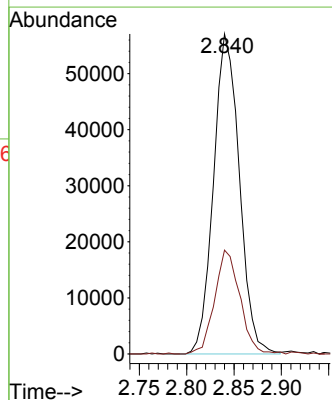
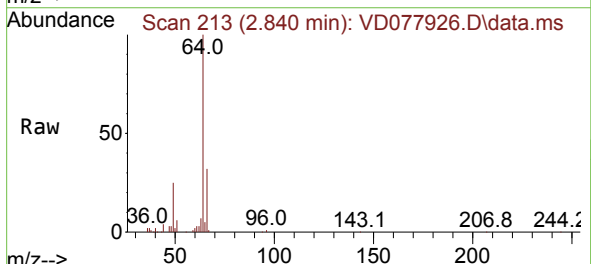
Instrument :
MSVOA_D
ClientSampleId :

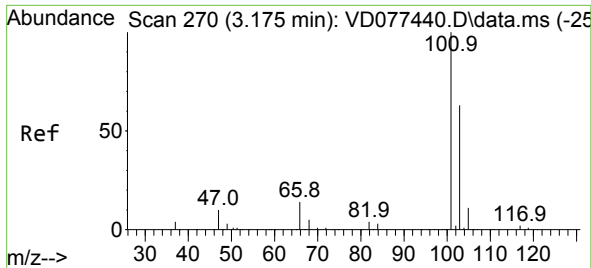
Tgt Ion: 94 Resp: 103183
Ion Ratio Lower Upper
94 100
96 94.0 75.8 113.8



#6
Chloroethane
Concen: 63.852 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Tgt Ion: 64 Resp: 108244
Ion Ratio Lower Upper
64 100
66 32.4 25.5 38.3

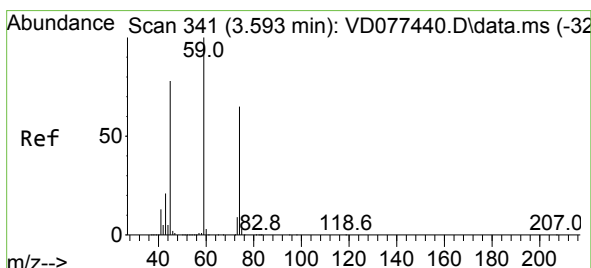
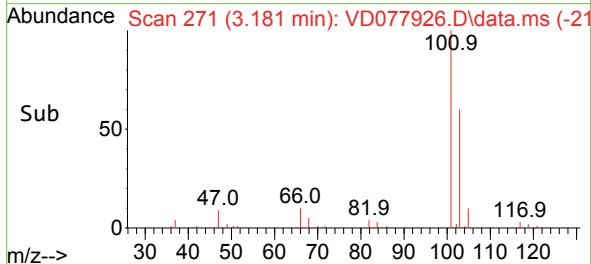
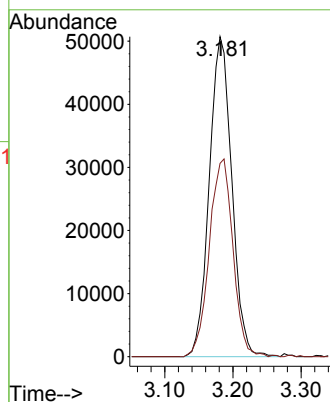
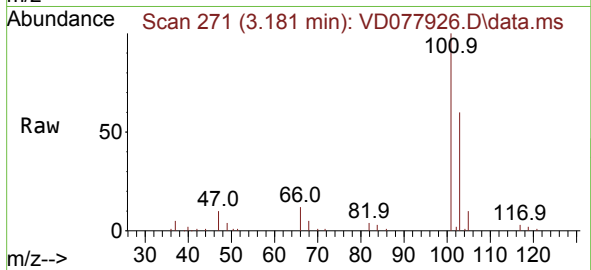




#7
Trichlorofluoromethane
Concen: 50.942 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

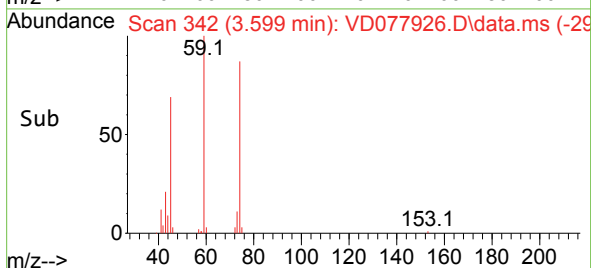
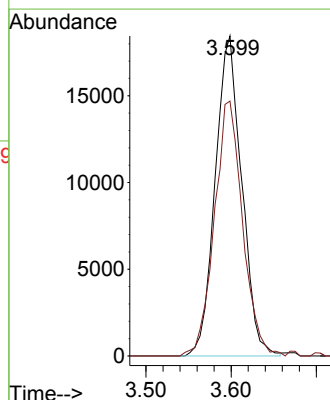
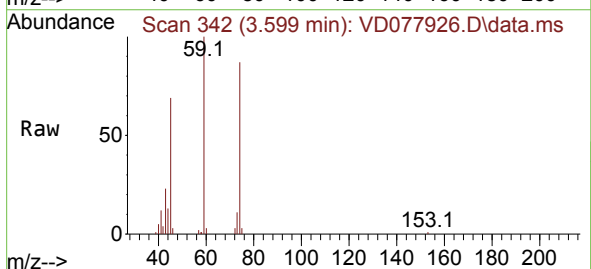
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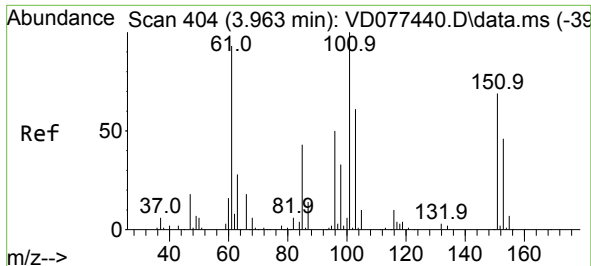
Tgt Ion:101 Resp: 116662
Ion Ratio Lower Upper
101 100
103 60.4 52.3 78.5



#8
Diethyl Ether
Concen: 62.072 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Tgt Ion: 74 Resp: 39916
Ion Ratio Lower Upper
74 100
45 84.8 37.5 112.7

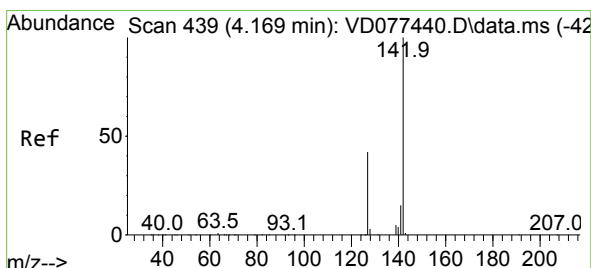
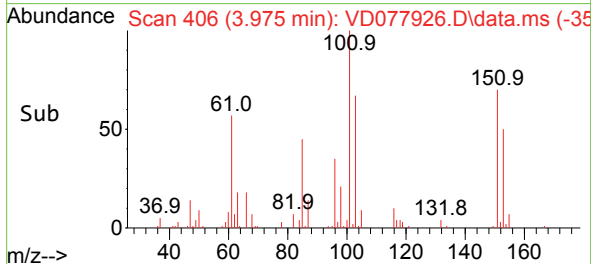
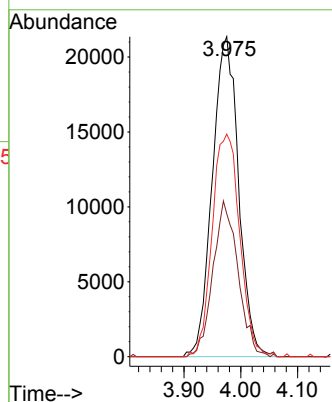
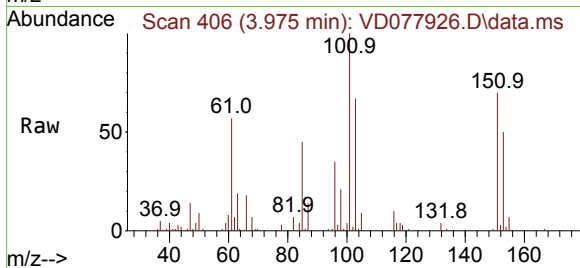




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.342 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD077926.D
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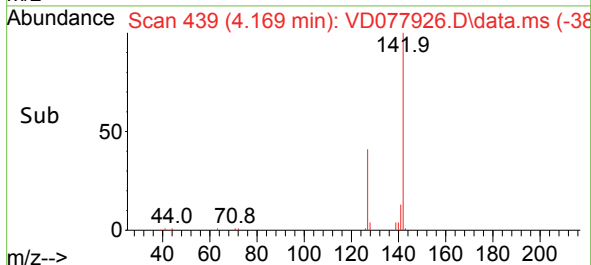
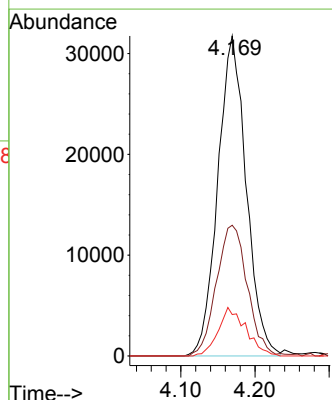
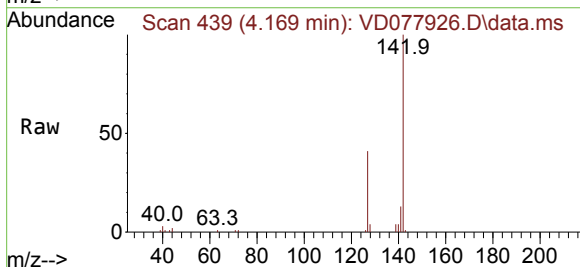
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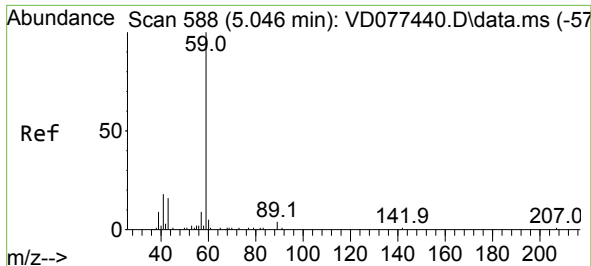
Tgt Ion:101 Resp: 68574
Ion Ratio Lower Upper
101 100
85 46.5 33.8 50.6
151 73.1 59.8 89.6



#10
Methyl Iodide
Concen: 70.343 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Tgt Ion:142 Resp: 84411
Ion Ratio Lower Upper
142 100
127 44.7 29.4 44.0#
141 14.9 11.1 16.7

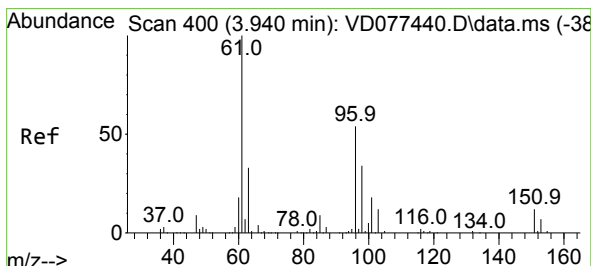
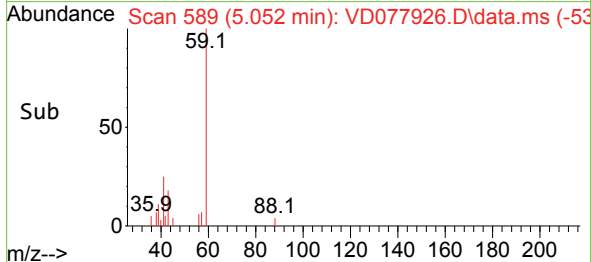
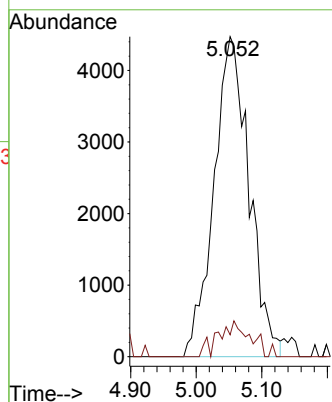
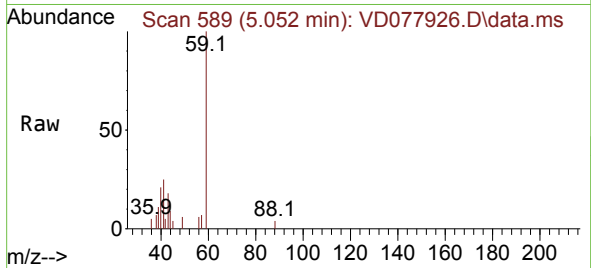




#11
Tert butyl alcohol
Concen: 273.908 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

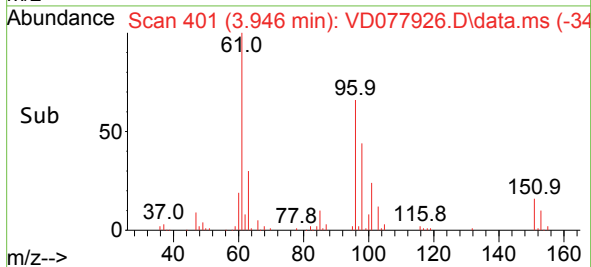
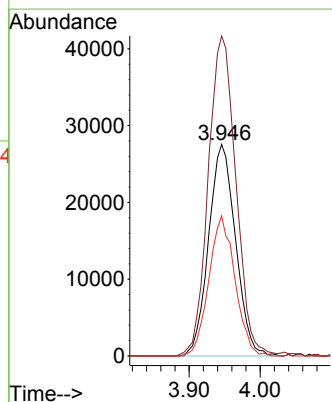
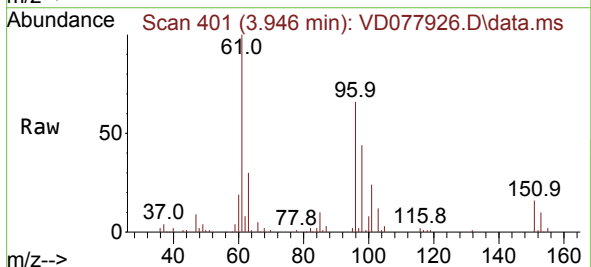
Instrument :
MSVOA_D
ClientSampleId :

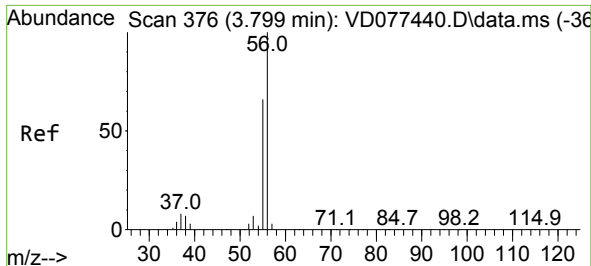
Tgt Ion: 59 Resp: 16654
Ion Ratio Lower Upper
59 100
57 7.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 56.107 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

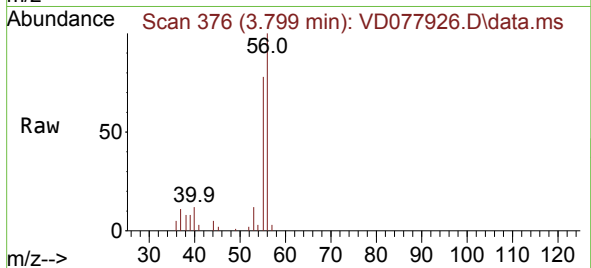
Tgt Ion: 96 Resp: 72549
Ion Ratio Lower Upper
96 100
61 150.6 100.6 150.8
98 66.3 50.2 75.2



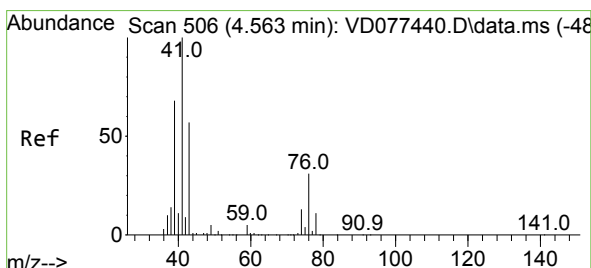
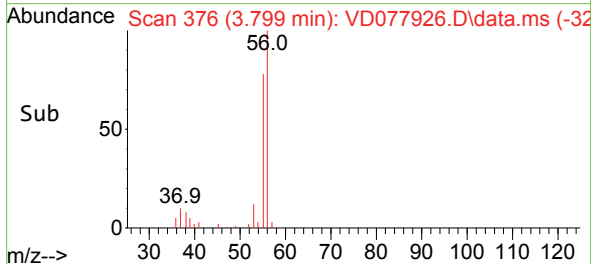
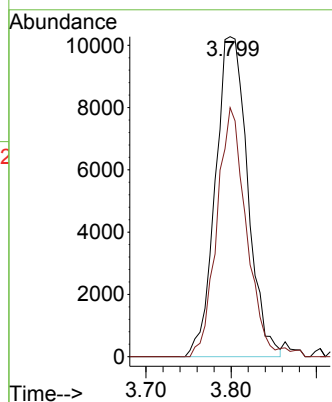


#13
Acrolein
Concen: 201.907 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Instrument :
MSVOA_D
ClientSampleId :

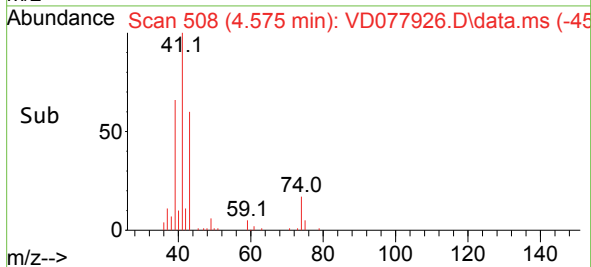
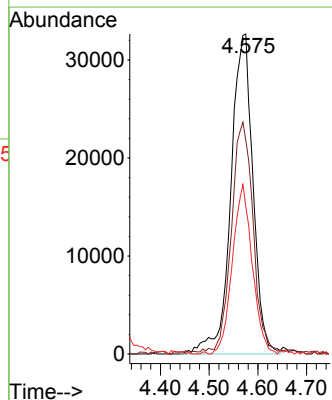
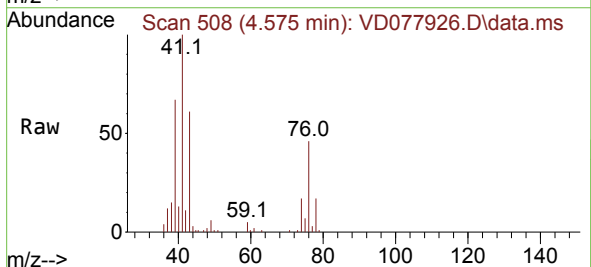


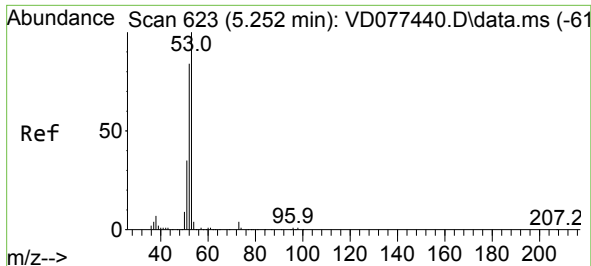
Tgt Ion: 56 Resp: 27073
Ion Ratio Lower Upper
56 100
55 71.8 55.1 82.7



#14
Allyl chloride
Concen: 57.834 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.012 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Tgt Ion: 41 Resp: 102851
Ion Ratio Lower Upper
41 100
39 69.6 53.8 80.6
76 47.5 45.8 68.8

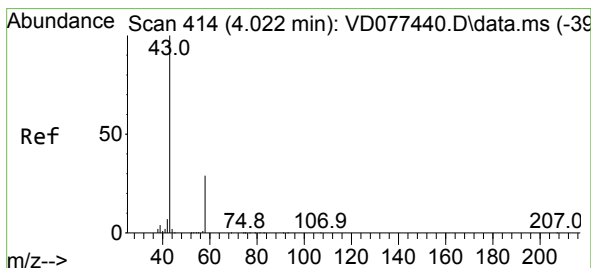
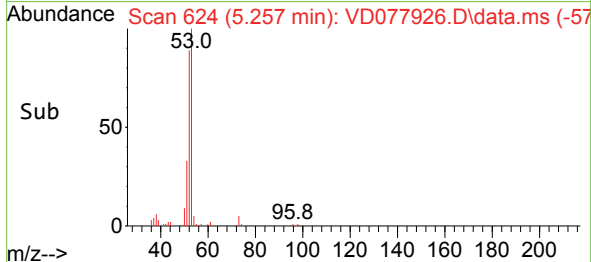
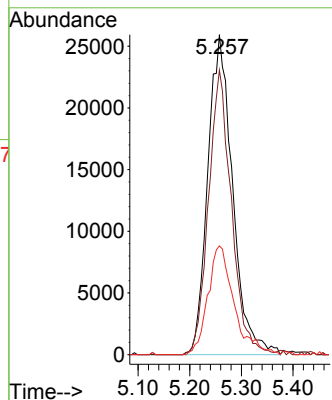
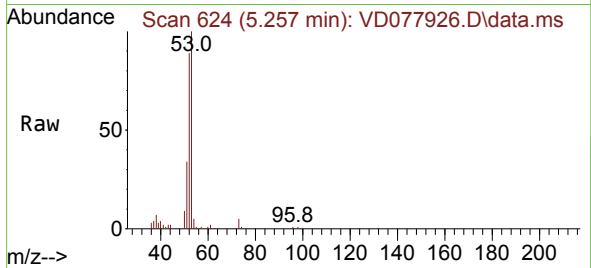




#15
Acrylonitrile
Concen: 314.252 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

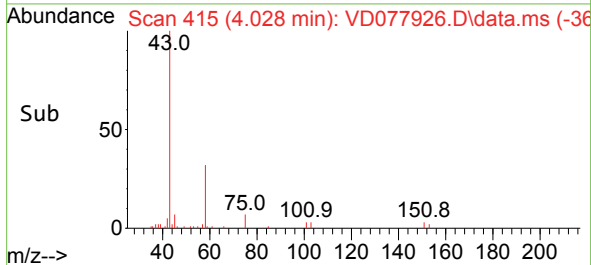
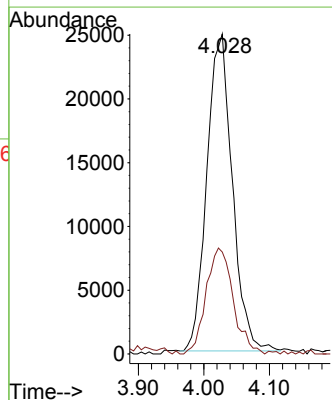
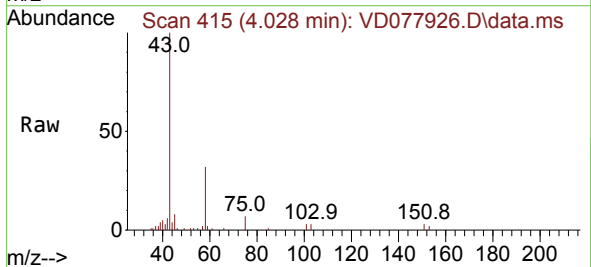
Instrument :
MSVOA_D
ClientSampleId :

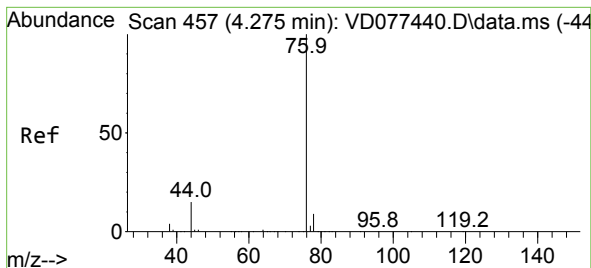
Tgt Ion: 53 Resp: 86523
Ion Ratio Lower Upper
53 100
52 82.0 65.0 97.4
51 35.8 28.3 42.5



#16
Acetone
Concen: 244.126 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Tgt Ion: 43 Resp: 67081
Ion Ratio Lower Upper
43 100
58 32.2 34.7 52.1#





#17

Carbon Disulfide

Concen: 52.985 ug/l

RT: 4.275 min Scan# 4

Delta R.T. 0.000 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Instrument :

MSVOA_D

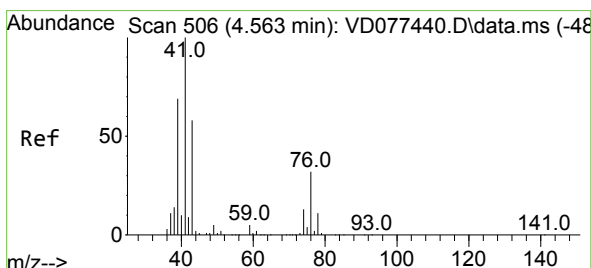
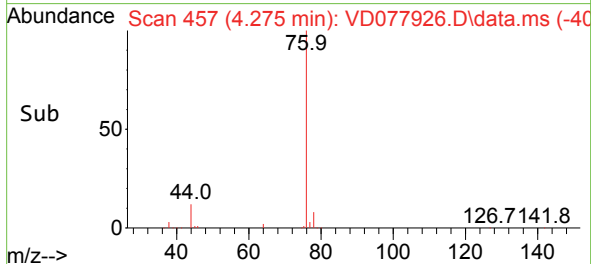
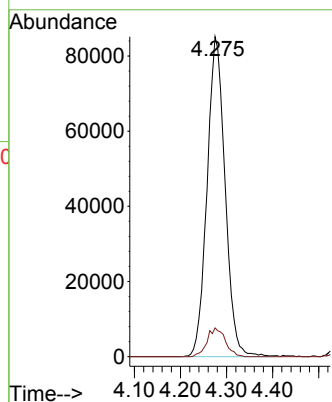
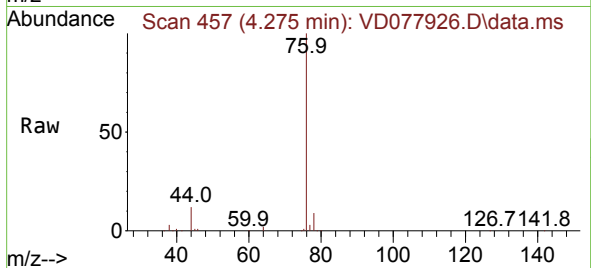
ClientSampleId :

Tgt Ion: 76 Resp: 231787

Ion Ratio Lower Upper

76 100

78 9.0 6.8 10.2



#18

Methyl Acetate

Concen: 70.250 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD077926.D

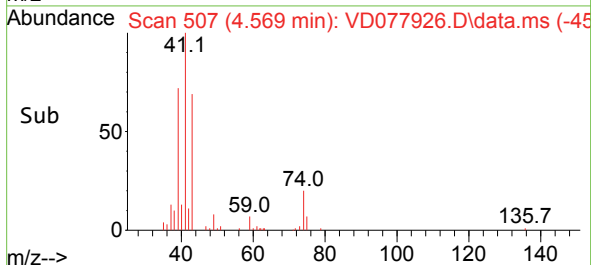
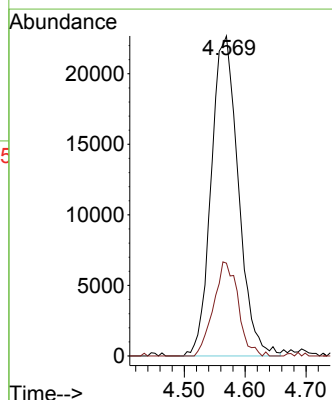
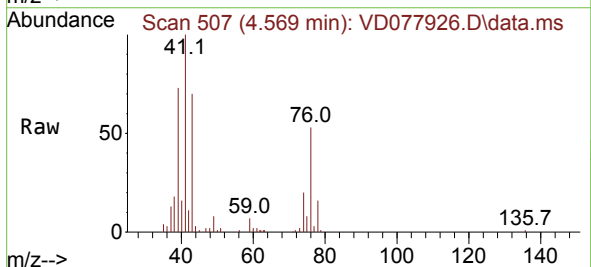
Acq: 16 Dec 2023 03:38

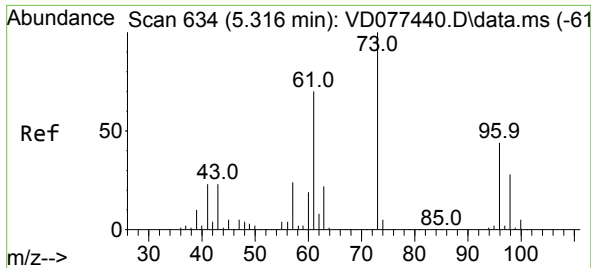
Tgt Ion: 43 Resp: 70130

Ion Ratio Lower Upper

43 100

74 26.7 26.4 39.6

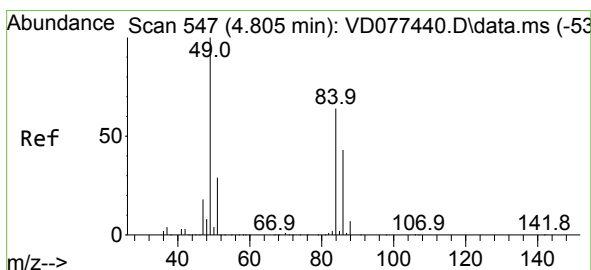
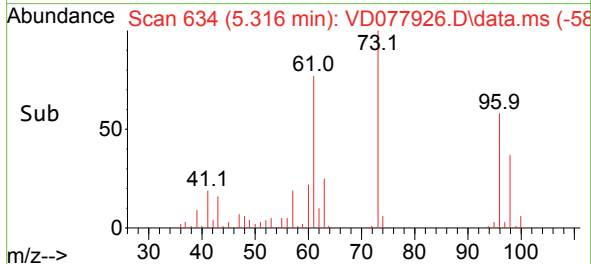
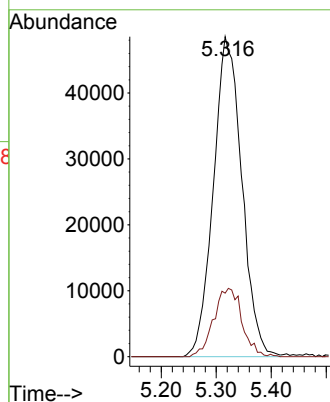
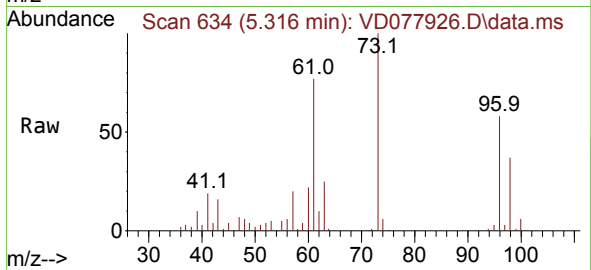




#19
Methyl tert-butyl Ether
Concen: 63.389 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

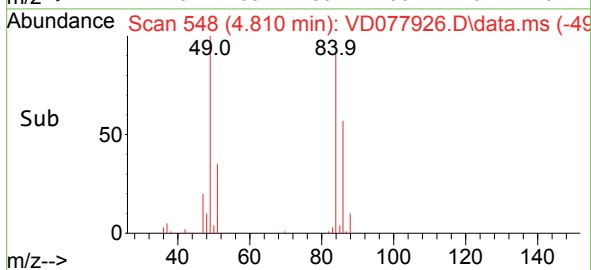
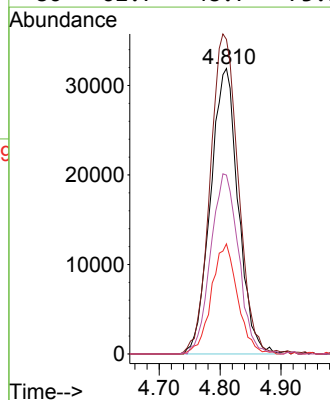
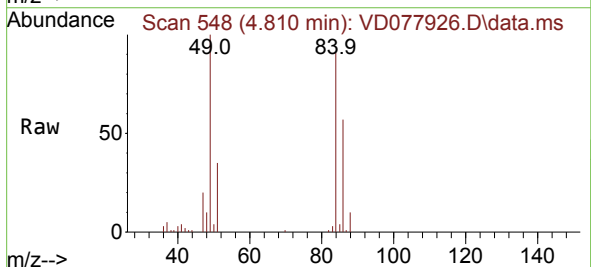
Instrument :
MSVOA_D
ClientSampleId :

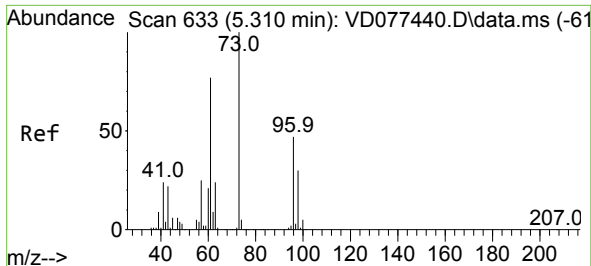
Tgt Ion: 73 Resp: 173901
Ion Ratio Lower Upper
73 100
57 19.8 16.6 25.0



#20
Methylene Chloride
Concen: 69.068 ug/l
RT: 4.810 min Scan# 548
Delta R.T. 0.005 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

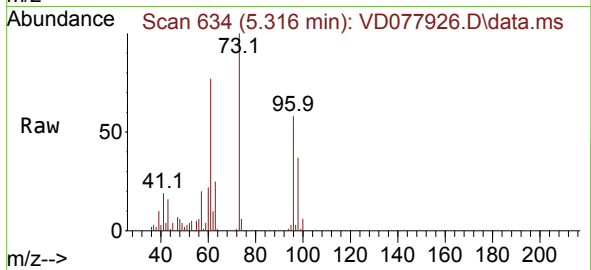
Tgt Ion: 84 Resp: 100909
Ion Ratio Lower Upper
84 100
49 110.2 71.4 107.2#
51 38.6 24.5 36.7#
86 62.7 48.7 73.1



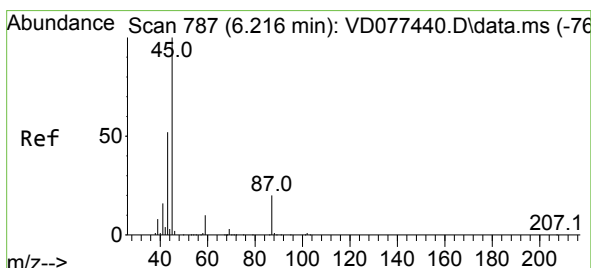
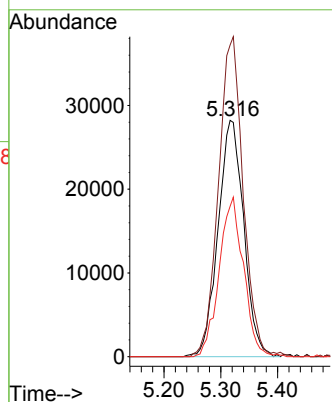
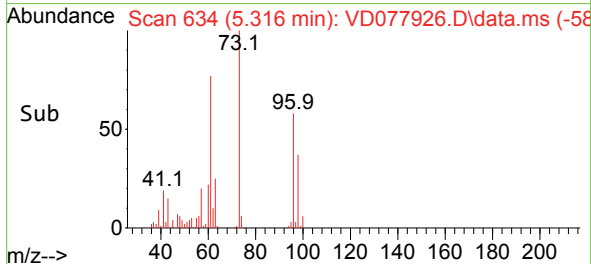


#21
trans-1,2-Dichloroethene
Concen: 60.439 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

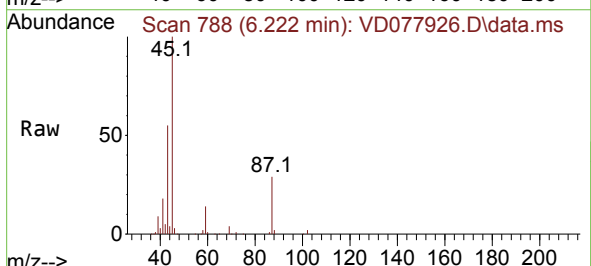
Instrument :
MSVOA_D
ClientSampleId :



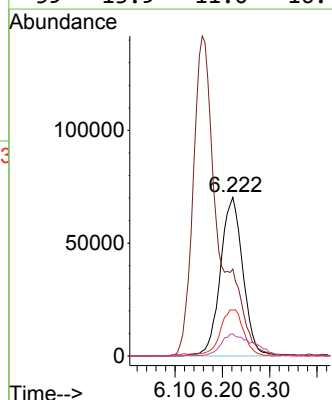
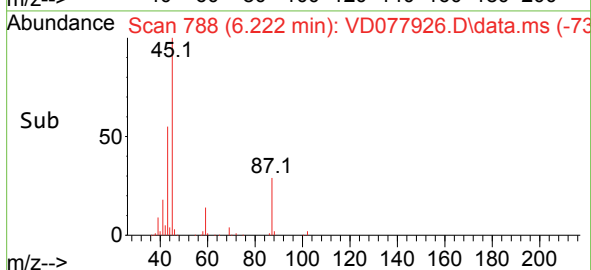
Tgt Ion: 96 Resp: 88519
Ion Ratio Lower Upper
96 100
61 131.9 89.3 133.9
98 63.7 48.6 73.0

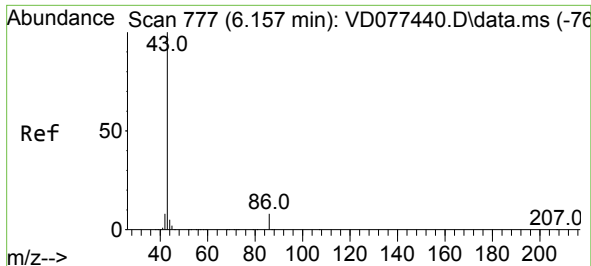


#22
Diisopropyl ether
Concen: 62.497 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38



Tgt Ion: 45 Resp: 232261
Ion Ratio Lower Upper
45 100
43 53.8 40.0 60.0
87 29.0 28.2 42.4
59 13.9 11.0 16.4

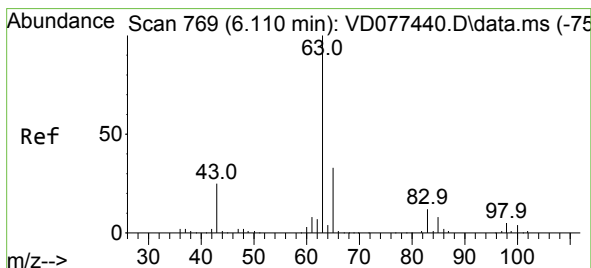
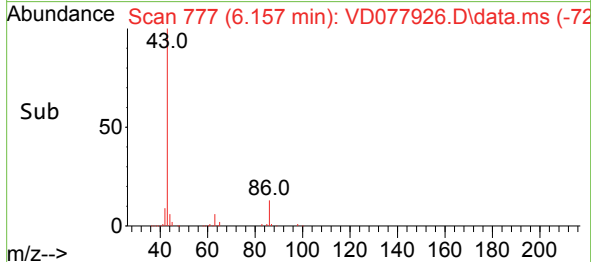
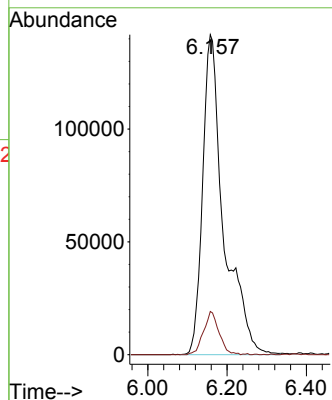
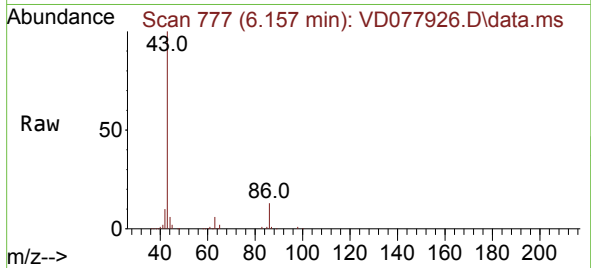




#23
 Vinyl Acetate
 Concen: 289.053 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077926.D
 Acq: 16 Dec 2023 03:38

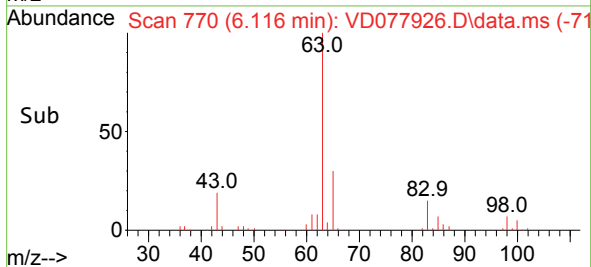
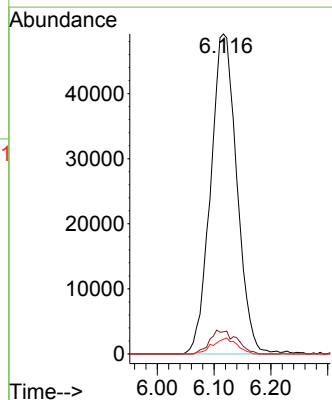
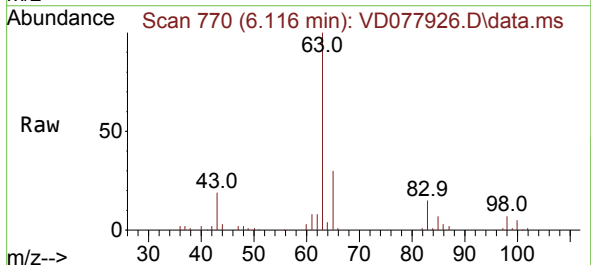
Instrument :
 MSVOA_D
 ClientSampleId :

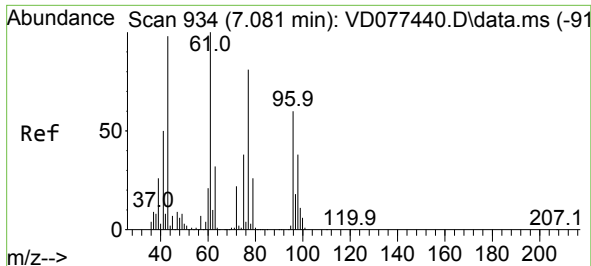
Tgt Ion: 43 Resp: 524586
 Ion Ratio Lower Upper
 43 100
 86 13.5 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 62.597 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077926.D
 Acq: 16 Dec 2023 03:38

Tgt Ion: 63 Resp: 157538
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.5 13.7
 100 4.6 2.5 7.5

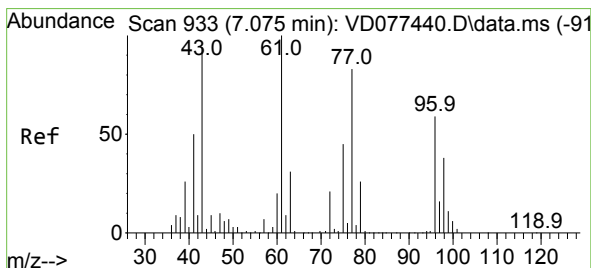
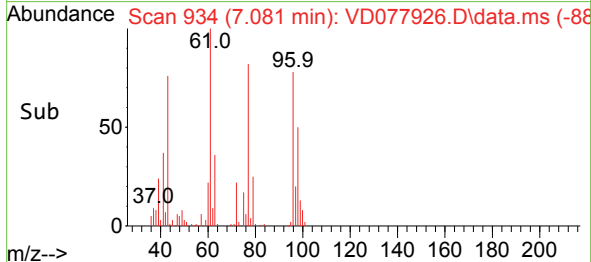
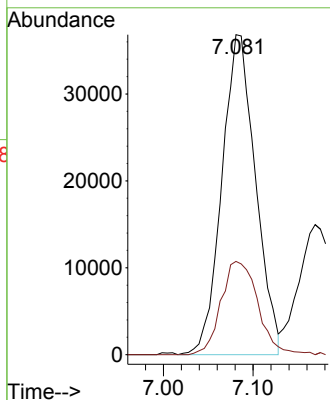
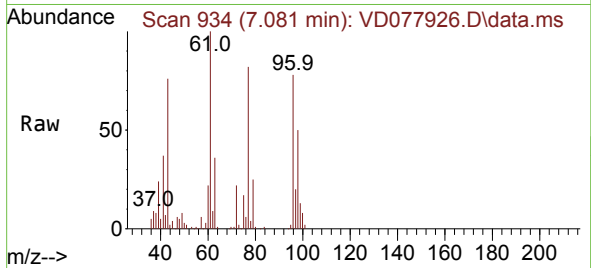




#25
2-Butanone
Concen: 277.039 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

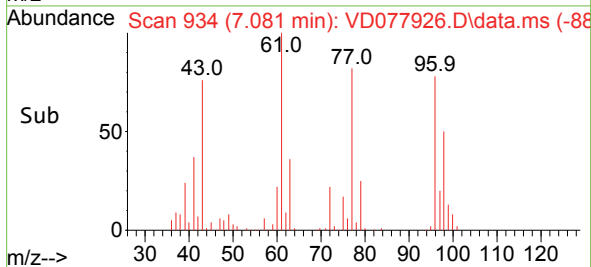
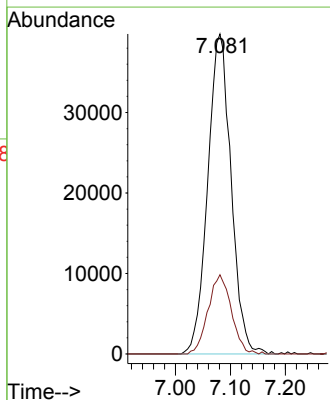
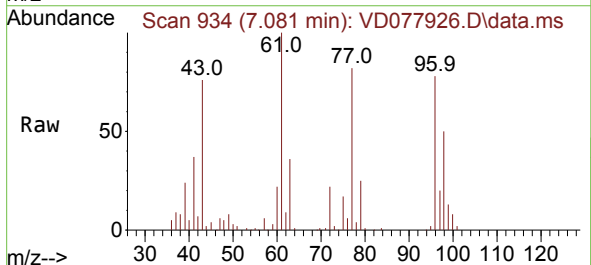
Instrument :
MSVOA_D
ClientSampleId :

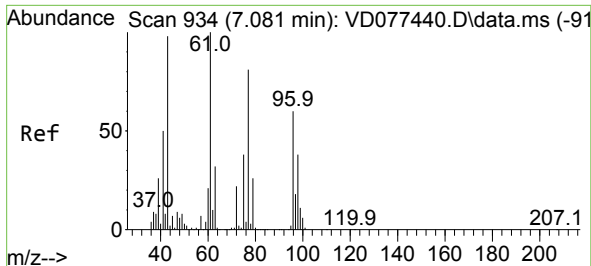
Tgt Ion: 43 Resp: 95965
Ion Ratio Lower Upper
43 100
72 29.2 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 55.529 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

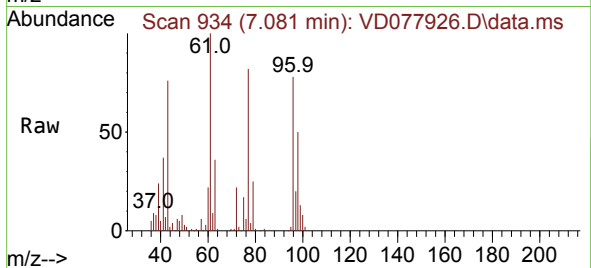
Tgt Ion: 77 Resp: 117336
Ion Ratio Lower Upper
77 100
97 24.6 13.2 39.6



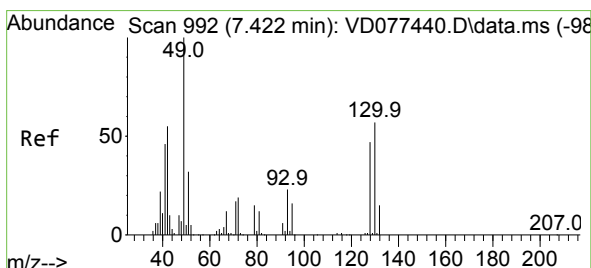
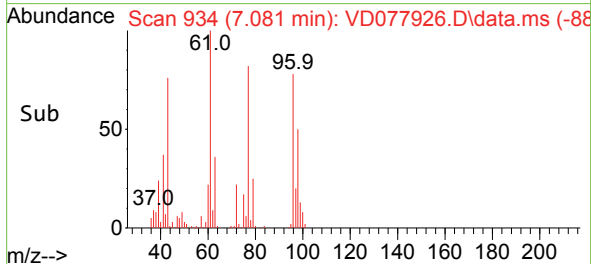
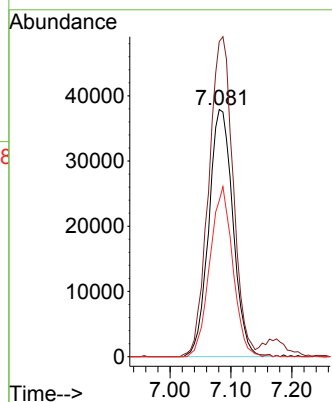


#27
 cis-1,2-Dichloroethene
 Concen: 66.401 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077926.D
 Acq: 16 Dec 2023 03:38

Instrument :
 MSVOA_D
 ClientSampleId :

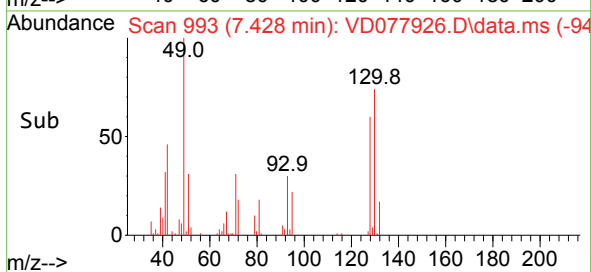
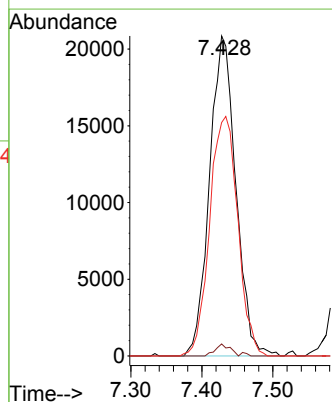
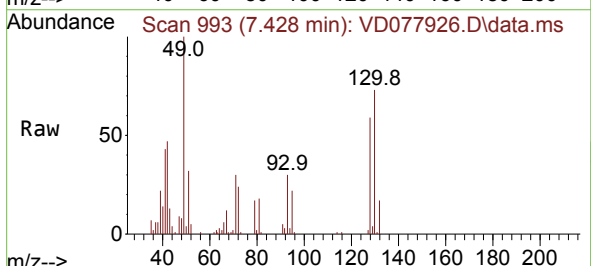


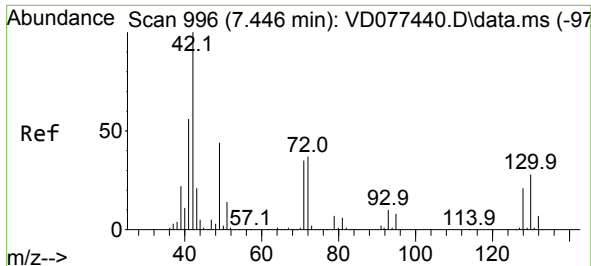
Tgt Ion: 96 Resp: 104644
 Ion Ratio Lower Upper
 96 100
 61 130.4 0.0 239.2
 98 65.0 0.0 128.6



#28
 Bromochloromethane
 Concen: 52.764 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077926.D
 Acq: 16 Dec 2023 03:38

Tgt Ion: 49 Resp: 53659
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 6.0
 130 79.8 83.2 124.8#

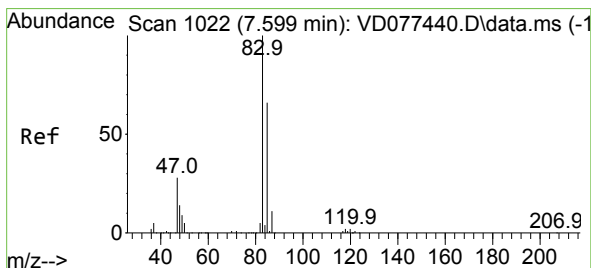
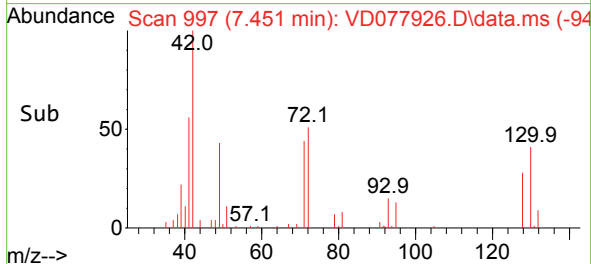
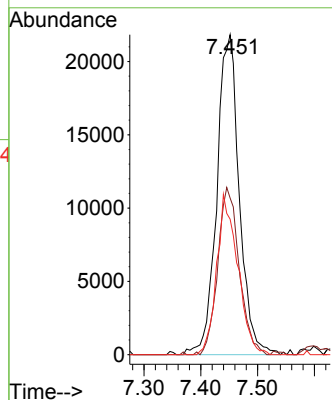
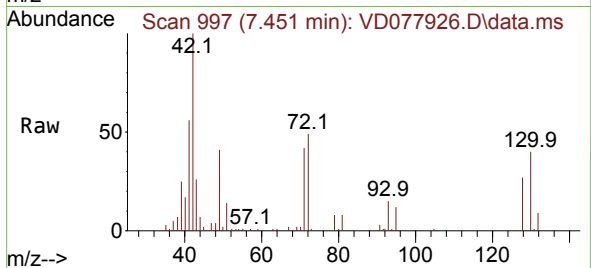




#29
Tetrahydrofuran
Concen: 297.121 ug/l
RT: 7.451 min Scan# 997
Delta R.T. 0.005 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

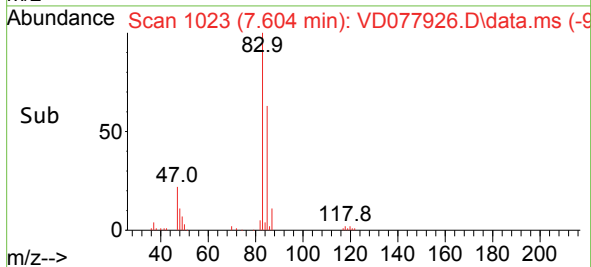
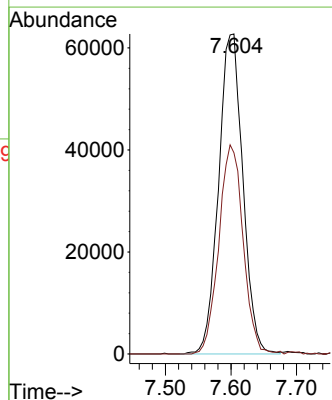
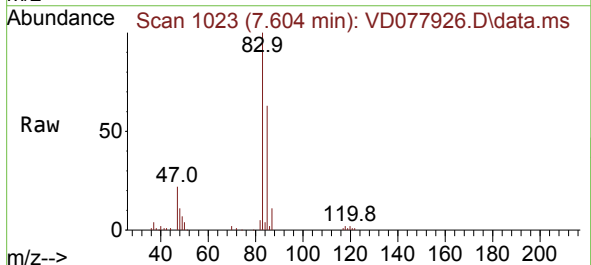
Instrument :
MSVOA_D
ClientSampleId :

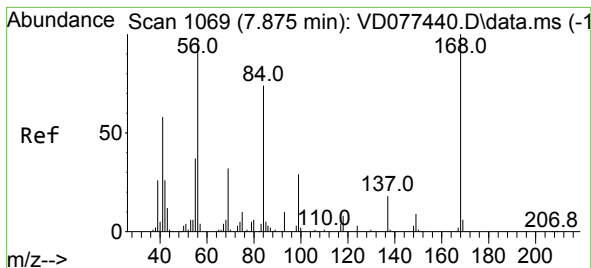
Tgt Ion: 42 Resp: 59974
Ion Ratio Lower Upper
42 100
72 50.1 46.5 69.7
71 46.9 44.5 66.7



#30
Chloroform
Concen: 63.968 ug/l
RT: 7.604 min Scan# 1023
Delta R.T. 0.005 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Tgt Ion: 83 Resp: 161121
Ion Ratio Lower Upper
83 100
85 62.8 53.4 80.2





#31

Cyclohexane

Concen: 49.340 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

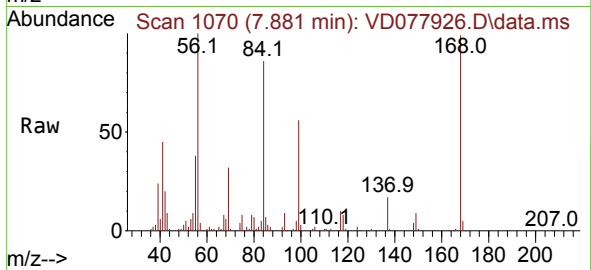
Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Instrument :

MSVOA_D

ClientSampleId :



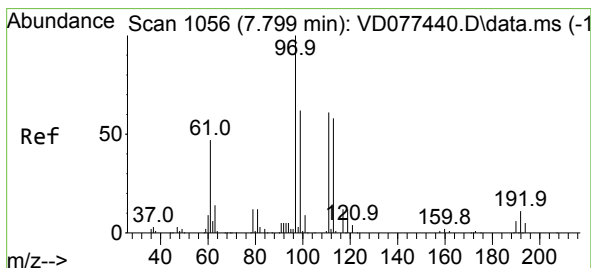
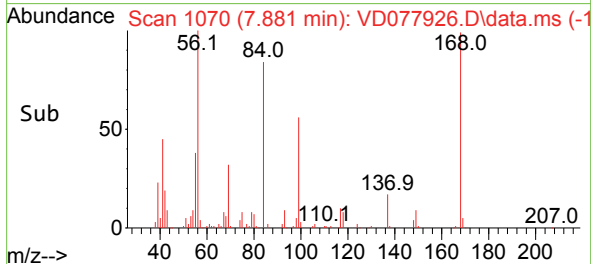
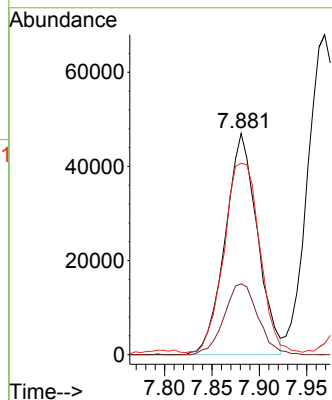
Tgt Ion: 56 Resp: 111243

Ion Ratio Lower Upper

56 100

69 32.1 28.6 43.0

84 85.3 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 59.509 ug/l

RT: 7.798 min Scan# 1056

Delta R.T. -0.001 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

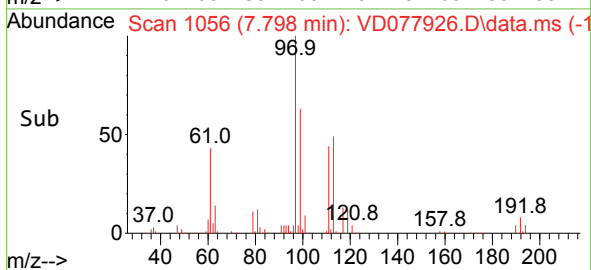
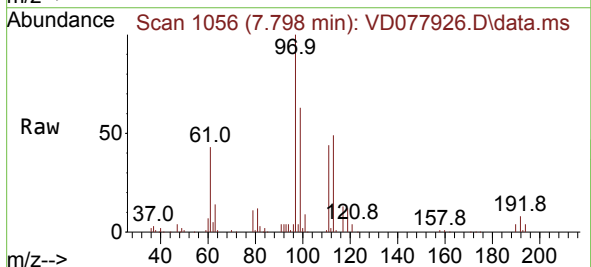
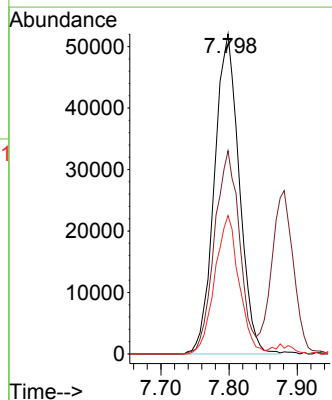
Tgt Ion: 97 Resp: 132137

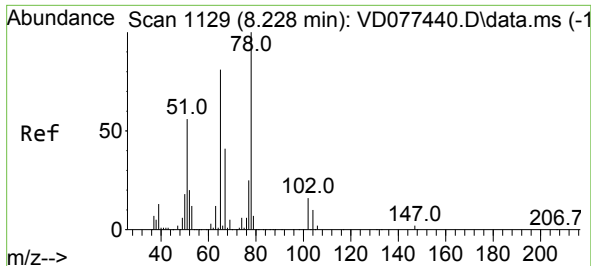
Ion Ratio Lower Upper

97 100

99 64.2 52.0 78.0

61 42.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 57.502 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Instrument :

MSVOA_D

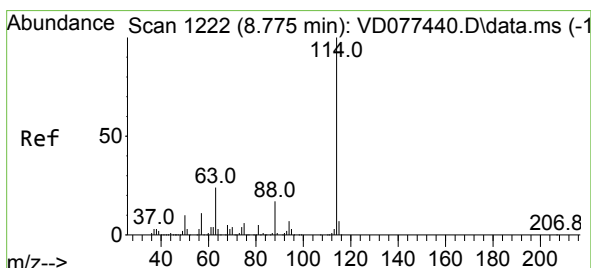
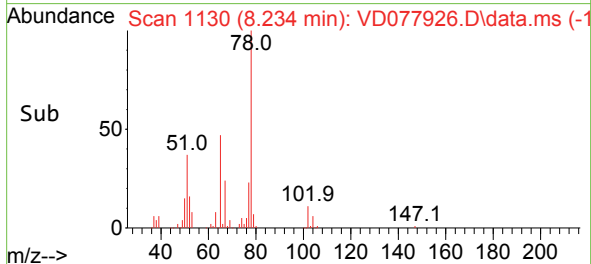
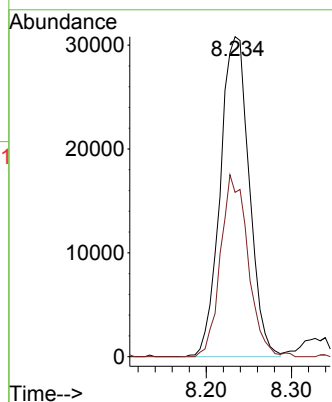
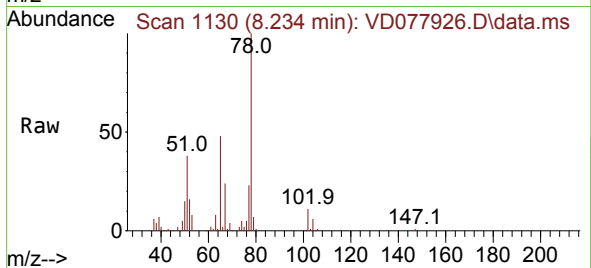
ClientSampleId :

Tgt Ion: 65 Resp: 72888

Ion Ratio Lower Upper

65 100

67 53.6 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: VD077926.D

Acq: 16 Dec 2023 03:38

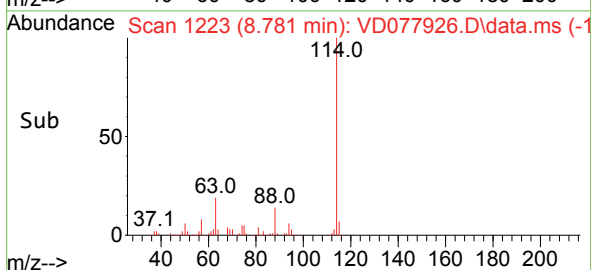
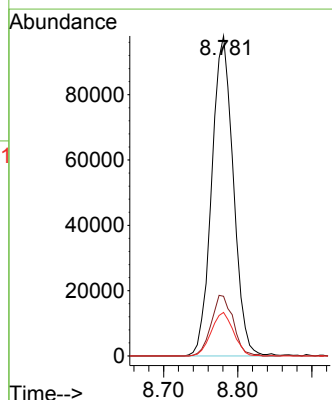
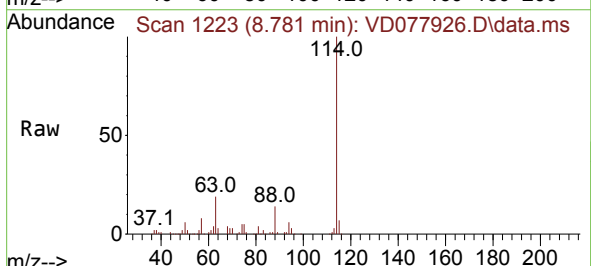
Tgt Ion: 114 Resp: 198216

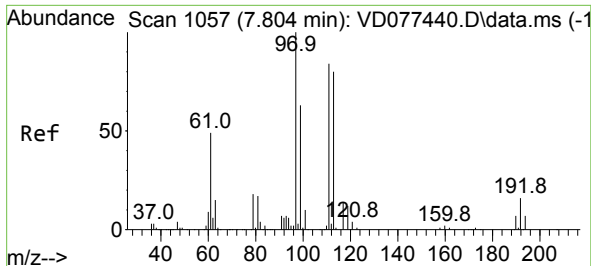
Ion Ratio Lower Upper

114 100

63 18.6 0.0 33.4

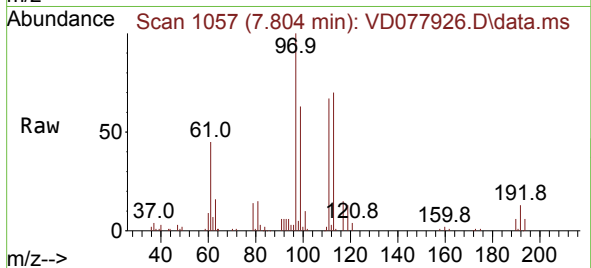
88 13.6 0.0 26.2



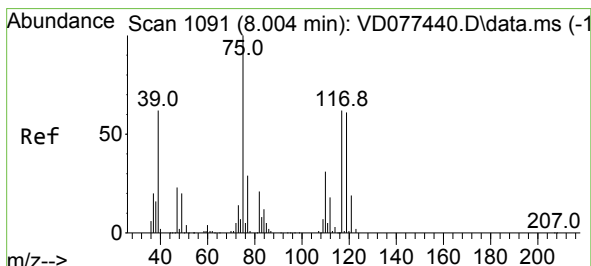
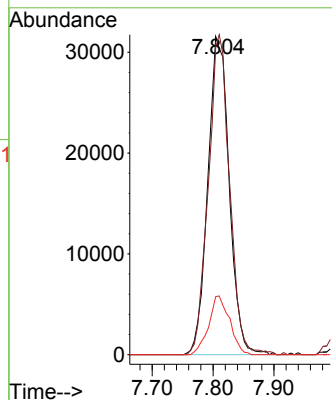
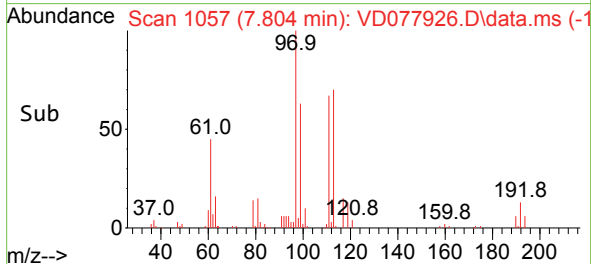


#35
Dibromofluoromethane
Concen: 55.574 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

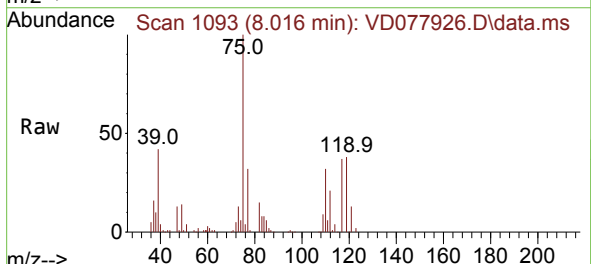
Instrument :
MSVOA_D
ClientSampleId :



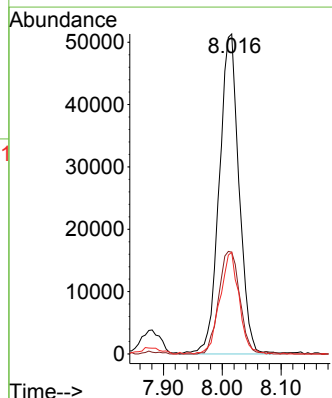
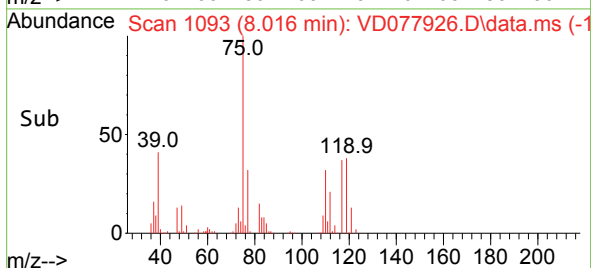
Tgt Ion:113 Resp: 77161
Ion Ratio Lower Upper
113 100
111 99.7 84.7 127.1
192 18.1 16.8 25.2

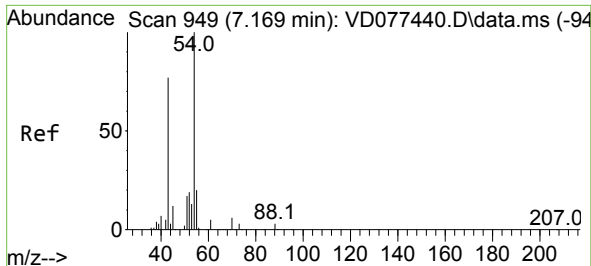


#36
1,1-Dichloropropene
Concen: 54.039 ug/l
RT: 8.016 min Scan# 1093
Delta R.T. 0.012 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38



Tgt Ion: 75 Resp: 120015
Ion Ratio Lower Upper
75 100
110 34.1 19.9 59.6
77 30.7 24.7 37.1





#37

Ethyl Acetate

Concen: 48.614 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Instrument :

MSVOA_D

ClientSampleId :

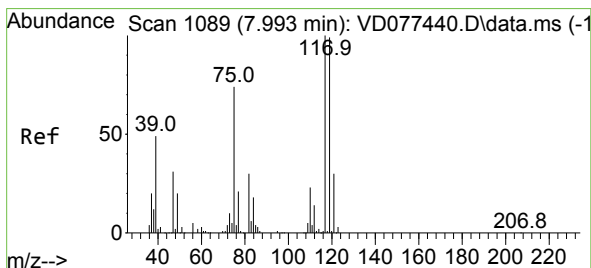
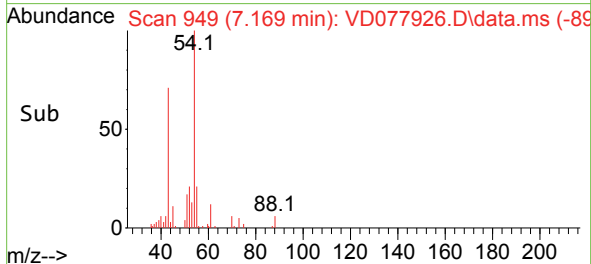
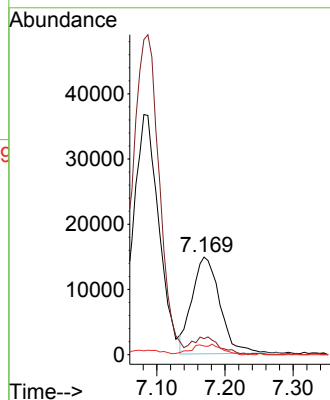
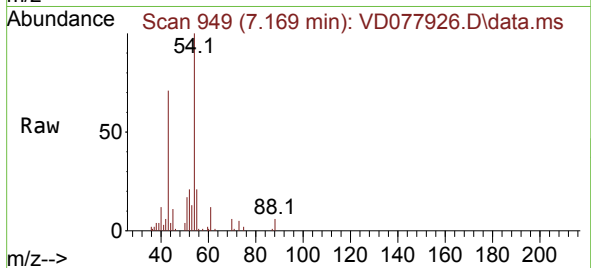
Tgt Ion: 43 Resp: 42098

Ion Ratio Lower Upper

43 100

61 18.0 14.9 22.3

70 5.4 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 52.167 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

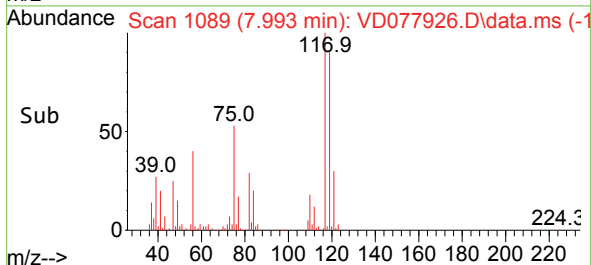
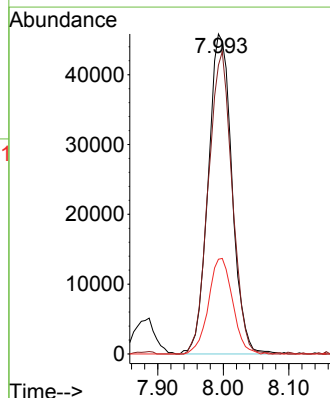
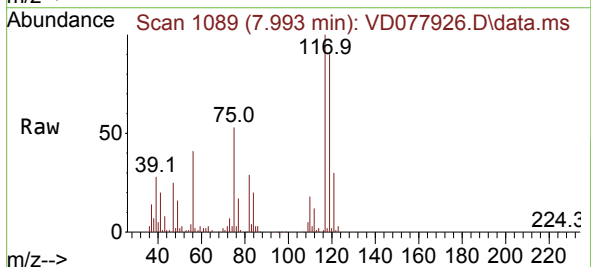
Tgt Ion: 117 Resp: 115502

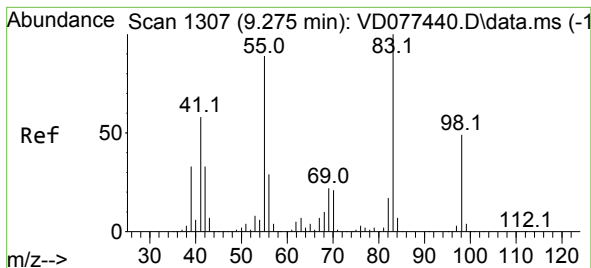
Ion Ratio Lower Upper

117 100

119 90.2 78.0 117.0

121 29.6 24.2 36.2





#39

Methylcyclohexane

Concen: 49.472 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Instrument :

MSVOA_D

ClientSampleId :

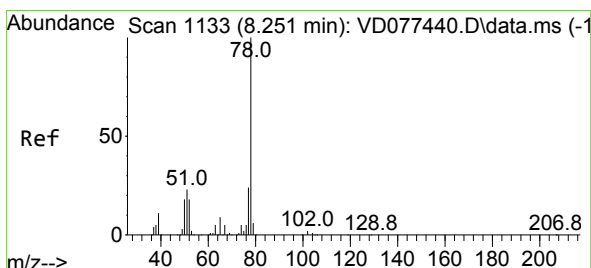
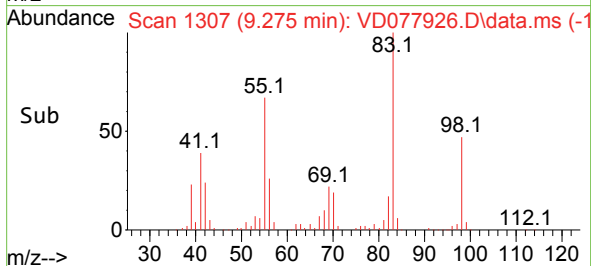
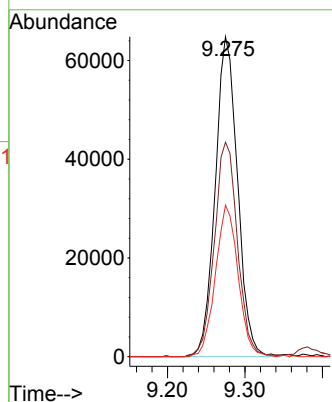
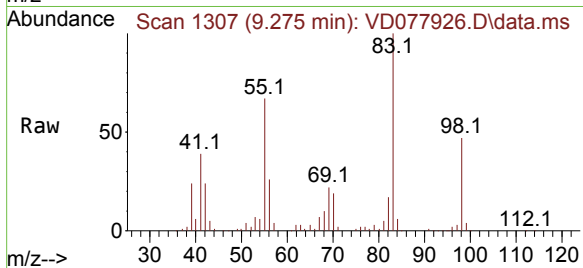
Tgt Ion: 83 Resp: 130252

Ion Ratio Lower Upper

83 100

55 67.0 49.4 74.0

98 47.3 38.4 57.6



#40

Benzene

Concen: 58.553 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077926.D

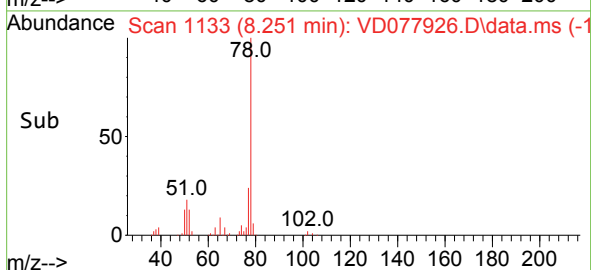
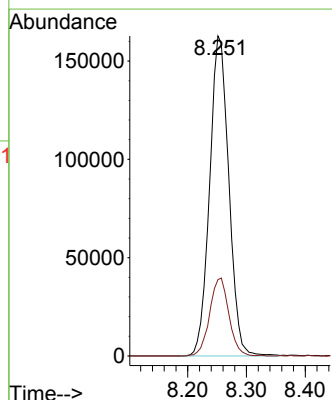
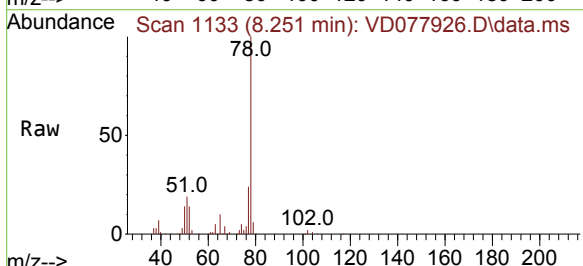
Acq: 16 Dec 2023 03:38

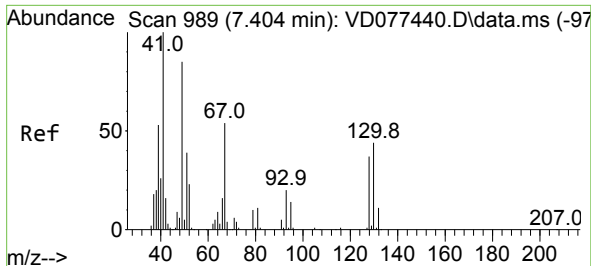
Tgt Ion: 78 Resp: 369080

Ion Ratio Lower Upper

78 100

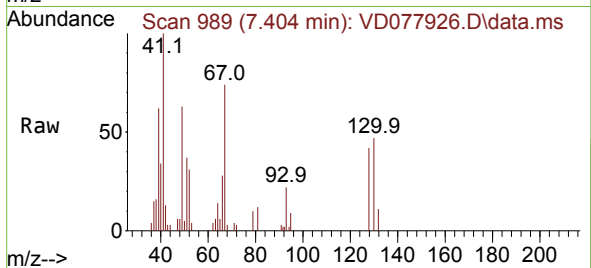
77 23.8 19.4 29.0



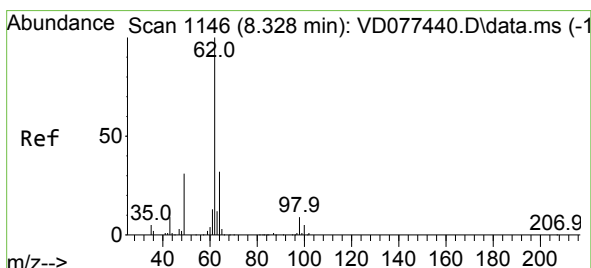
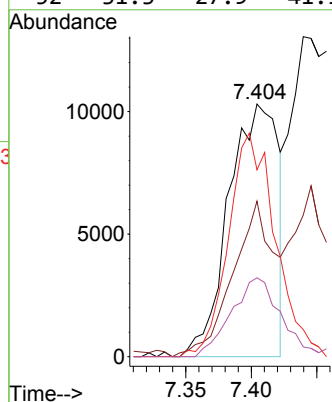
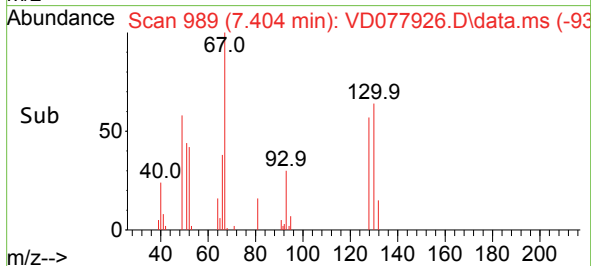


#41
Methacrylonitrile
Concen: 61.665 ug/l
RT: 7.404 min Scan# 989
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Instrument :
MSVOA_D
ClientSampleId :

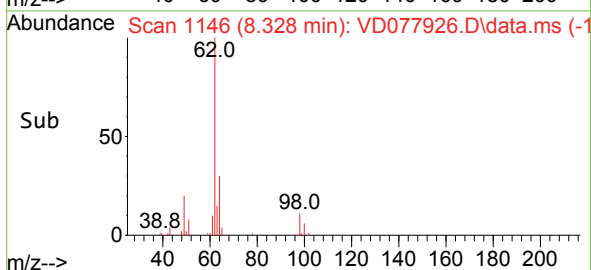
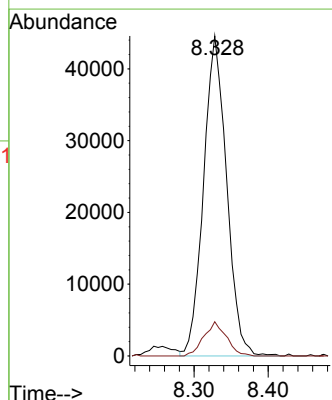
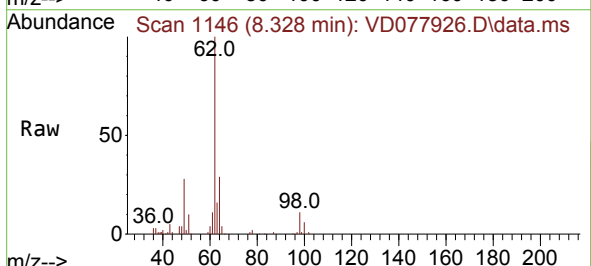


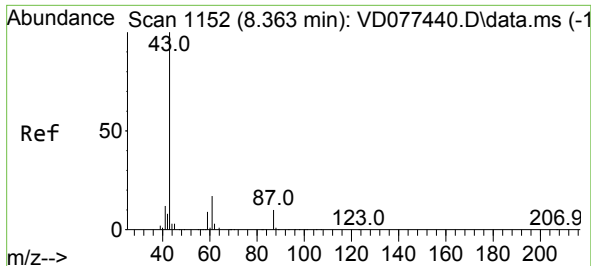
Tgt Ion:	41	Resp:	27141
Ion	Ratio	Lower	Upper
41	100		
39	51.0	34.0	51.0
67	83.6	77.0	115.4
52	31.3	27.9	41.9



#42
1,2-Dichloroethane
Concen: 58.973 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Tgt Ion:	62	Resp:	96356
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	25.4

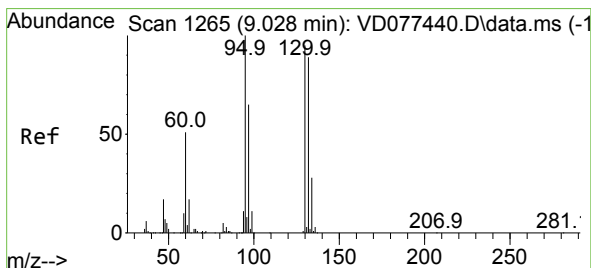
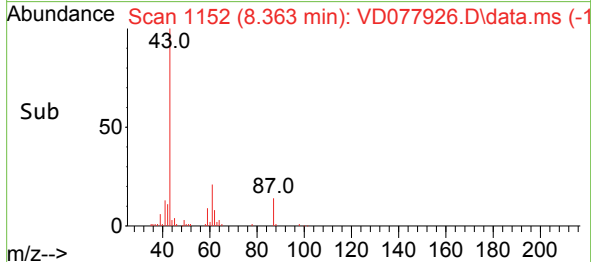
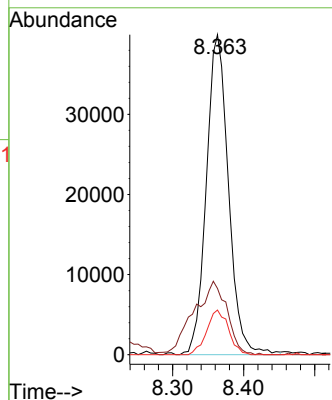
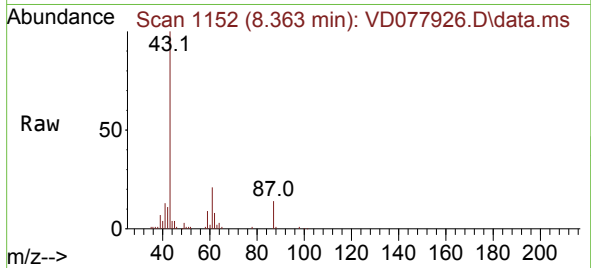




#43
Isopropyl Acetate
Concen: 56.206 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

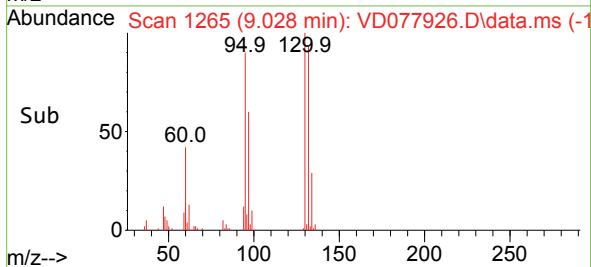
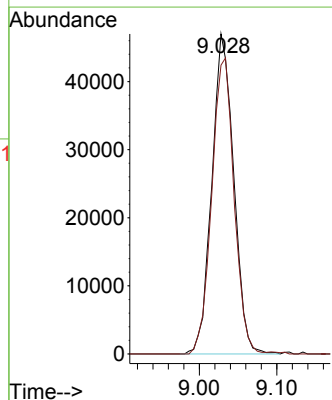
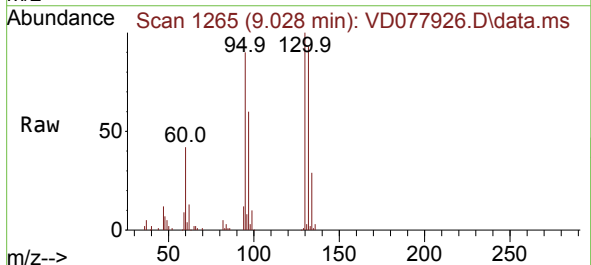
Instrument :
MSVOA_D
ClientSampleId :

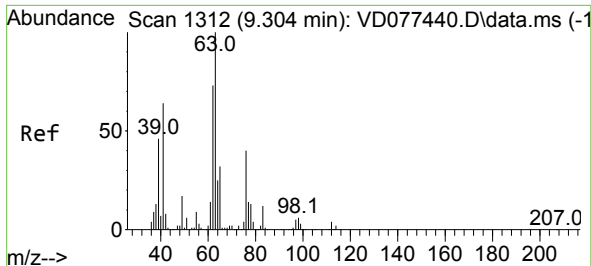
Tgt Ion: 43 Resp: 86522
Ion Ratio Lower Upper
43 100
61 34.5 31.4 47.0
87 13.8 14.9 22.3#



#44
Trichloroethene
Concen: 56.270 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Tgt Ion:130 Resp: 92431
Ion Ratio Lower Upper
130 100
95 90.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 58.220 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Instrument :

MSVOA_D

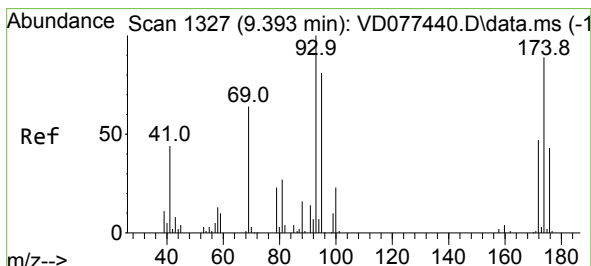
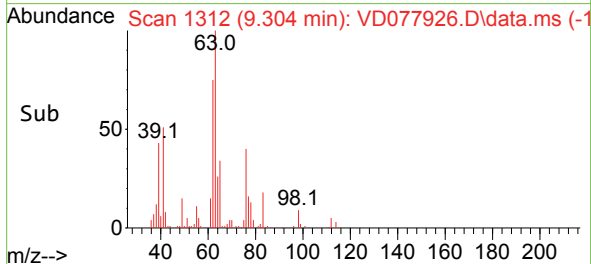
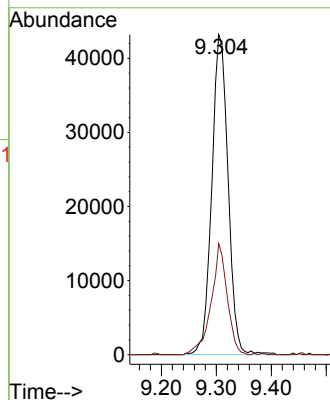
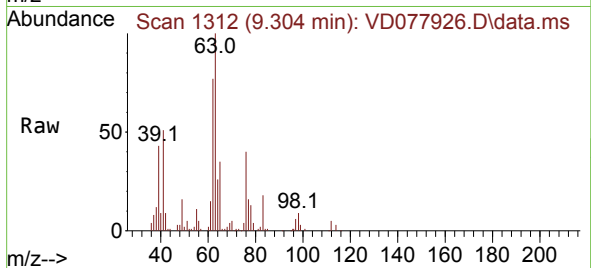
ClientSampleId :

Tgt Ion: 63 Resp: 89212

Ion Ratio Lower Upper

63 100

65 34.7 24.5 36.7



#46

Dibromomethane

Concen: 60.348 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

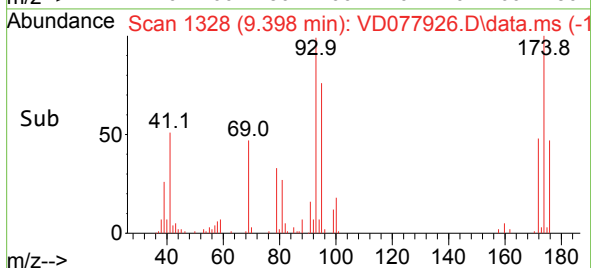
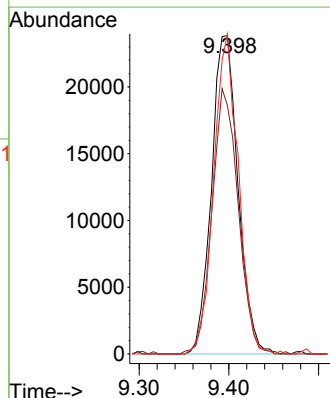
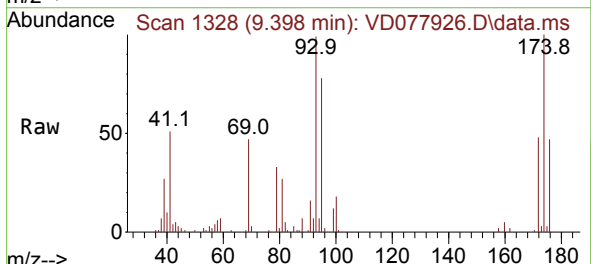
Tgt Ion: 93 Resp: 48928

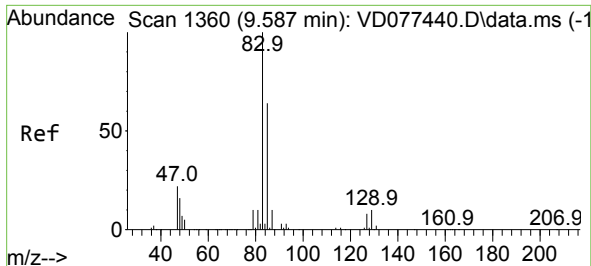
Ion Ratio Lower Upper

93 100

95 82.2 67.7 101.5

174 93.6 85.4 128.2





#47

Bromodichloromethane

Concen: 60.336 ug/l

RT: 9.587 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Instrument :

MSVOA_D

ClientSampleId :

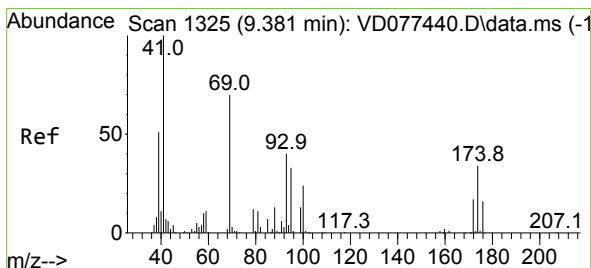
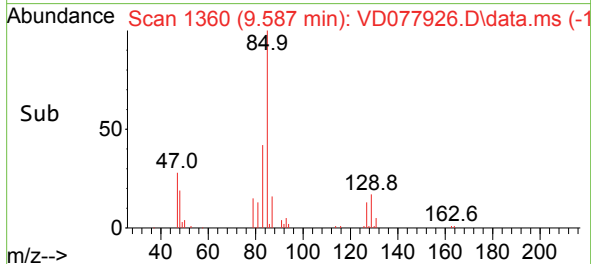
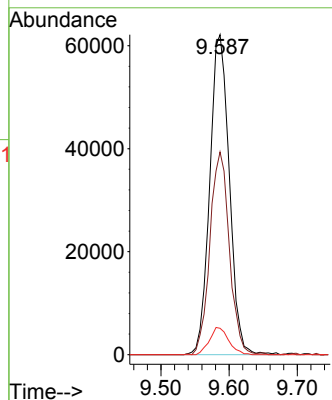
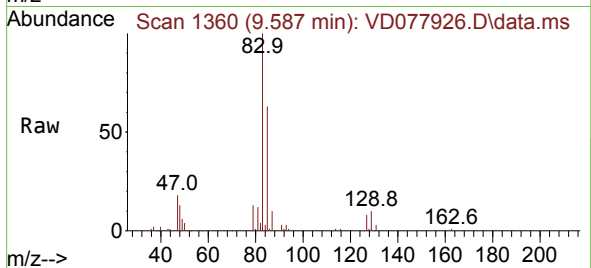
Tgt Ion: 83 Resp: 123993

Ion Ratio Lower Upper

83 100

85 63.4 50.2 75.4

127 8.2 6.3 9.5



#48

Methyl methacrylate

Concen: 57.075 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

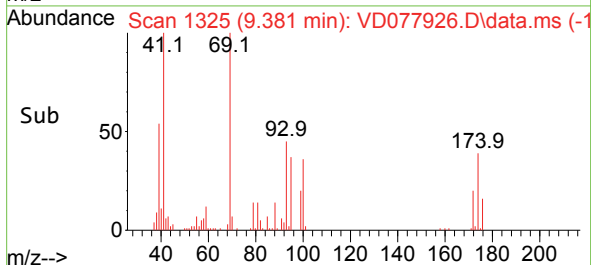
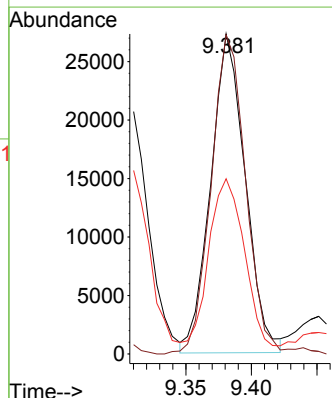
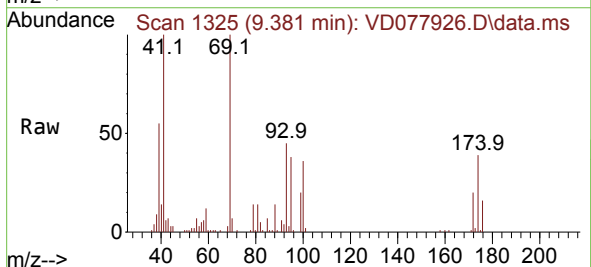
Tgt Ion: 41 Resp: 49944

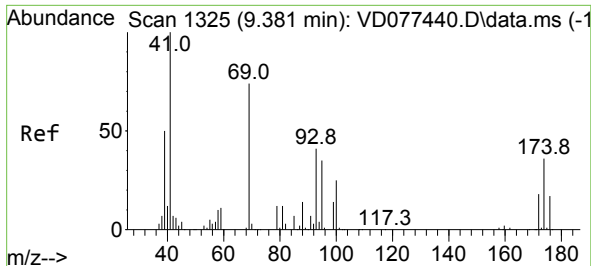
Ion Ratio Lower Upper

41 100

69 100.0 102.2 153.2#

39 57.9 41.4 62.2





#49

1,4-Dioxane

Concen: 966.376 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Instrument :

MSVOA_D

ClientSampleId :

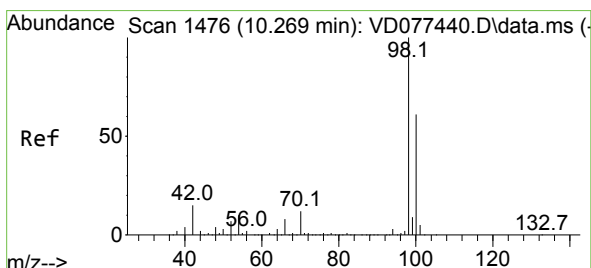
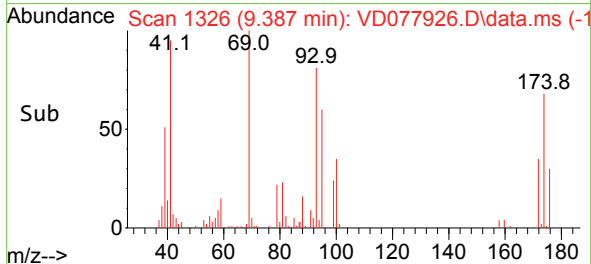
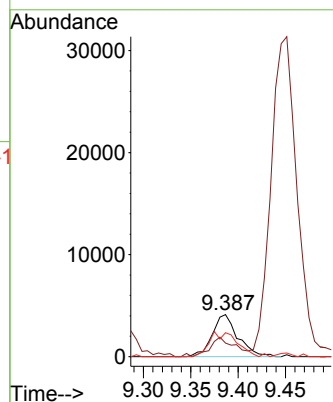
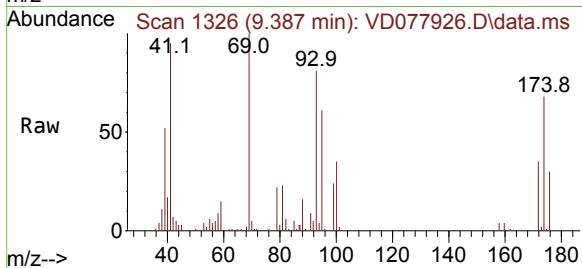
Tgt Ion: 88 Resp: 7780

Ion Ratio Lower Upper

88 100

43 44.8 19.0 28.6#

58 63.3 43.5 65.3



#50

Toluene-d8

Concen: 55.402 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077926.D

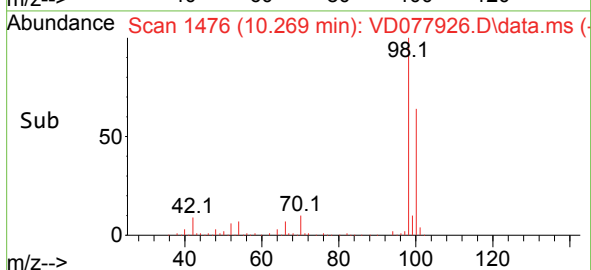
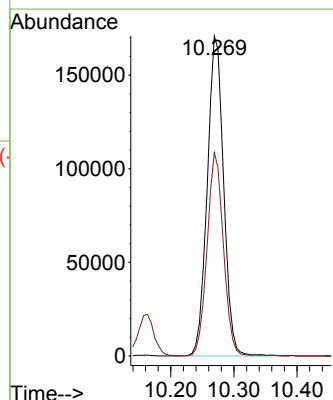
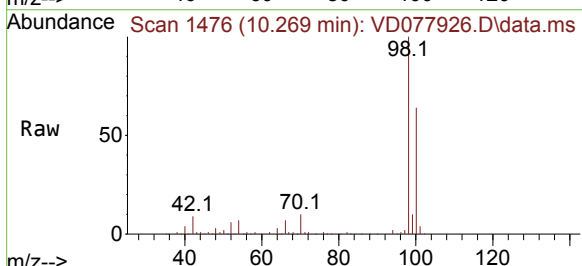
Acq: 16 Dec 2023 03:38

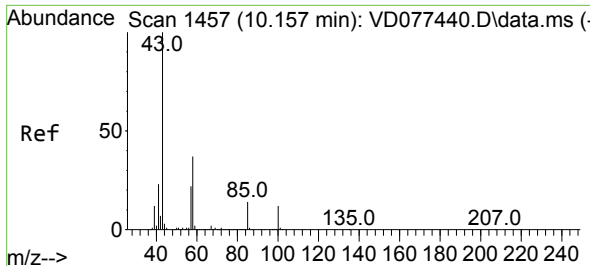
Tgt Ion: 98 Resp: 308085

Ion Ratio Lower Upper

98 100

100 63.2 50.3 75.5

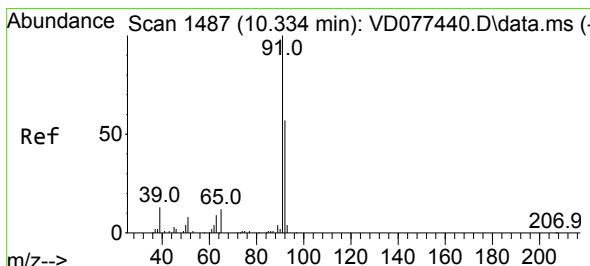
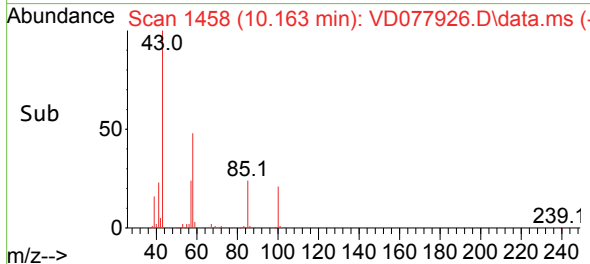
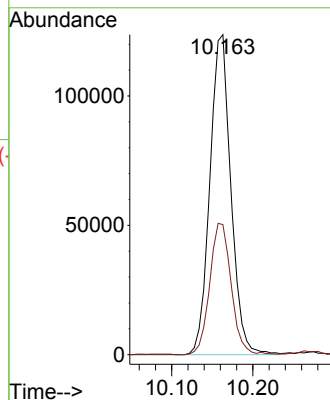
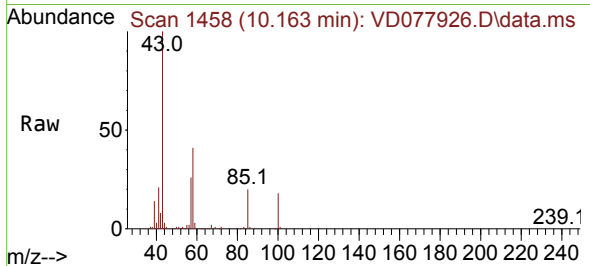




#51
4-Methyl-2-Pentanone
Concen: 283.480 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

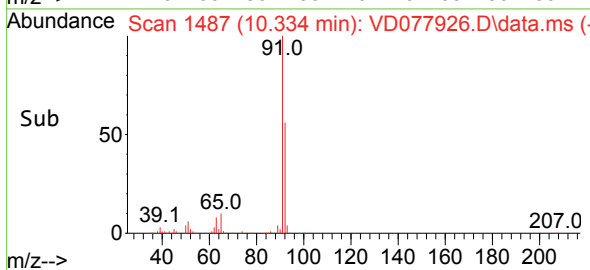
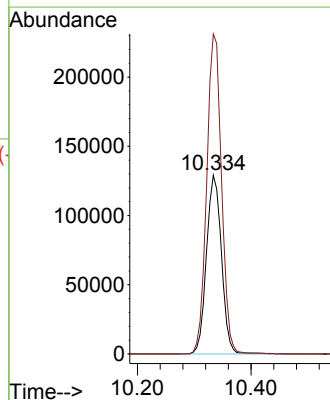
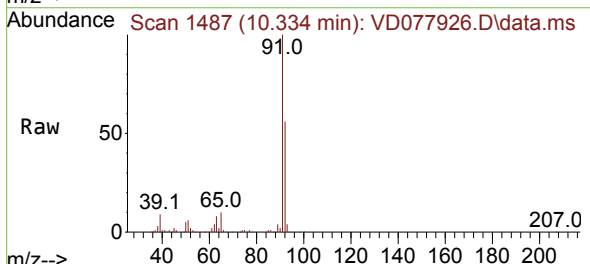
Instrument :
MSVOA_D
ClientSampleId :

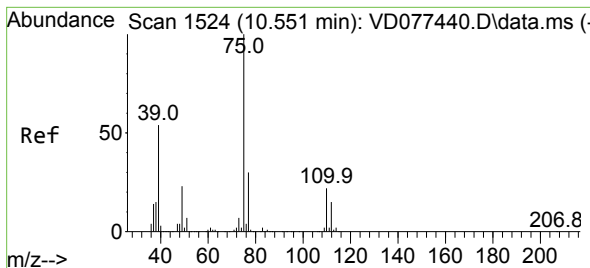
Tgt Ion: 43 Resp: 222712
Ion Ratio Lower Upper
43 100
58 41.9 38.9 58.3



#52
Toluene
Concen: 60.203 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Tgt Ion: 92 Resp: 235392
Ion Ratio Lower Upper
92 100
91 177.4 143.0 214.4

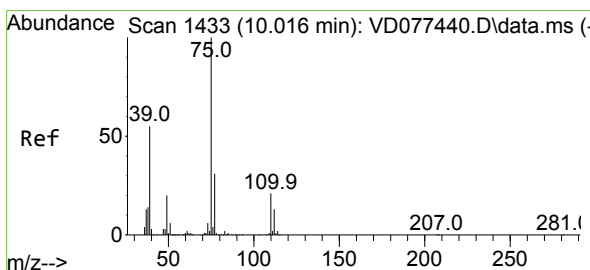
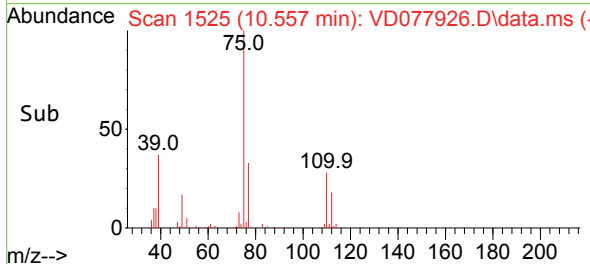
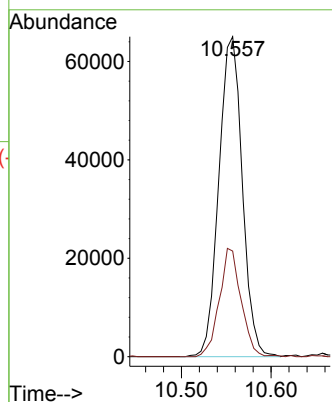
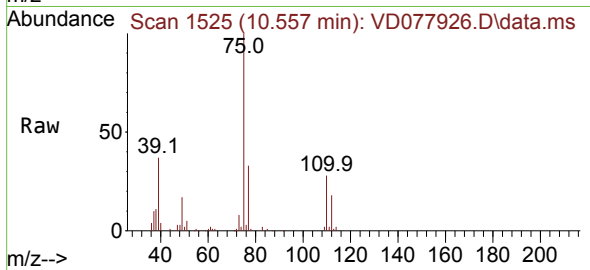




#53
t-1,3-Dichloropropene
Concen: 59.691 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

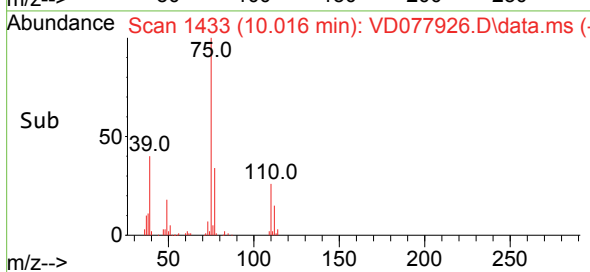
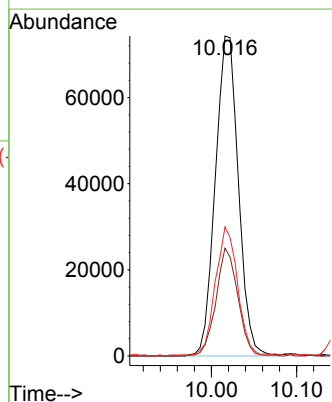
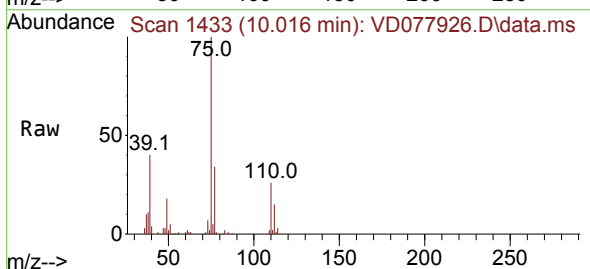
Instrument :
MSVOA_D
ClientSampleId :

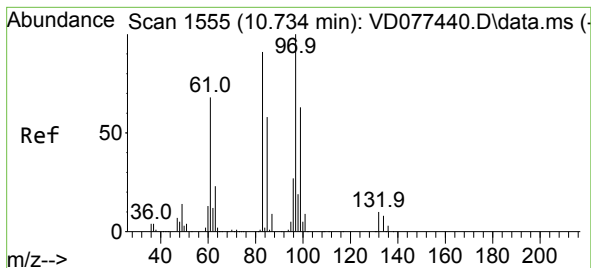
Tgt Ion: 75 Resp: 117796
Ion Ratio Lower Upper
75 100
77 33.0 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 58.533 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Tgt Ion: 75 Resp: 139657
Ion Ratio Lower Upper
75 100
77 33.7 25.5 38.3
39 40.0 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 59.723 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

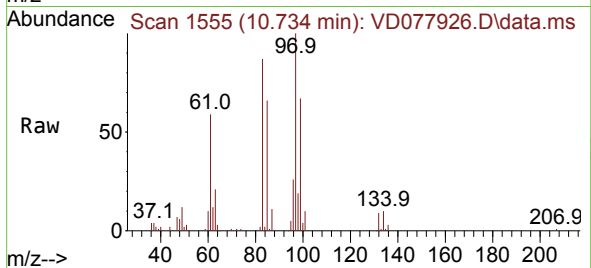
Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 66233

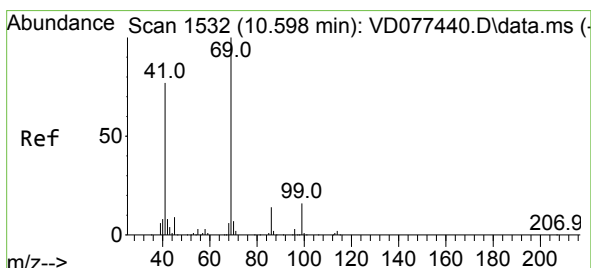
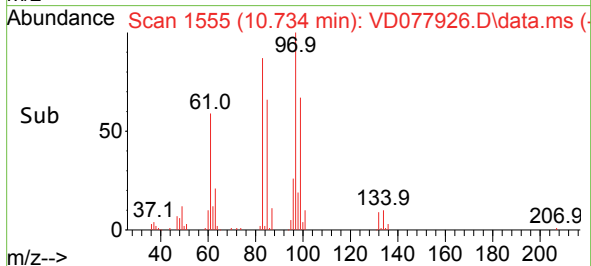
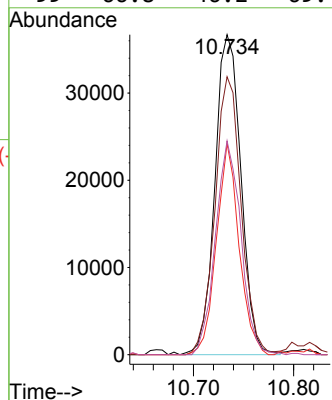
Ion Ratio Lower Upper

97 100

83 86.9 65.8 98.6

85 66.0 45.7 68.5

99 66.8 46.2 69.4



#56

Ethyl methacrylate

Concen: 60.704 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

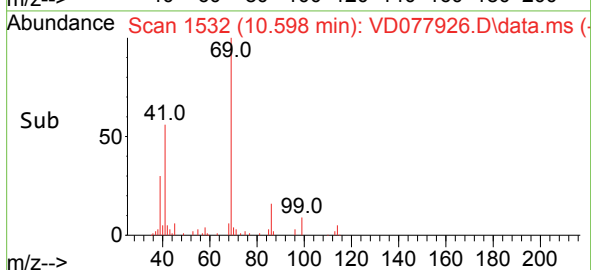
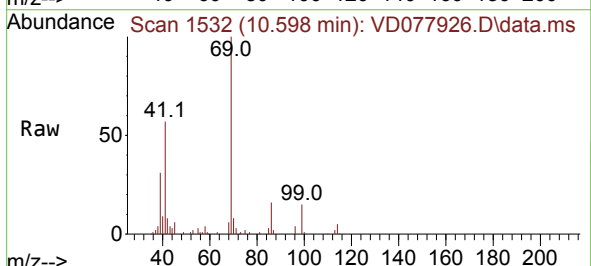
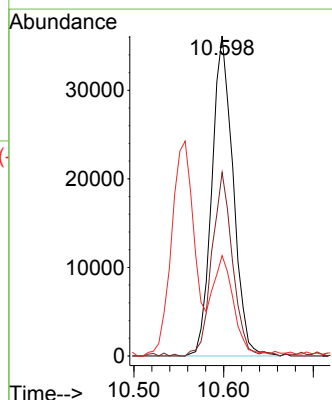
Tgt Ion: 69 Resp: 59345

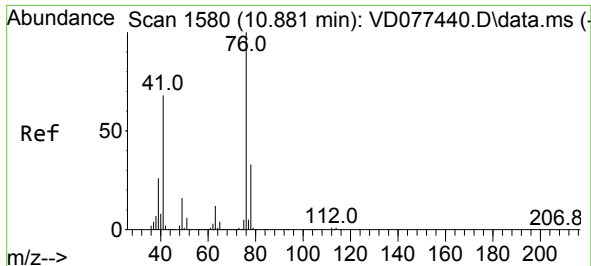
Ion Ratio Lower Upper

69 100

41 55.6 39.1 58.7

39 29.4 20.0 30.0





#57

1,3-Dichloropropane

Concen: 59.580 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Instrument :

MSVOA_D

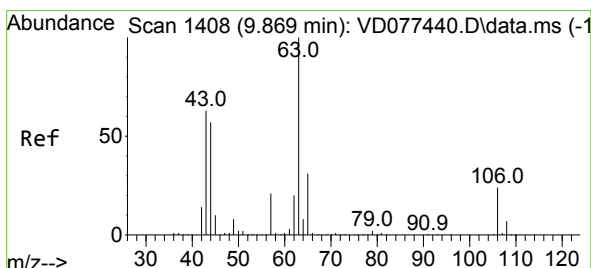
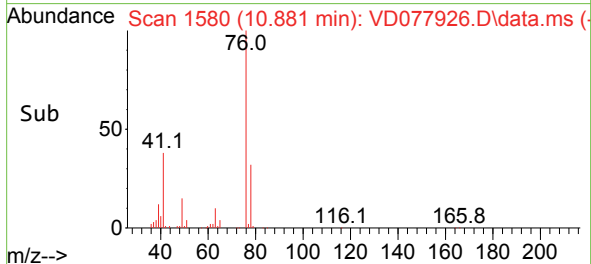
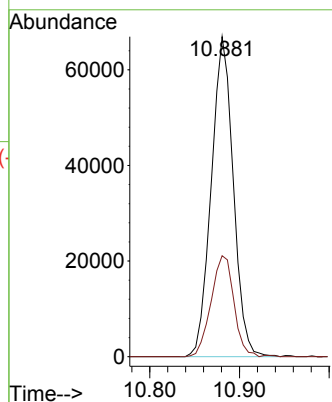
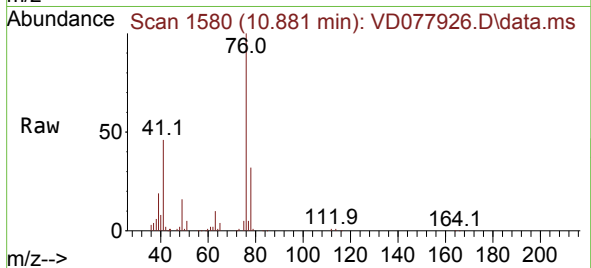
ClientSampleId :

Tgt Ion: 76 Resp: 113895

Ion Ratio Lower Upper

76 100

78 32.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 245.143 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD077926.D

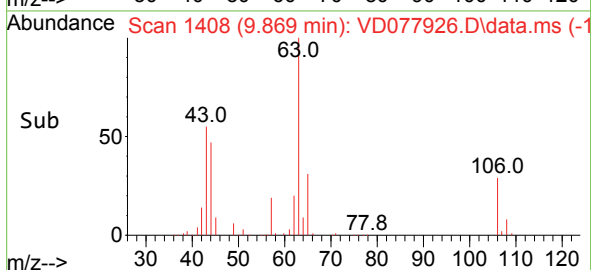
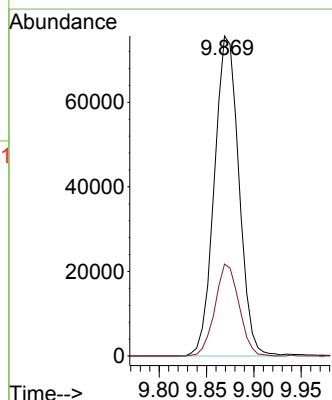
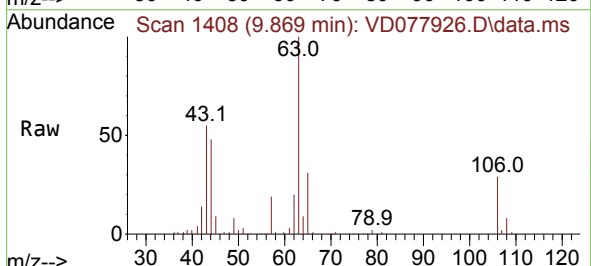
Acq: 16 Dec 2023 03:38

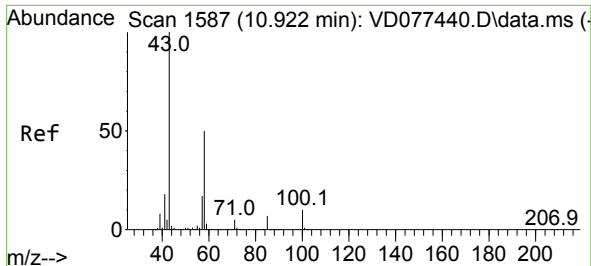
Tgt Ion: 63 Resp: 136671

Ion Ratio Lower Upper

63 100

106 28.1 25.3 37.9

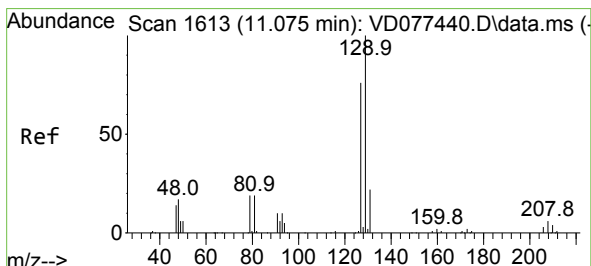
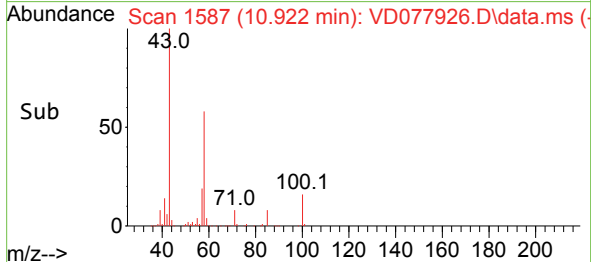
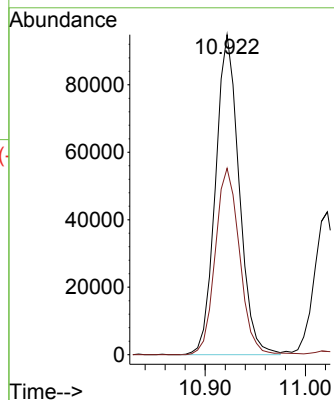
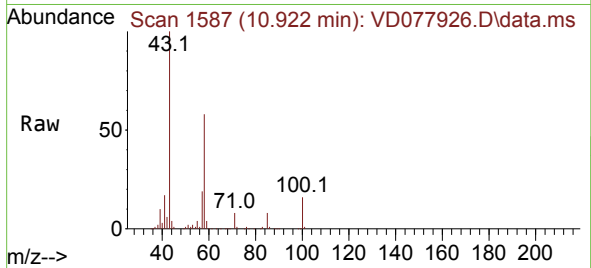




#59
2-Hexanone
Concen: 237.870 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

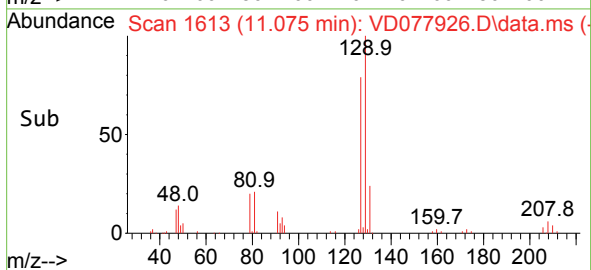
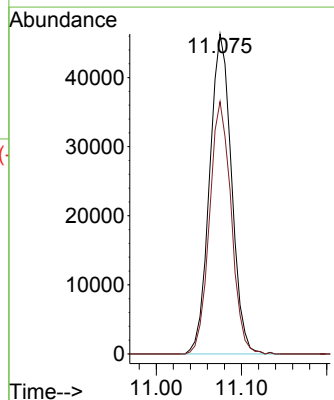
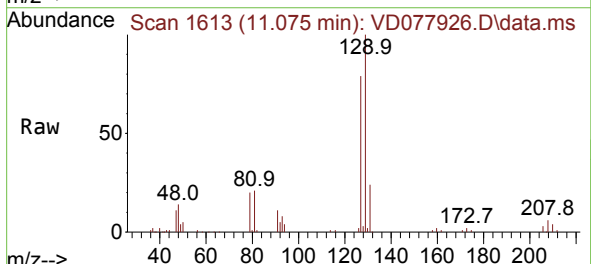
Instrument :
MSVOA_D
ClientSampleId :

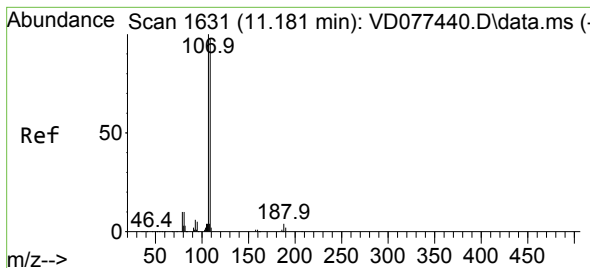
Tgt Ion: 43 Resp: 155043
Ion Ratio Lower Upper
43 100
58 60.1 34.1 102.2



#60
Dibromochloromethane
Concen: 61.958 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Tgt Ion:129 Resp: 82728
Ion Ratio Lower Upper
129 100
127 77.6 37.1 111.5

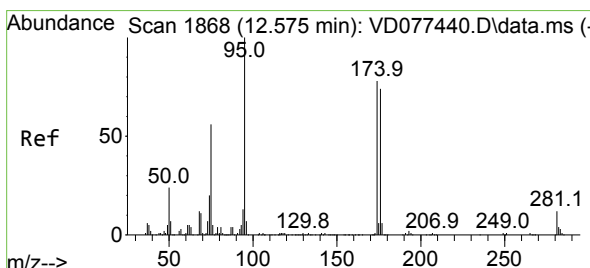
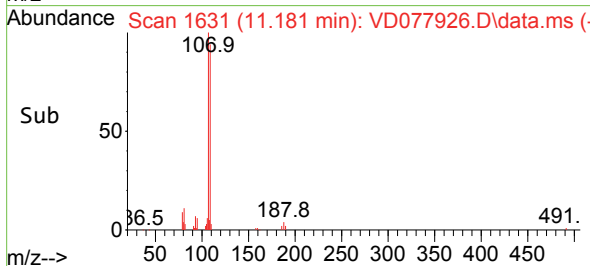
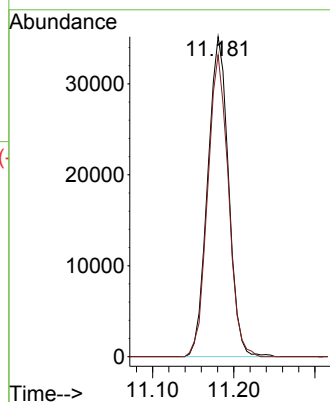
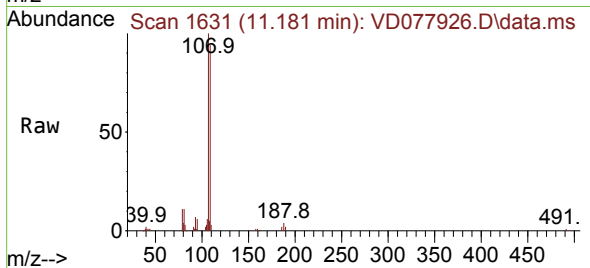




#61
1,2-Dibromoethane
Concen: 60.065 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

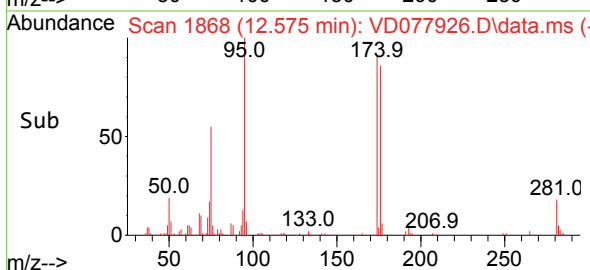
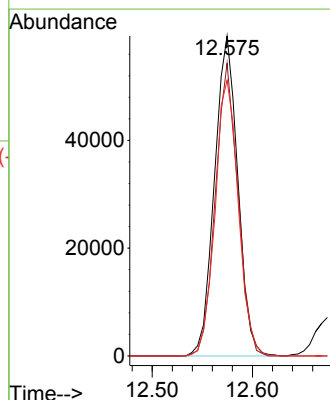
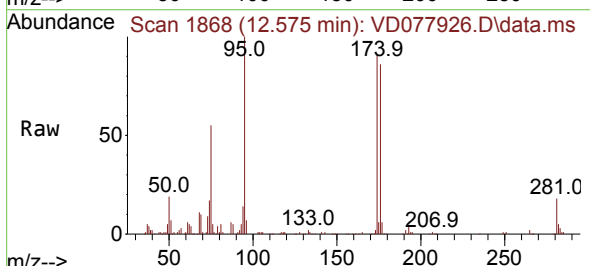
Instrument :
MSVOA_D
ClientSampleId :

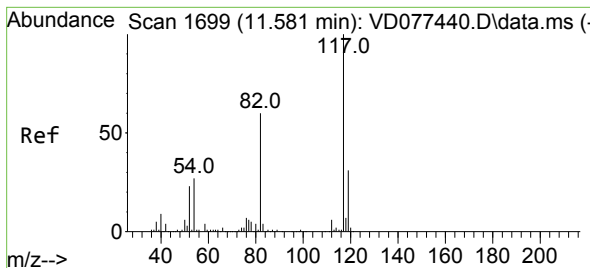
Tgt Ion:107 Resp: 62704
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 57.514 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Tgt Ion: 95 Resp: 95621
Ion Ratio Lower Upper
95 100
174 88.4 0.0 201.8
176 86.0 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Instrument :

MSVOA_D

ClientSampleId :

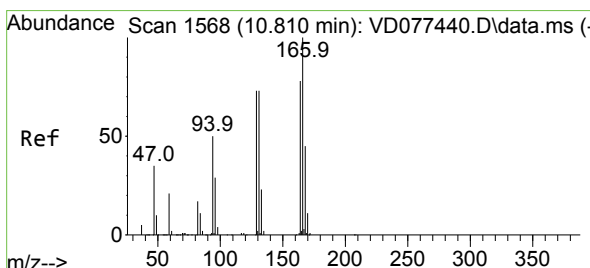
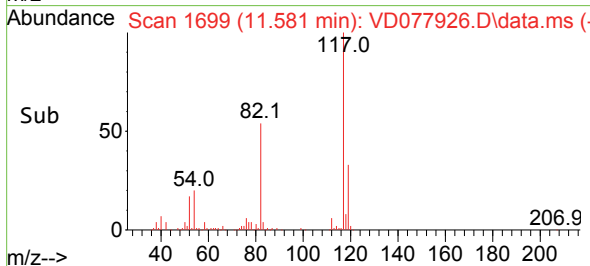
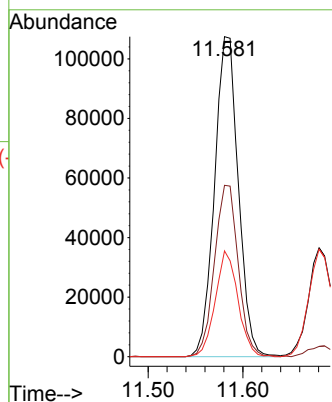
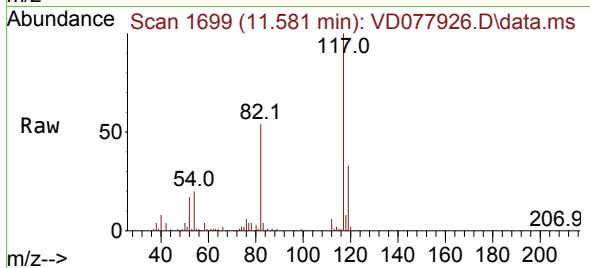
Tgt Ion:117 Resp: 187545

Ion Ratio Lower Upper

117 100

82 53.6 38.3 57.5

119 33.1 25.0 37.4



#64

Tetrachloroethene

Concen: 56.560 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Tgt Ion:164 Resp: 77964

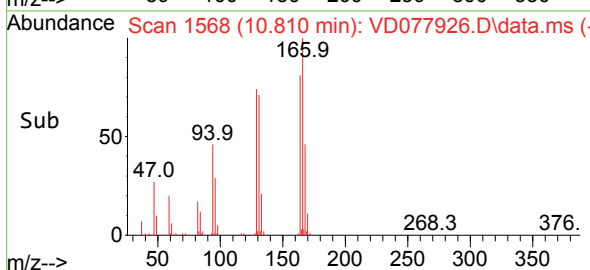
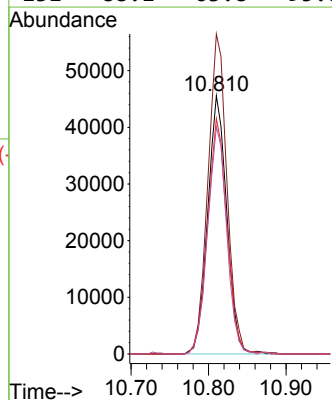
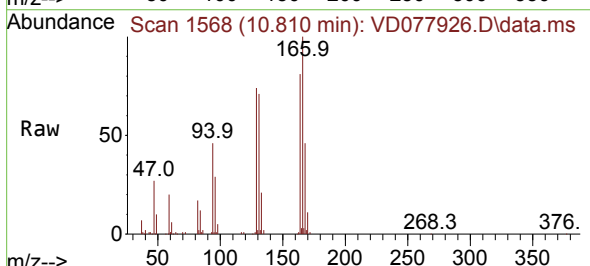
Ion Ratio Lower Upper

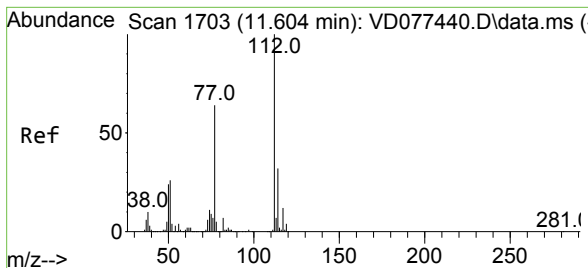
164 100

166 123.9 99.2 148.8

129 91.3 68.4 102.6

131 88.1 63.8 95.8





#65

Chlorobenzene

Concen: 56.112 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Instrument :

MSVOA_D

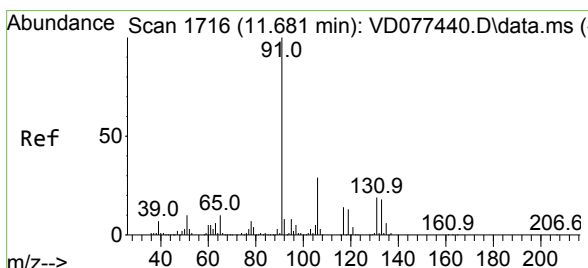
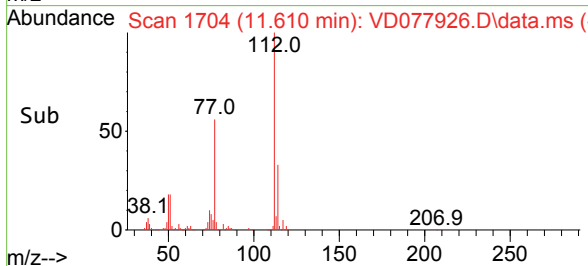
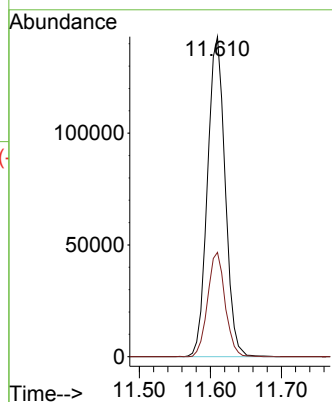
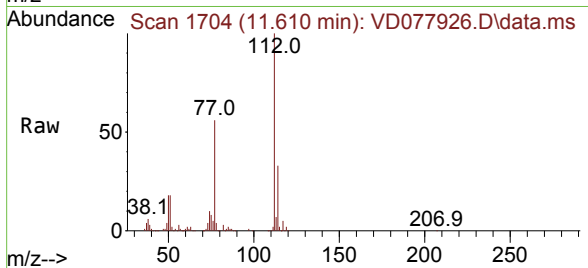
ClientSampleId :

Tgt Ion:112 Resp: 247068

Ion Ratio Lower Upper

112 100

114 32.6 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 58.530 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

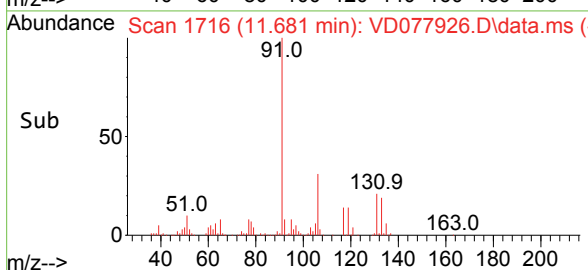
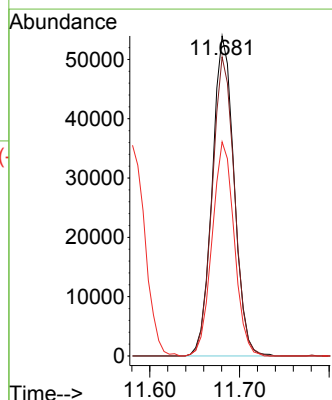
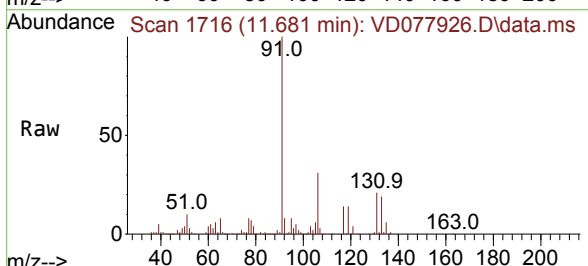
Tgt Ion:131 Resp: 91281

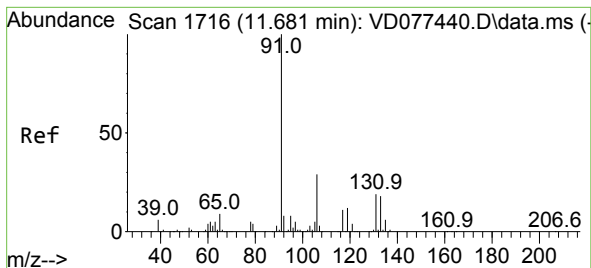
Ion Ratio Lower Upper

131 100

133 94.8 48.5 145.5

119 67.6 35.6 106.9





#67

Ethyl Benzene

Concen: 58.237 ug/l

RT: 11.686 min Scan# 1717

Delta R.T. 0.005 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Instrument :

MSVOA_D

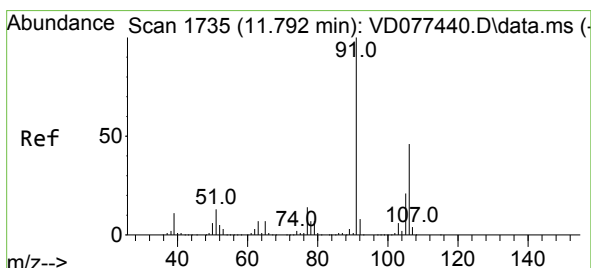
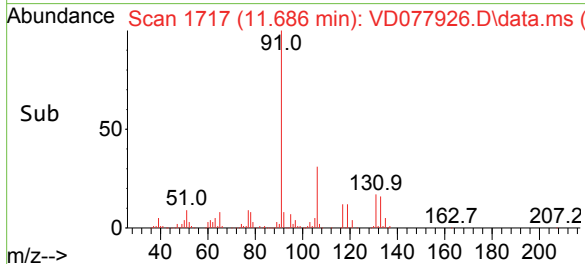
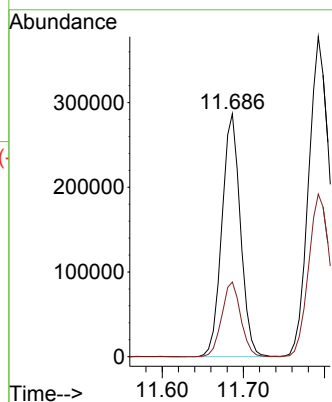
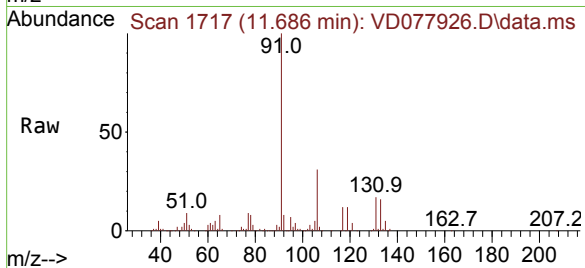
ClientSampleId :

Tgt Ion: 91 Resp: 454718

Ion Ratio Lower Upper

91 100

106 30.8 26.5 39.7



#68

m/p-Xylenes

Concen: 118.994 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077926.D

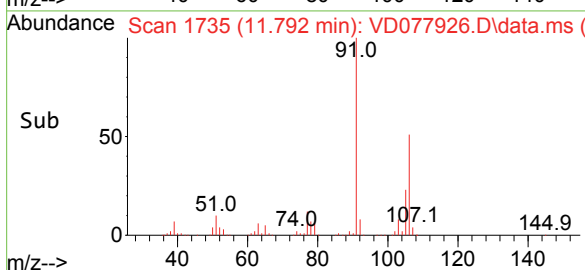
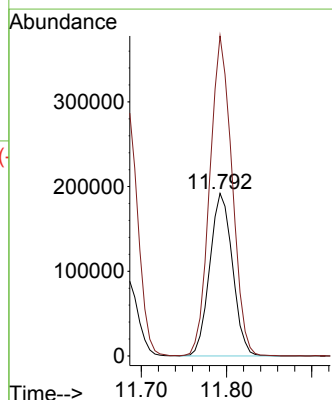
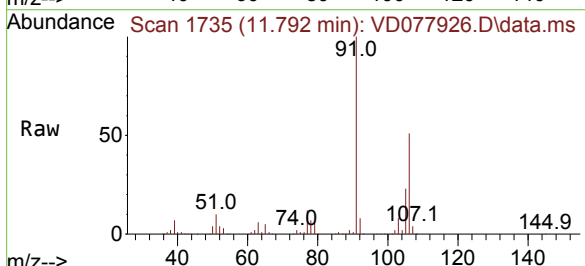
Acq: 16 Dec 2023 03:38

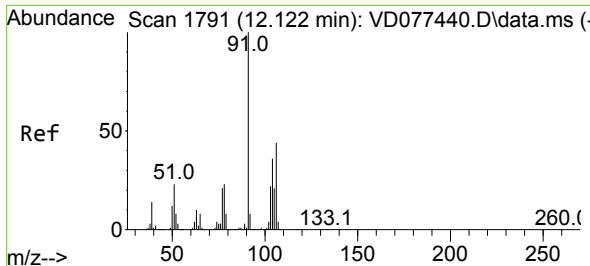
Tgt Ion:106 Resp: 355390

Ion Ratio Lower Upper

106 100

91 193.0 147.0 220.6

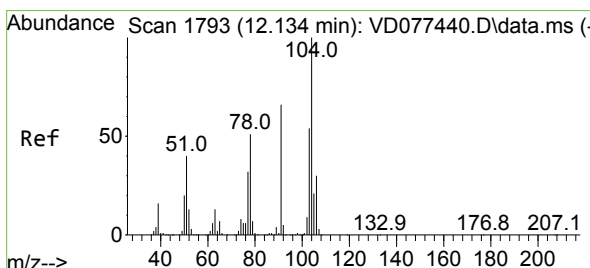
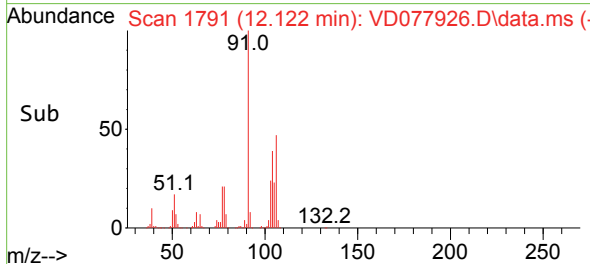
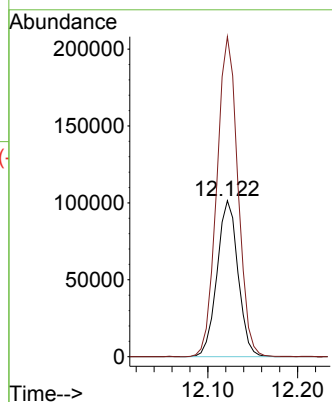
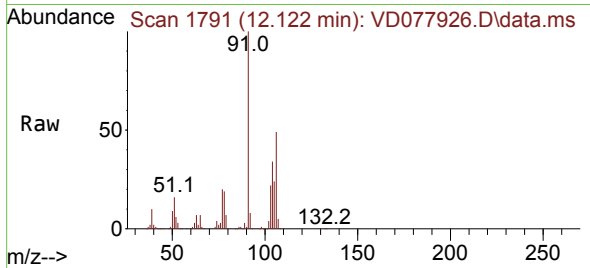




#69
o-Xylene
Concen: 59.790 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

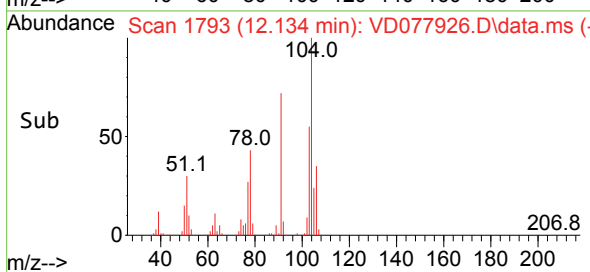
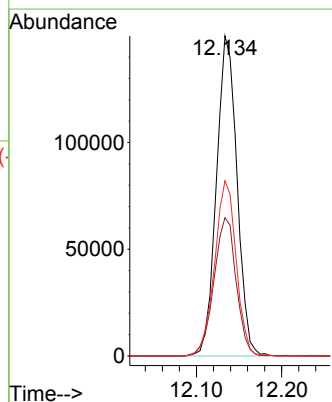
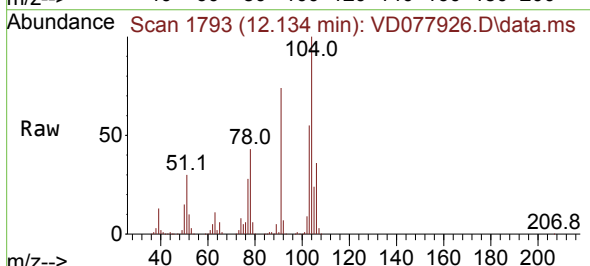
Instrument :
MSVOA_D
ClientSampleId :

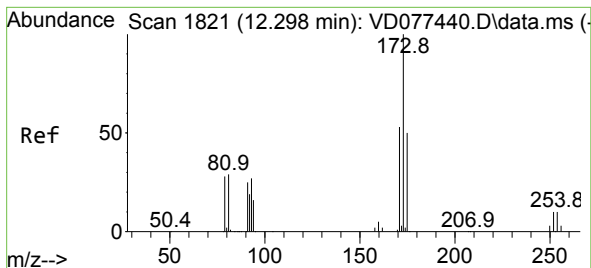
Tgt Ion:106 Resp: 164574
Ion Ratio Lower Upper
106 100
91 206.6 97.9 293.6



#70
Styrene
Concen: 61.459 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Tgt Ion:104 Resp: 251544
Ion Ratio Lower Upper
104 100
78 46.8 33.2 49.8
103 57.2 43.6 65.4





#71

Bromoform

Concen: 59.506 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077926.D

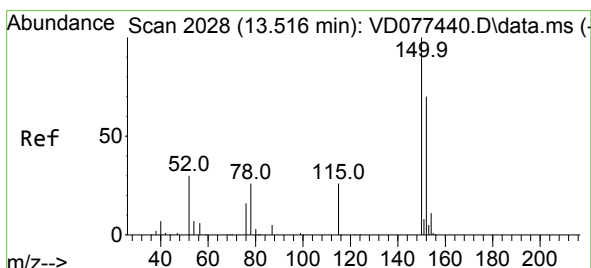
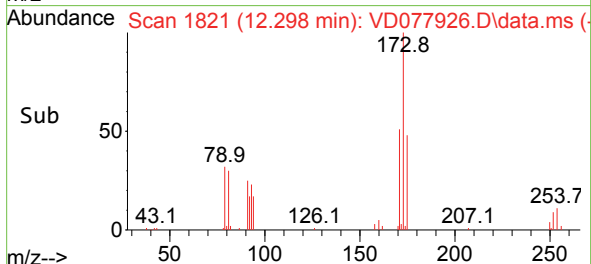
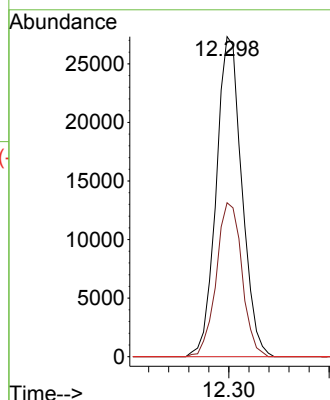
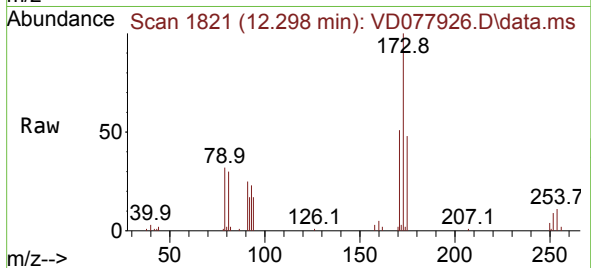
Acq: 16 Dec 2023 03:38

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	48490
Ion Ratio	Lower	Upper
173	100	
175	48.0	24.6 73.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

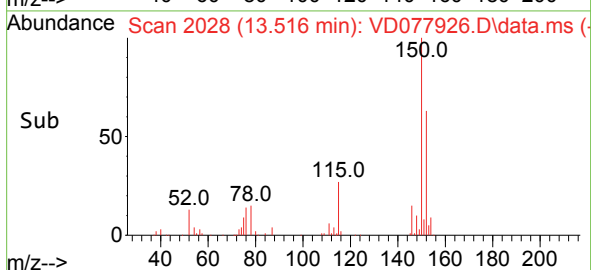
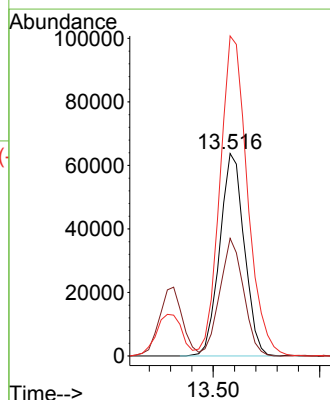
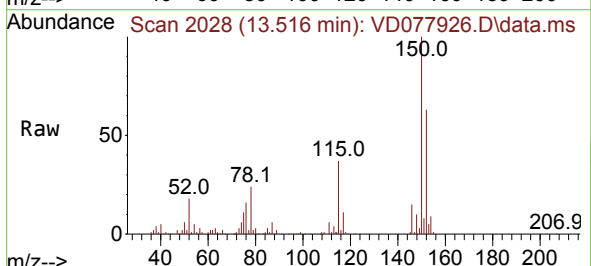
RT: 13.516 min Scan# 2028

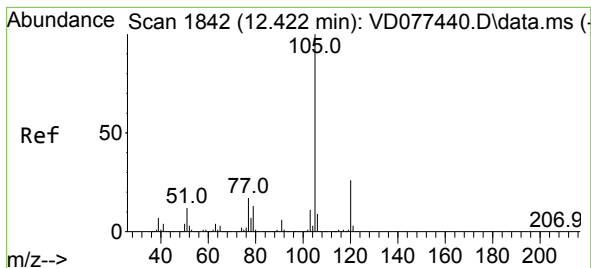
Delta R.T. -0.000 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Tgt Ion:152	Resp:	101943
Ion Ratio	Lower	Upper
152	100	
115	56.2	27.1 81.3
150	177.4	0.0 353.6





#73

Isopropylbenzene

Concen: 55.526 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Instrument :

MSVOA_D

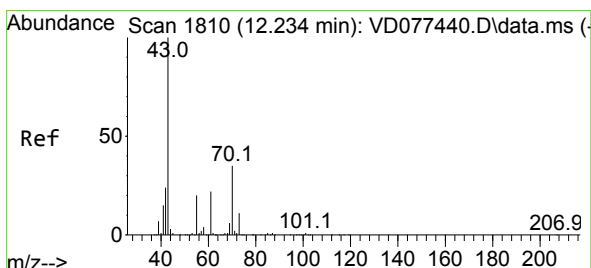
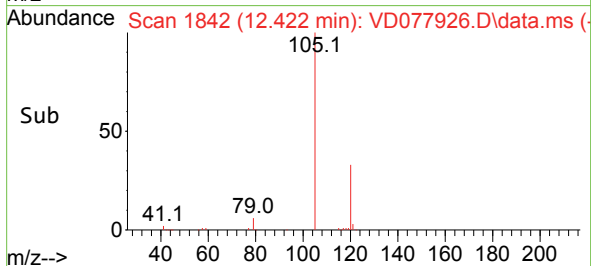
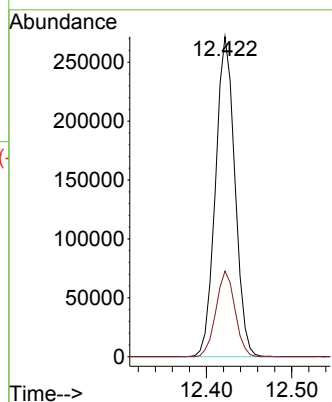
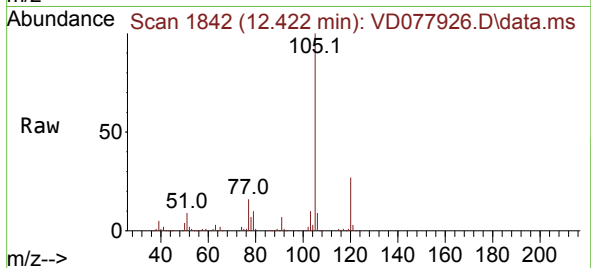
ClientSampleId :

Tgt Ion:105 Resp: 429017

Ion Ratio Lower Upper

105 100

120 26.3 14.3 42.9



#74

N-ethyl acetate

Concen: 50.657 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Tgt Ion: 43 Resp: 76937

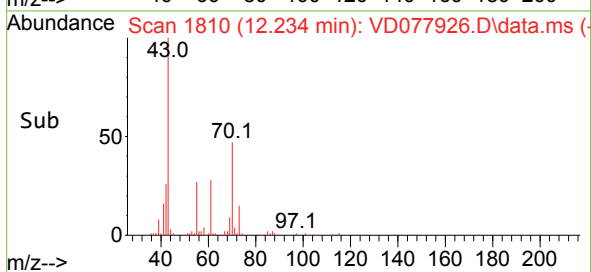
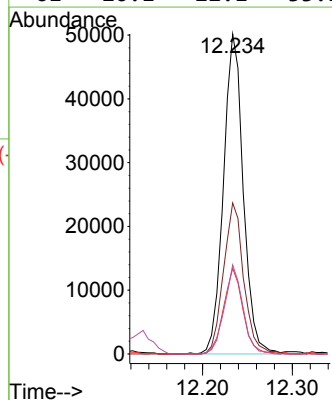
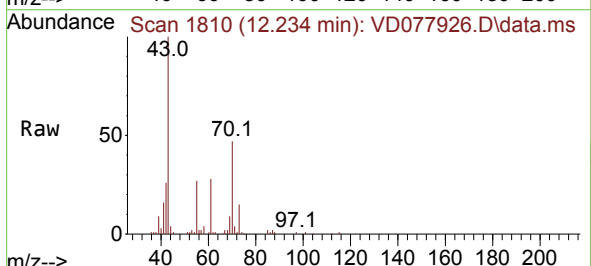
Ion Ratio Lower Upper

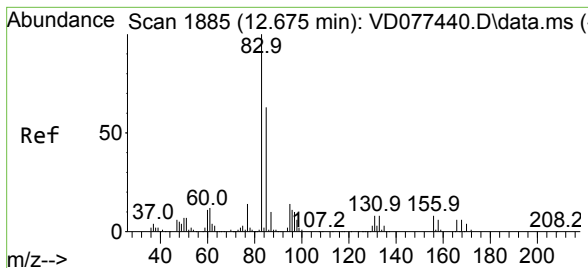
43 100

70 48.1 45.0 67.4

55 25.9 23.8 35.6

61 26.1 22.1 33.1

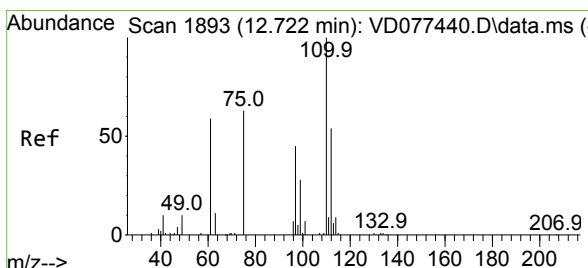
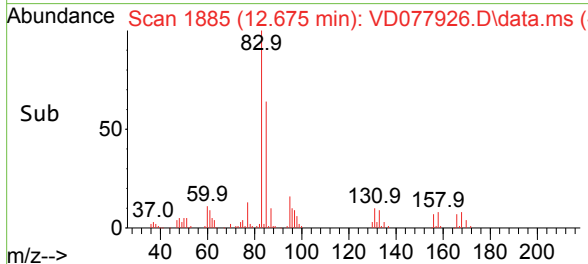
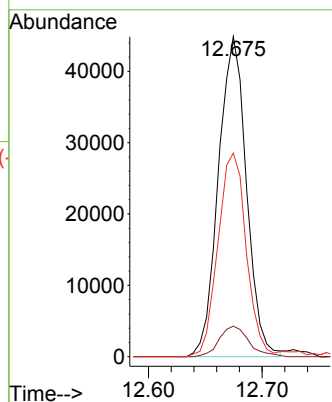
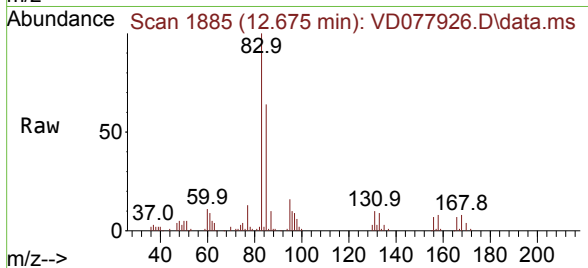




#75
 1,1,2,2-Tetrachloroethane
 Concen: 57.201 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD077926.D
 Acq: 16 Dec 2023 03:38

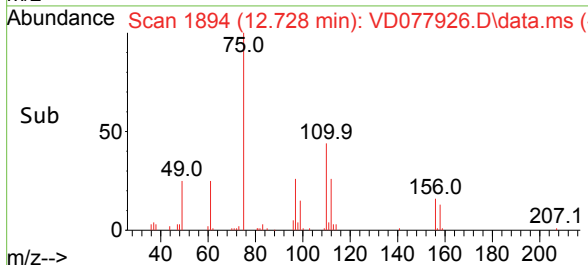
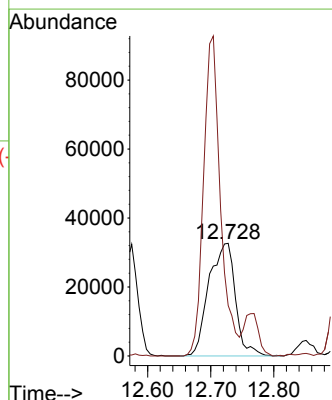
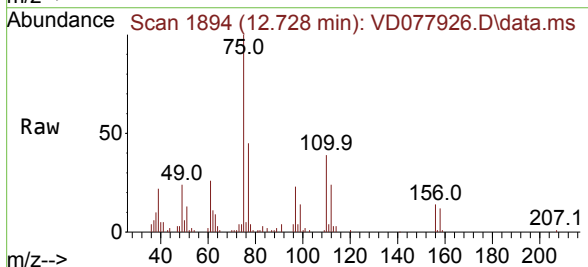
Instrument :
 MSVOA_D
 ClientSampleId :

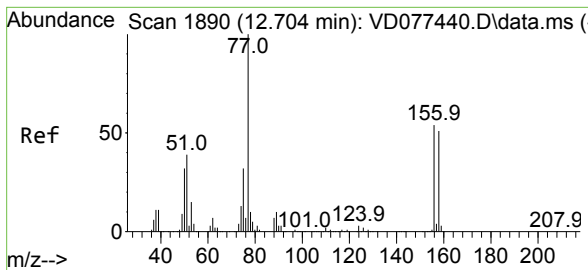
Tgt Ion: 83 Resp: 77061
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.1 15.3
 85 64.6 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 107.643 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD077926.D
 Acq: 16 Dec 2023 03:38

Tgt Ion: 75 Resp: 95305
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

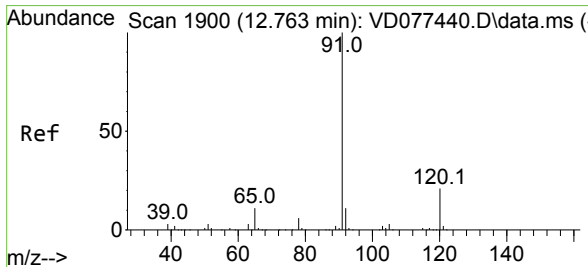
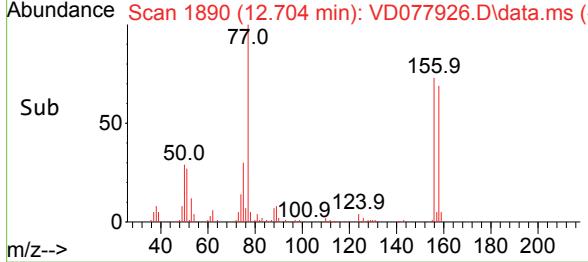
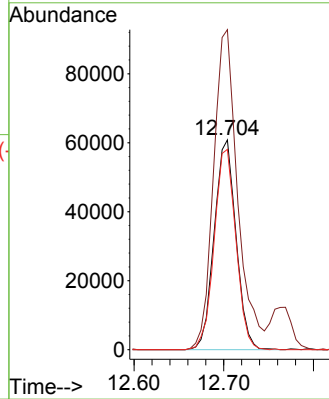
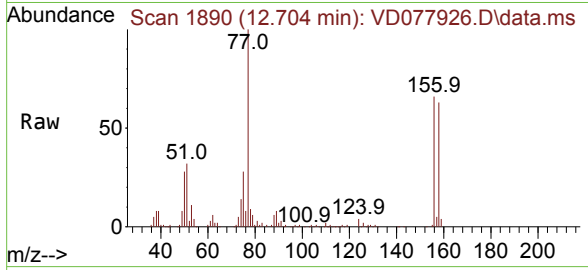




#77
Bromobenzene
Concen: 56.416 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

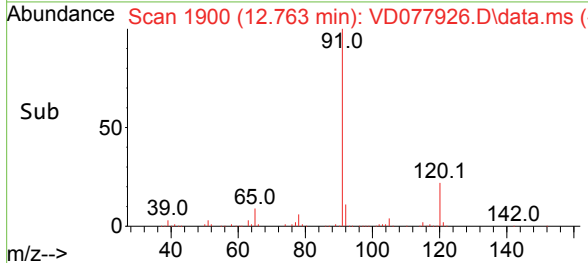
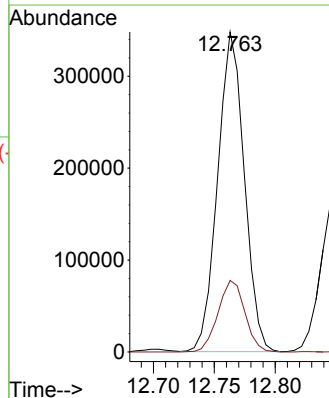
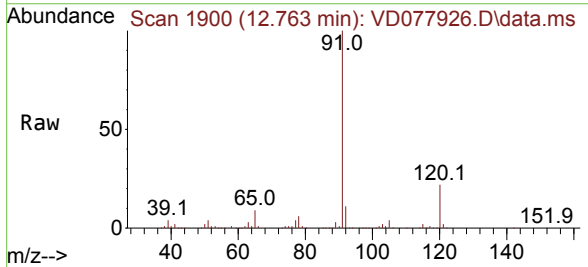
Instrument :
MSVOA_D
ClientSampleId :

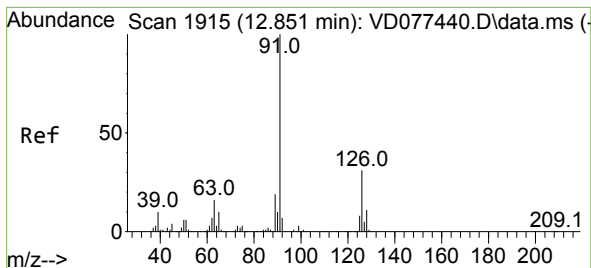
Tgt Ion:156 Resp: 102528
Ion Ratio Lower Upper
156 100
77 169.2 76.8 230.4
158 95.4 48.6 145.9



#78
n-propylbenzene
Concen: 56.209 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Tgt Ion: 91 Resp: 529199
Ion Ratio Lower Upper
91 100
120 22.5 12.4 37.2

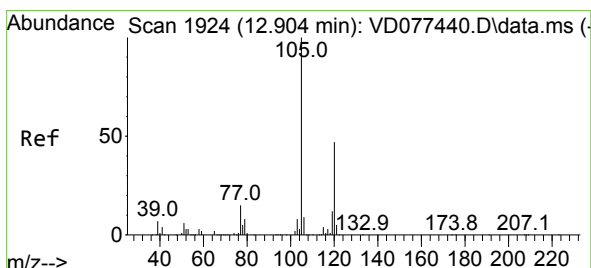
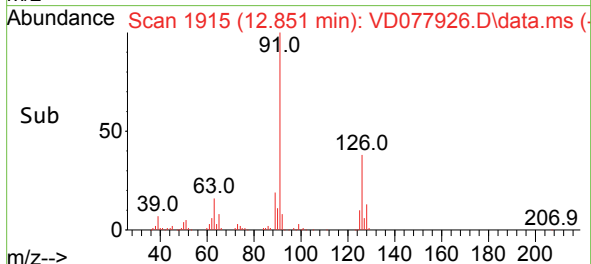
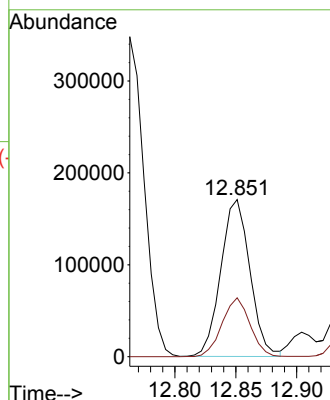
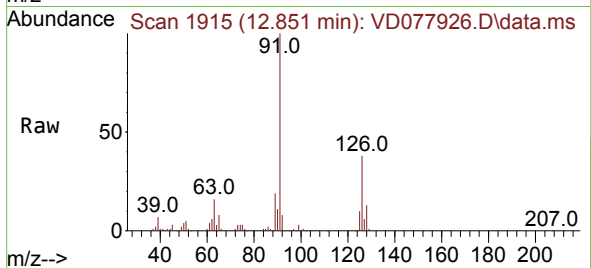




#79
2-Chlorotoluene
Concen: 56.470 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

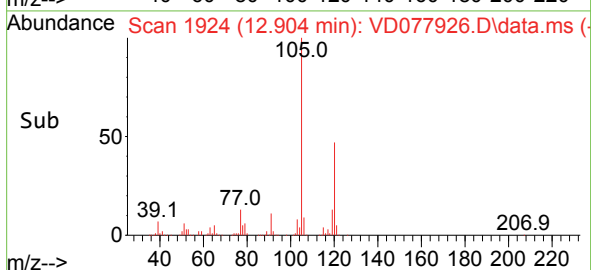
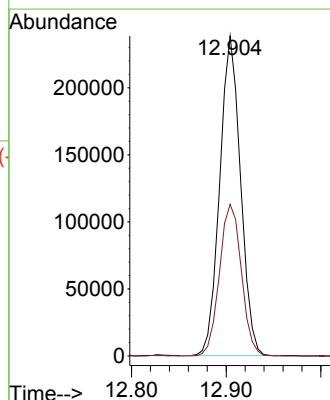
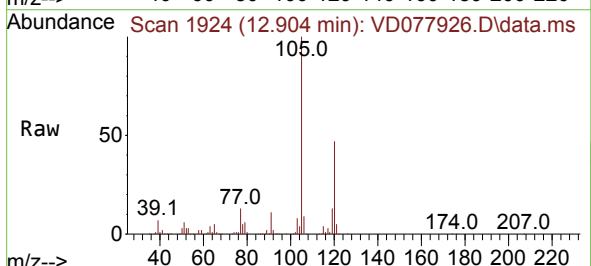
Instrument :
MSVOA_D
ClientSampleId :

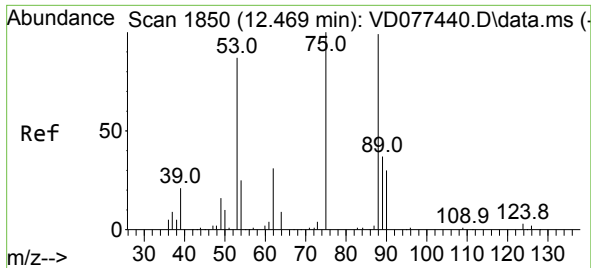
Tgt Ion: 91 Resp: 284919
Ion Ratio Lower Upper
91 100
126 36.1 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 56.562 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Tgt Ion:105 Resp: 364491
Ion Ratio Lower Upper
105 100
120 49.9 26.4 79.2

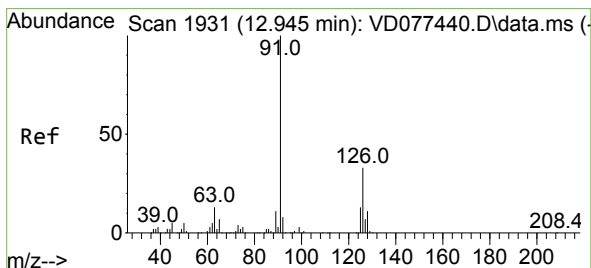
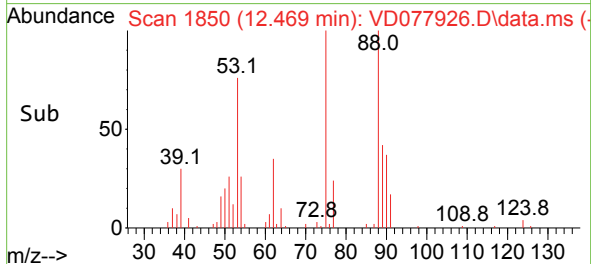
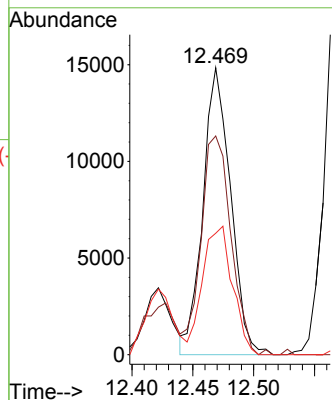
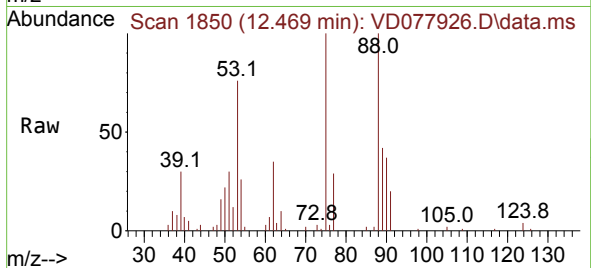




#81
trans-1,4-Dichloro-2-butene
Concen: 53.747 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

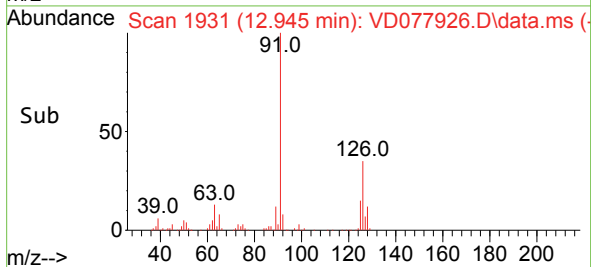
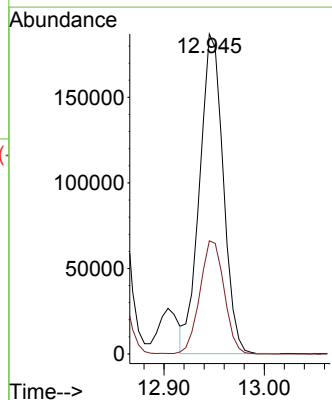
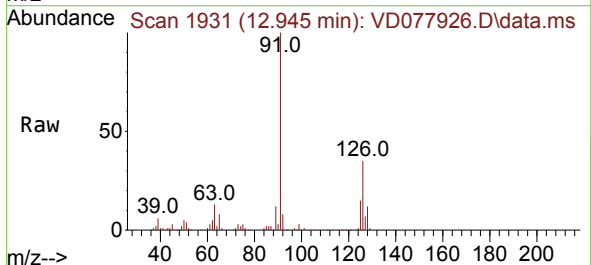
Instrument :
MSVOA_D
ClientSampleId :

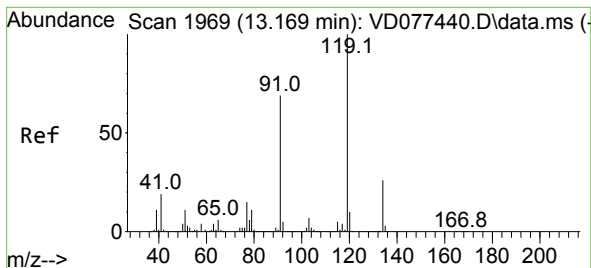
Tgt Ion	Ratio	Lower	Upper
75	100		
53	82.9	63.0	94.4
89	48.4	37.9	56.9



#82
4-Chlorotoluene
Concen: 57.878 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.5	19.4	58.4





#83

tert-Butylbenzene

Concen: 58.031 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Instrument :

MSVOA_D

ClientSampleId :

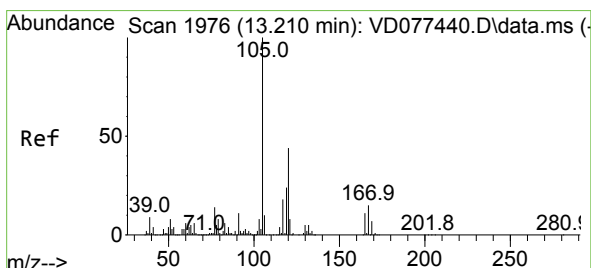
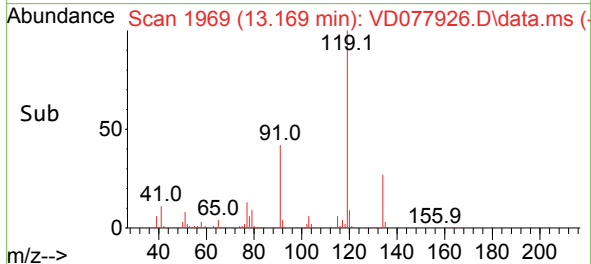
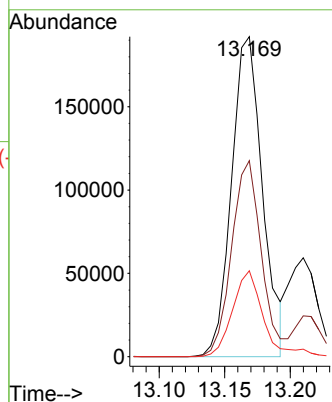
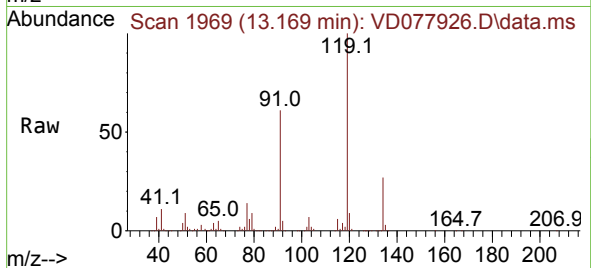
Tgt Ion:119 Resp: 315705

Ion Ratio Lower Upper

119 100

91 58.4 29.3 87.8

134 26.8 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 58.264 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD077926.D

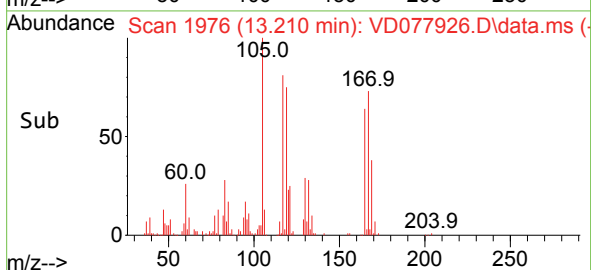
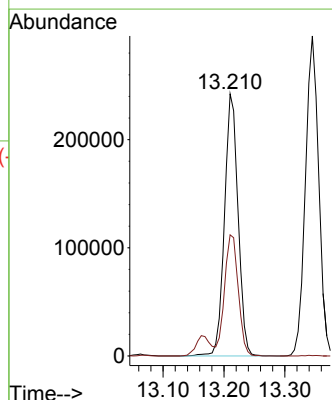
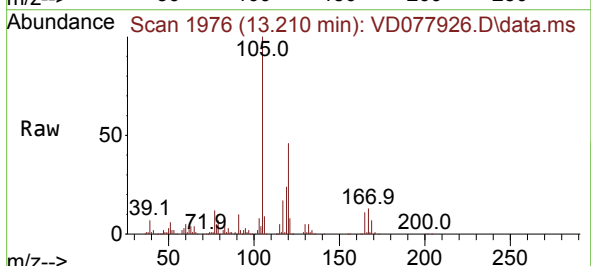
Acq: 16 Dec 2023 03:38

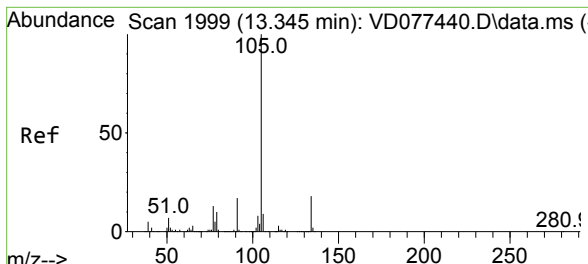
Tgt Ion:105 Resp: 375529

Ion Ratio Lower Upper

105 100

120 46.6 24.3 72.9

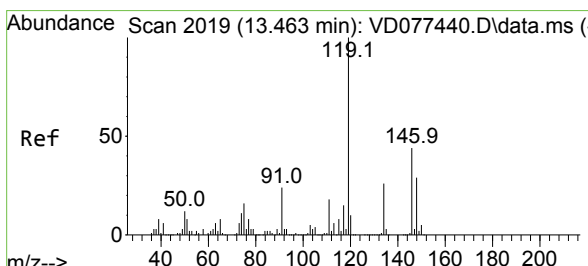
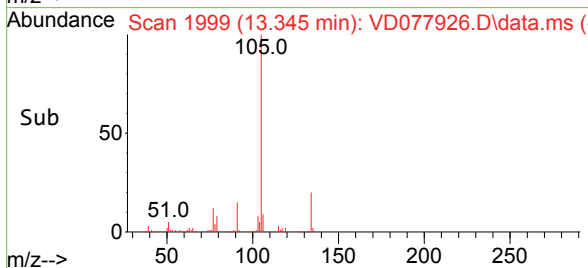
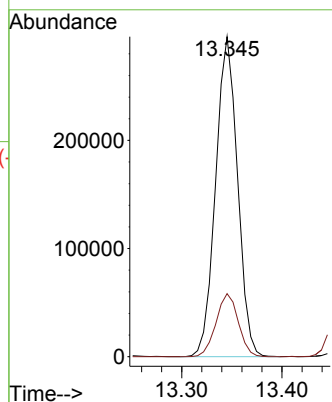
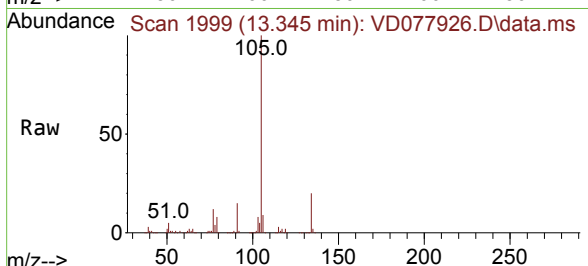




#85
 sec-Butylbenzene
 Concen: 55.660 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077926.D
 Acq: 16 Dec 2023 03:38

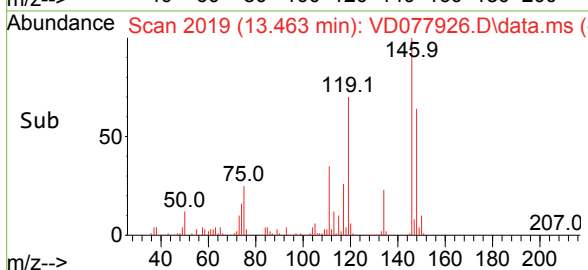
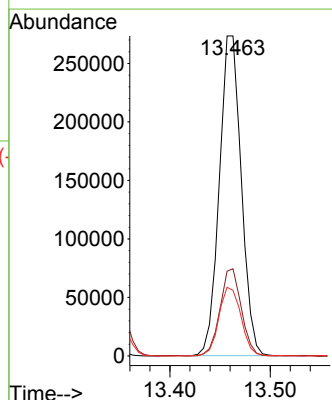
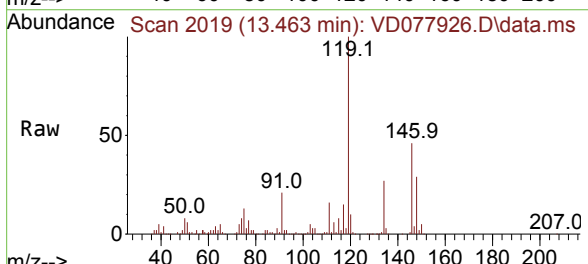
Instrument :
 MSVOA_D
 ClientSampleId :

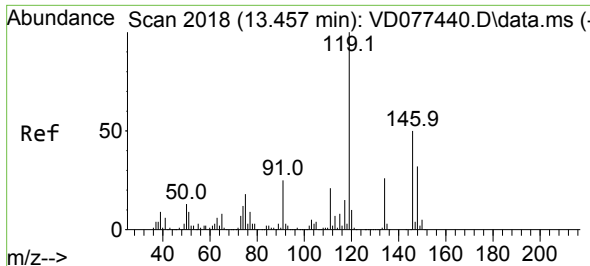
Tgt Ion:105 Resp: 447592
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 57.641 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077926.D
 Acq: 16 Dec 2023 03:38

Tgt Ion:119 Resp: 415008
 Ion Ratio Lower Upper
 119 100
 134 26.5 14.2 42.6
 91 21.7 10.5 31.5

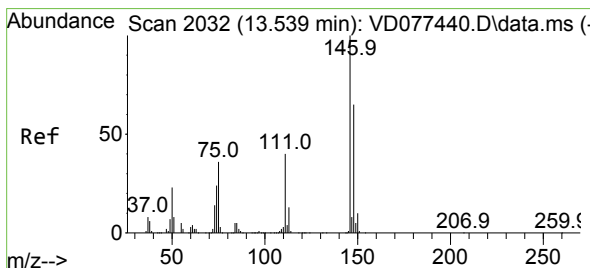
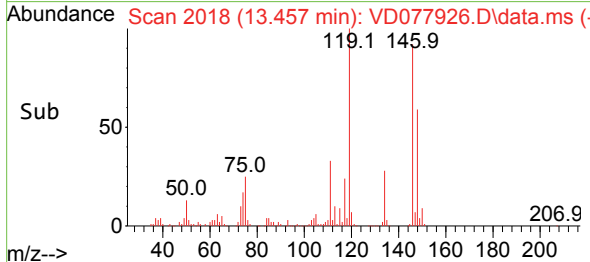
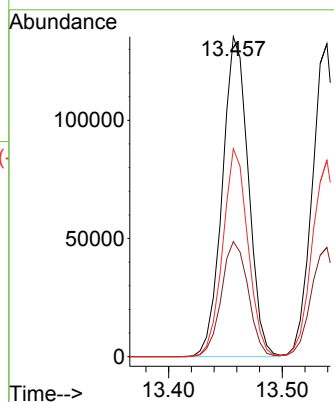
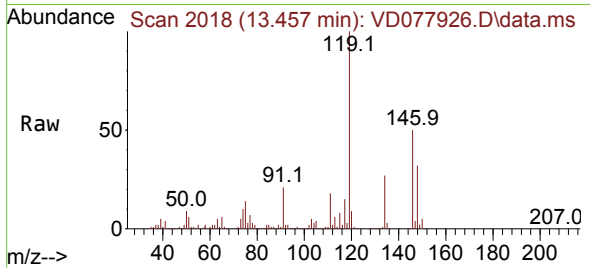




#87
1,3-Dichlorobenzene
Concen: 58.006 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

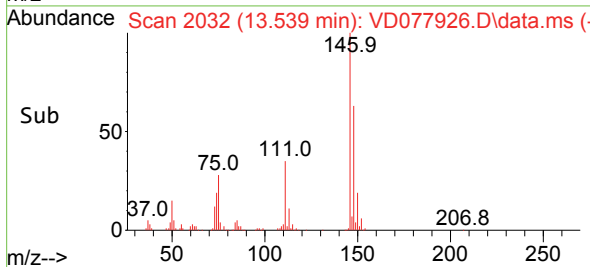
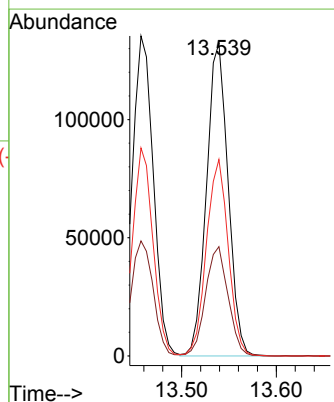
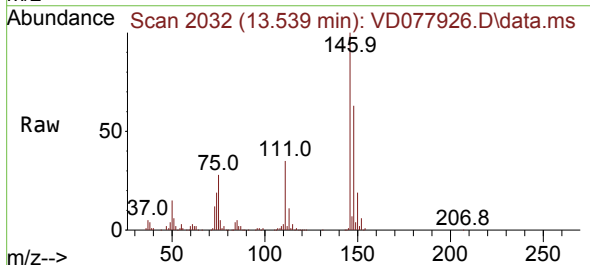
Instrument :
MSVOA_D
ClientSampleId :

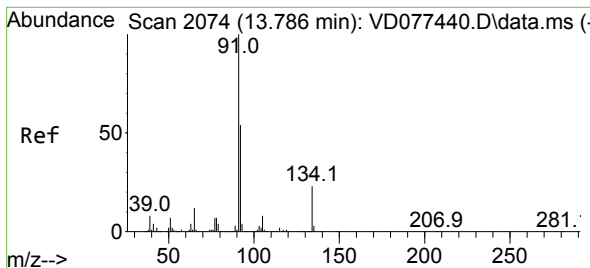
Tgt Ion:146 Resp: 215576
Ion Ratio Lower Upper
146 100
111 37.1 17.9 53.8
148 62.9 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 56.754 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Tgt Ion:146 Resp: 209727
Ion Ratio Lower Upper
146 100
111 36.5 17.4 52.3
148 63.6 31.7 95.1





#89

n-Butylbenzene

Concen: 55.059 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Instrument :

MSVOA_D

ClientSampleId :

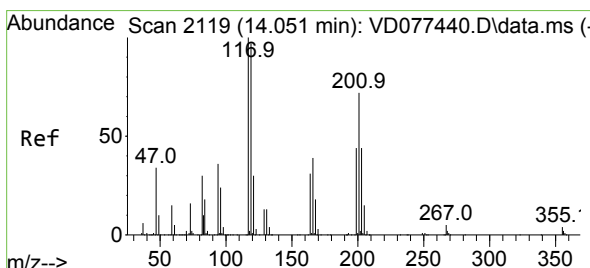
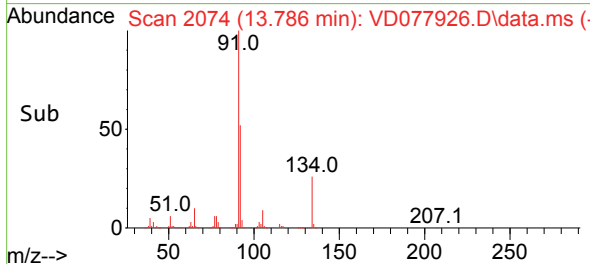
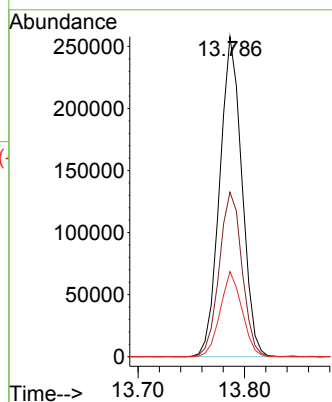
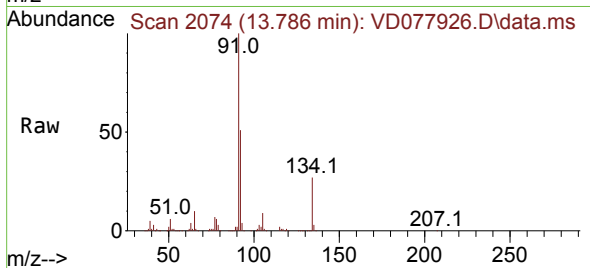
Tgt Ion: 91 Resp: 373009

Ion Ratio Lower Upper

91 100

92 52.7 26.5 79.5

134 26.0 13.8 41.3



#90

Hexachloroethane

Concen: 58.996 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD077926.D

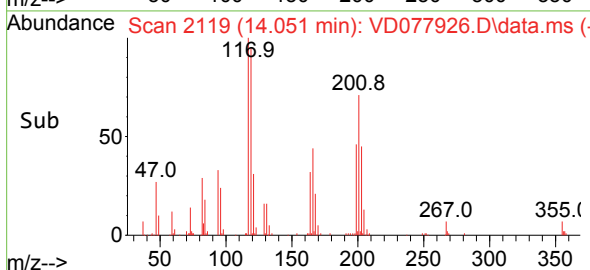
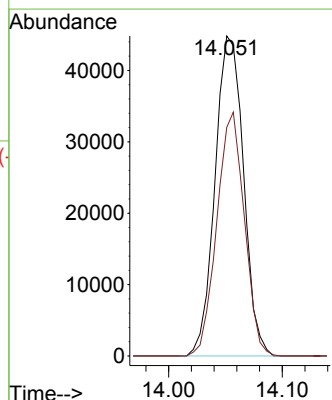
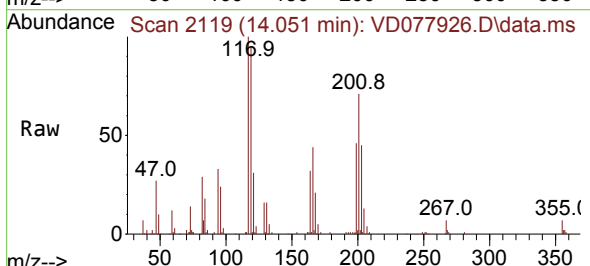
Acq: 16 Dec 2023 03:38

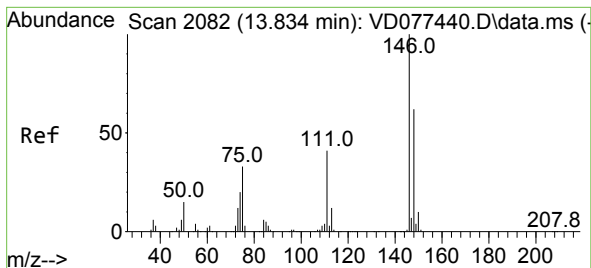
Tgt Ion: 117 Resp: 78117

Ion Ratio Lower Upper

117 100

201 73.6 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 57.403 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

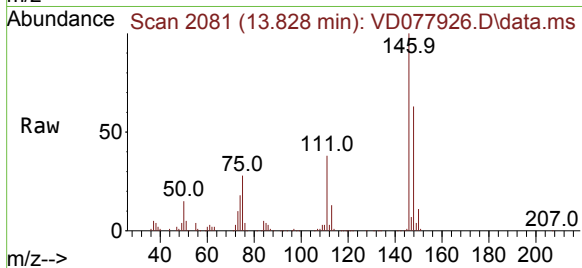
Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Instrument :

MSVOA_D

ClientSampleId :



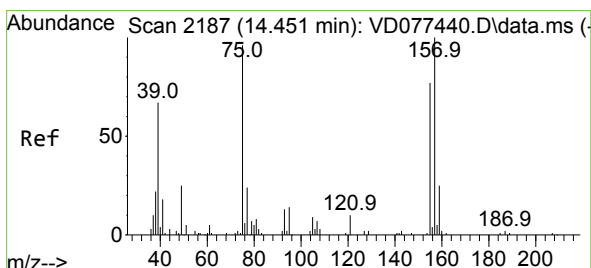
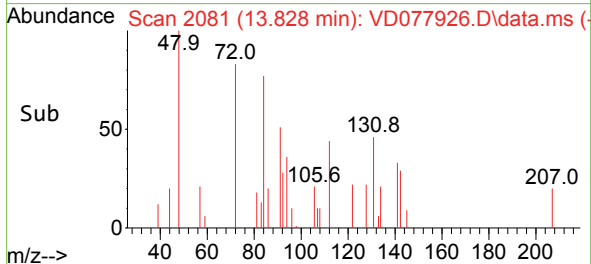
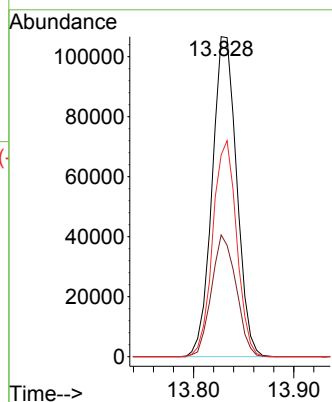
Tgt Ion:146 Resp: 181436

Ion Ratio Lower Upper

146 100

111 38.2 18.3 54.8

148 65.5 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.860 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

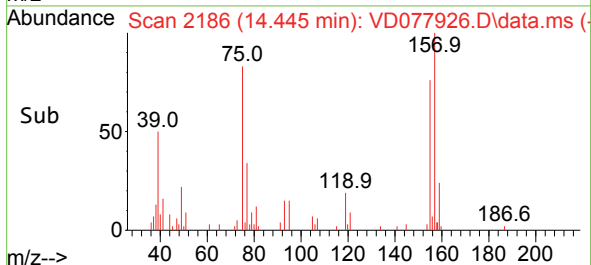
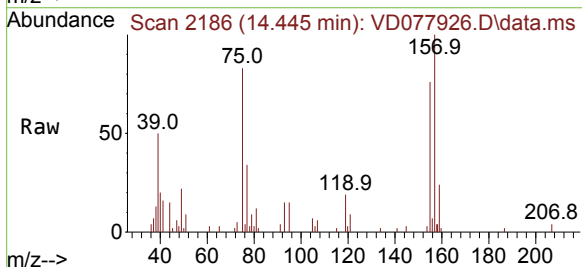
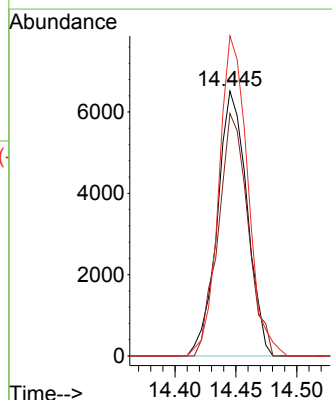
Tgt Ion: 75 Resp: 11070

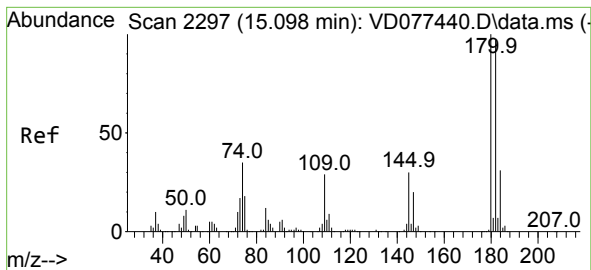
Ion Ratio Lower Upper

75 100

155 91.2 47.9 143.8

157 116.8 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 52.613 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

Instrument :

MSVOA_D

ClientSampleId :

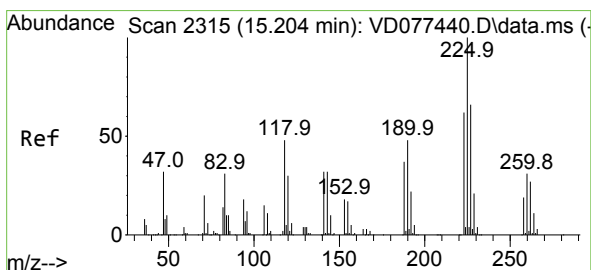
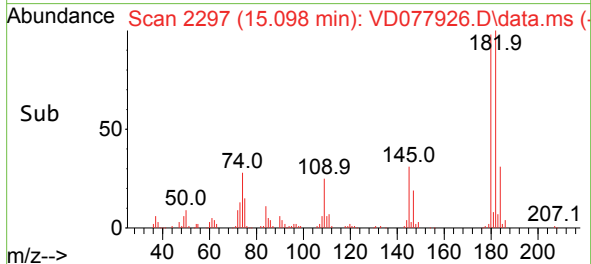
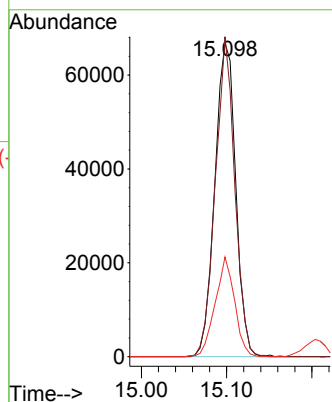
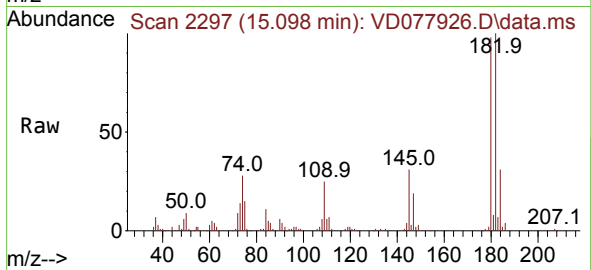
Tgt Ion:180 Resp: 113590

Ion Ratio Lower Upper

180 100

182 94.9 48.5 145.6

145 29.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 49.326 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD077926.D

Acq: 16 Dec 2023 03:38

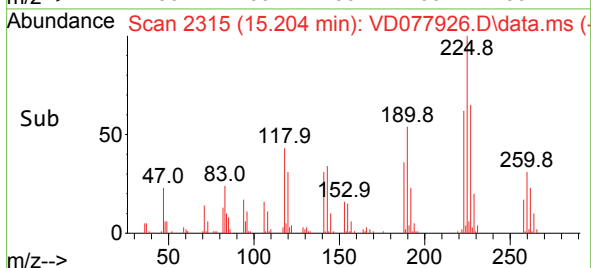
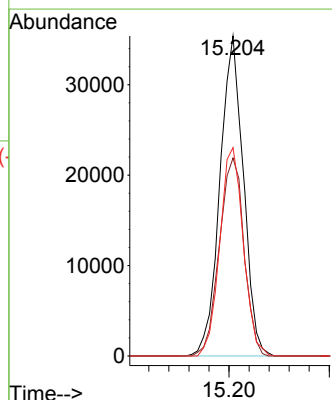
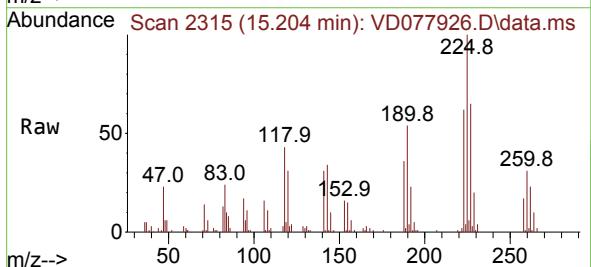
Tgt Ion:225 Resp: 57426

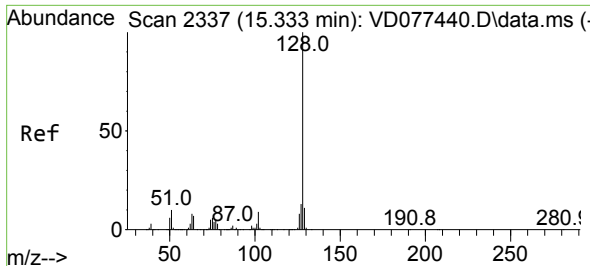
Ion Ratio Lower Upper

225 100

223 65.0 31.6 94.8

227 65.1 31.7 95.1

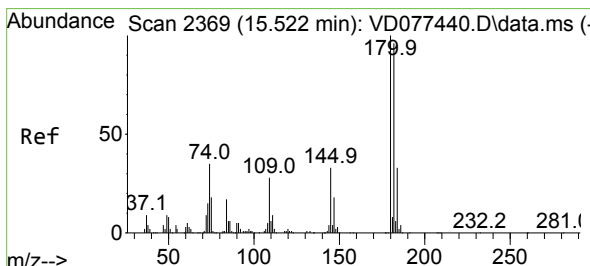
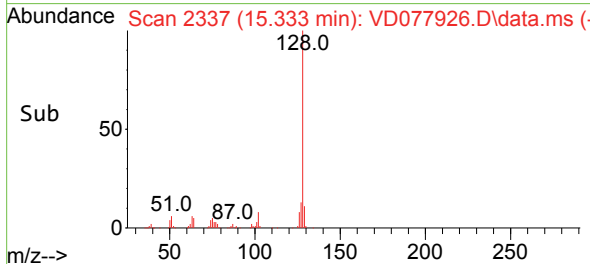
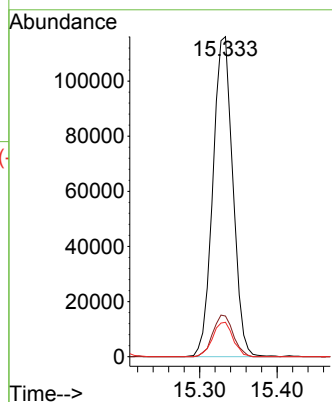
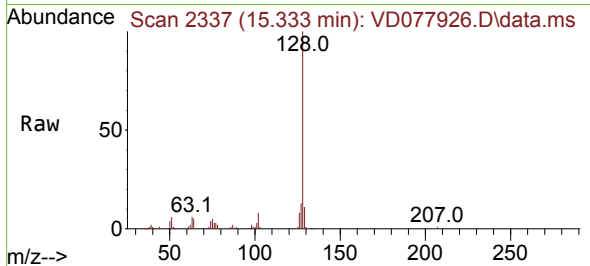




#95
Naphthalene
Concen: 57.772 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 207236
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 54.408 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077926.D
Acq: 16 Dec 2023 03:38

Tgt Ion:180 Resp: 96840
Ion Ratio Lower Upper
180 100
182 97.3 47.3 141.9
145 30.3 15.1 45.3

