

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121623\
 Data File : VD077928.D
 Acq On : 16 Dec 2023 10:49
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 18 01:55:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	131471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	223753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	208613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	112978	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	81683	52.726	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.460%	
35) Dibromofluoromethane	7.810	113	86478	55.176	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.360%	
50) Toluene-d8	10.269	98	339202	54.036	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.080%	
62) 4-Bromofluorobenzene	12.575	95	102619	54.679	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	65325	39.777	ug/l	96
3) Chloromethane	2.152	50	110570	49.394	ug/l	99
4) Vinyl Chloride	2.287	62	153310	50.448	ug/l	95
5) Bromomethane	2.693	94	102435	60.071	ug/l	99
6) Chloroethane	2.840	64	110801	53.479	ug/l	96
7) Trichlorofluoromethane	3.181	101	132602	47.377	ug/l	100
8) Diethyl Ether	3.599	74	39486	50.241	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.975	101	78437	48.987	ug/l	97
10) Methyl Iodide	4.163	142	78224	54.967	ug/l	91
11) Tert butyl alcohol	5.057	59	20006	269.023	ug/l #	91
12) 1,1-Dichloroethene	3.946	96	76913	48.669	ug/l	92
13) Acrolein	3.799	56	41154	251.128	ug/l	99
14) Allyl chloride	4.569	41	95625	43.996	ug/l	92
15) Acrylonitrile	5.251	53	87139	258.957	ug/l	97
16) Acetone	4.022	43	100629	307.858	ug/l #	86
17) Carbon Disulfide	4.275	76	238246	44.561	ug/l	98
18) Methyl Acetate	4.563	43	68230	55.923	ug/l	89
19) Methyl tert-butyl Ether	5.316	73	176264	52.571	ug/l	96
20) Methylene Chloride	4.804	84	96670	52.979	ug/l #	85
21) trans-1,2-Dichloroethene	5.316	96	89130	49.794	ug/l	91
22) Diisopropyl ether	6.216	45	232570	51.204	ug/l	95
23) Vinyl Acetate	6.157	43	551333	248.568	ug/l	93
24) 1,1-Dichloroethane	6.116	63	153429	49.882	ug/l	97
25) 2-Butanone	7.081	43	114131	269.159	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	129564	50.170	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	101597	52.749	ug/l	91
28) Bromochloromethane	7.422	49	59332	47.737	ug/l #	79
29) Tetrahydrofuran	7.445	42	64111	259.880	ug/l	88
30) Chloroform	7.598	83	157814	51.265	ug/l	100
31) Cyclohexane	7.881	56	126175	45.790	ug/l	93
32) 1,1,1-Trichloroethane	7.798	97	138153	50.908	ug/l	97
36) 1,1-Dichloropropene	8.010	75	122288	48.779	ug/l	95
37) Ethyl Acetate	7.163	43	43291	44.286	ug/l	98
38) Carbon Tetrachloride	7.992	117	121277	48.524	ug/l	94
39) Methylcyclohexane	9.275	83	146390	49.256	ug/l	90
40) Benzene	8.251	78	360790	50.705	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	24898	50.112	ug/l #	86
42) 1,2-Dichloroethane	8.328	62	94856	51.429	ug/l	97
43) Isopropyl Acetate	8.357	43	87787	50.519	ug/l #	90
44) Trichloroethene	9.028	130	93338	50.337	ug/l	99
45) 1,2-Dichloropropane	9.304	63	91966	53.168	ug/l	94
46) Dibromomethane	9.392	93	48244	52.713	ug/l	93
47) Bromodichloromethane	9.587	83	121236	52.262	ug/l	98
48) Methyl methacrylate	9.381	41	50175	50.795	ug/l #	81
49) 1,4-Dioxane	9.387	88	9526	1048.207	ug/l #	82
51) 4-Methyl-2-Pentanone	10.157	43	228960	258.172	ug/l	92
52) Toluene	10.334	92	231294	52.403	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	118874	53.362	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	137647	51.106	ug/l #	88
55) 1,1,2-Trichloroethane	10.734	97	66892	53.433	ug/l	94
56) Ethyl methacrylate	10.598	69	60087	54.448	ug/l	92
57) 1,3-Dichloropropane	10.881	76	116520	53.997	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	162659	258.459	ug/l	94
59) 2-Hexanone	10.922	43	177479	241.215	ug/l	91
60) Dibromochloromethane	11.075	129	82262	54.578	ug/l	99
61) 1,2-Dibromoethane	11.181	107	62558	53.085	ug/l	99
64) Tetrachloroethene	10.810	164	75656	49.342	ug/l	89
65) Chlorobenzene	11.604	112	243503	49.497	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	90517	52.178	ug/l	94
67) Ethyl Benzene	11.681	91	449236	51.724	ug/l	94
68) m/p-Xylenes	11.792	106	348350	104.857	ug/l	92
69) o-Xylene	12.122	106	159199	51.996	ug/l	91
70) Styrene	12.133	104	246756	54.200	ug/l	93
71) Bromoform	12.298	173	48323	53.312	ug/l #	99
73) Isopropylbenzene	12.422	105	426946	49.861	ug/l	97
74) N-amyl acetate	12.233	43	76866	45.667	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	77037	51.598	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	99051	100.947	ug/l #	100
77) Bromobenzene	12.698	156	98110	48.712	ug/l	92
78) n-propylbenzene	12.763	91	523187	50.143	ug/l	96
79) 2-Chlorotoluene	12.851	91	279020	49.899	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	360360	50.459	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	24635	50.868	ug/l	94
82) 4-Chlorotoluene	12.945	91	296584	50.736	ug/l	96
83) tert-Butylbenzene	13.163	119	316399	52.478	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	366817	51.353	ug/l	97
85) sec-Butylbenzene	13.345	105	466880	52.387	ug/l	97
86) p-Isopropyltoluene	13.457	119	417019	52.263	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	211057	51.243	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	202894	49.332	ug/l	98
89) n-Butylbenzene	13.786	91	393342	52.389	ug/l	98
90) Hexachloroethane	14.051	117	78801	53.700	ug/l	96
91) 1,2-Dichlorobenzene	13.827	146	178000	50.815	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	10765	49.770	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	114654	47.919	ug/l	96
94) Hexachlorobutadiene	15.204	225	61880	47.960	ug/l	98
95) Naphthalene	15.333	128	206571	51.962	ug/l	99
96) 1,2,3-Trichlorobenzene	15.521	180	98213	49.790	ug/l	99

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QLast Update : Thu Dec 14 14:48:10 2023
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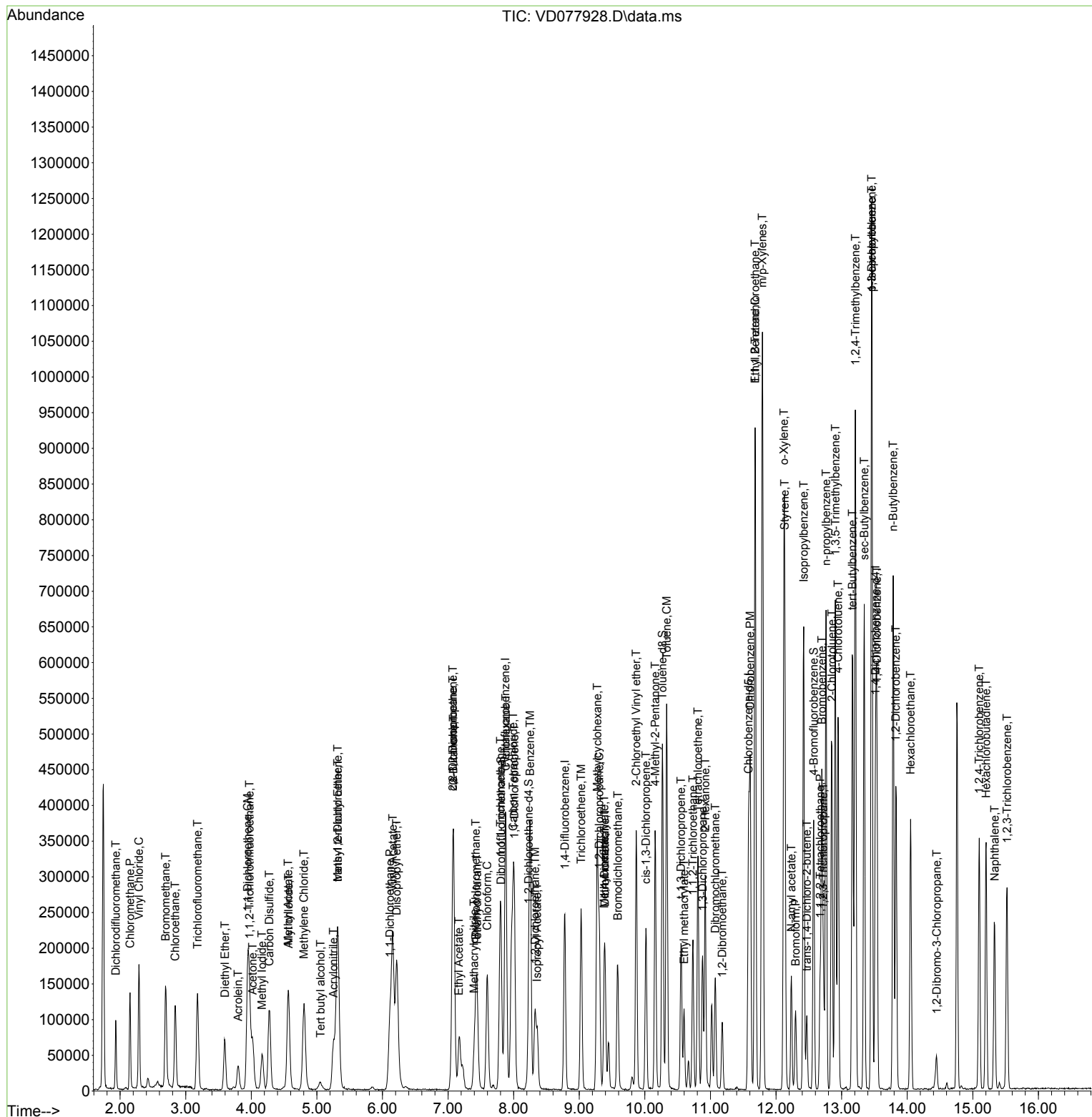
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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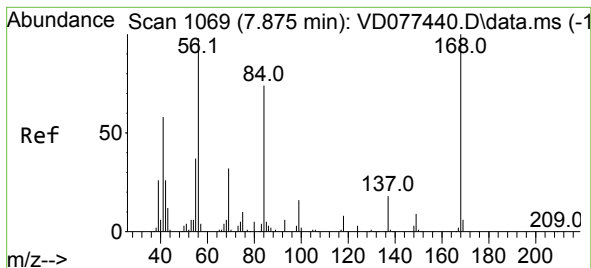
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD077928.D

Acq: 16 Dec 2023 10:49

Instrument :

MSVOA_D

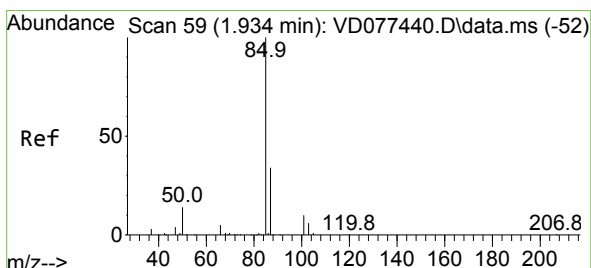
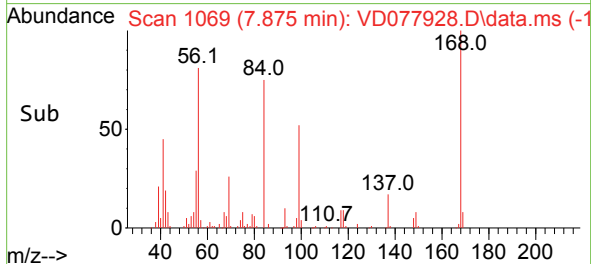
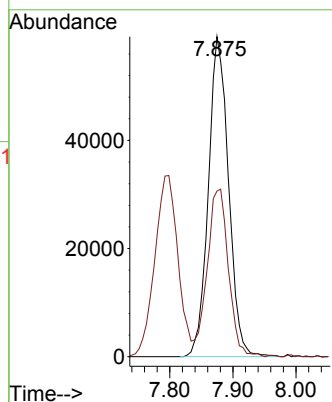
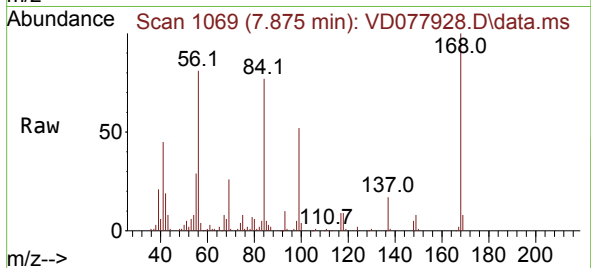
ClientSampleId :

Tgt Ion:168 Resp: 131471

Ion Ratio Lower Upper

168 100

99 51.8 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 39.777 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD077928.D

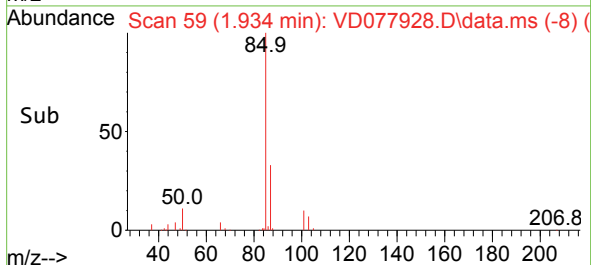
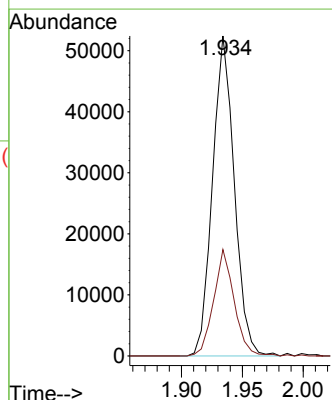
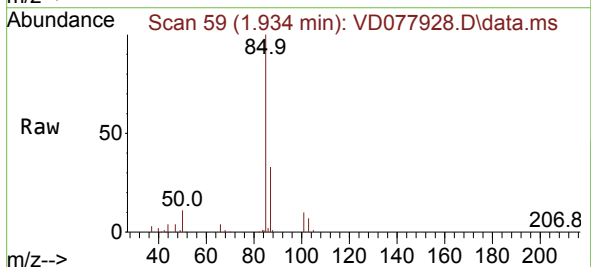
Acq: 16 Dec 2023 10:49

Tgt Ion: 85 Resp: 65325

Ion Ratio Lower Upper

85 100

87 33.2 15.7 47.0

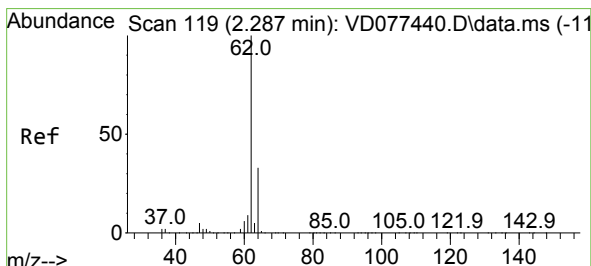
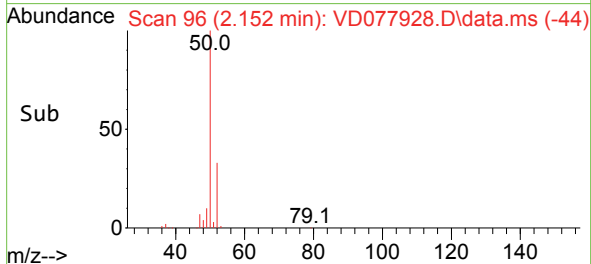
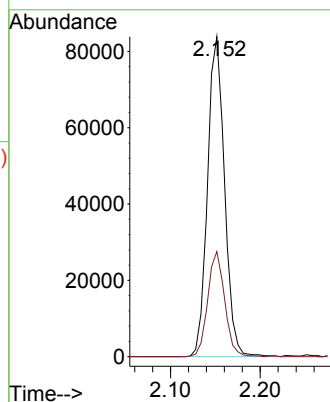
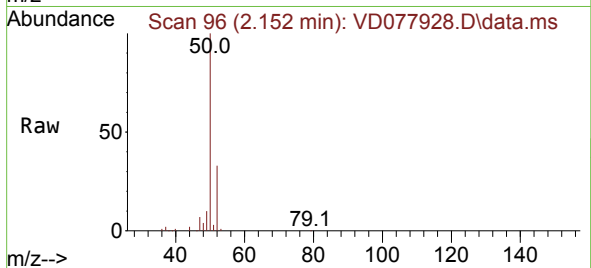




#3
Chloromethane
Concen: 49.394 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

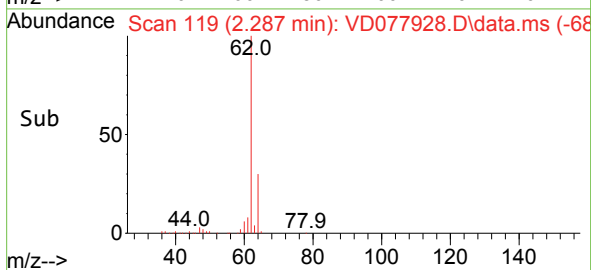
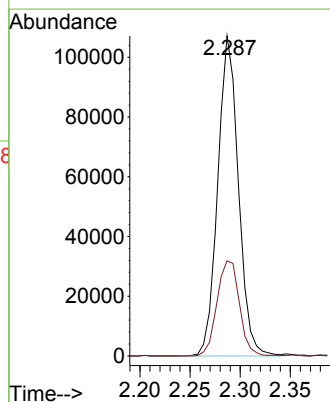
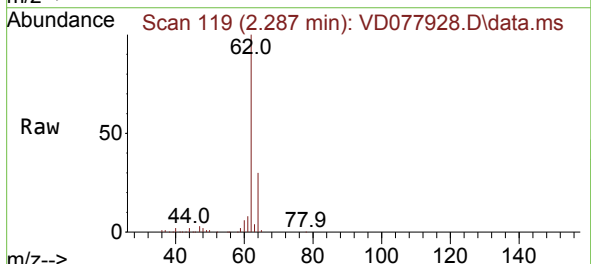
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 110570
Ion Ratio Lower Upper
50 100
52 32.9 26.6 40.0



#4
Vinyl Chloride
Concen: 50.448 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Tgt Ion: 62 Resp: 153310
Ion Ratio Lower Upper
62 100
64 29.8 26.0 39.0

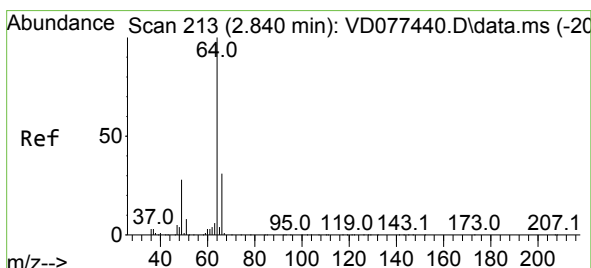
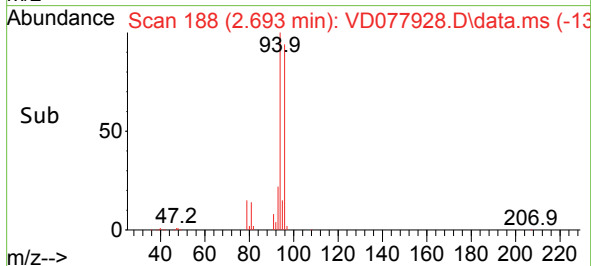
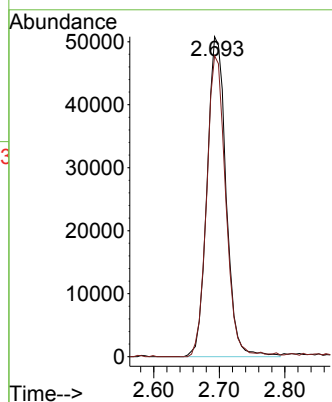
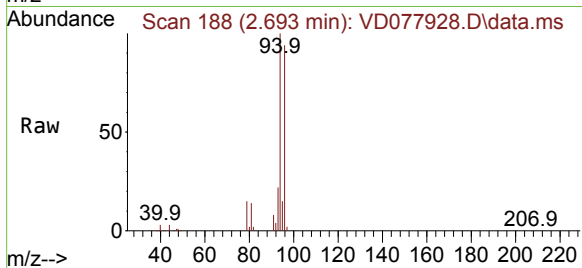




#5
Bromomethane
Concen: 60.071 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

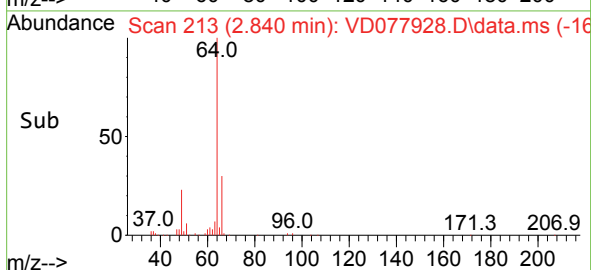
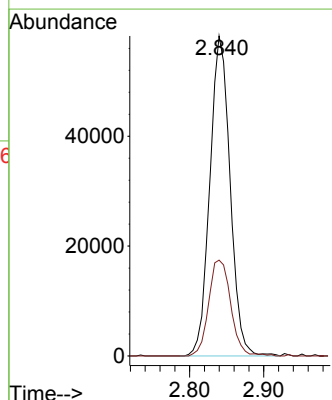
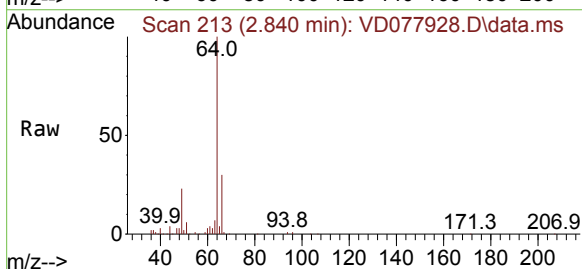
Instrument :
MSVOA_D
ClientSampleId :

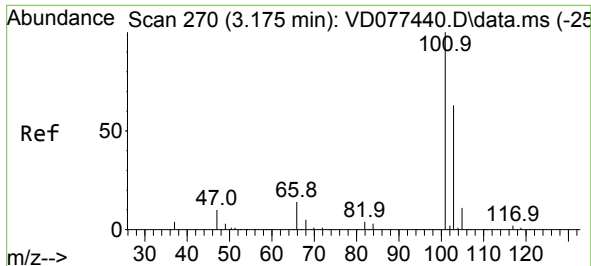
Tgt Ion: 94 Resp: 102435
Ion Ratio Lower Upper
94 100
96 94.3 75.8 113.8



#6
Chloroethane
Concen: 53.479 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Tgt Ion: 64 Resp: 110801
Ion Ratio Lower Upper
64 100
66 29.9 25.5 38.3

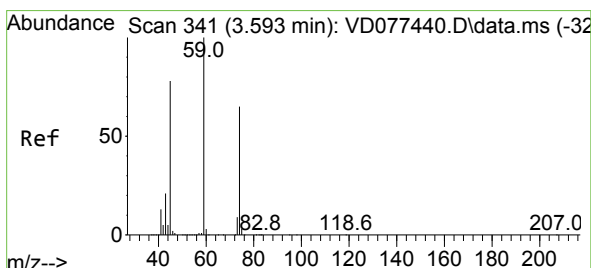
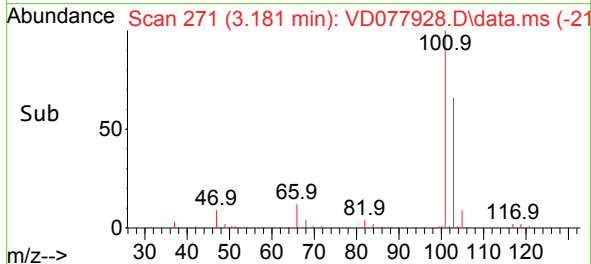
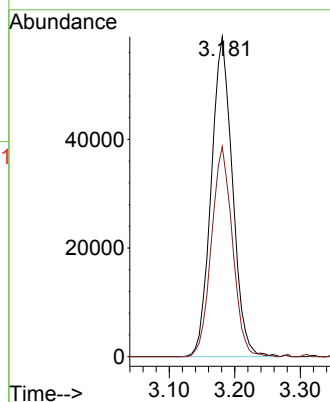
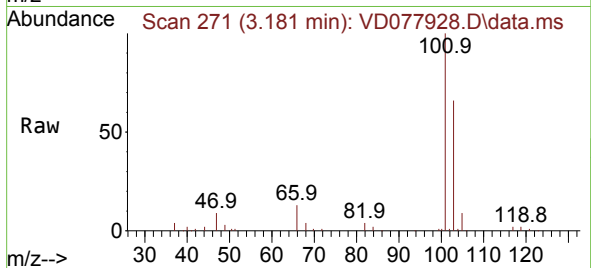




#7
 Trichlorofluoromethane
 Concen: 47.377 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD077928.D
 Acq: 16 Dec 2023 10:49

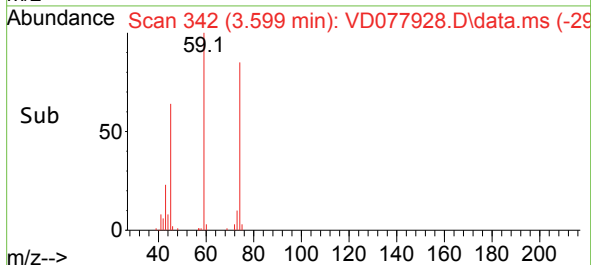
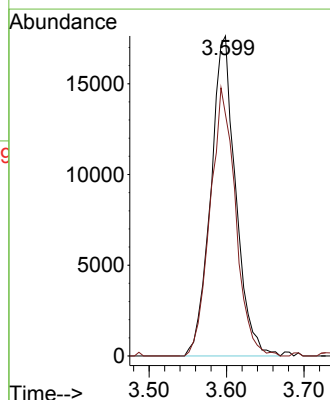
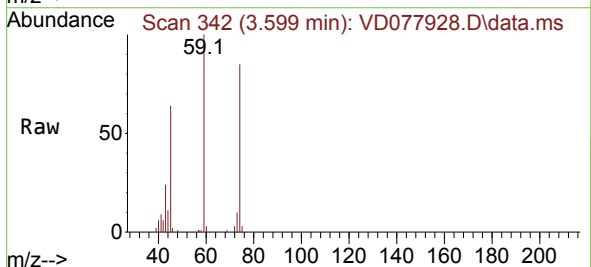
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:101 Resp: 132602
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.3 78.5



#8
 Diethyl Ether
 Concen: 50.241 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD077928.D
 Acq: 16 Dec 2023 10:49

Tgt Ion: 74 Resp: 39486
 Ion Ratio Lower Upper
 74 100
 45 85.2 37.5 112.7

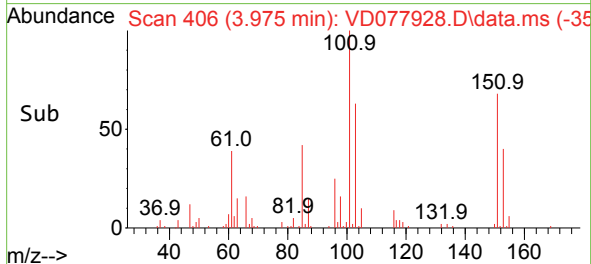
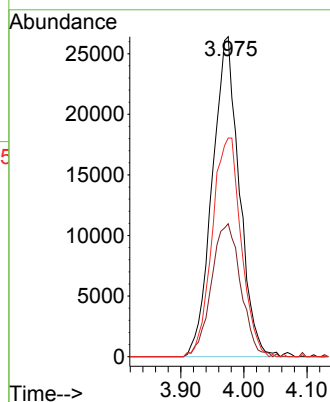
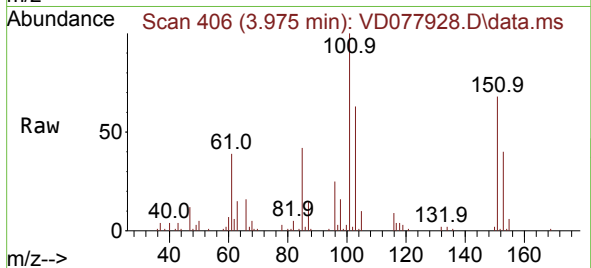




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.987 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

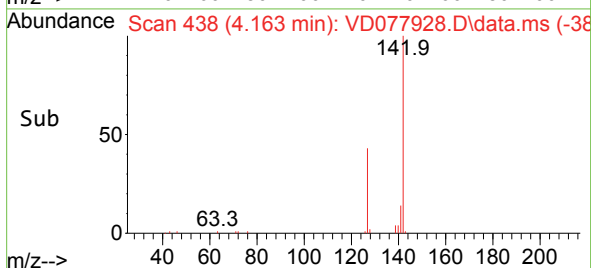
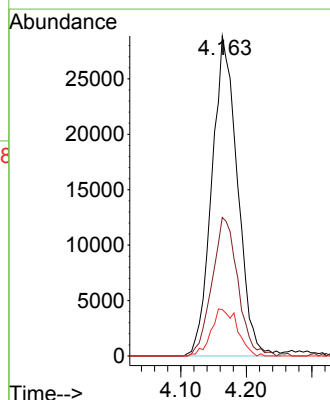
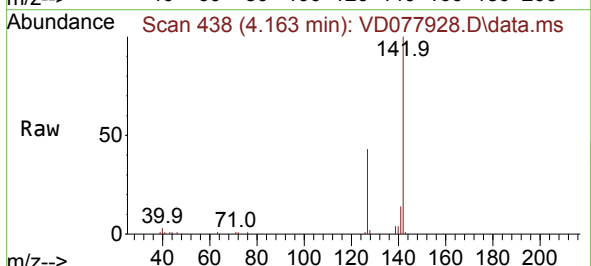
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ClientSampleId :

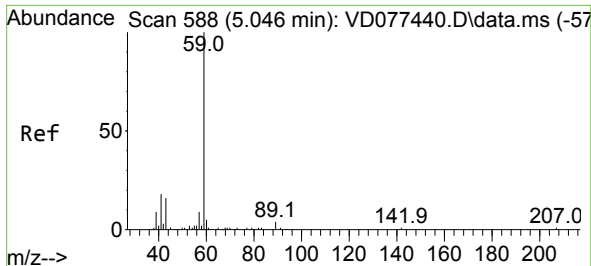
Tgt Ion:101 Resp: 78437
Ion Ratio Lower Upper
101 100
85 45.3 33.8 50.6
151 73.0 59.8 89.6



#10
Methyl Iodide
Concen: 54.967 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Tgt Ion:142 Resp: 78224
Ion Ratio Lower Upper
142 100
127 43.6 29.4 44.0
141 15.1 11.1 16.7

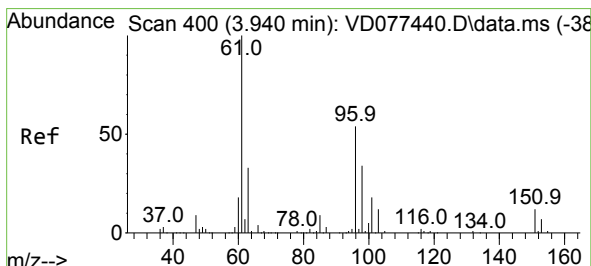
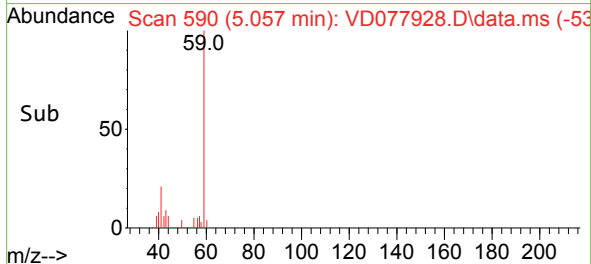
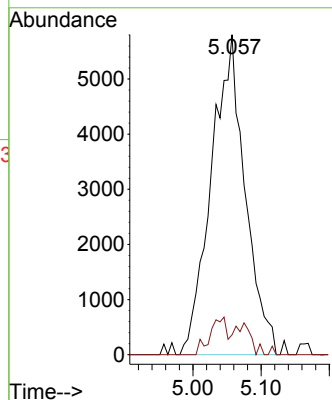
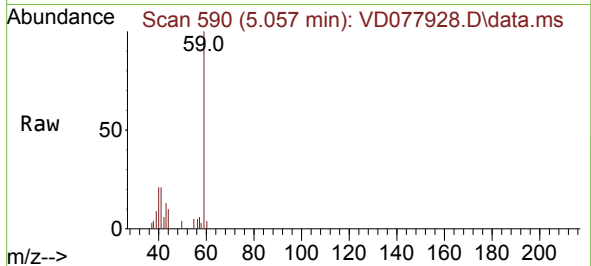




#11
Tert butyl alcohol
Concen: 269.023 ug/l
RT: 5.057 min Scan# 59
Delta R.T. 0.011 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

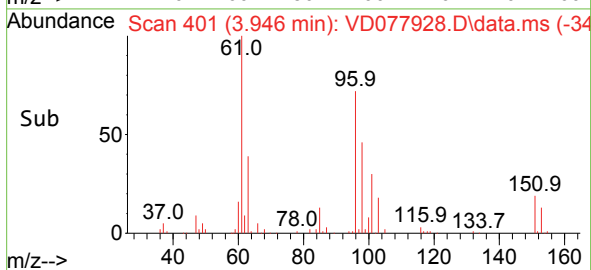
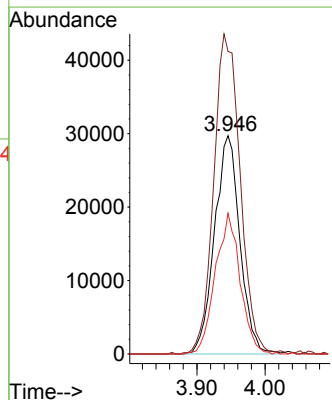
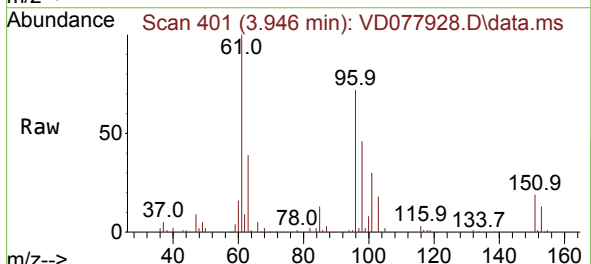
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 20006
Ion Ratio Lower Upper
59 100
57 6.4 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 48.669 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

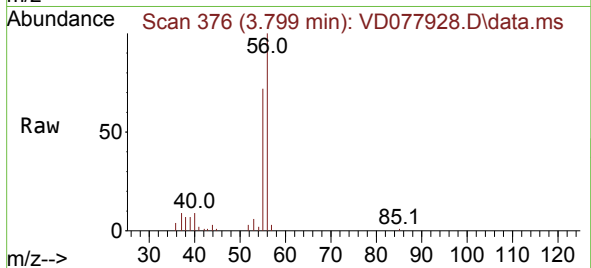
Tgt Ion: 96 Resp: 76913
Ion Ratio Lower Upper
96 100
61 138.6 100.6 150.8
98 64.4 50.2 75.2



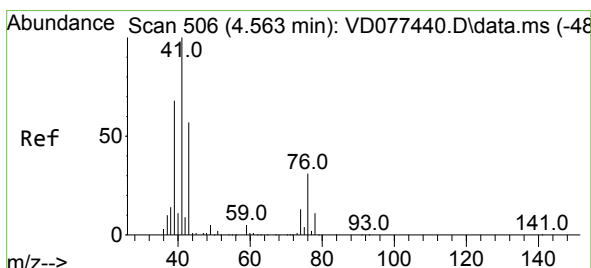
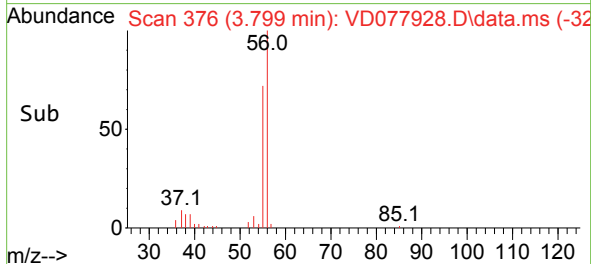
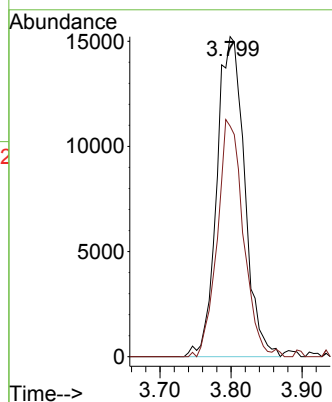


#13
Acrolein
Concen: 251.128 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Instrument :
MSVOA_D
ClientSampleId :

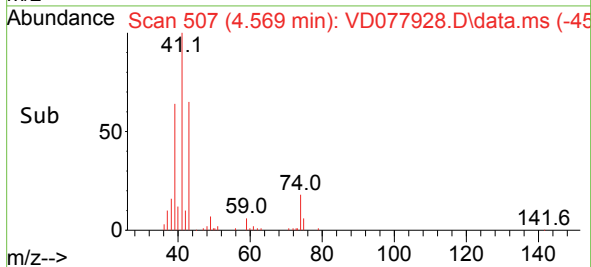
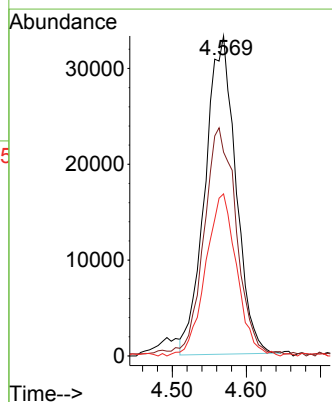
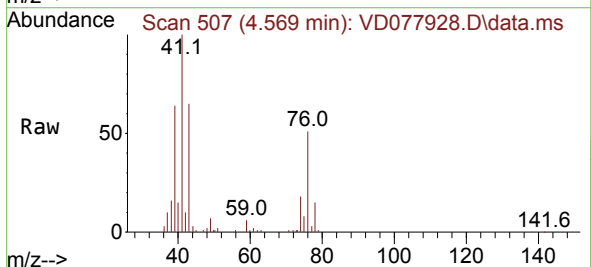


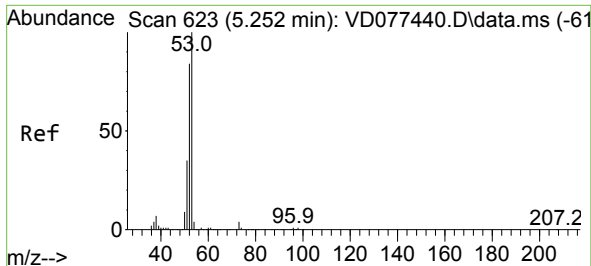
Tgt Ion: 56 Resp: 41154
Ion Ratio Lower Upper
56 100
55 69.7 55.1 82.7



#14
Allyl chloride
Concen: 43.996 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Tgt Ion: 41 Resp: 95625
Ion Ratio Lower Upper
41 100
39 74.5 53.8 80.6
76 51.7 45.8 68.8





#15

Acrylonitrile

Concen: 258.957 ug/l

RT: 5.251 min Scan# 61

Delta R.T. -0.001 min

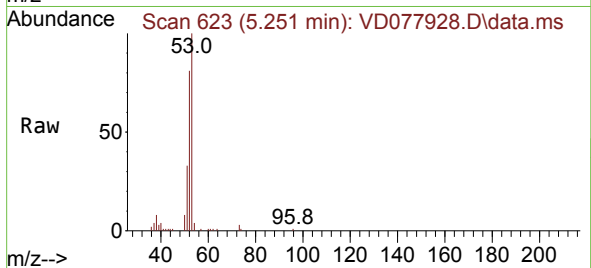
Lab File: VD077928.D

Acq: 16 Dec 2023 10:49

Instrument :

MSVOA_D

ClientSampleId :



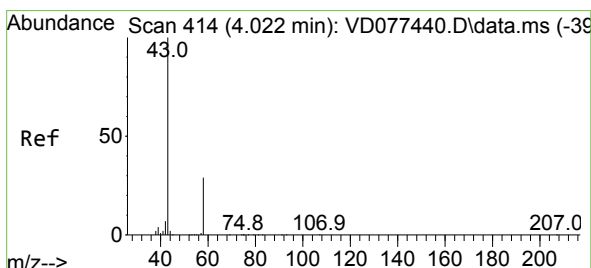
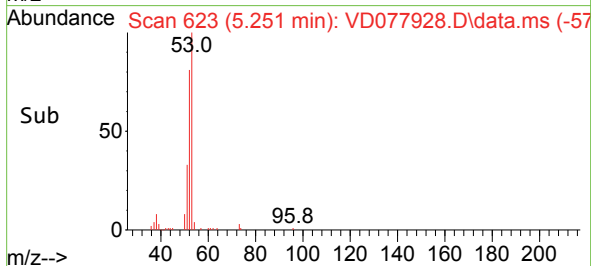
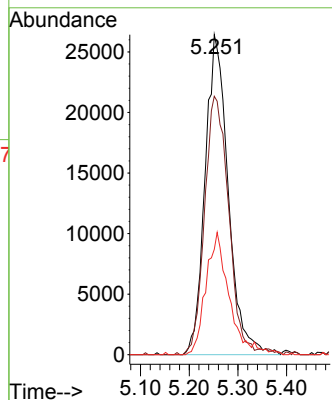
Tgt Ion: 53 Resp: 87139

Ion Ratio Lower Upper

53 100

52 83.5 65.0 97.4

51 36.9 28.3 42.5



#16

Acetone

Concen: 307.858 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD077928.D

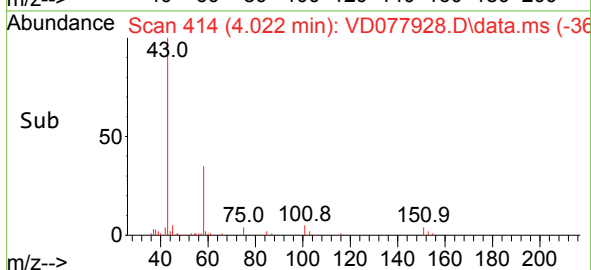
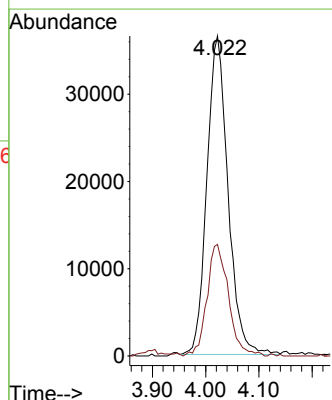
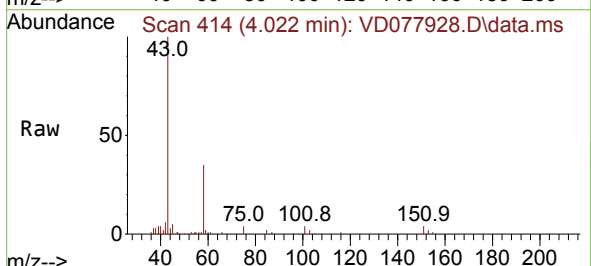
Acq: 16 Dec 2023 10:49

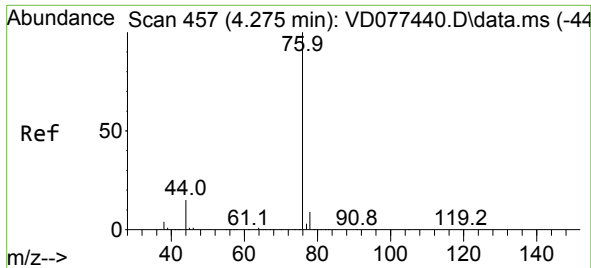
Tgt Ion: 43 Resp: 100629

Ion Ratio Lower Upper

43 100

58 34.5 34.7 52.1#

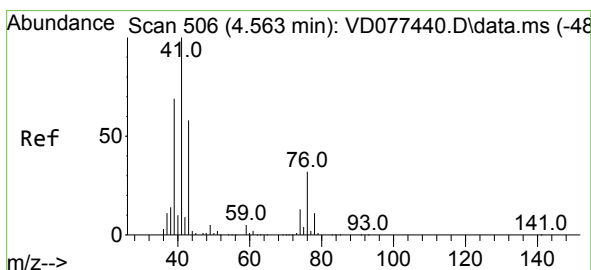
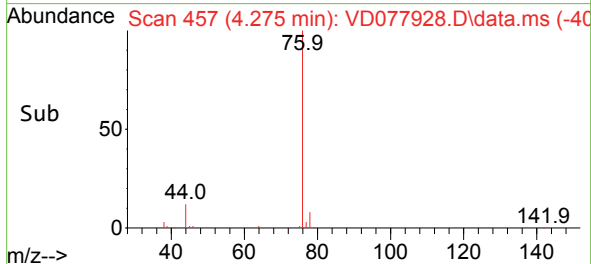
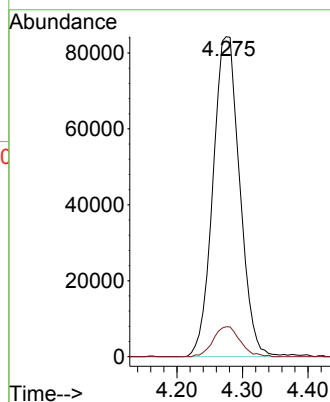
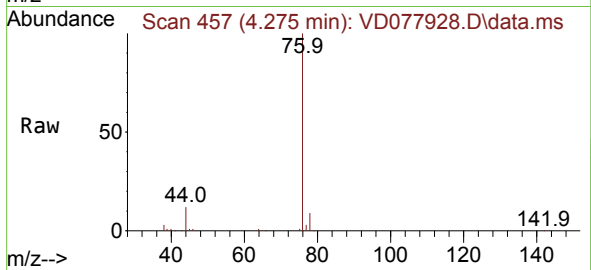




#17
Carbon Disulfide
Concen: 44.561 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

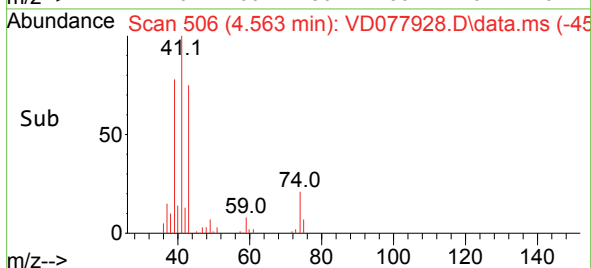
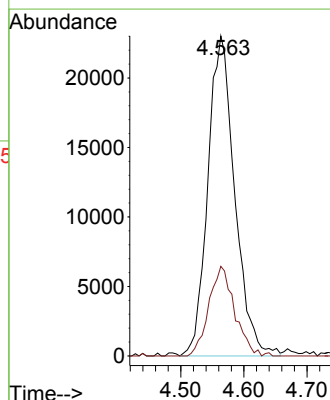
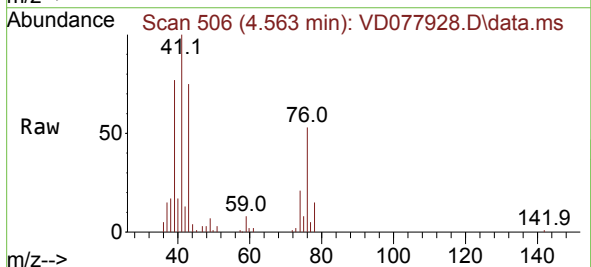
Instrument :
MSVOA_D
ClientSampleId :

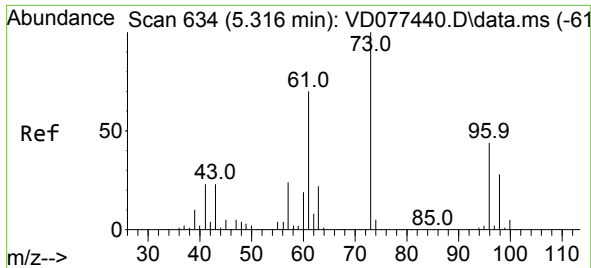
Tgt Ion: 76 Resp: 238246
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 55.923 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Tgt Ion: 43 Resp: 68230
Ion Ratio Lower Upper
43 100
74 26.9 26.4 39.6

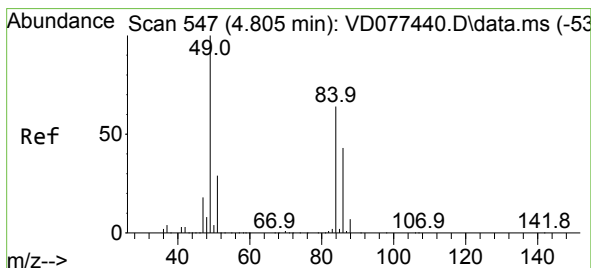
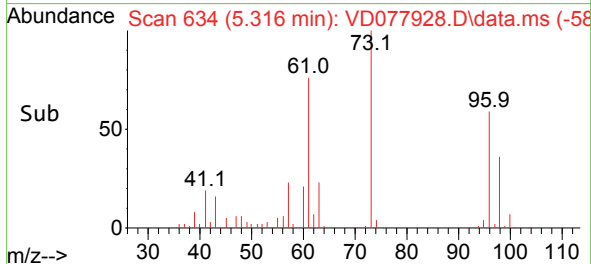
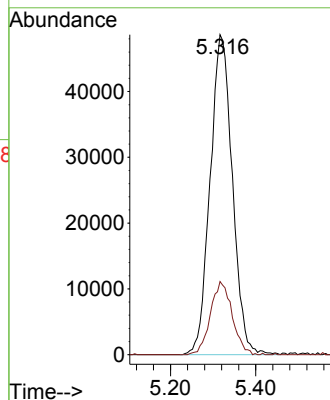
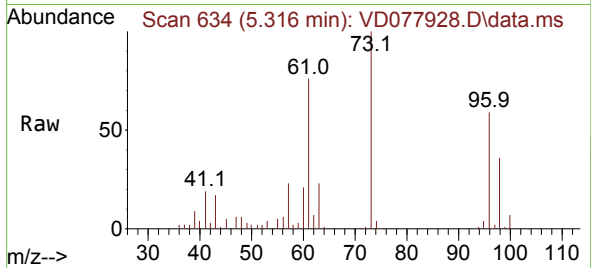




#19
Methyl tert-butyl Ether
Concen: 52.571 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

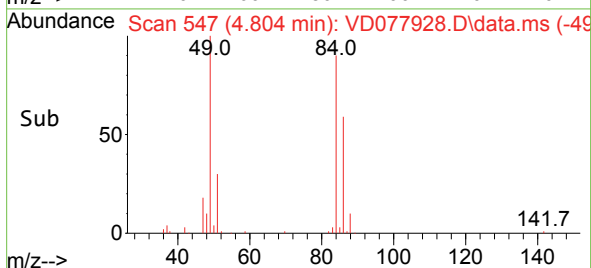
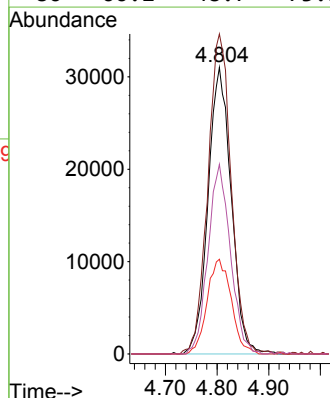
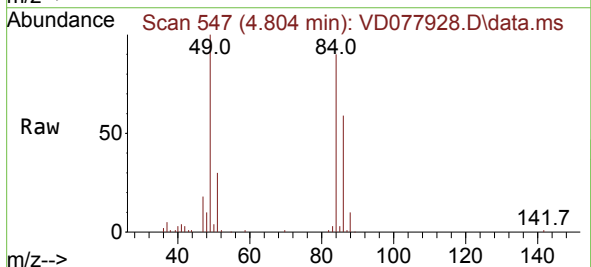
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 73 Resp: 176264
Ion Ratio Lower Upper
73 100
57 22.8 16.6 25.0



#20
Methylene Chloride
Concen: 52.979 ug/l
RT: 4.804 min Scan# 547
Delta R.T. -0.001 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

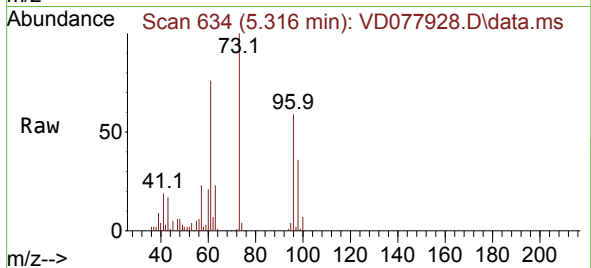
Tgt Ion: 84 Resp: 96670
Ion Ratio Lower Upper
84 100
49 111.7 71.4 107.2#
51 33.1 24.5 36.7
86 66.2 48.7 73.1



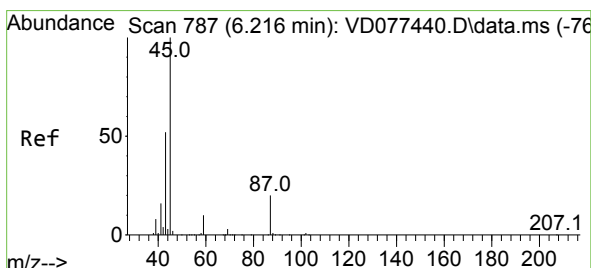
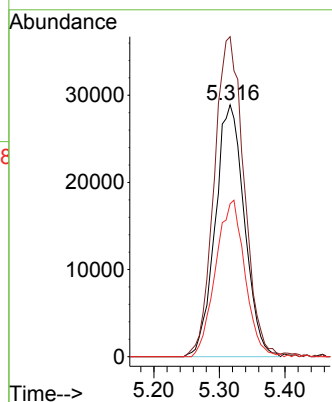
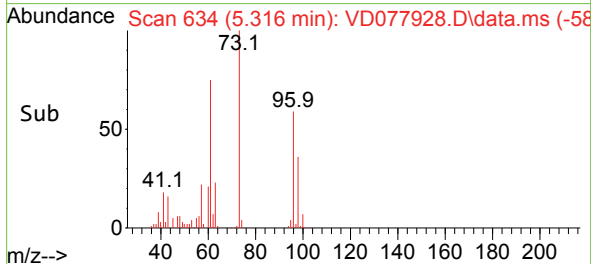


#21
trans-1,2-Dichloroethene
Concen: 49.794 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Instrument :
MSVOA_D
ClientSampleId :

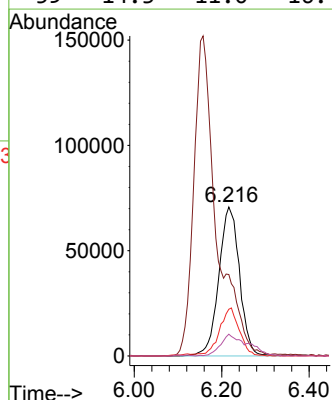
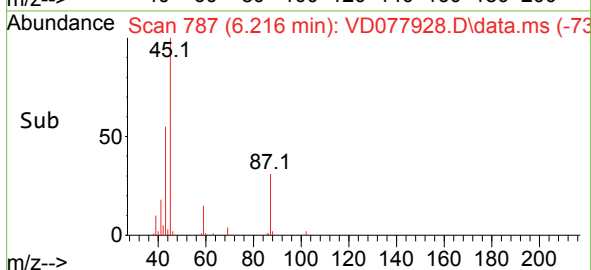
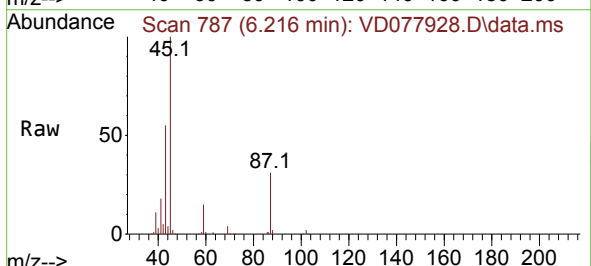


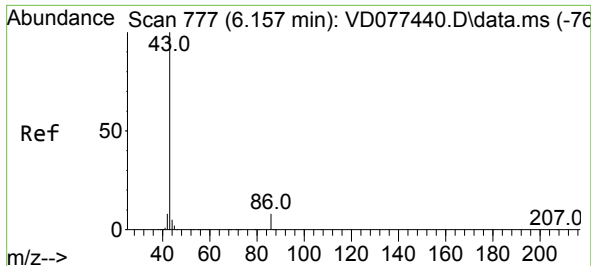
Tgt Ion: 96 Resp: 89130
Ion Ratio Lower Upper
96 100
61 127.0 89.3 133.9
98 60.7 48.6 73.0



#22
Diisopropyl ether
Concen: 51.204 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Tgt Ion: 45 Resp: 232570
Ion Ratio Lower Upper
45 100
43 53.5 40.0 60.0
87 31.4 28.2 42.4
59 14.3 11.0 16.4

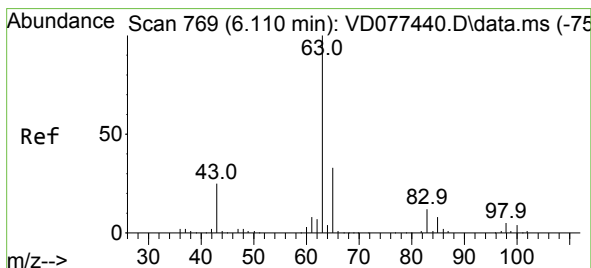
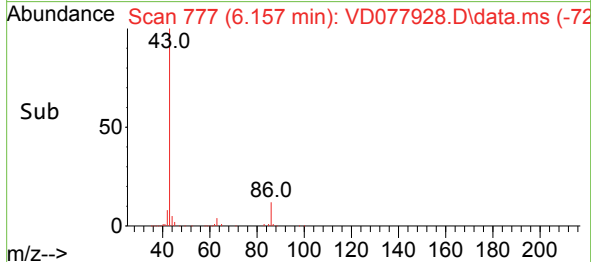
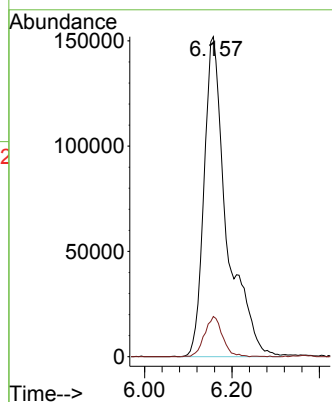
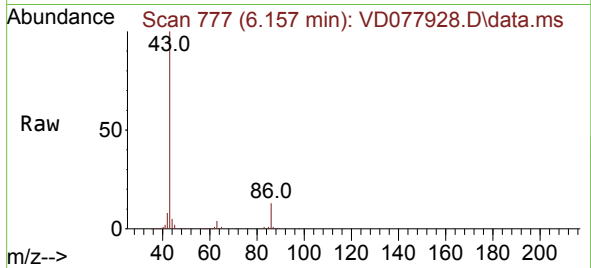




#23
 Vinyl Acetate
 Concen: 248.568 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD077928.D
 Acq: 16 Dec 2023 10:49

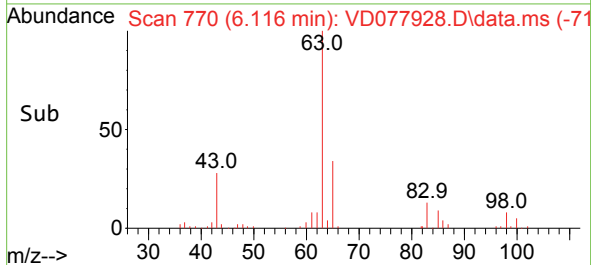
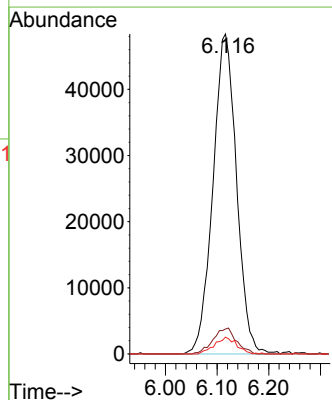
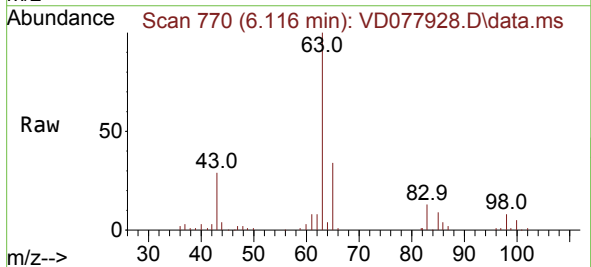
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 43 Resp: 551333
 Ion Ratio Lower Upper
 43 100
 86 12.6 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 49.882 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077928.D
 Acq: 16 Dec 2023 10:49

Tgt Ion: 63 Resp: 153429
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.5 13.7
 100 5.3 2.5 7.5





#25

2-Butanone

Concen: 269.159 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD077928.D

Acq: 16 Dec 2023 10:49

Instrument :

MSVOA_D

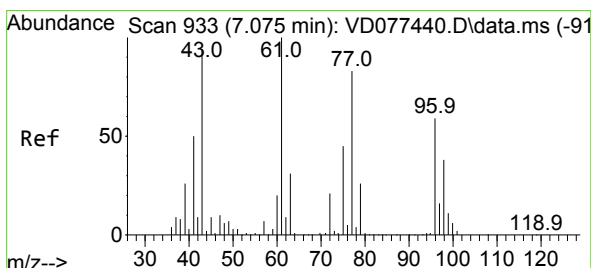
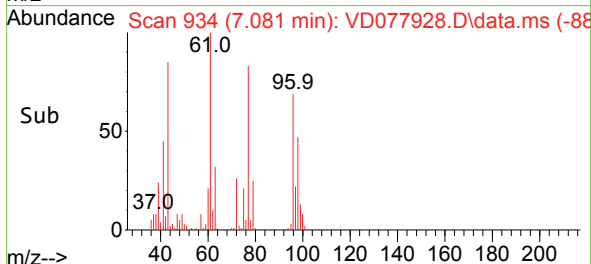
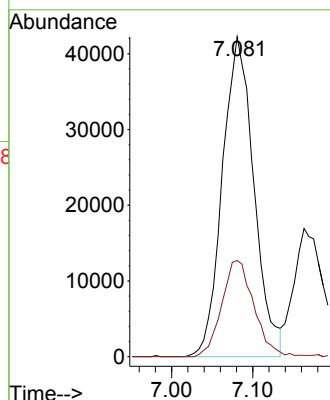
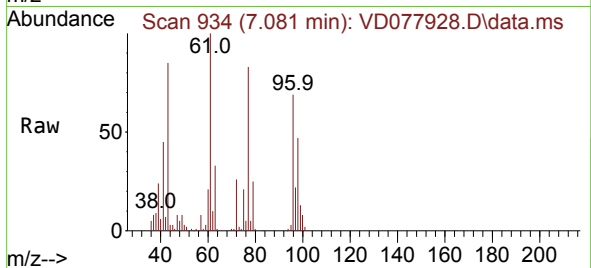
ClientSampleId :

Tgt Ion: 43 Resp: 114131

Ion Ratio Lower Upper

43 100

72 30.1 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 50.170 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD077928.D

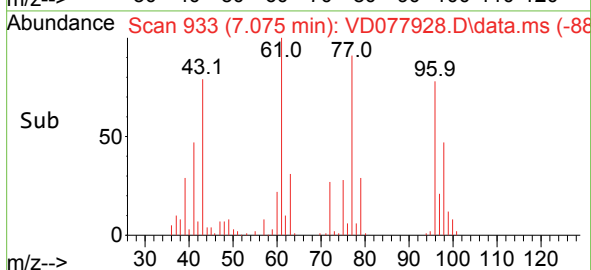
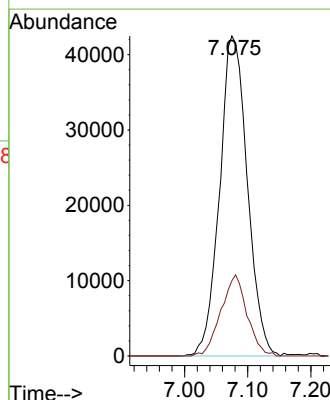
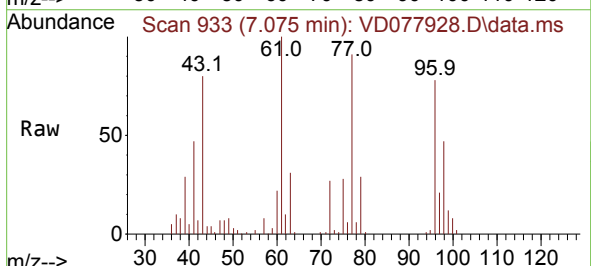
Acq: 16 Dec 2023 10:49

Tgt Ion: 77 Resp: 129564

Ion Ratio Lower Upper

77 100

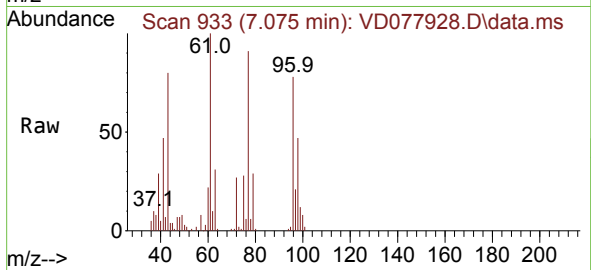
97 23.9 13.2 39.6



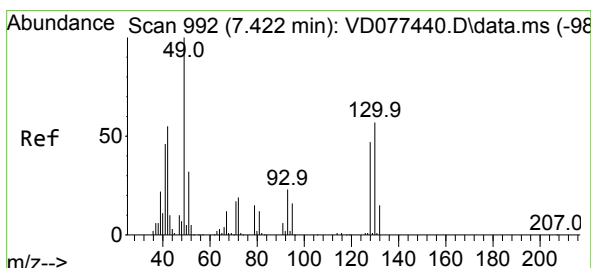
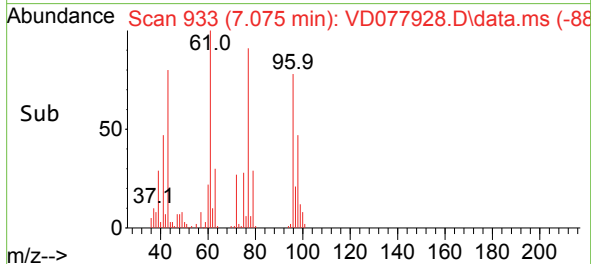
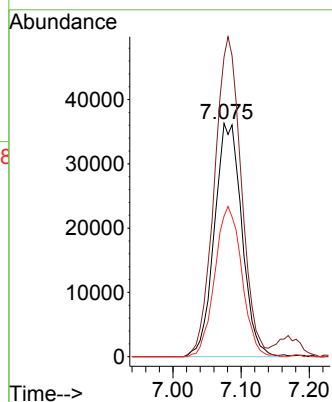


#27
cis-1,2-Dichloroethene
Concen: 52.749 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Instrument :
MSVOA_D
ClientSampleId :

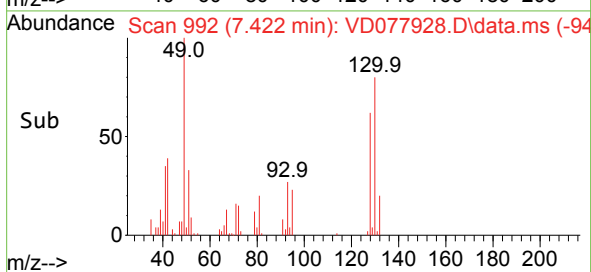
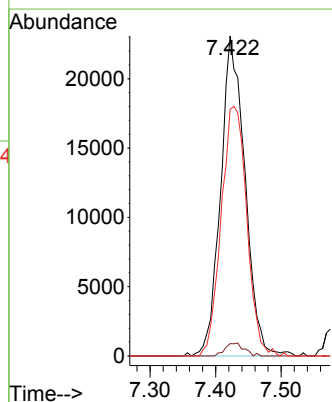
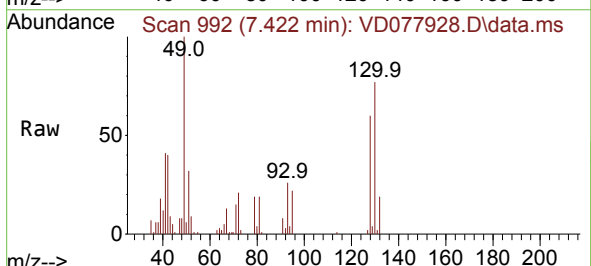


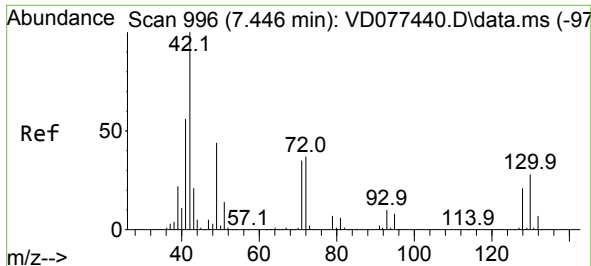
Tgt Ion: 96 Resp: 101597
Ion Ratio Lower Upper
96 100
61 134.7 0.0 239.2
98 63.3 0.0 128.6



#28
Bromochloromethane
Concen: 47.737 ug/l
RT: 7.422 min Scan# 992
Delta R.T. -0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

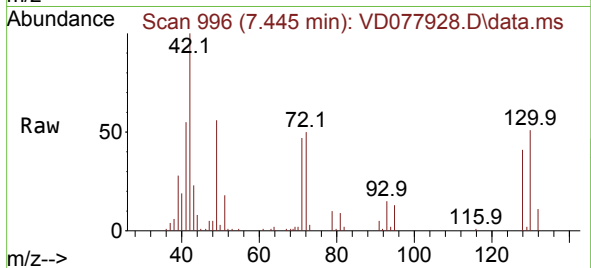
Tgt Ion: 49 Resp: 59332
Ion Ratio Lower Upper
49 100
129 3.2 0.0 6.0
130 82.0 83.2 124.8#



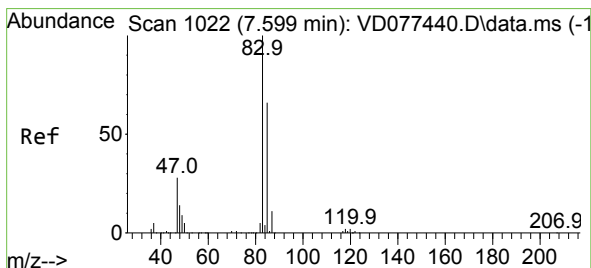
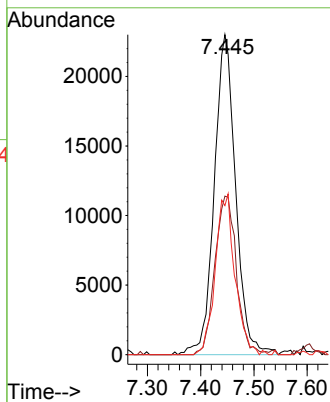
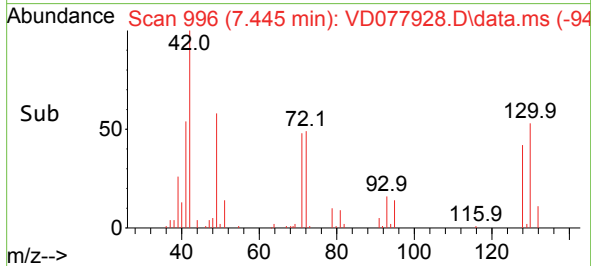


#29
Tetrahydrofuran
Concen: 259.880 ug/l
RT: 7.445 min Scan# 996
Delta R.T. -0.001 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Instrument :
MSVOA_D
ClientSampleId :

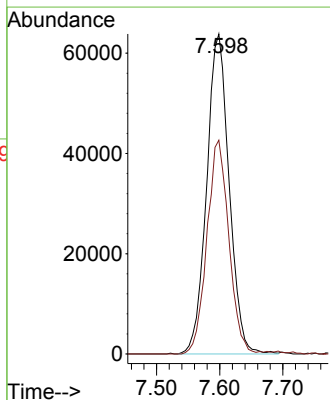
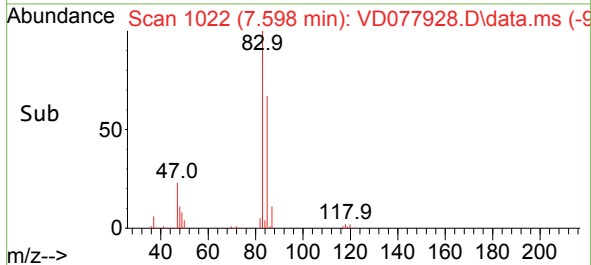
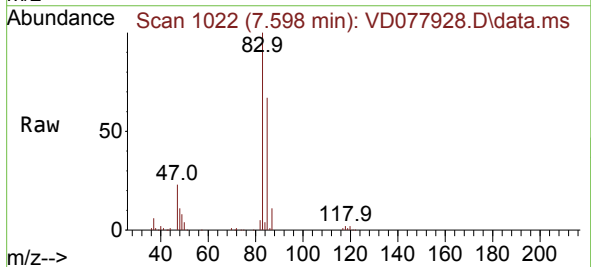


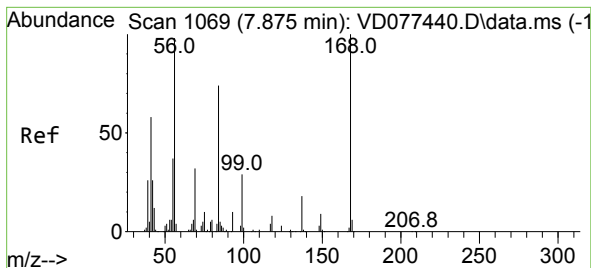
Tgt Ion: 42 Resp: 64111
Ion Ratio Lower Upper
42 100
72 50.0 46.5 69.7
71 46.2 44.5 66.7



#30
Chloroform
Concen: 51.265 ug/l
RT: 7.598 min Scan# 1022
Delta R.T. -0.001 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Tgt Ion: 83 Resp: 157814
Ion Ratio Lower Upper
83 100
85 66.8 53.4 80.2





#31

Cyclohexane

Concen: 45.790 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD077928.D

Acq: 16 Dec 2023 10:49

Instrument :

MSVOA_D

ClientSampleId :

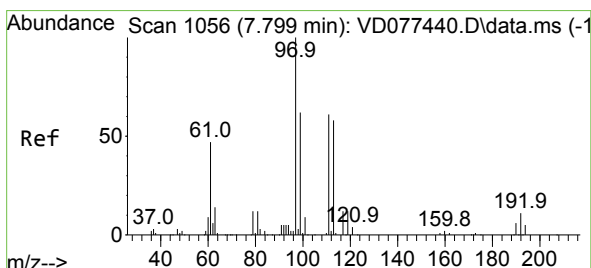
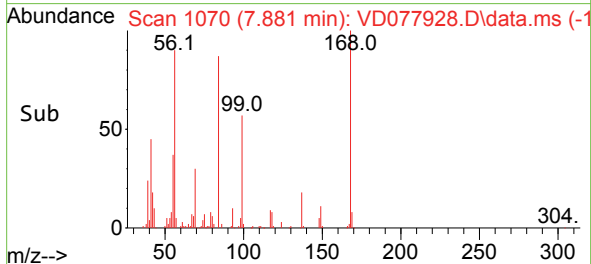
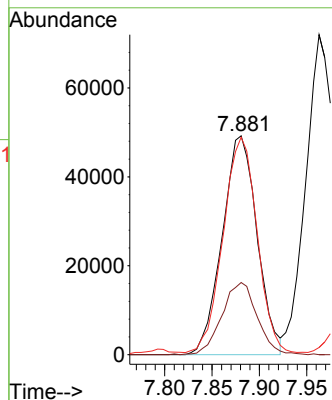
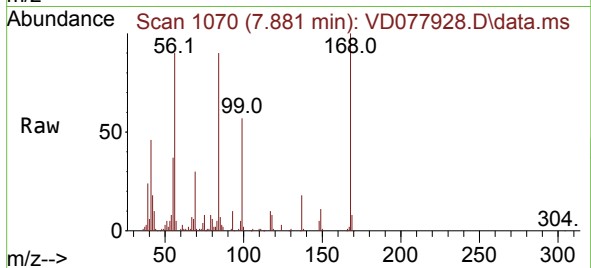
Tgt Ion: 56 Resp: 126175

Ion Ratio Lower Upper

56 100

69 32.9 28.6 43.0

84 98.2 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 50.908 ug/l

RT: 7.798 min Scan# 1056

Delta R.T. -0.001 min

Lab File: VD077928.D

Acq: 16 Dec 2023 10:49

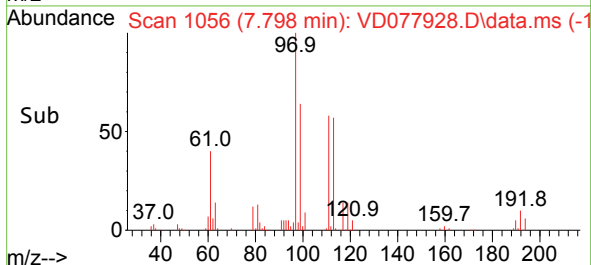
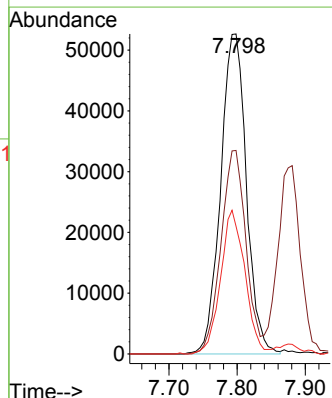
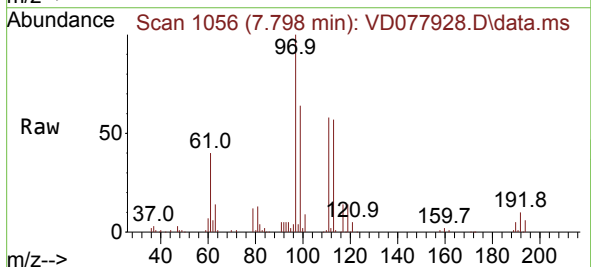
Tgt Ion: 97 Resp: 138153

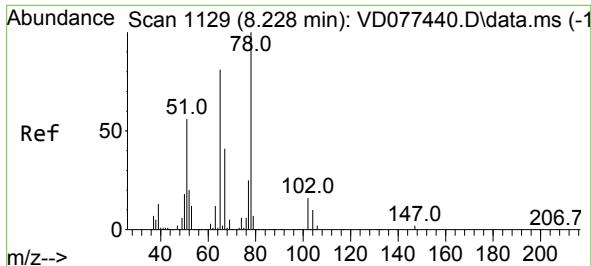
Ion Ratio Lower Upper

97 100

99 61.6 52.0 78.0

61 42.6 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 52.726 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD077928.D

Acq: 16 Dec 2023 10:49

Instrument :

MSVOA_D

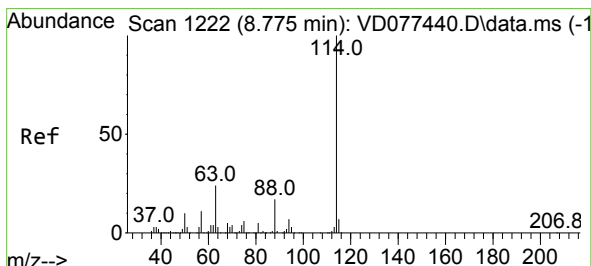
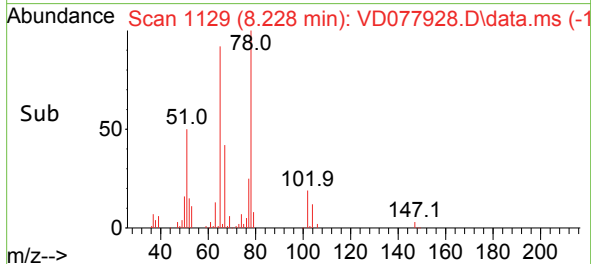
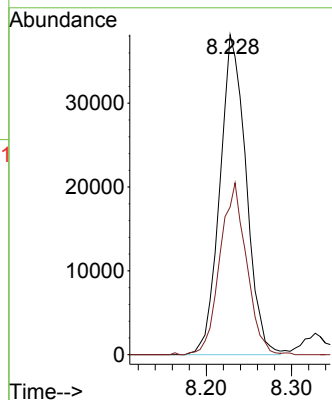
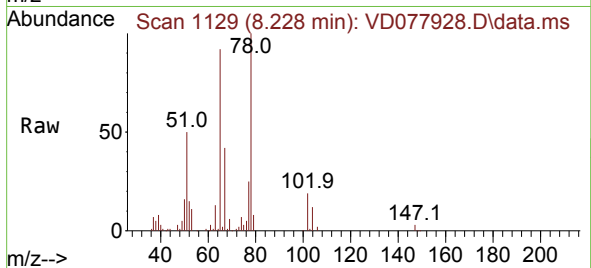
ClientSampleId :

Tgt Ion: 65 Resp: 81683

Ion Ratio Lower Upper

65 100

67 54.4 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: VD077928.D

Acq: 16 Dec 2023 10:49

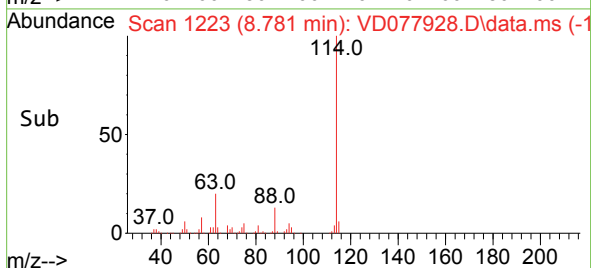
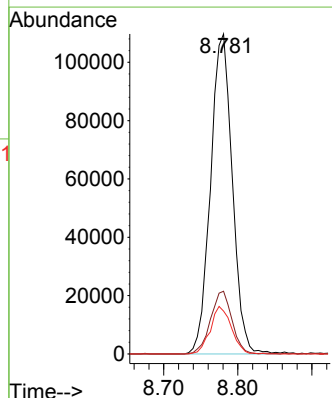
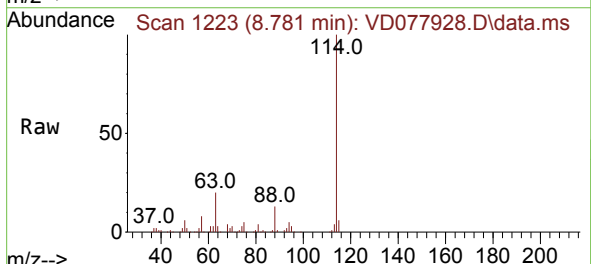
Tgt Ion: 114 Resp: 223753

Ion Ratio Lower Upper

114 100

63 19.6 0.0 33.4

88 13.4 0.0 26.2

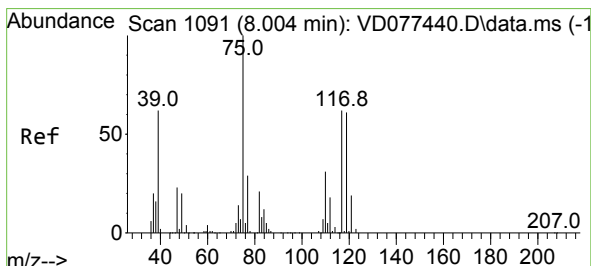
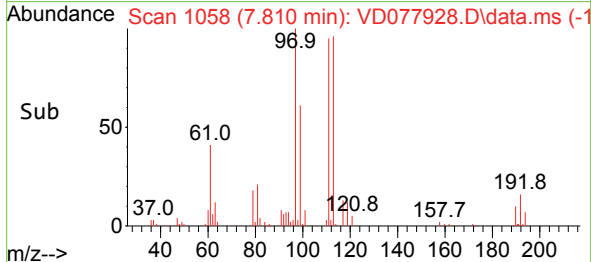
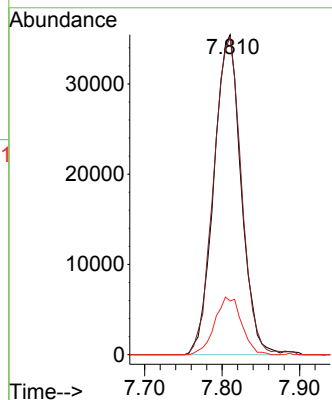
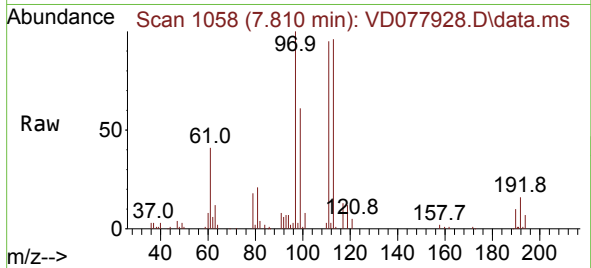




#35
Dibromofluoromethane
Concen: 55.176 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

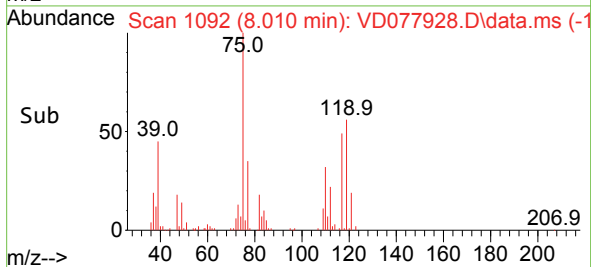
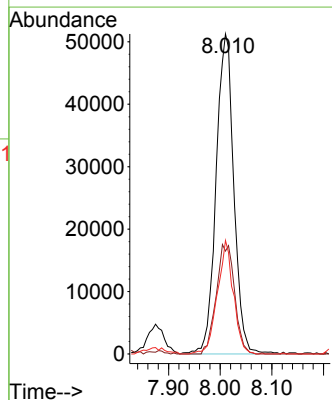
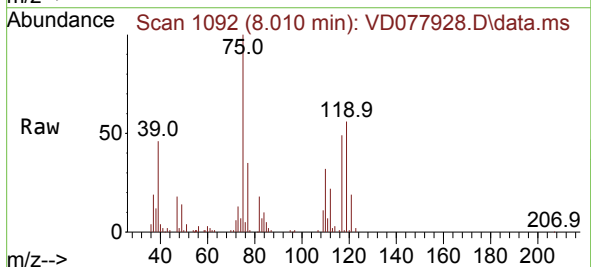
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 86478
Ion Ratio Lower Upper
113 100
111 101.5 84.7 127.1
192 17.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 48.779 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

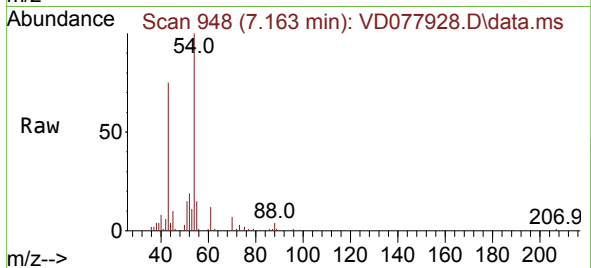
Tgt Ion: 75 Resp: 122288
Ion Ratio Lower Upper
75 100
110 35.5 19.9 59.6
77 32.1 24.7 37.1



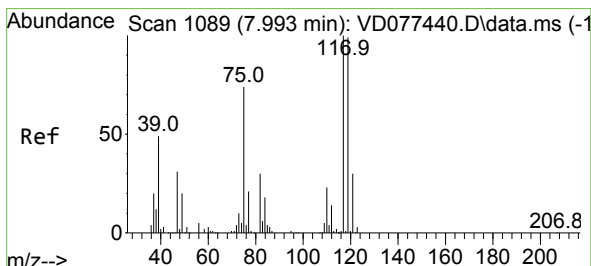
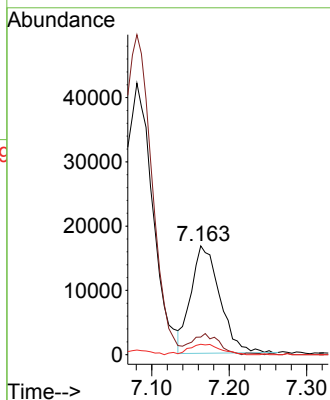
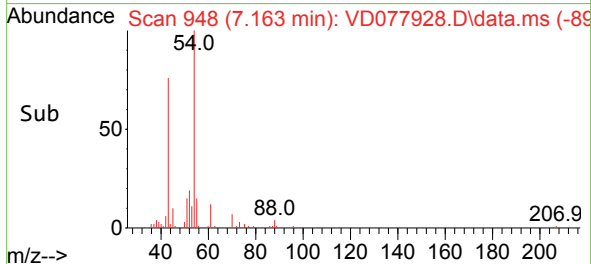


#37
Ethyl Acetate
Concen: 44.286 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Instrument :
MSVOA_D
ClientSampleId :

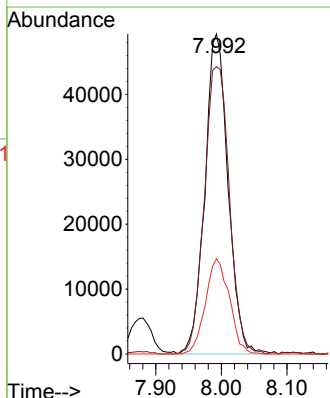
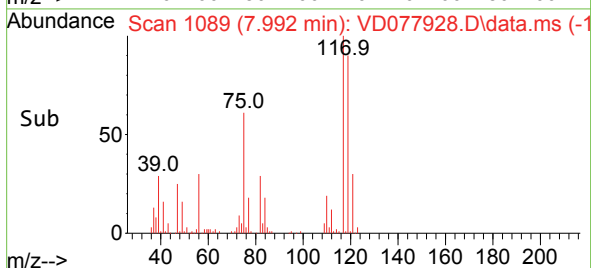
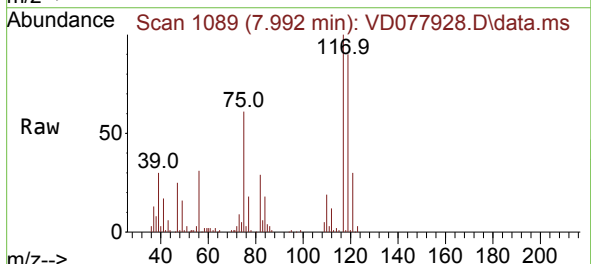


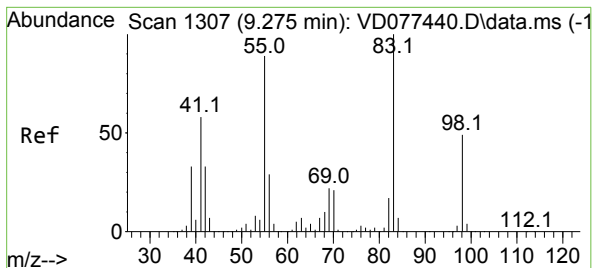
Tgt Ion: 43 Resp: 43291
Ion Ratio Lower Upper
43 100
61 18.0 14.9 22.3
70 11.0 10.0 15.0



#38
Carbon Tetrachloride
Concen: 48.524 ug/l
RT: 7.992 min Scan# 1089
Delta R.T. -0.001 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Tgt Ion: 117 Resp: 121277
Ion Ratio Lower Upper
117 100
119 89.8 78.0 117.0
121 29.7 24.2 36.2





#39

Methylcyclohexane

Concen: 49.256 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD077928.D

Acq: 16 Dec 2023 10:49

Instrument :

MSVOA_D

ClientSampleId :

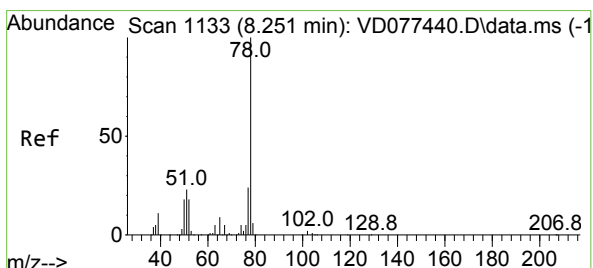
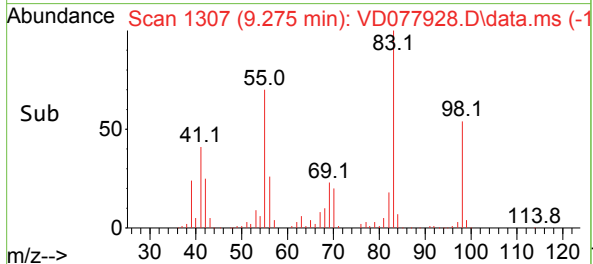
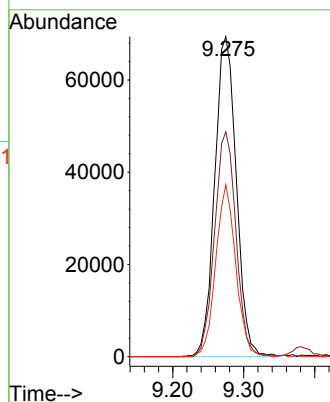
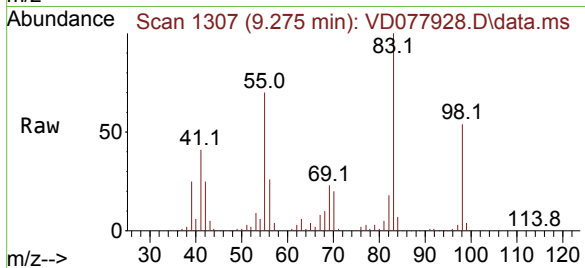
Tgt Ion: 83 Resp: 146390

Ion Ratio Lower Upper

83 100

55 70.3 49.4 74.0

98 53.7 38.4 57.6



#40

Benzene

Concen: 50.705 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077928.D

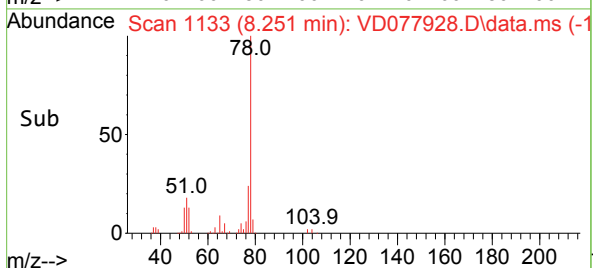
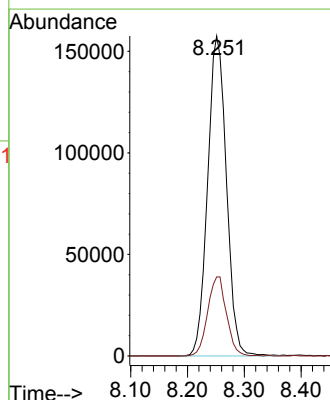
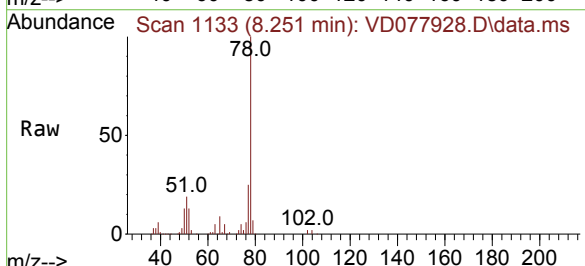
Acq: 16 Dec 2023 10:49

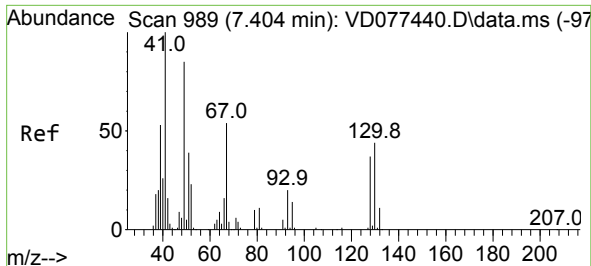
Tgt Ion: 78 Resp: 360790

Ion Ratio Lower Upper

78 100

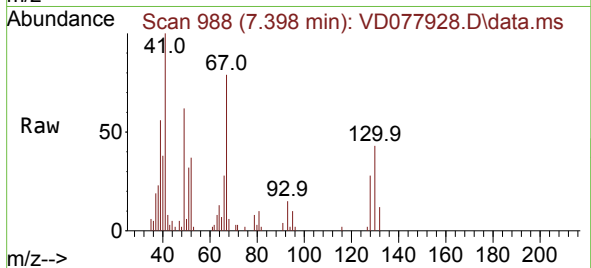
77 24.7 19.4 29.0



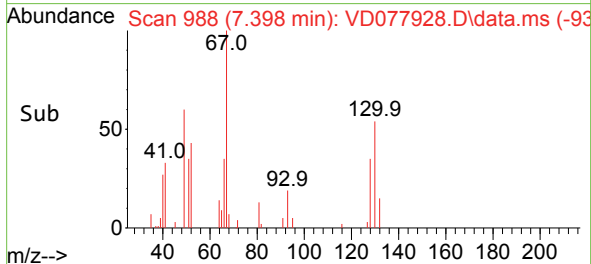
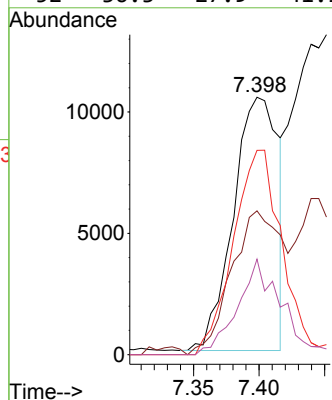


#41
Methacrylonitrile
Concen: 50.112 ug/l
RT: 7.398 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Instrument :
MSVOA_D
ClientSampleId :

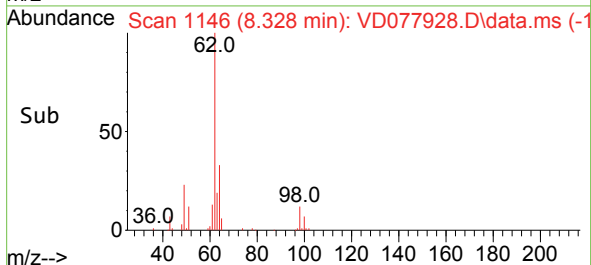
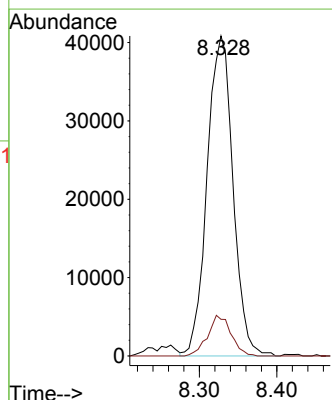
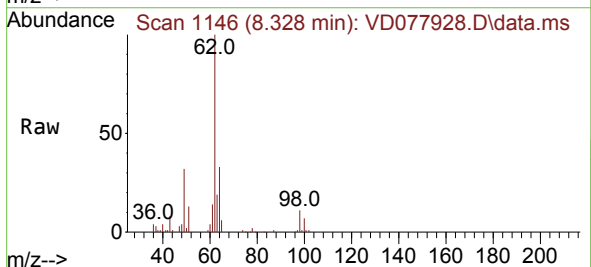


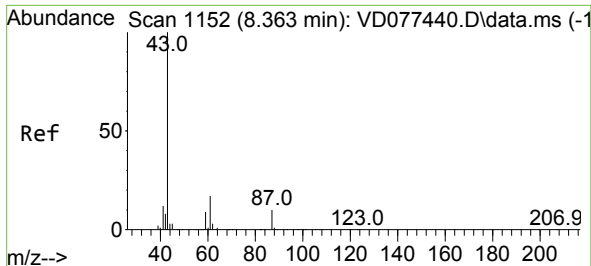
Tgt Ion: 41 Resp: 24898
Ion Ratio Lower Upper
41 100
39 64.5 34.0 51.0#
67 87.7 77.0 115.4
52 36.3 27.9 41.9



#42
1,2-Dichloroethane
Concen: 51.429 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

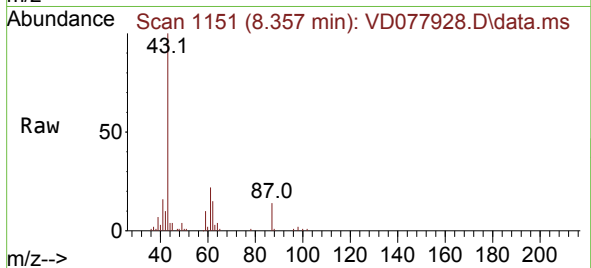
Tgt Ion: 62 Resp: 94856
Ion Ratio Lower Upper
62 100
98 11.5 0.0 25.4



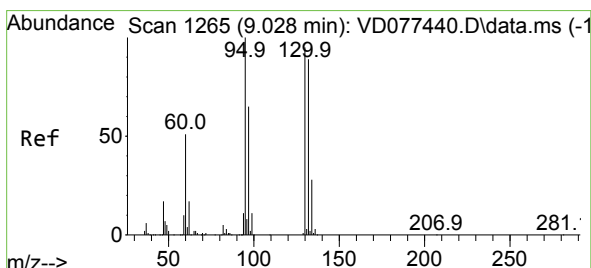
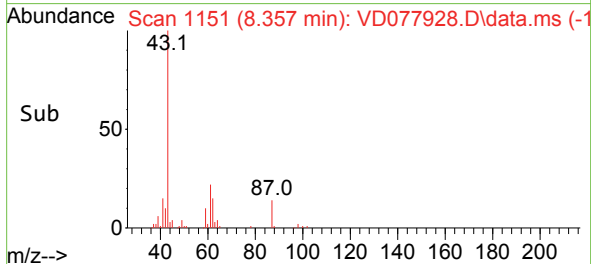
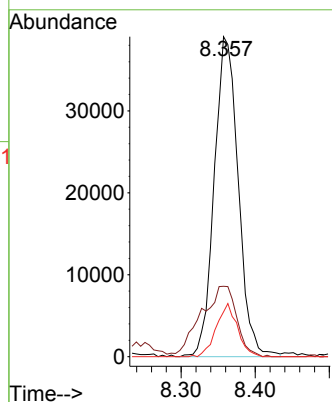


#43
Isopropyl Acetate
Concen: 50.519 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Instrument :
MSVOA_D
ClientSampleId :

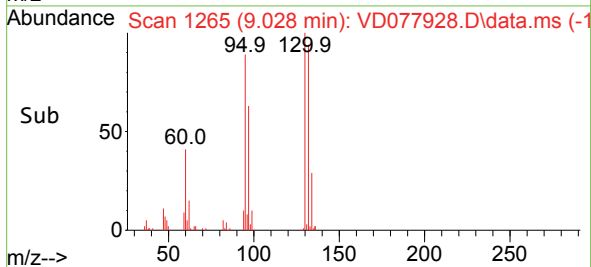
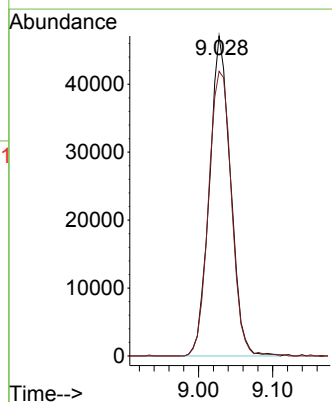
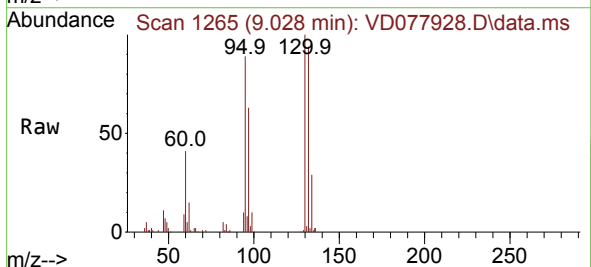


Tgt Ion: 43 Resp: 87787
Ion Ratio Lower Upper
43 100
61 32.5 31.4 47.0
87 14.6 14.9 22.3#



#44
Trichloroethene
Concen: 50.337 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Tgt Ion:130 Resp: 93338
Ion Ratio Lower Upper
130 100
95 88.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 53.168 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077928.D

Acq: 16 Dec 2023 10:49

Instrument :

MSVOA_D

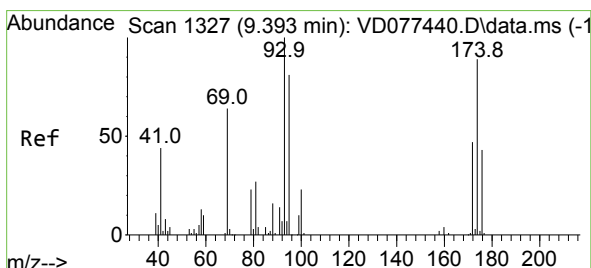
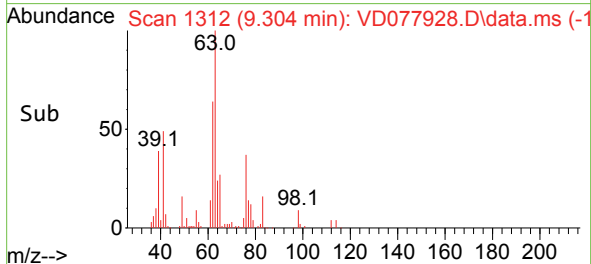
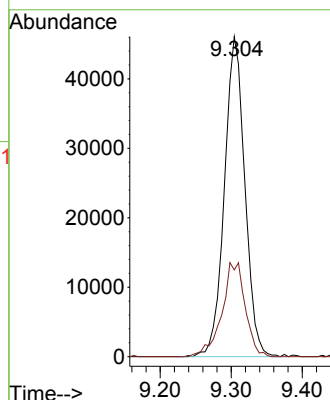
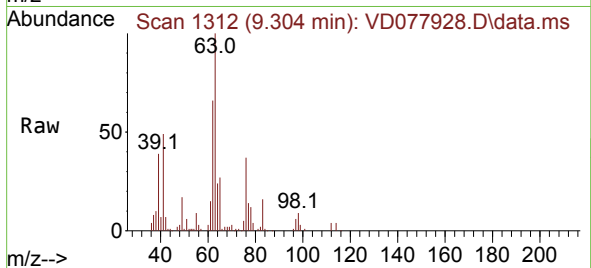
ClientSampleId :

Tgt Ion: 63 Resp: 91966

Ion Ratio Lower Upper

63 100

65 27.1 24.5 36.7



#46

Dibromomethane

Concen: 52.713 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.001 min

Lab File: VD077928.D

Acq: 16 Dec 2023 10:49

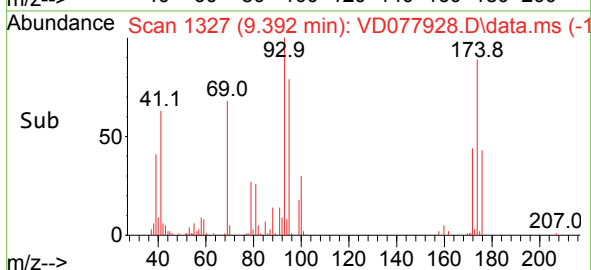
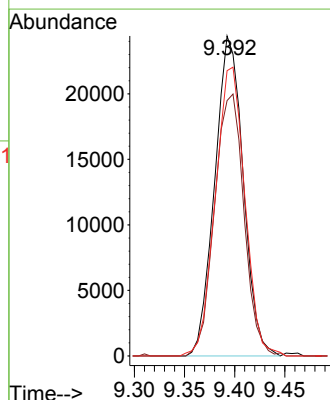
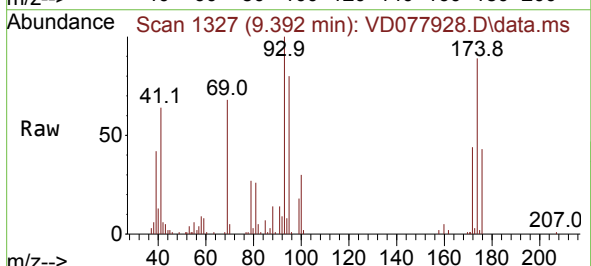
Tgt Ion: 93 Resp: 48244

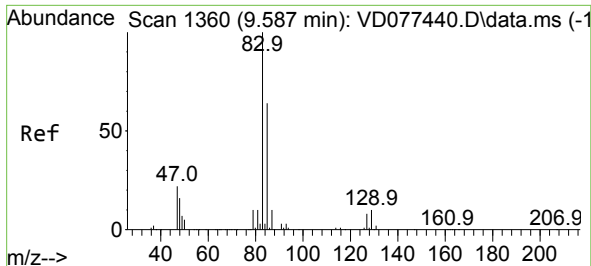
Ion Ratio Lower Upper

93 100

95 84.6 67.7 101.5

174 93.4 85.4 128.2

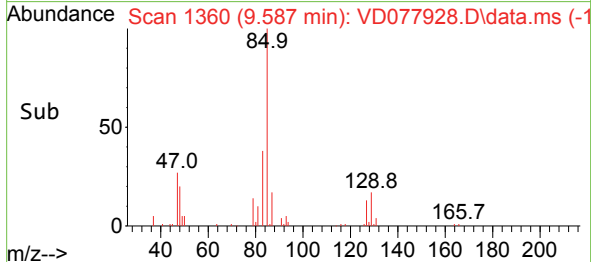
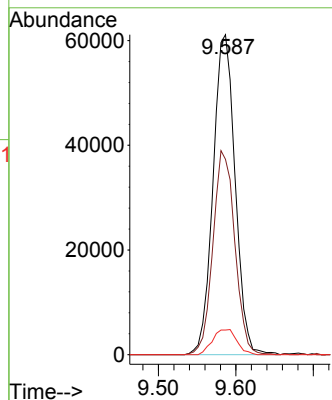
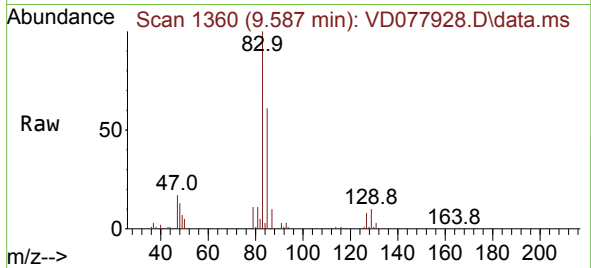




#47
Bromodichloromethane
Concen: 52.262 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

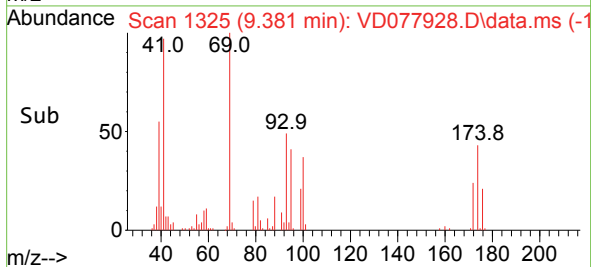
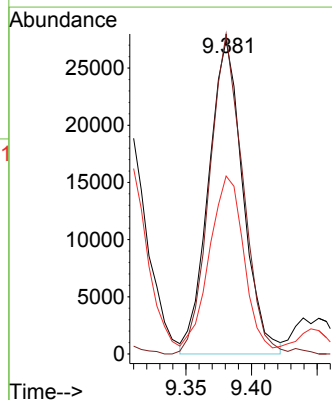
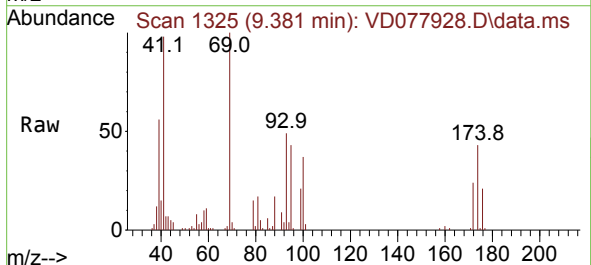
Instrument :
MSVOA_D
ClientSampleId :

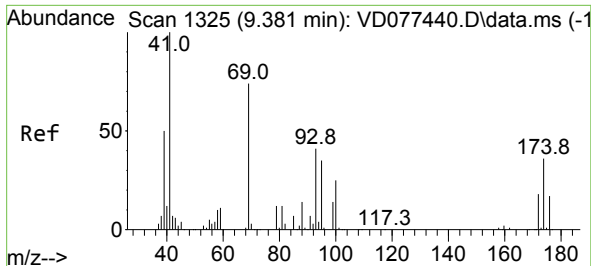
Tgt Ion: 83 Resp: 121236
Ion Ratio Lower Upper
83 100
85 61.1 50.2 75.4
127 7.7 6.3 9.5



#48
Methyl methacrylate
Concen: 50.795 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Tgt Ion: 41 Resp: 50175
Ion Ratio Lower Upper
41 100
69 97.9 102.2 153.2#
39 54.0 41.4 62.2





#49

1,4-Dioxane

Concen: 1048.207 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077928.D

Acq: 16 Dec 2023 10:49

Instrument :

MSVOA_D

ClientSampleId :

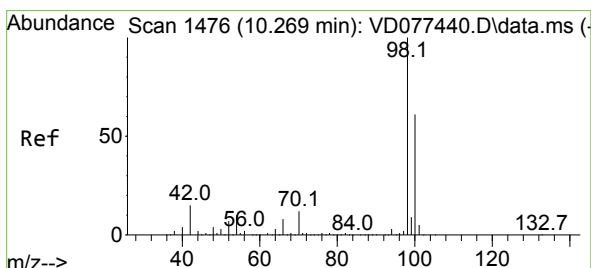
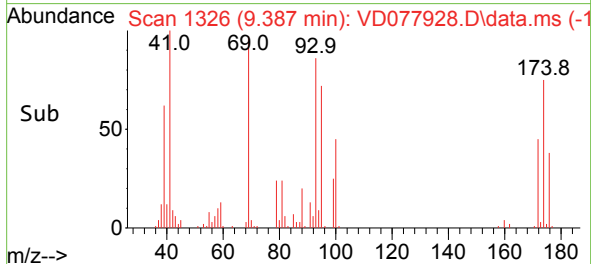
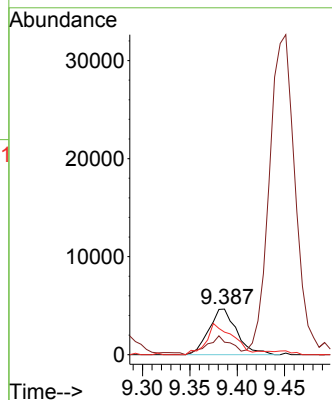
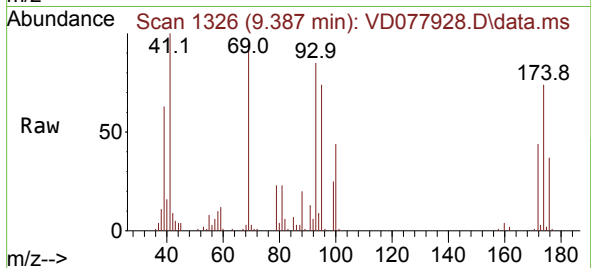
Tgt Ion: 88 Resp: 9526

Ion Ratio Lower Upper

88 100

43 34.9 19.0 28.6#

58 66.0 43.5 65.3#



#50

Toluene-d8

Concen: 54.036 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077928.D

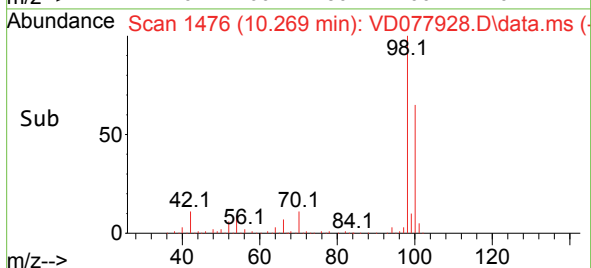
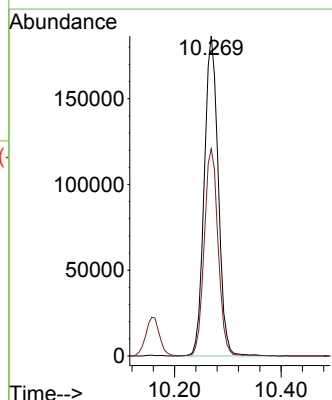
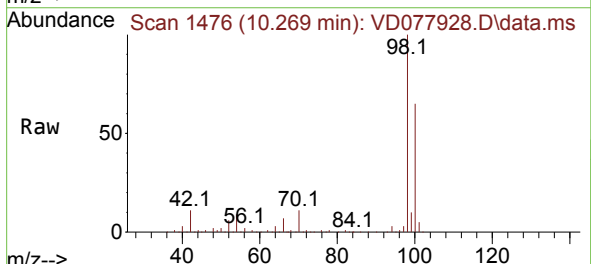
Acq: 16 Dec 2023 10:49

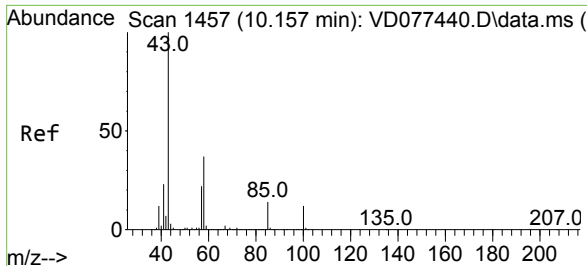
Tgt Ion: 98 Resp: 339202

Ion Ratio Lower Upper

98 100

100 64.6 50.3 75.5

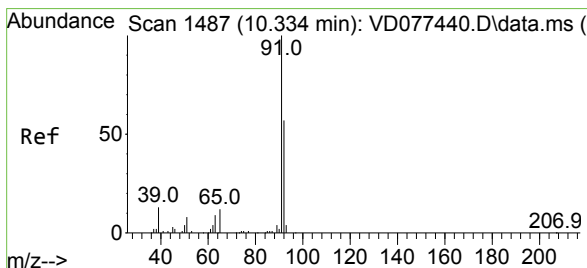
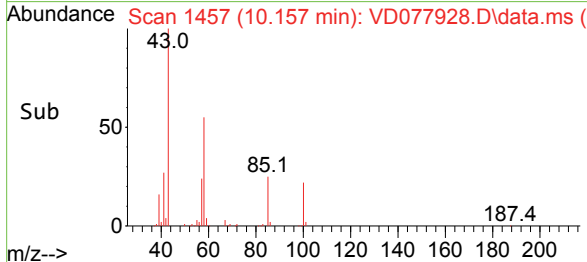
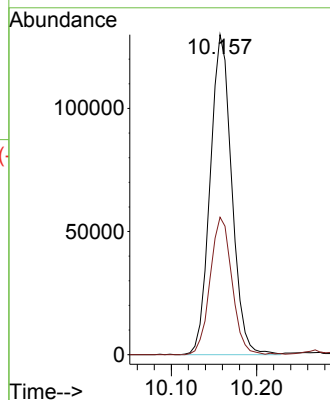
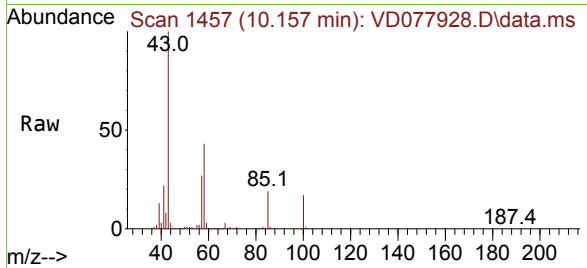




#51
4-Methyl-2-Pentanone
Concen: 258.172 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

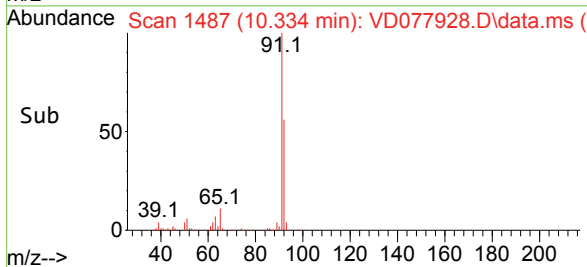
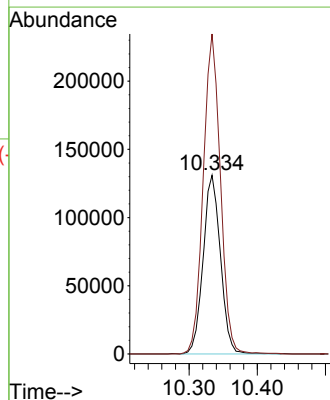
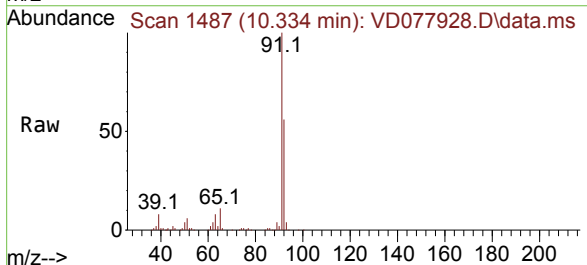
Instrument :
MSVOA_D
ClientSampleId :

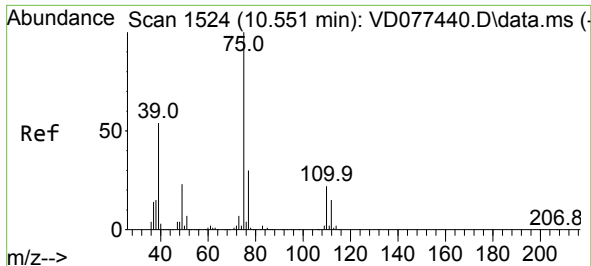
Tgt Ion: 43 Resp: 228960
Ion Ratio Lower Upper
43 100
58 43.3 38.9 58.3



#52
Toluene
Concen: 52.403 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Tgt Ion: 92 Resp: 231294
Ion Ratio Lower Upper
92 100
91 177.9 143.0 214.4





#53

t-1,3-Dichloropropene

Concen: 53.362 ug/l

RT: 10.551 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077928.D

Acq: 16 Dec 2023 10:49

Instrument :

MSVOA_D

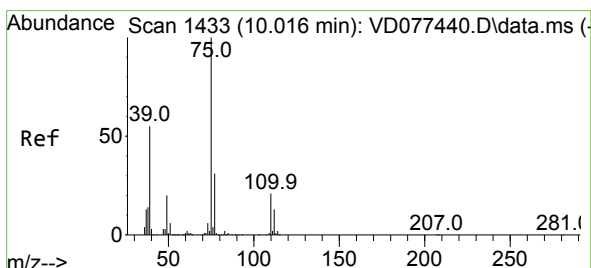
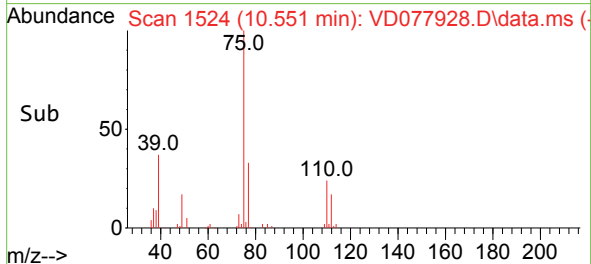
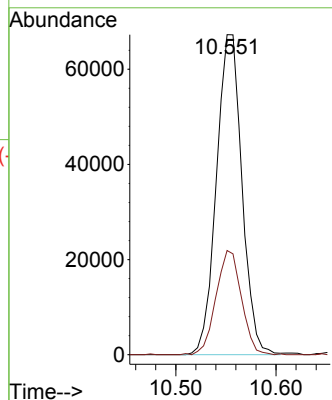
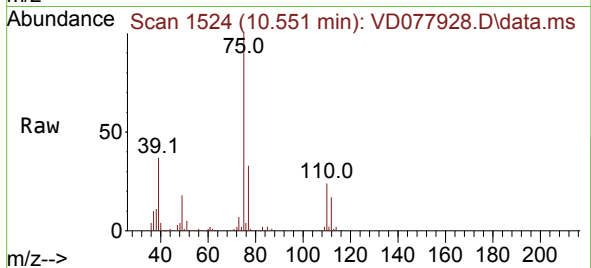
ClientSampleId :

Tgt Ion: 75 Resp: 118874

Ion Ratio Lower Upper

75 100

77 32.6 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 51.106 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD077928.D

Acq: 16 Dec 2023 10:49

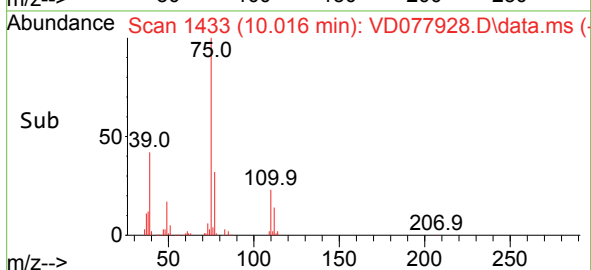
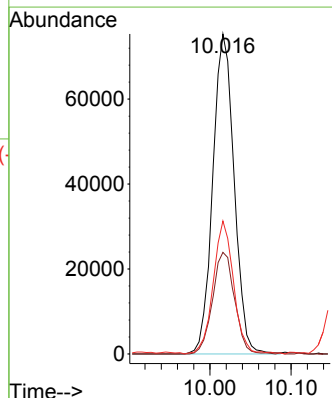
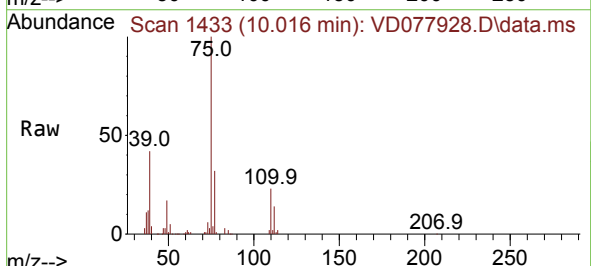
Tgt Ion: 75 Resp: 137647

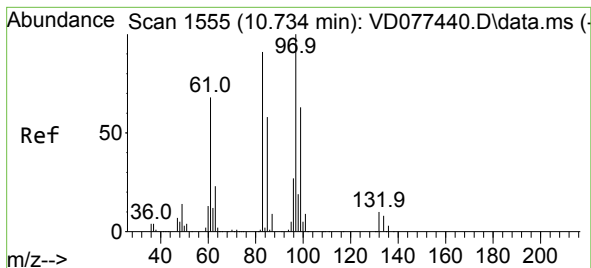
Ion Ratio Lower Upper

75 100

77 31.8 25.5 38.3

39 41.2 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 53.433 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

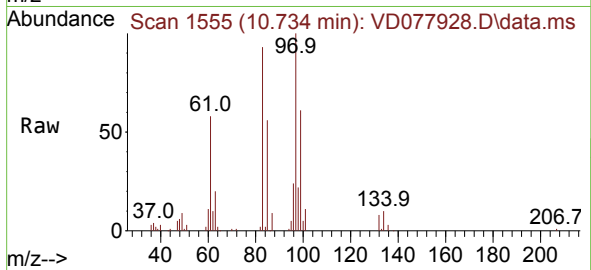
Lab File: VD077928.D

Acq: 16 Dec 2023 10:49

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 66892

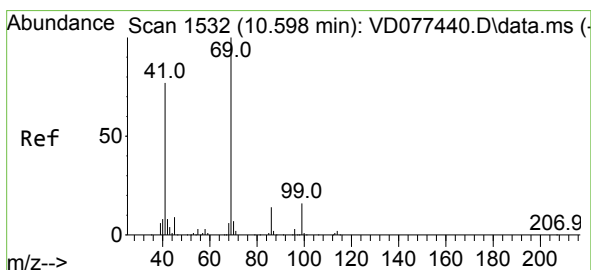
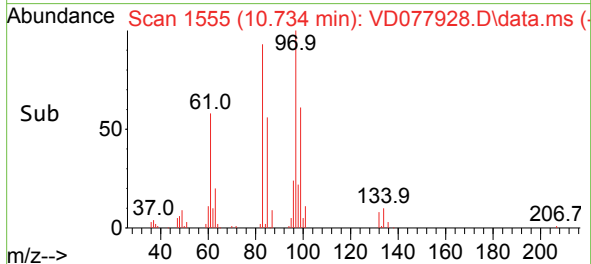
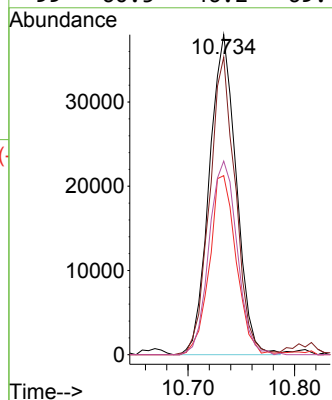
Ion Ratio Lower Upper

97 100

83 92.5 65.8 98.6

85 55.9 45.7 68.5

99 60.5 46.2 69.4



#56

Ethyl methacrylate

Concen: 54.448 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077928.D

Acq: 16 Dec 2023 10:49

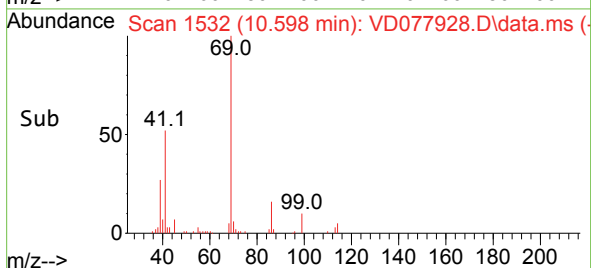
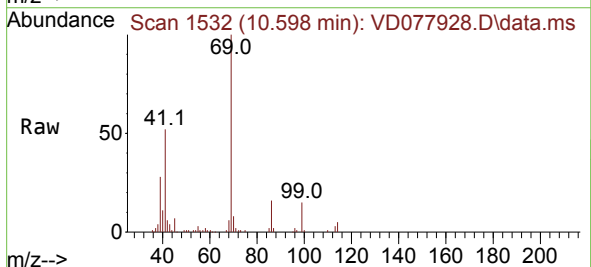
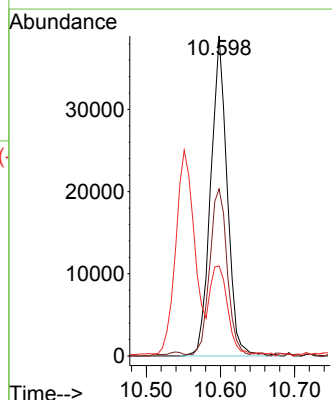
Tgt Ion: 69 Resp: 60087

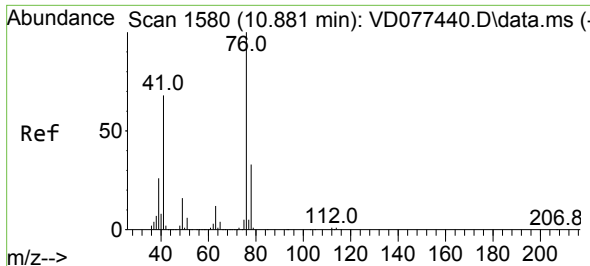
Ion Ratio Lower Upper

69 100

41 54.4 39.1 58.7

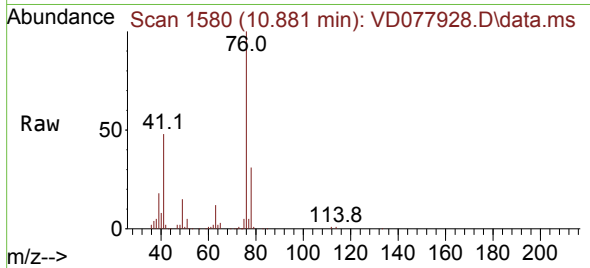
39 28.5 20.0 30.0



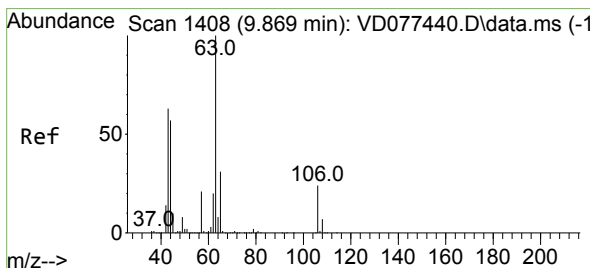
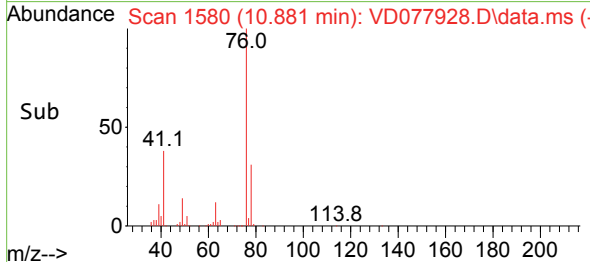
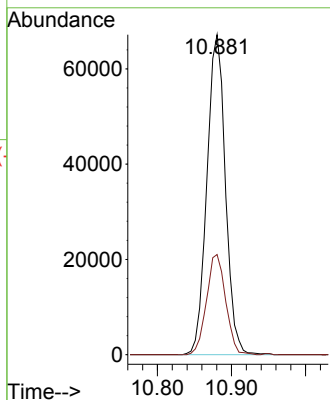


#57
1,3-Dichloropropane
Concen: 53.997 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Instrument :
MSVOA_D
ClientSampleId :

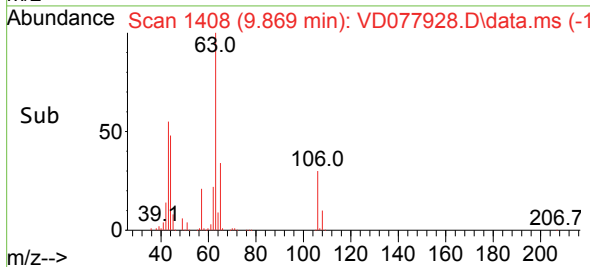
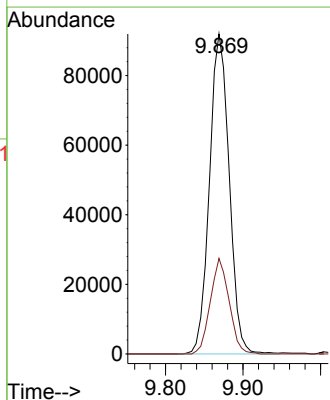
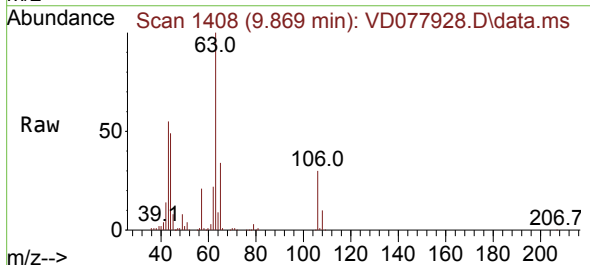


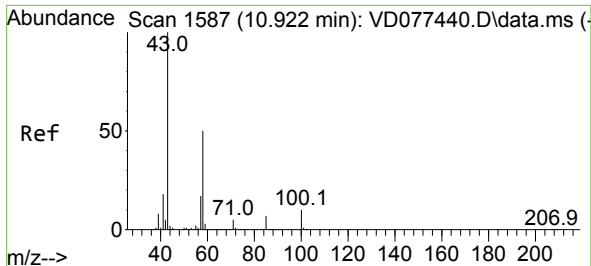
Tgt Ion: 76 Resp: 116520
Ion Ratio Lower Upper
76 100
78 32.4 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 258.459 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Tgt Ion: 63 Resp: 162659
Ion Ratio Lower Upper
63 100
106 28.4 25.3 37.9

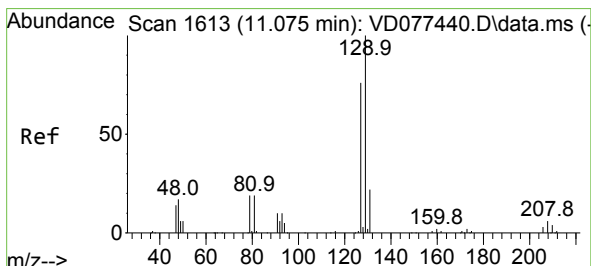
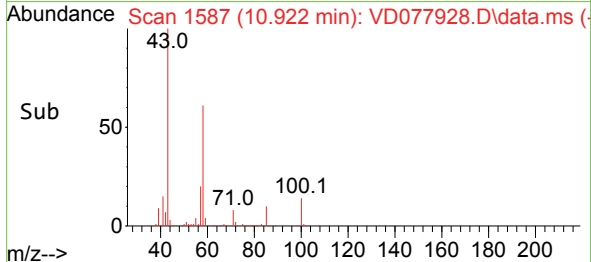
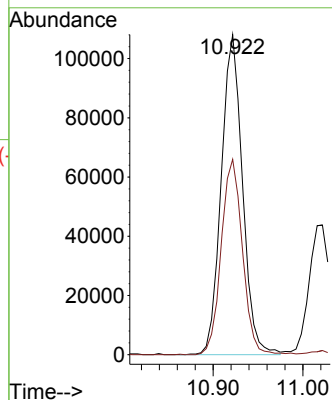
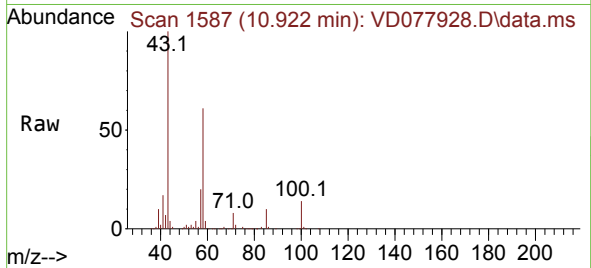




#59
2-Hexanone
Concen: 241.215 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

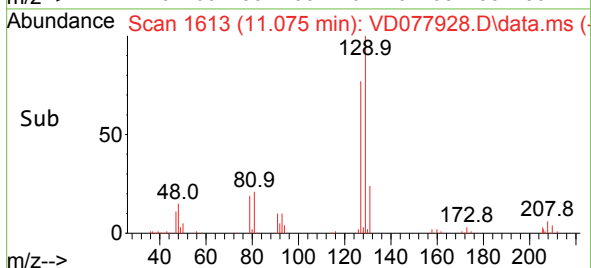
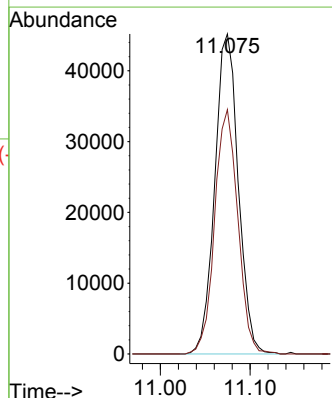
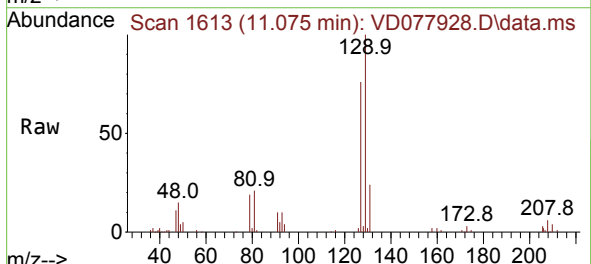
Instrument :
MSVOA_D
ClientSampleId :

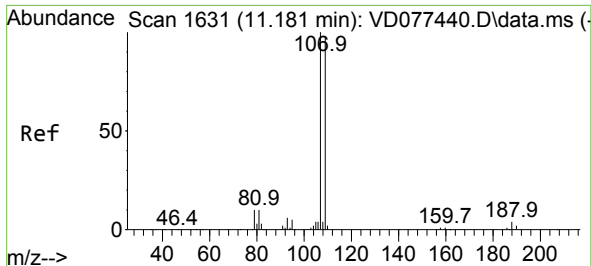
Tgt Ion: 43 Resp: 177479
Ion Ratio Lower Upper
43 100
58 61.1 34.1 102.2



#60
Dibromochloromethane
Concen: 54.578 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Tgt Ion:129 Resp: 82262
Ion Ratio Lower Upper
129 100
127 75.2 37.1 111.5

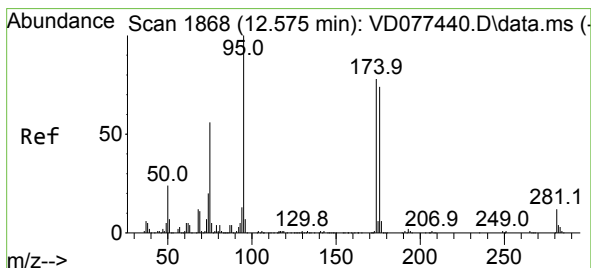
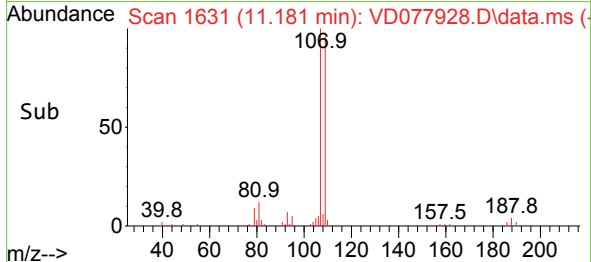
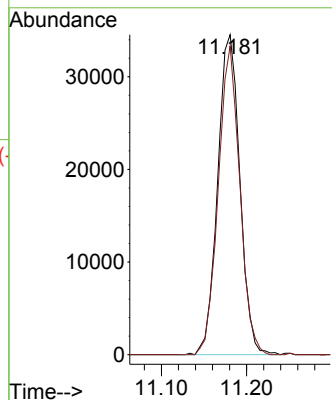
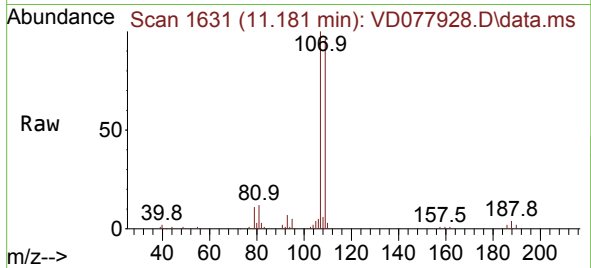




#61
1,2-Dibromoethane
Concen: 53.085 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

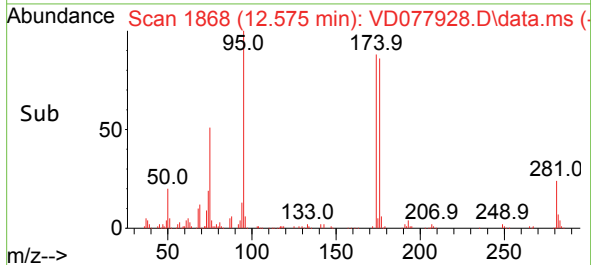
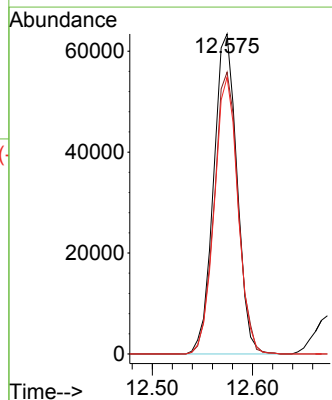
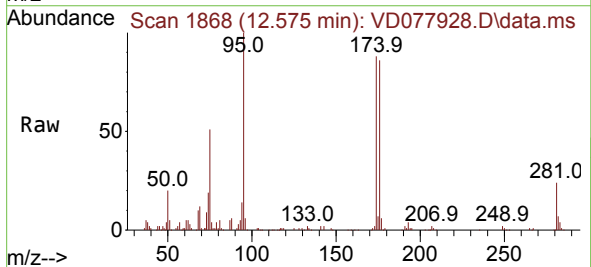
Instrument :
MSVOA_D
ClientSampleId :

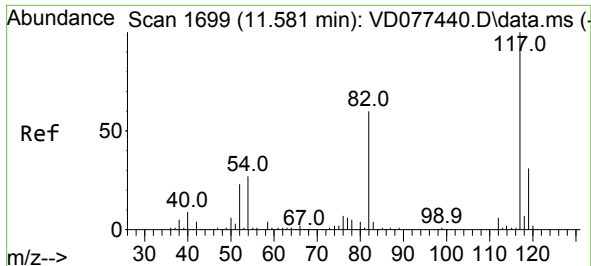
Tgt Ion:107 Resp: 62558
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.679 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Tgt Ion: 95 Resp: 102619
Ion Ratio Lower Upper
95 100
174 89.8 0.0 201.8
176 87.2 0.0 191.8

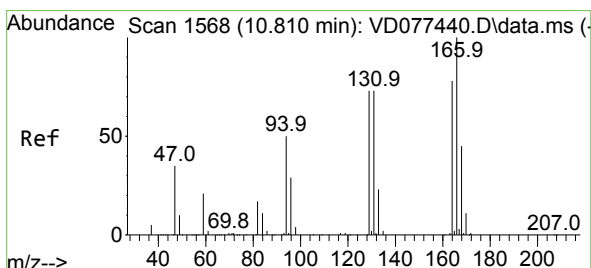
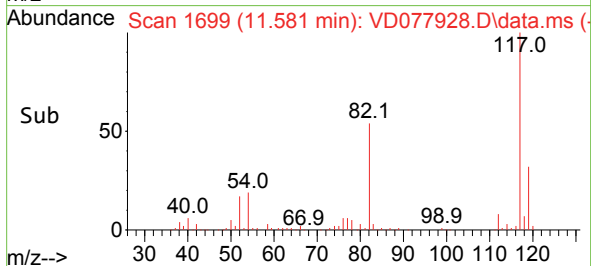
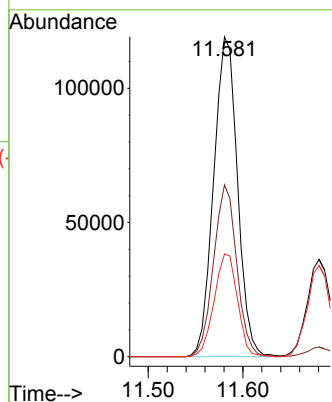
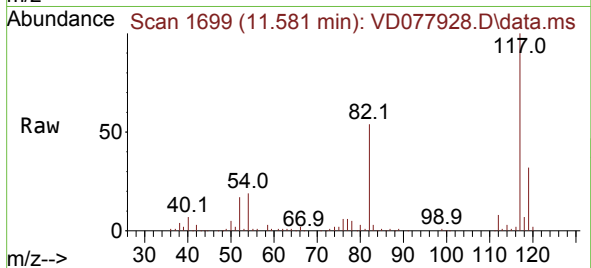




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

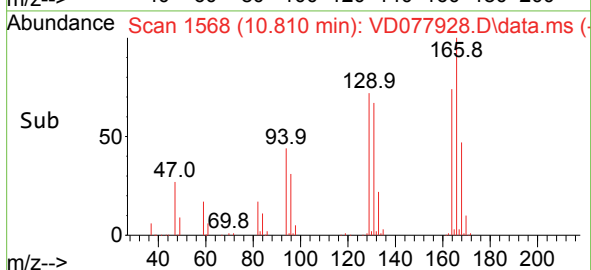
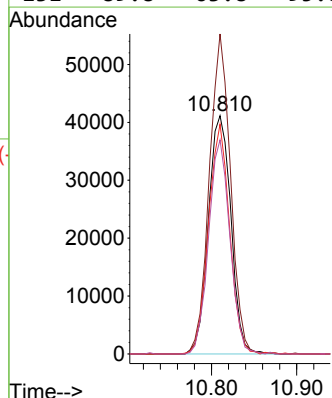
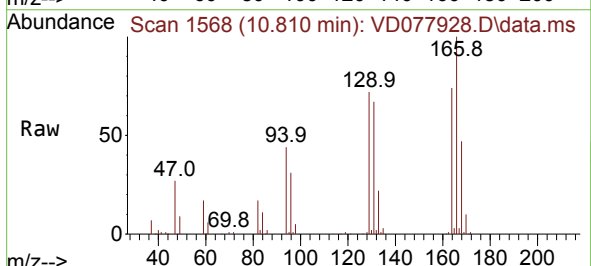
Instrument :
MSVOA_D
ClientSampleId :

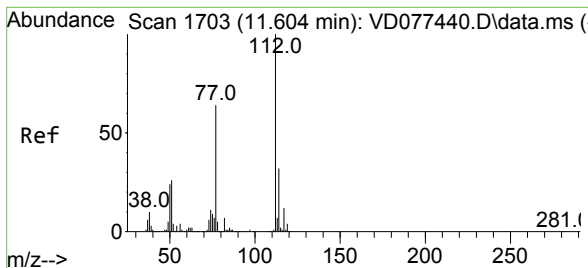
Tgt Ion:117 Resp: 208613
Ion Ratio Lower Upper
117 100
82 53.7 38.3 57.5
119 32.1 25.0 37.4



#64
Tetrachloroethene
Concen: 49.342 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Tgt Ion:164 Resp: 75656
Ion Ratio Lower Upper
164 100
166 134.3 99.2 148.8
129 96.4 68.4 102.6
131 89.8 63.8 95.8





#65

Chlorobenzene

Concen: 49.497 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD077928.D

Acq: 16 Dec 2023 10:49

Instrument :

MSVOA_D

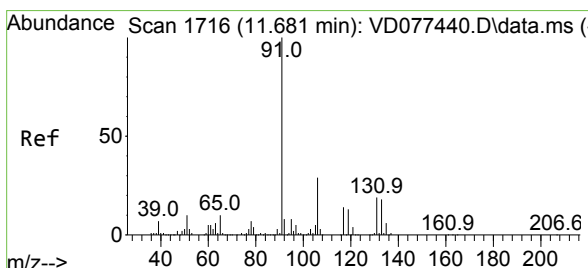
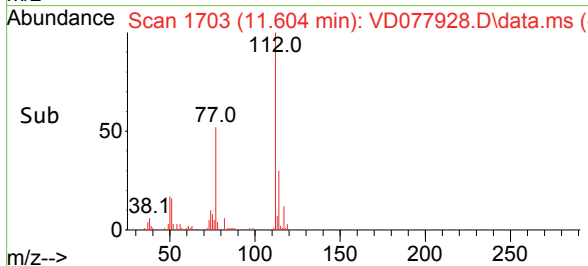
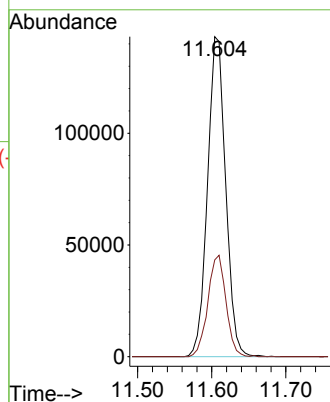
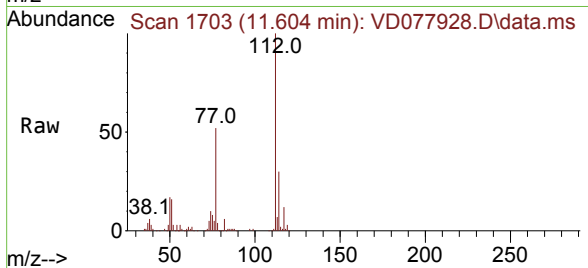
ClientSampleId :

Tgt Ion:112 Resp: 243503

Ion Ratio Lower Upper

112 100

114 30.3 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 52.178 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077928.D

Acq: 16 Dec 2023 10:49

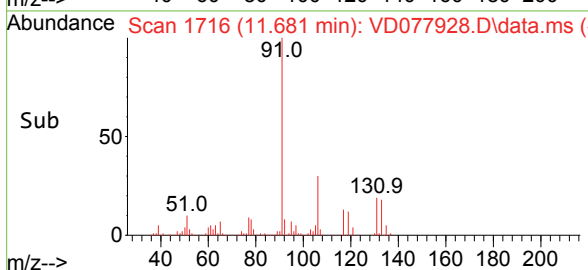
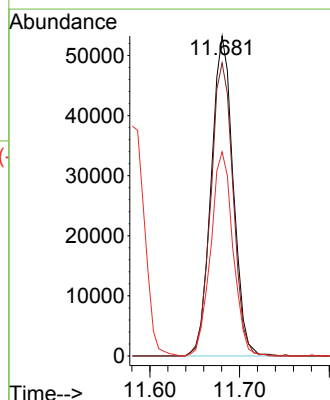
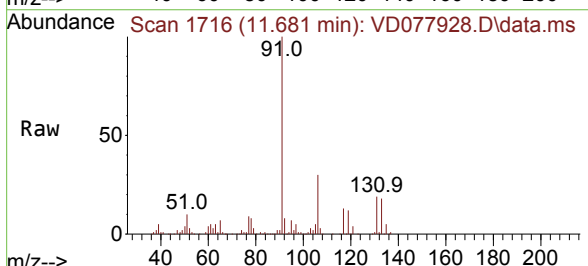
Tgt Ion:131 Resp: 90517

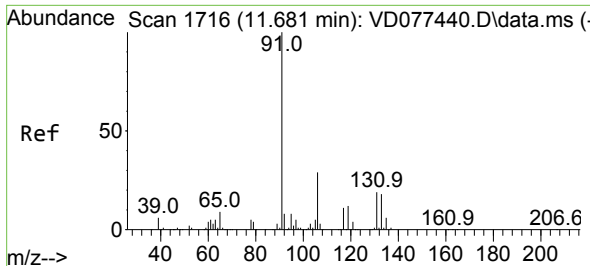
Ion Ratio Lower Upper

131 100

133 93.0 48.5 145.5

119 64.6 35.6 106.9

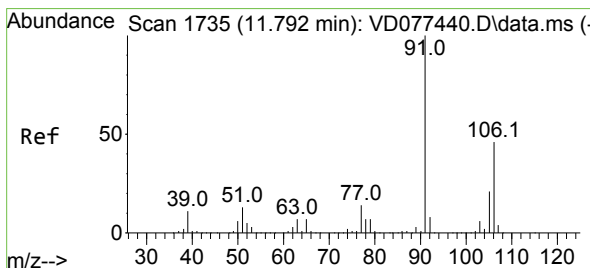
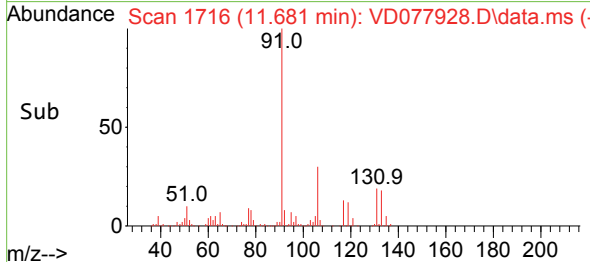
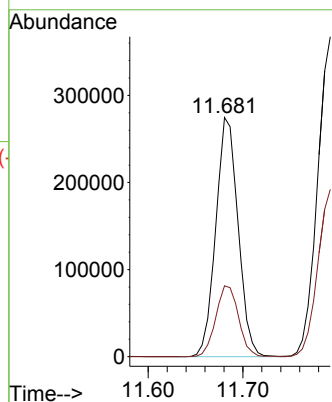
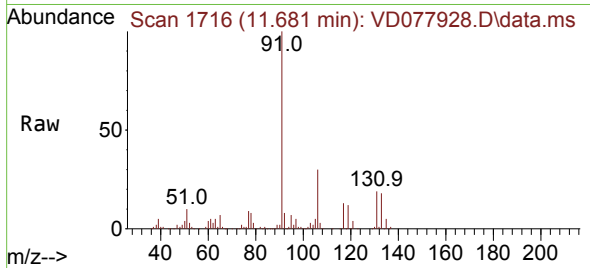




#67
Ethyl Benzene
Concen: 51.724 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

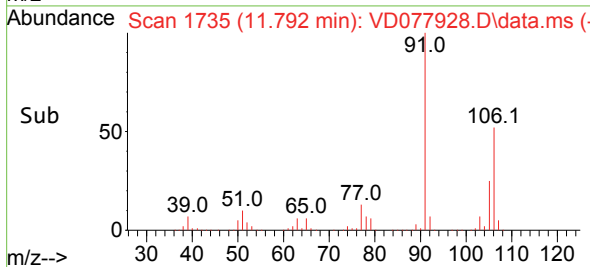
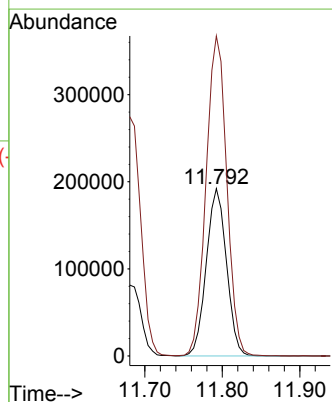
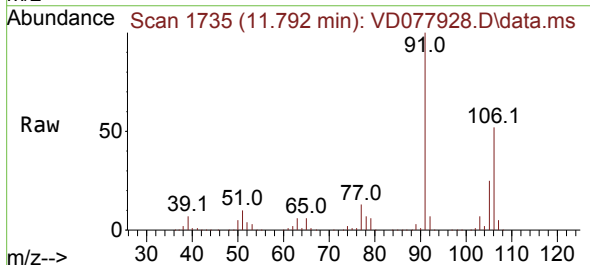
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 449236
Ion Ratio Lower Upper
91 100
106 29.6 26.5 39.7



#68
m/p-Xylenes
Concen: 104.857 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Tgt Ion:106 Resp: 348350
Ion Ratio Lower Upper
106 100
91 195.5 147.0 220.6

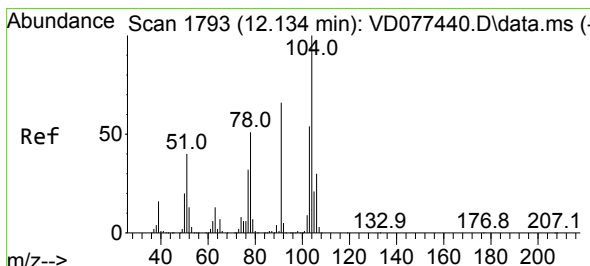
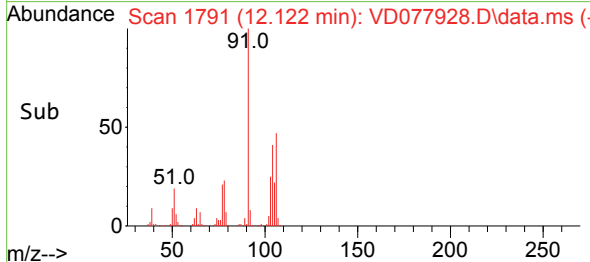
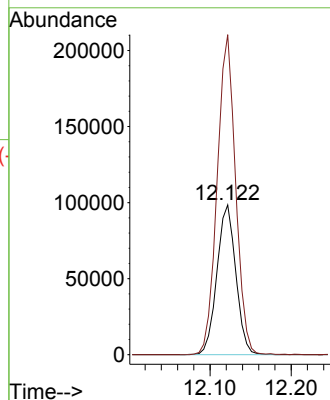
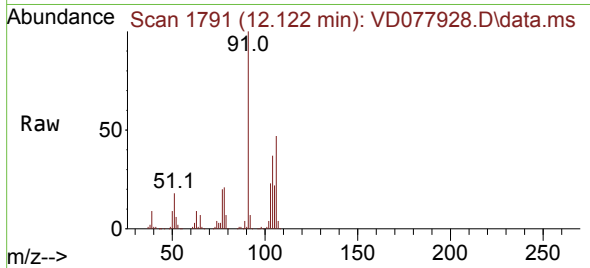




#69
o-Xylene
Concen: 51.996 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

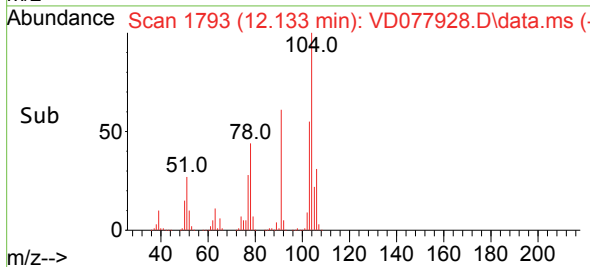
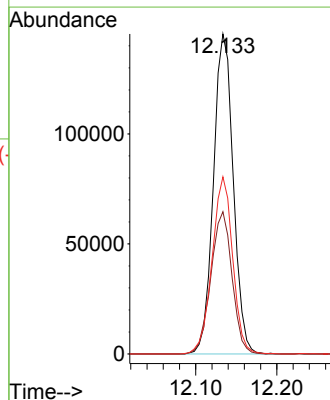
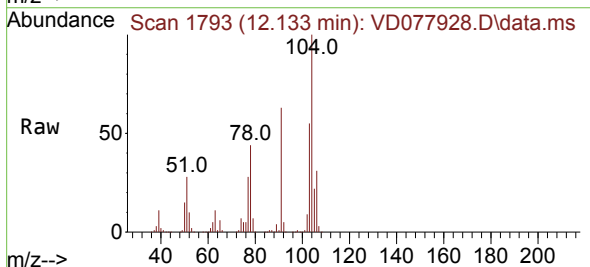
Instrument :
MSVOA_D
ClientSampleId :

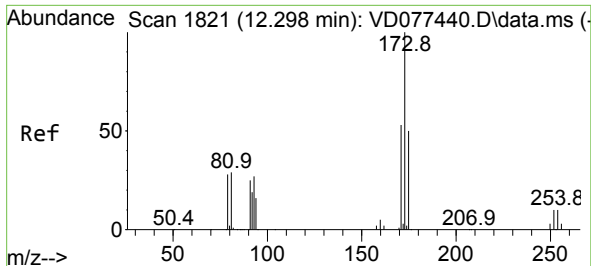
Tgt Ion:106 Resp: 159199
Ion Ratio Lower Upper
106 100
91 209.0 97.9 293.6



#70
Styrene
Concen: 54.200 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.001 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Tgt Ion:104 Resp: 246756
Ion Ratio Lower Upper
104 100
78 47.5 33.2 49.8
103 57.6 43.6 65.4

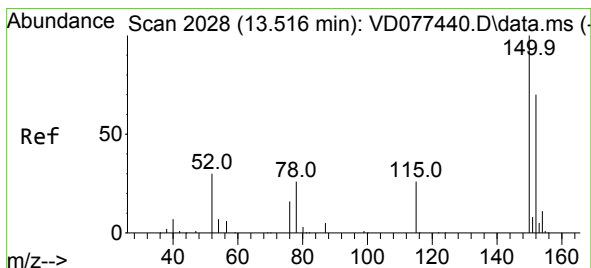
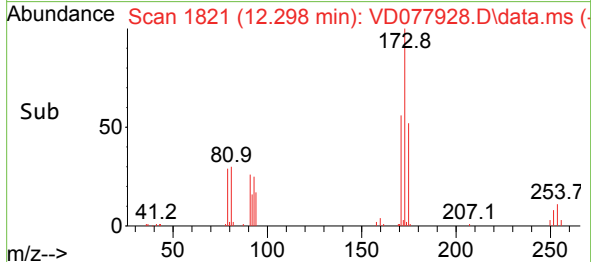
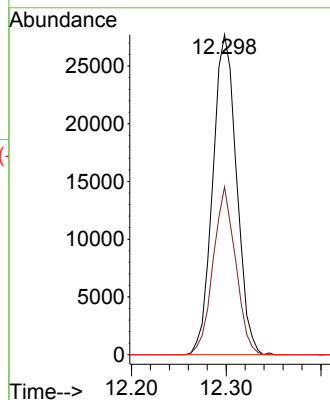
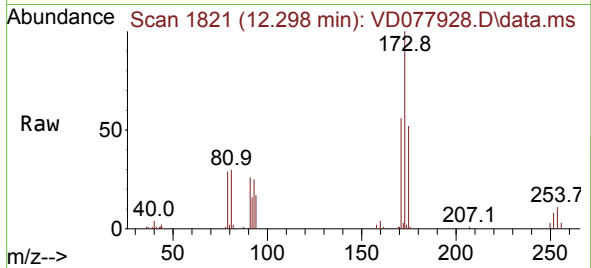




#71
Bromoform
Concen: 53.312 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

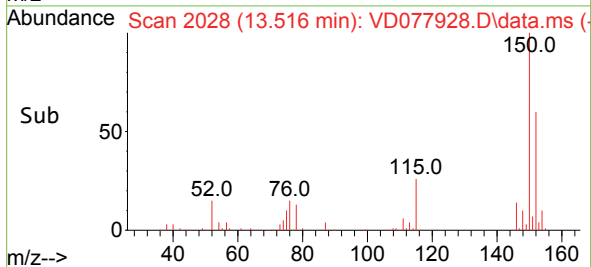
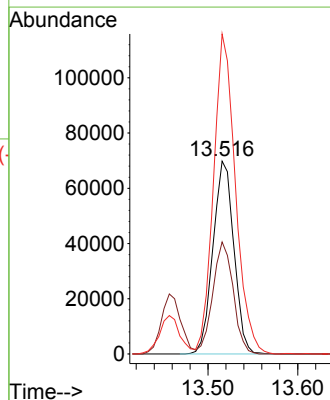
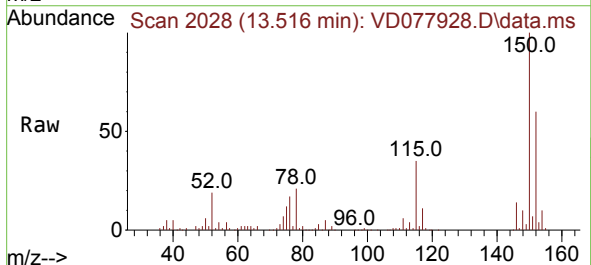
Instrument :
MSVOA_D
ClientSampleId :

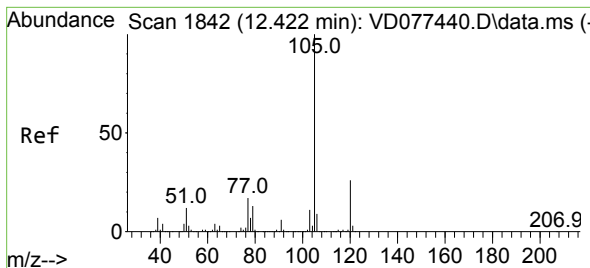
Tgt Ion:173 Resp: 48323
Ion Ratio Lower Upper
173 100
175 49.7 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Tgt Ion:152 Resp: 112978
Ion Ratio Lower Upper
152 100
115 56.5 27.1 81.3
150 173.9 0.0 353.6





#73

Isopropylbenzene

Concen: 49.861 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD077928.D

Acq: 16 Dec 2023 10:49

Instrument :

MSVOA_D

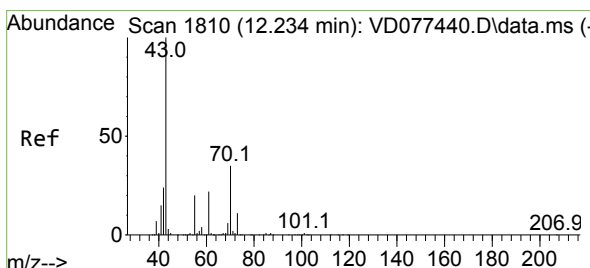
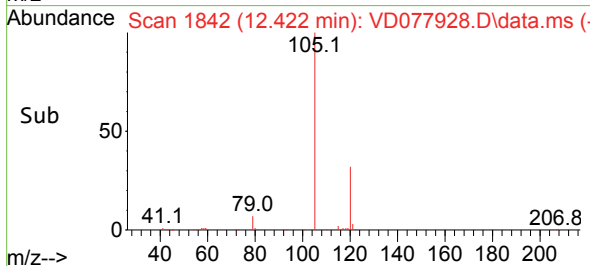
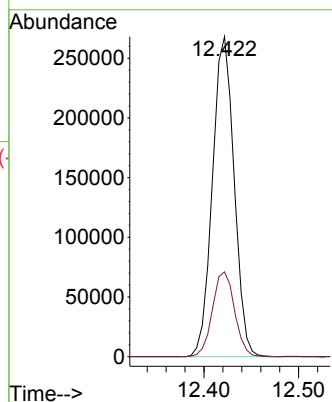
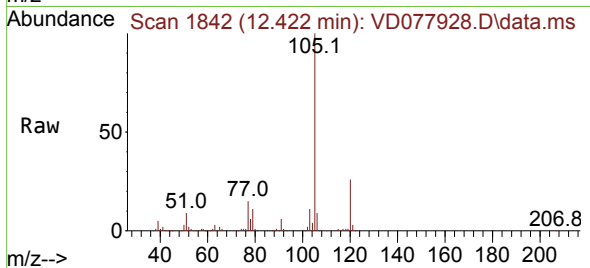
ClientSampleId :

Tgt Ion:105 Resp: 426946

Ion Ratio Lower Upper

105 100

120 27.1 14.3 42.9



#74

N-ethyl acetate

Concen: 45.667 ug/l

RT: 12.233 min Scan# 1810

Delta R.T. -0.001 min

Lab File: VD077928.D

Acq: 16 Dec 2023 10:49

Tgt Ion: 43 Resp: 76866

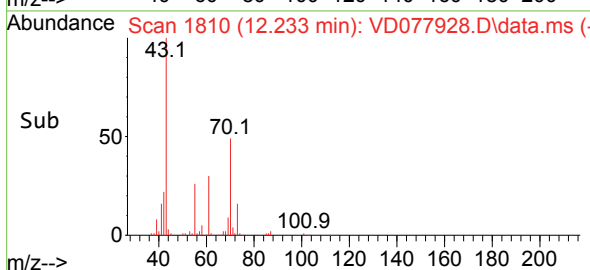
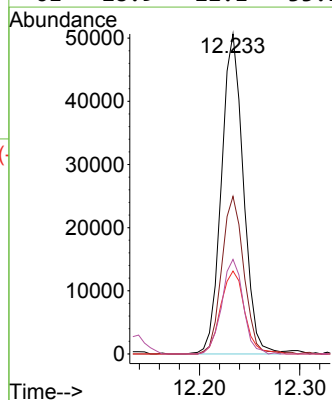
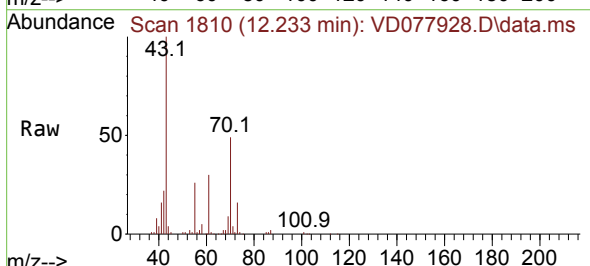
Ion Ratio Lower Upper

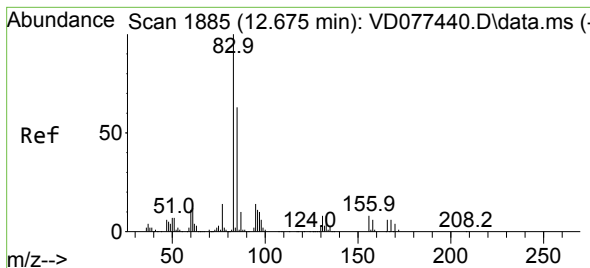
43 100

70 49.8 45.0 67.4

55 28.2 23.8 35.6

61 28.9 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.598 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD077928.D

Acq: 16 Dec 2023 10:49

Instrument :

MSVOA_D

ClientSampleId :

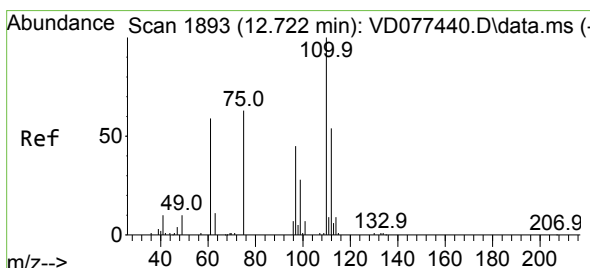
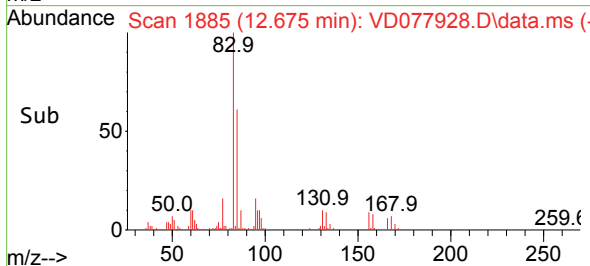
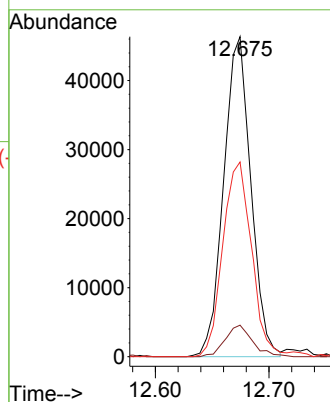
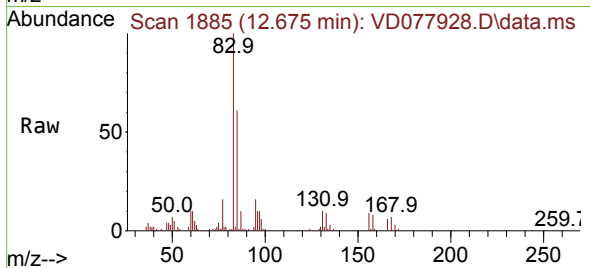
Tgt Ion: 83 Resp: 77037

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.3

85 65.1 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 100.947 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD077928.D

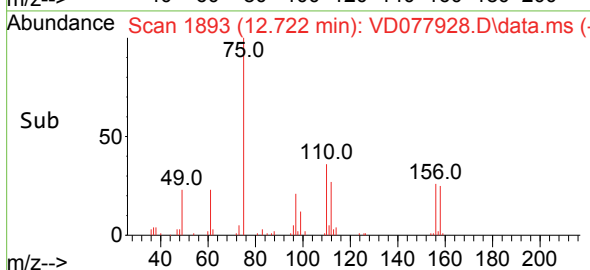
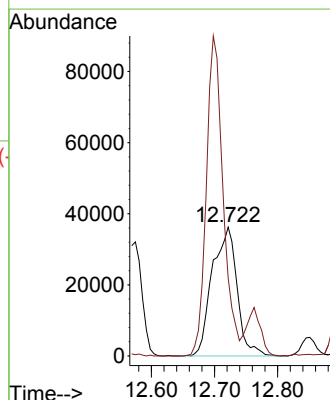
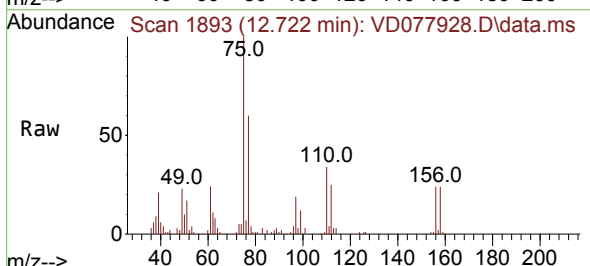
Acq: 16 Dec 2023 10:49

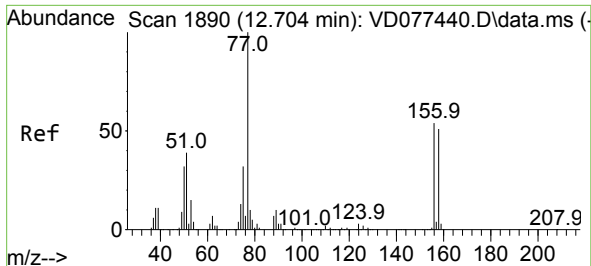
Tgt Ion: 75 Resp: 99051

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

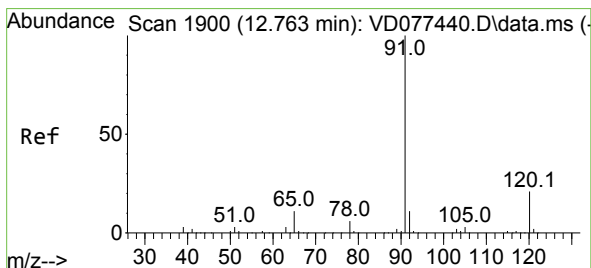
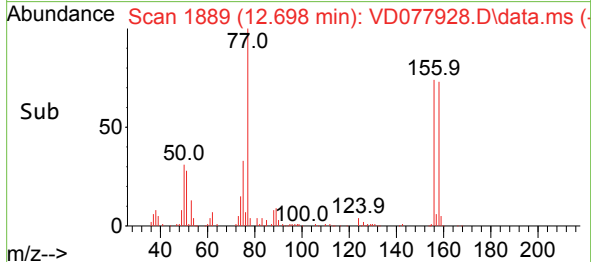
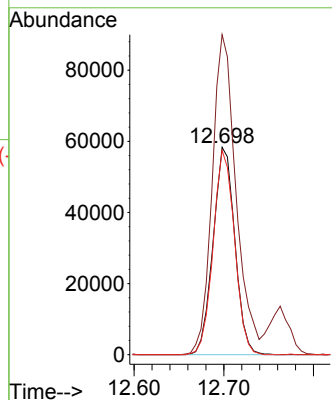
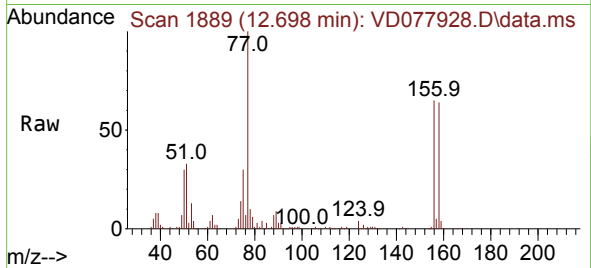




#77
Bromobenzene
Concen: 48.712 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

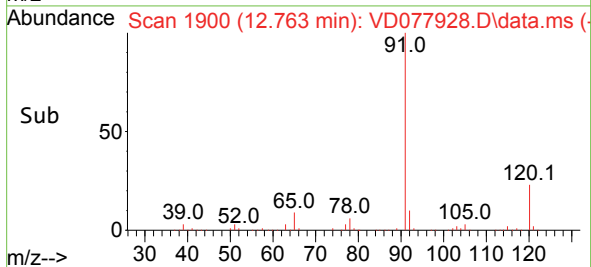
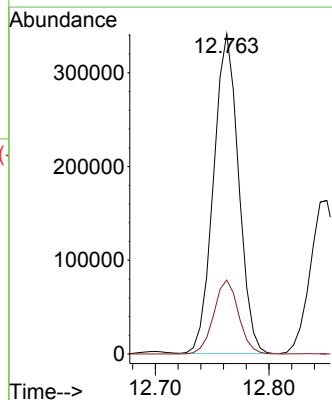
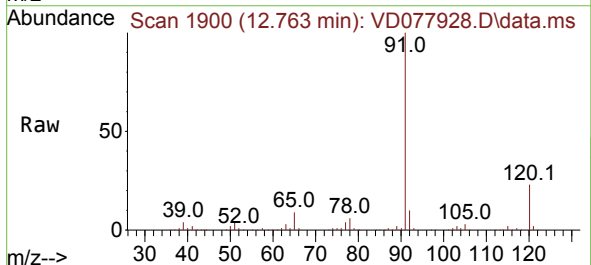
Instrument :
MSVOA_D
ClientSampleId :

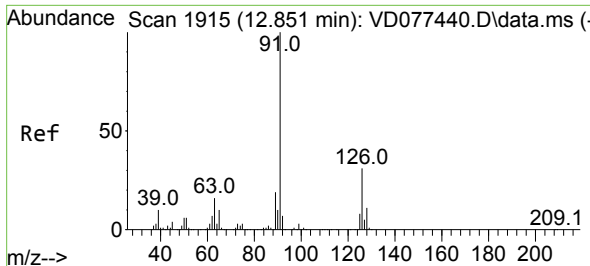
Tgt Ion:156 Resp: 98110
Ion Ratio Lower Upper
156 100
77 169.1 76.8 230.4
158 96.9 48.6 145.9



#78
n-propylbenzene
Concen: 50.143 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Tgt Ion: 91 Resp: 523187
Ion Ratio Lower Upper
91 100
120 22.8 12.4 37.2

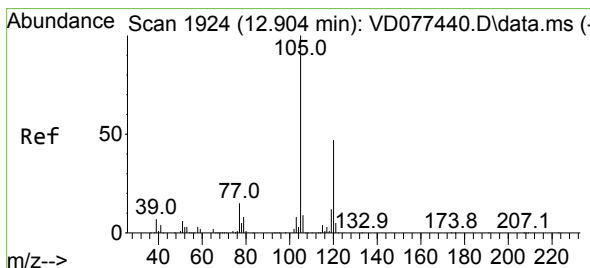
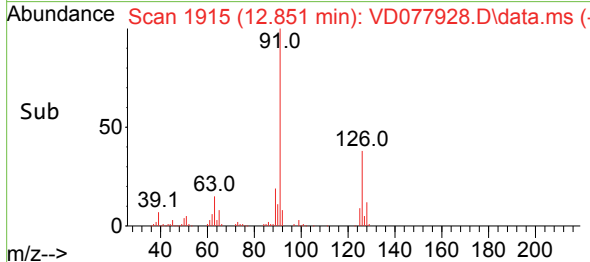
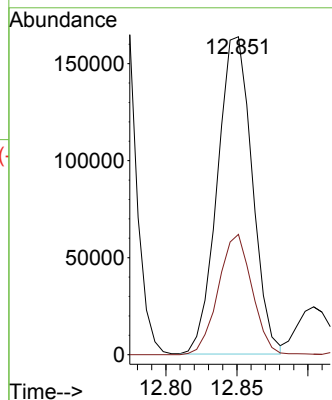
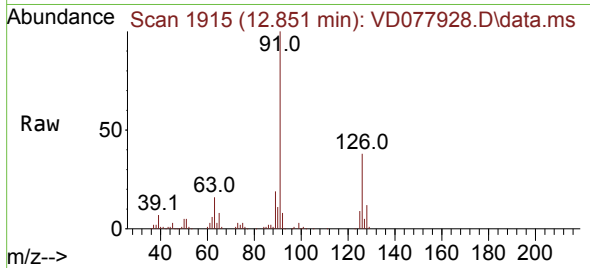




#79
2-Chlorotoluene
Concen: 49.899 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

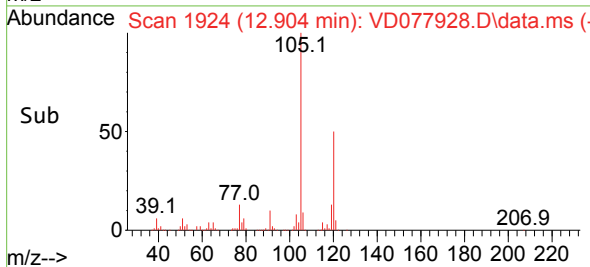
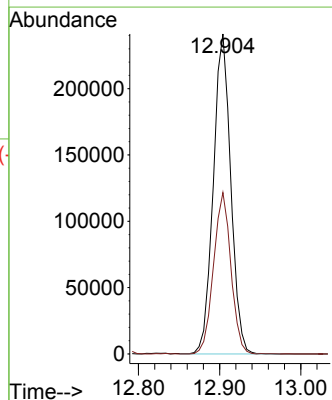
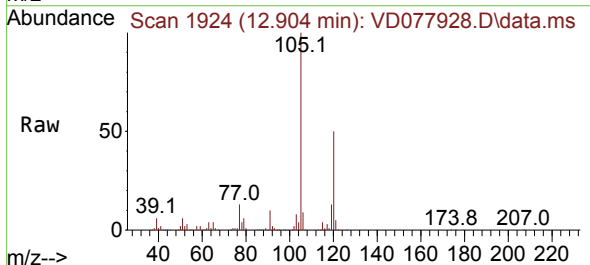
Instrument :
MSVOA_D
ClientSampleId :

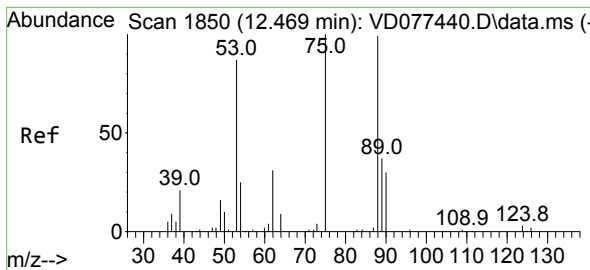
Tgt Ion: 91 Resp: 279020
Ion Ratio Lower Upper
91 100
126 36.8 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 50.459 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Tgt Ion: 105 Resp: 360360
Ion Ratio Lower Upper
105 100
120 50.1 26.4 79.2

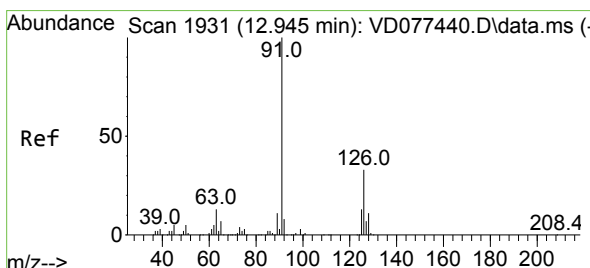
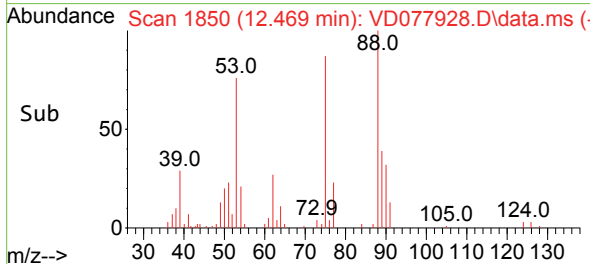
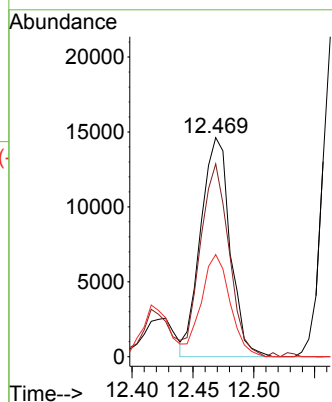
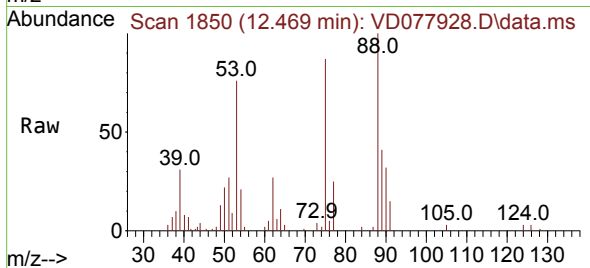




#81
trans-1,4-Dichloro-2-butene
Concen: 50.868 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

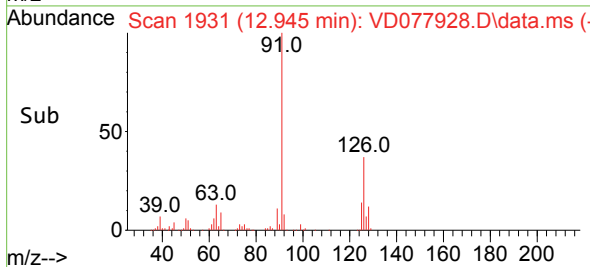
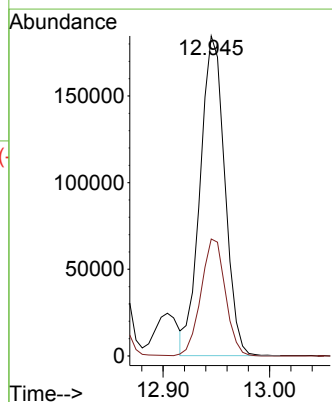
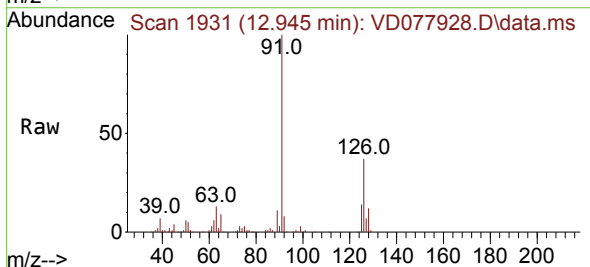
Instrument :
MSVOA_D
ClientSampleId :

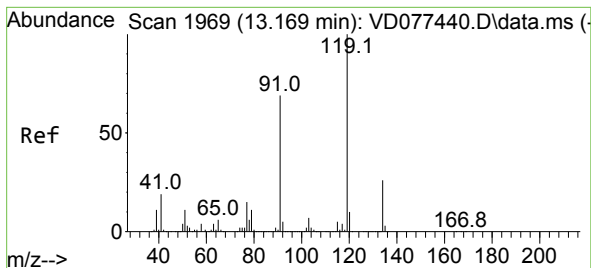
Tgt Ion: 75 Resp: 24635
Ion Ratio Lower Upper
75 100
53 85.5 63.0 94.4
89 46.0 37.9 56.9



#82
4-Chlorotoluene
Concen: 50.736 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Tgt Ion: 91 Resp: 296584
Ion Ratio Lower Upper
91 100
126 36.3 19.4 58.4





#83

tert-Butylbenzene

Concen: 52.478 ug/l

RT: 13.163 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD077928.D

Acq: 16 Dec 2023 10:49

Instrument :

MSVOA_D

ClientSampleId :

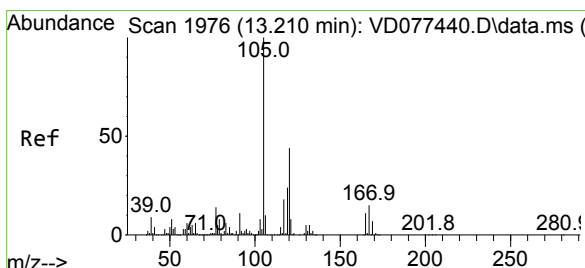
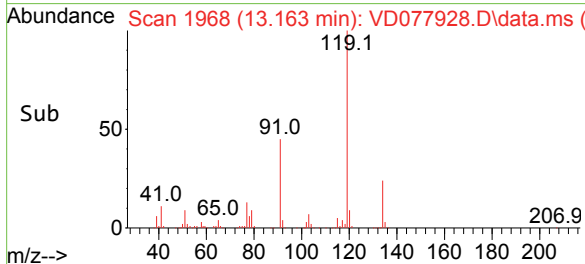
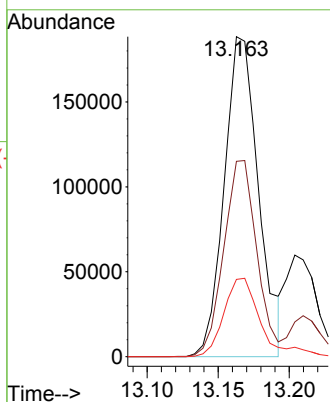
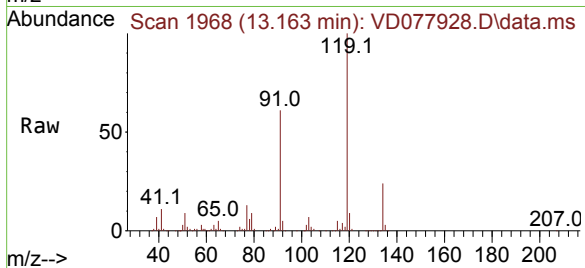
Tgt Ion:119 Resp: 316399

Ion Ratio Lower Upper

119 100

91 59.2 29.3 87.8

134 26.4 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 51.353 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD077928.D

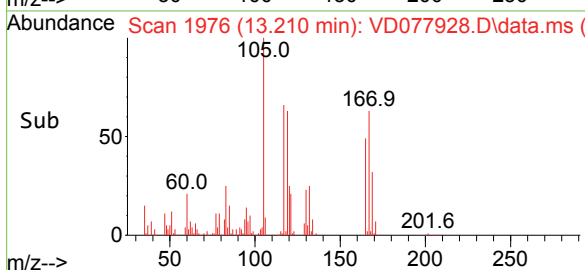
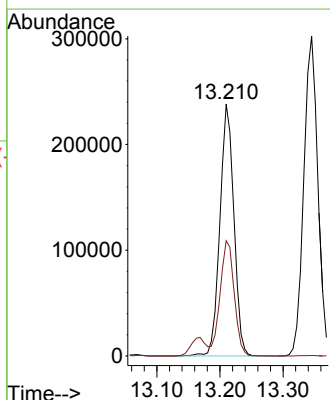
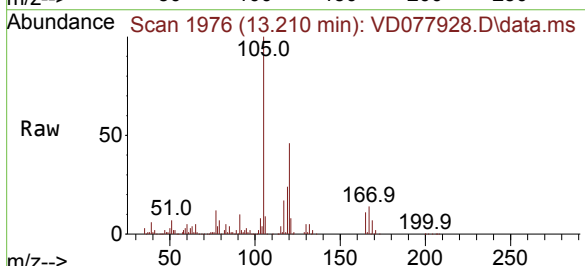
Acq: 16 Dec 2023 10:49

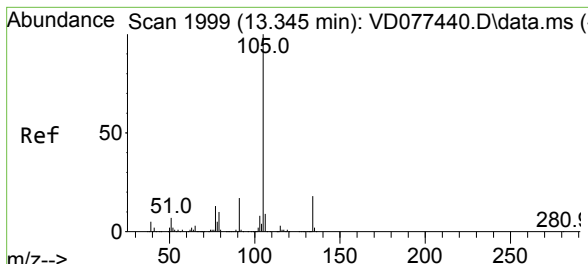
Tgt Ion:105 Resp: 366817

Ion Ratio Lower Upper

105 100

120 46.5 24.3 72.9

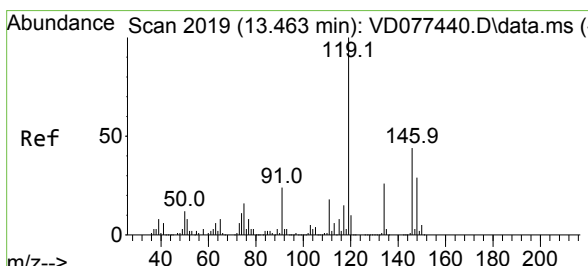
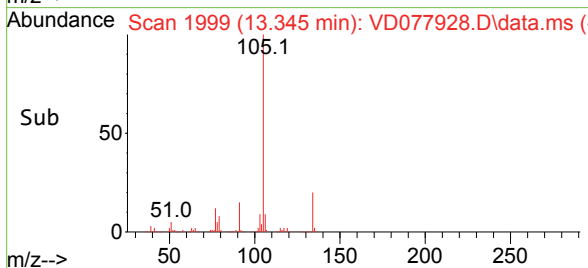
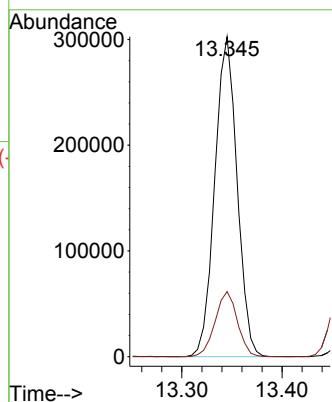
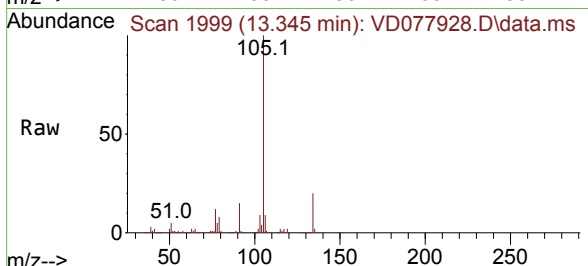




#85
 sec-Butylbenzene
 Concen: 52.387 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077928.D
 Acq: 16 Dec 2023 10:49

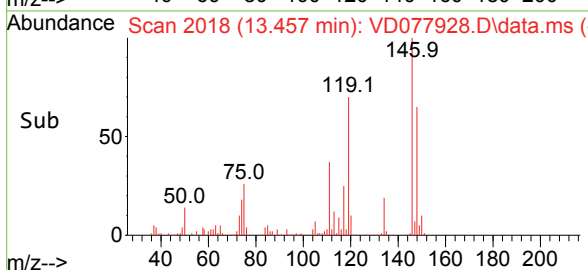
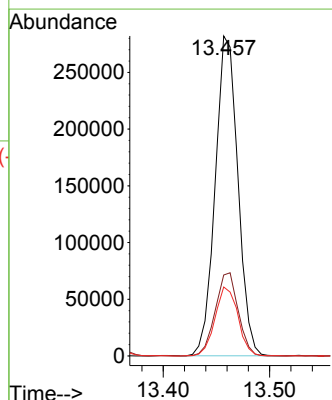
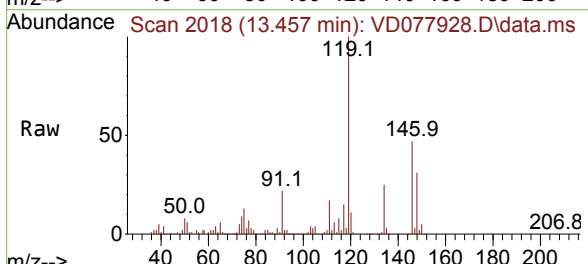
Instrument :
 MSVOA_D
 ClientSampleId :

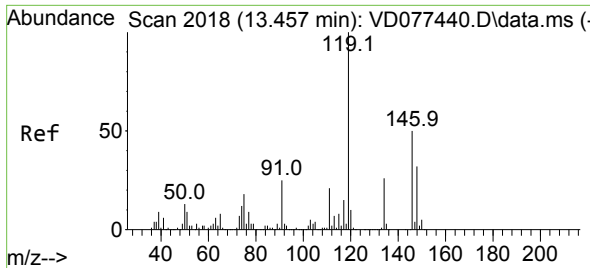
Tgt Ion:105 Resp: 466880
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 52.263 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD077928.D
 Acq: 16 Dec 2023 10:49

Tgt Ion:119 Resp: 417019
 Ion Ratio Lower Upper
 119 100
 134 26.3 14.2 42.6
 91 21.9 10.5 31.5

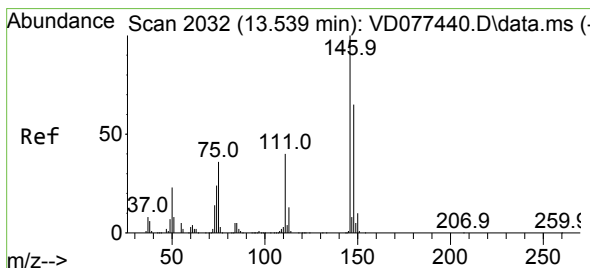
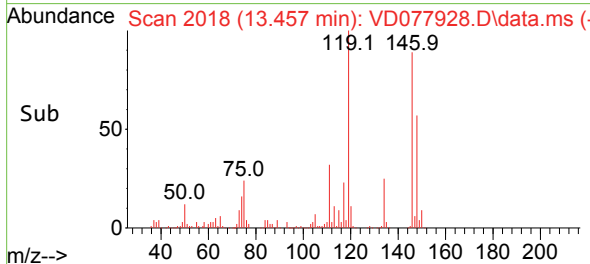
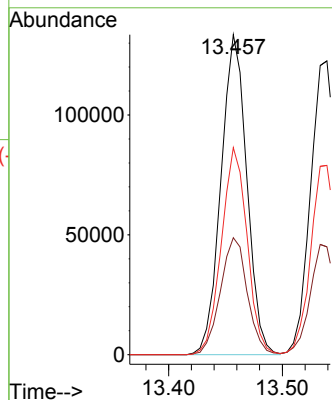
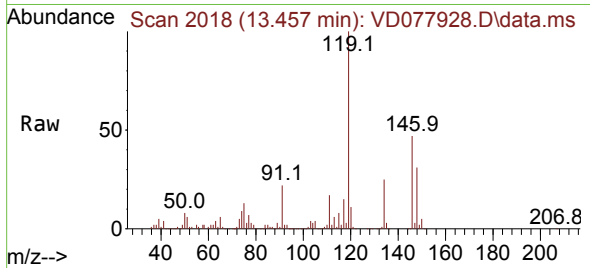




#87
1,3-Dichlorobenzene
Concen: 51.243 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

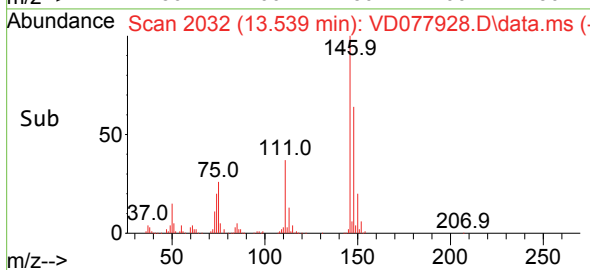
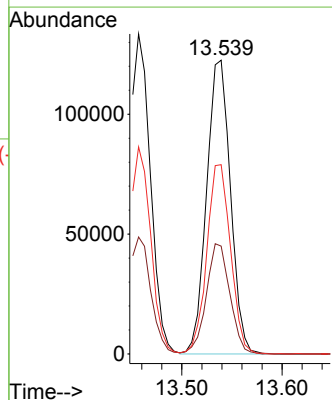
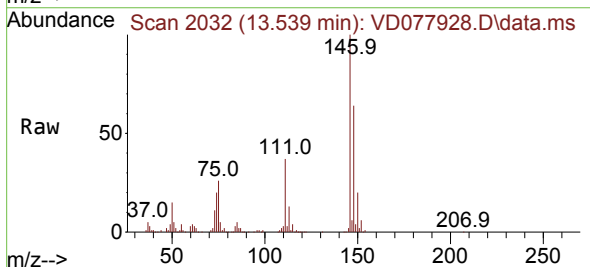
Instrument :
MSVOA_D
ClientSampleId :

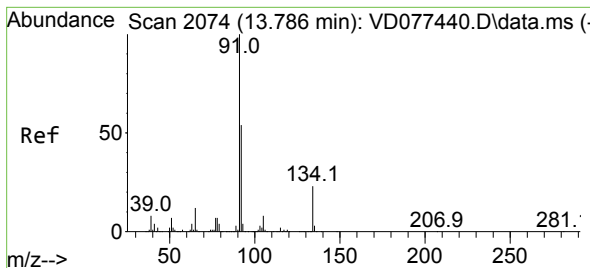
Tgt Ion:146 Resp: 211057
Ion Ratio Lower Upper
146 100
111 38.2 17.9 53.8
148 64.5 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 49.332 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Tgt Ion:146 Resp: 202894
Ion Ratio Lower Upper
146 100
111 37.1 17.4 52.3
148 64.3 31.7 95.1





#89

n-Butylbenzene

Concen: 52.389 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

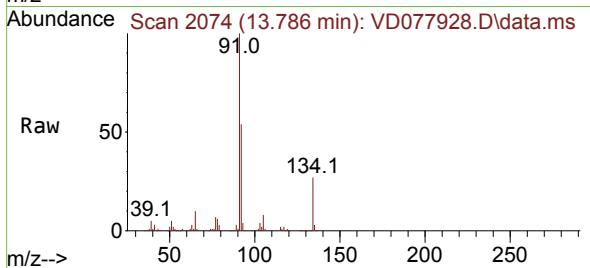
Lab File: VD077928.D

Acq: 16 Dec 2023 10:49

Instrument :

MSVOA_D

ClientSampleId :



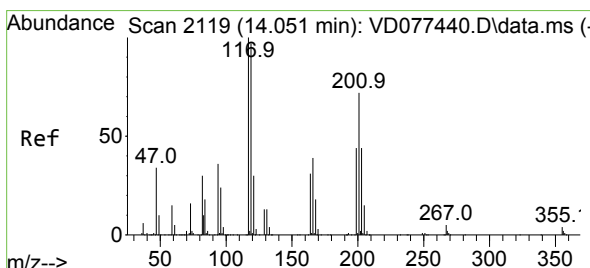
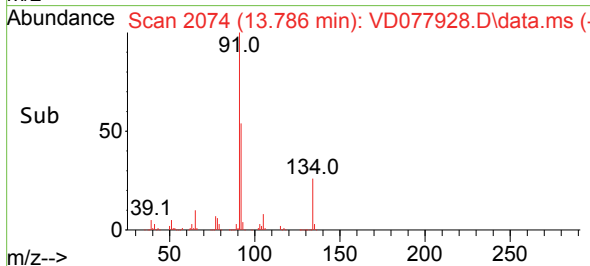
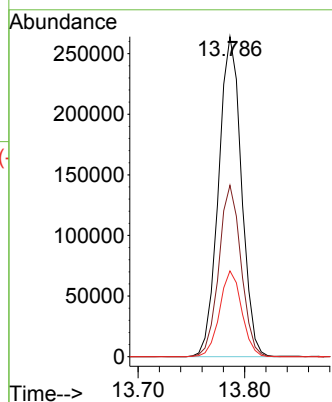
Tgt Ion: 91 Resp: 393342

Ion Ratio Lower Upper

91 100

92 52.0 26.5 79.5

134 25.9 13.8 41.3



#90

Hexachloroethane

Concen: 53.700 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD077928.D

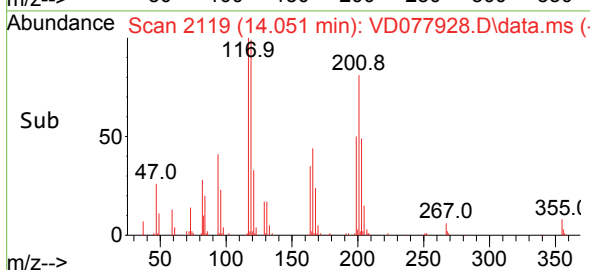
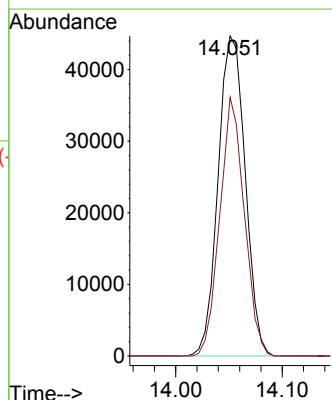
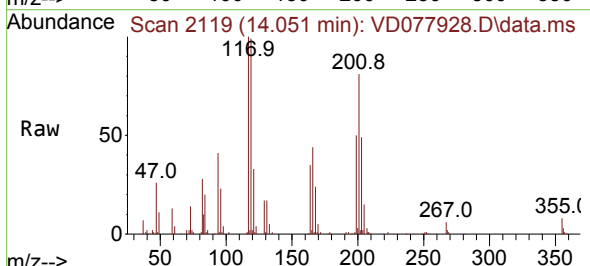
Acq: 16 Dec 2023 10:49

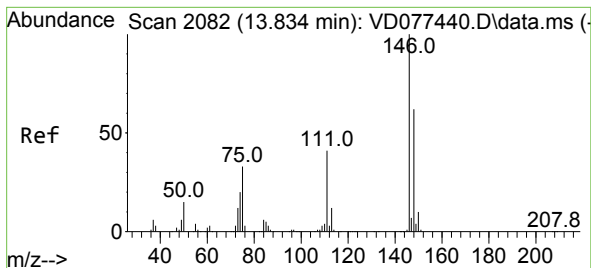
Tgt Ion: 117 Resp: 78801

Ion Ratio Lower Upper

117 100

201 73.5 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 50.815 ug/l

RT: 13.827 min Scan# 2082

Delta R.T. -0.007 min

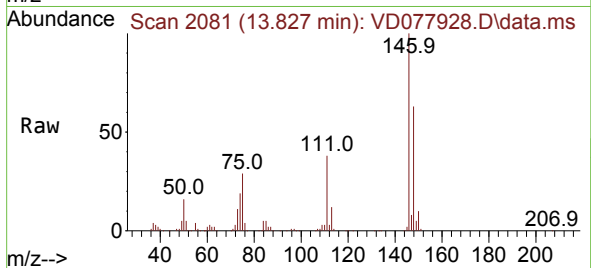
Lab File: VD077928.D

Acq: 16 Dec 2023 10:49

Instrument :

MSVOA_D

ClientSampleId :



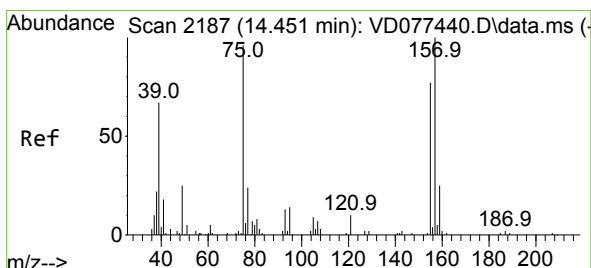
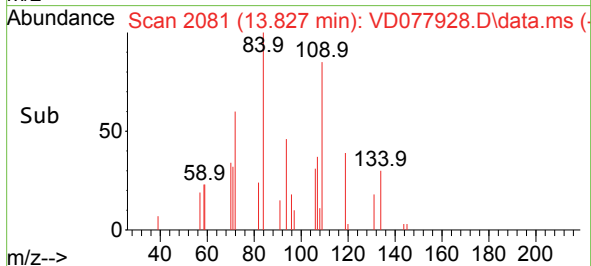
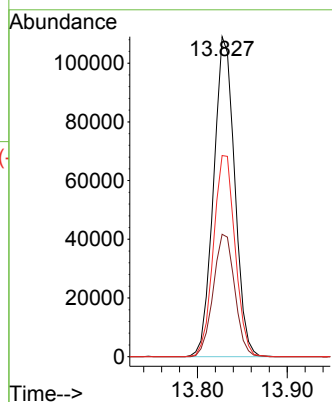
Tgt Ion:146 Resp: 178000

Ion Ratio Lower Upper

146 100

111 39.1 18.3 54.8

148 64.7 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.770 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD077928.D

Acq: 16 Dec 2023 10:49

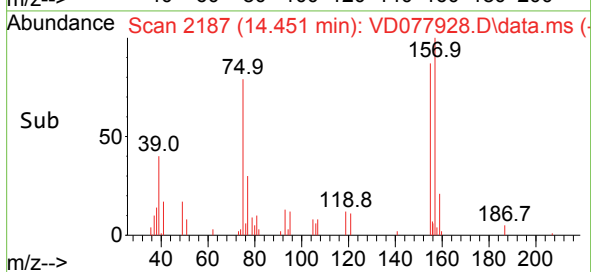
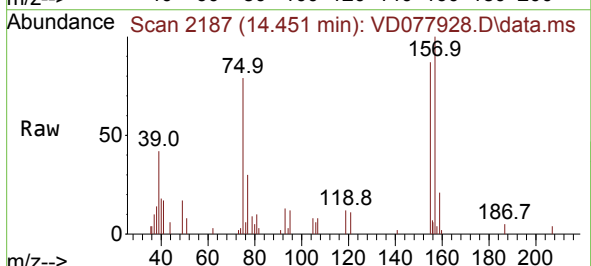
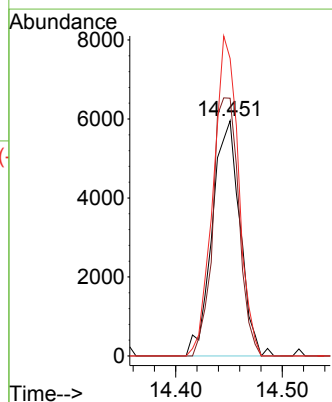
Tgt Ion: 75 Resp: 10765

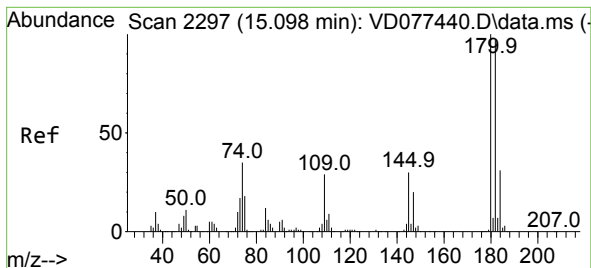
Ion Ratio Lower Upper

75 100

155 102.7 47.9 143.8

157 123.6 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 47.919 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

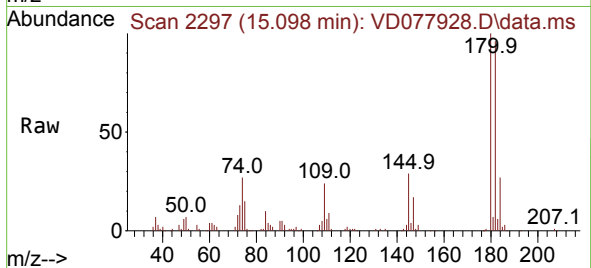
Lab File: VD077928.D

Acq: 16 Dec 2023 10:49

Instrument :

MSVOA_D

ClientSampleId :



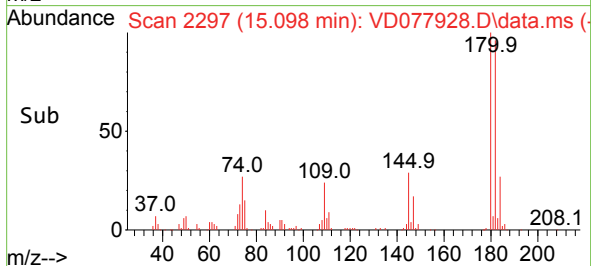
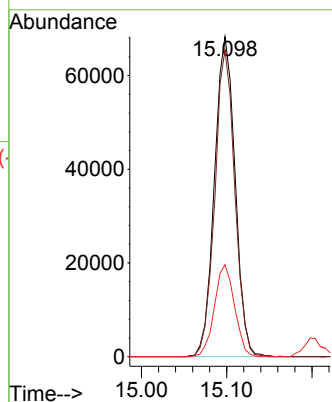
Tgt Ion:180 Resp: 114654

Ion Ratio Lower Upper

180 100

182 92.7 48.5 145.6

145 28.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 47.960 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD077928.D

Acq: 16 Dec 2023 10:49

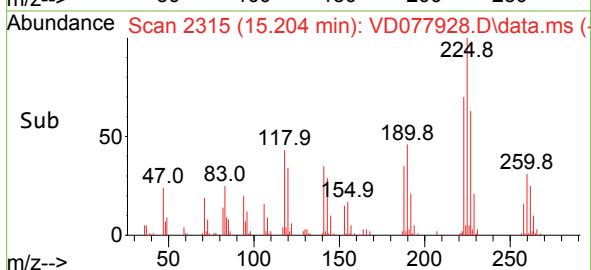
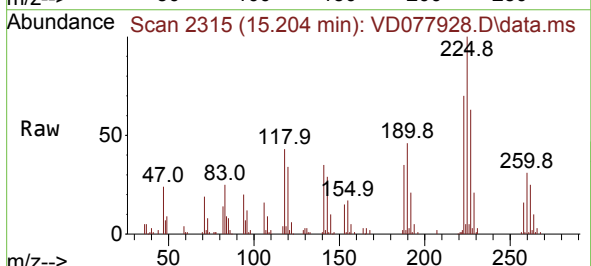
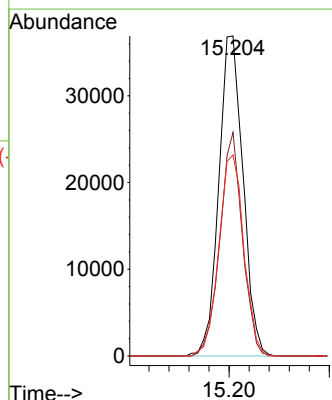
Tgt Ion:225 Resp: 61880

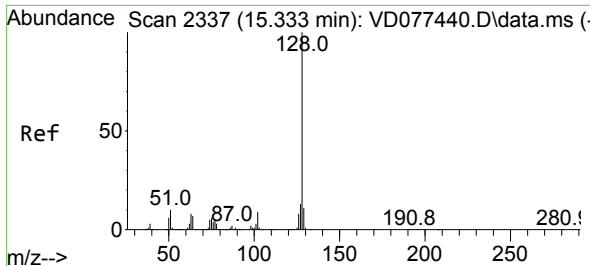
Ion Ratio Lower Upper

225 100

223 64.7 31.6 94.8

227 64.7 31.7 95.1

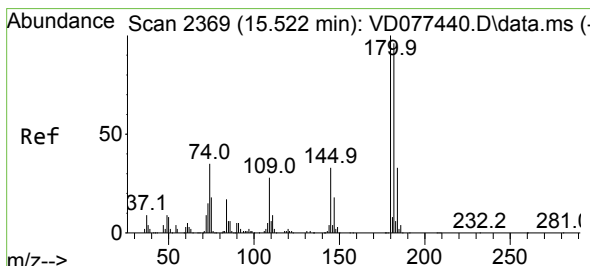
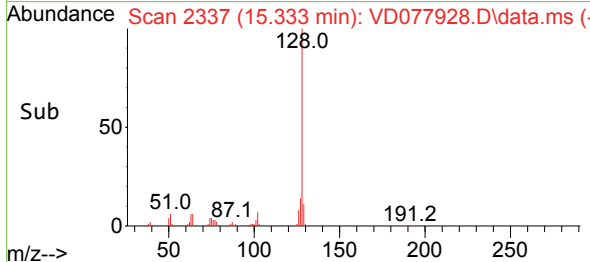
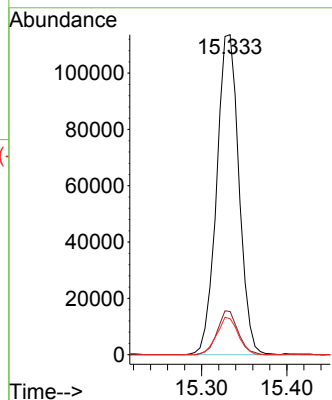
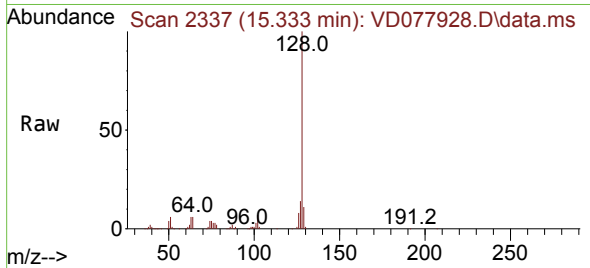




#95
Naphthalene
Concen: 51.962 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 206571
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.790 ug/l
RT: 15.521 min Scan# 2369
Delta R.T. -0.001 min
Lab File: VD077928.D
Acq: 16 Dec 2023 10:49

Tgt Ion:180 Resp: 98213
Ion Ratio Lower Upper
180 100
182 95.7 47.3 141.9
145 29.4 15.1 45.3

