

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122823\
 Data File : VD078088.D
 Acq On : 28 Dec 2023 13:10
 Operator : RP/MD
 Sample : VD1228SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBS01

Quant Time: Dec 28 22:23:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	153563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	255996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	229859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	117913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	63248	46.289	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.580%
35) Dibromofluoromethane	7.805	113	72491	44.010	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.020%
50) Toluene-d8	10.269	98	264248	45.593	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.180%
62) 4-Bromofluorobenzene	12.575	95	83236	44.634	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	24143	18.344	ug/l	85
3) Chloromethane	2.152	50	33947	18.703	ug/l	99
4) Vinyl Chloride	2.287	62	48621	17.772	ug/l	96
5) Bromomethane	2.693	94	36999	16.867	ug/l	100
6) Chloroethane	2.834	64	37496	18.651	ug/l	95
7) Trichlorofluoromethane	3.175	101	47955	18.211	ug/l	95
8) Diethyl Ether	3.599	74	13338	18.472	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.969	101	29349	17.895	ug/l	91
10) Methyl Iodide	4.158	142	24562	15.937	ug/l #	89
11) Tert butyl alcohol	5.064	59	6871	97.867	ug/l #	81
12) 1,1-Dichloroethene	3.934	96	26533	18.284	ug/l	96
13) Acrolein	3.799	56	7586	105.415	ug/l	94
14) Allyl chloride	4.564	41	30946	17.642	ug/l	93
15) Acrylonitrile	5.252	53	28317	93.750	ug/l	97
16) Acetone	4.022	43	34751	108.955	ug/l	95
17) Carbon Disulfide	4.269	76	58646	16.355	ug/l	99
18) Methyl Acetate	4.569	43	18866	16.847	ug/l	92
19) Methyl tert-butyl Ether	5.316	73	58663	18.264	ug/l	99
20) Methylene Chloride	4.805	84	42506	23.713	ug/l #	88
21) trans-1,2-Dichloroethene	5.316	96	28860	17.300	ug/l	98
22) Diisopropyl ether	6.216	45	70110	17.894	ug/l	94
23) Vinyl Acetate	6.152	43	167337	111.715	ug/l	98
24) 1,1-Dichloroethane	6.116	63	51308	17.696	ug/l	97
25) 2-Butanone	7.081	43	38076	97.604	ug/l #	82
26) 2,2-Dichloropropane	7.081	77	46085	17.691	ug/l	100
27) cis-1,2-Dichloroethene	7.087	96	36150	18.266	ug/l	97
28) Bromochloromethane	7.422	49	18551	17.883	ug/l	96
29) Tetrahydrofuran	7.446	42	18276	86.405	ug/l	95
30) Chloroform	7.593	83	59071	18.799	ug/l	93
31) Cyclohexane	7.875	56	37851	17.365	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	49972	18.505	ug/l	99
36) 1,1-Dichloropropene	8.010	75	38818	16.749	ug/l	99
37) Ethyl Acetate	7.175	43	12471	16.179	ug/l #	97
38) Carbon Tetrachloride	7.999	117	44105	17.562	ug/l	98
39) Methylcyclohexane	9.275	83	41524	15.628	ug/l	95
40) Benzene	8.252	78	118057	17.674	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	8811	18.068	ug/l	90
42) 1,2-Dichloroethane	8.328	62	33942	18.802	ug/l	97
43) Isopropyl Acetate	8.357	43	27371	17.736	ug/l #	82
44) Trichloroethene	9.028	130	33096	17.222	ug/l	91
45) 1,2-Dichloropropane	9.304	63	30560	18.055	ug/l	98
46) Dibromomethane	9.399	93	18201	19.199	ug/l	93
47) Bromodichloromethane	9.581	83	45294	18.393	ug/l	95
48) Methyl methacrylate	9.375	41	14071	16.179	ug/l	89
49) 1,4-Dioxane	9.393	88	3494	389.869	ug/l #	79
51) 4-Methyl-2-Pentanone	10.157	43	71089	89.776	ug/l	92
52) Toluene	10.334	92	76448	17.645	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	40488	18.121	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	47220	17.599	ug/l #	91
55) 1,1,2-Trichloroethane	10.728	97	24173	18.120	ug/l	97
56) Ethyl methacrylate	10.599	69	19374	18.300	ug/l #	92
57) 1,3-Dichloropropane	10.881	76	38957	17.773	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	42150	91.957	ug/l	99
59) 2-Hexanone	10.922	43	55079	89.548	ug/l	94
60) Dibromochloromethane	11.075	129	31411	18.482	ug/l	99
61) 1,2-Dibromoethane	11.181	107	22526	17.612	ug/l	98
64) Tetrachloroethene	10.810	164	27793	17.894	ug/l	93
65) Chlorobenzene	11.610	112	88413	18.105	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.681	131	33898	18.340	ug/l	96
67) Ethyl Benzene	11.681	91	144613	16.987	ug/l	96
68) m/p-Xylenes	11.793	106	112667	34.005	ug/l	92
69) o-Xylene	12.122	106	53095	17.194	ug/l	92
70) Styrene	12.134	104	81973	17.979	ug/l	96
71) Bromoform	12.298	173	19383	19.009	ug/l #	97
73) Isopropylbenzene	12.422	105	143165	17.628	ug/l	99
74) N-amyl acetate	12.234	43	24382	18.085	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	27719	18.780	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	32477	32.647	ug/l #	100
77) Bromobenzene	12.698	156	36394	18.421	ug/l	94
78) n-propylbenzene	12.763	91	173479	17.746	ug/l	99
79) 2-Chlorotoluene	12.845	91	95209	18.006	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	118485	17.639	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	7714	16.709	ug/l	86
82) 4-Chlorotoluene	12.945	91	101566	17.916	ug/l	98
83) tert-Butylbenzene	13.163	119	108903	18.099	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	120189	17.566	ug/l	97
85) sec-Butylbenzene	13.345	105	152908	17.799	ug/l	99
86) p-Isopropyltoluene	13.457	119	136968	17.816	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	73119	17.887	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	75128	18.739	ug/l	96
89) n-Butylbenzene	13.787	91	126798	17.968	ug/l	98
90) Hexachloroethane	14.051	117	27779	18.074	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	65025	18.523	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3952	19.117	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	41807	18.241	ug/l	96
94) Hexachlorobutadiene	15.198	225	24037	18.666	ug/l	99
95) Naphthalene	15.328	128	69413	17.790	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	37037	19.045	ug/l	97

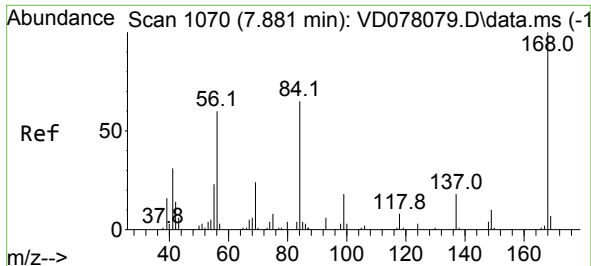
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Response via : Initial Calibration

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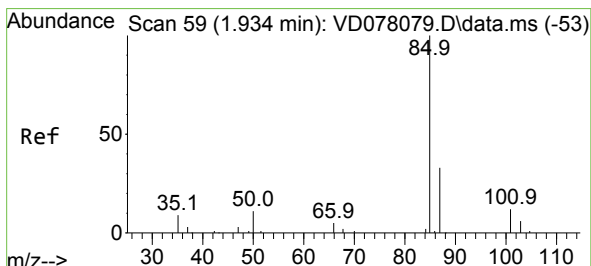
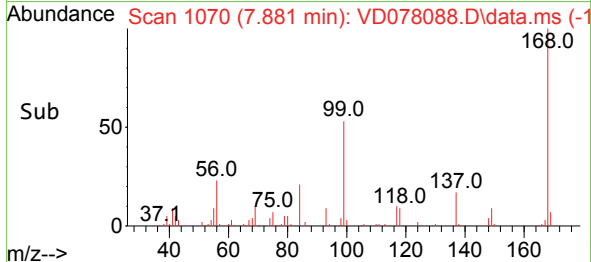
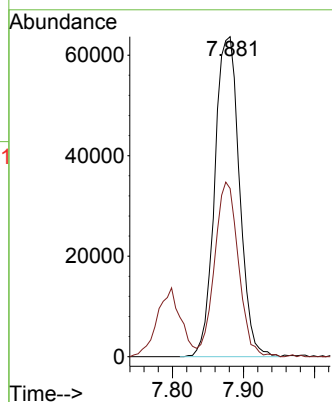
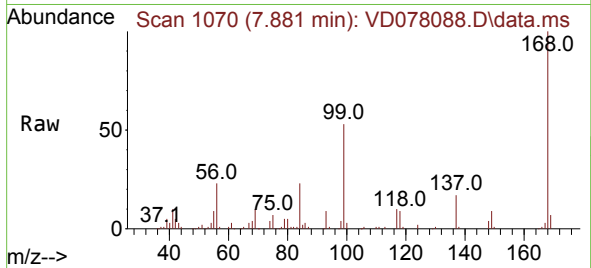
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

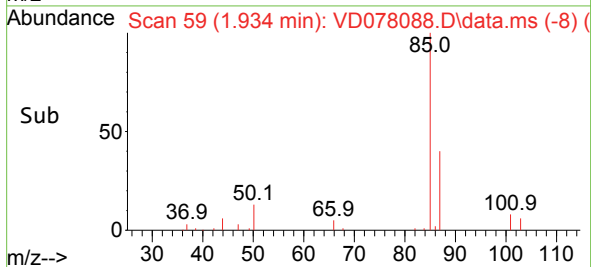
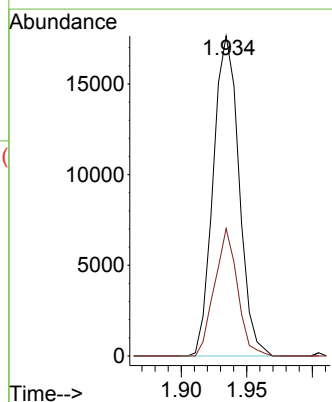
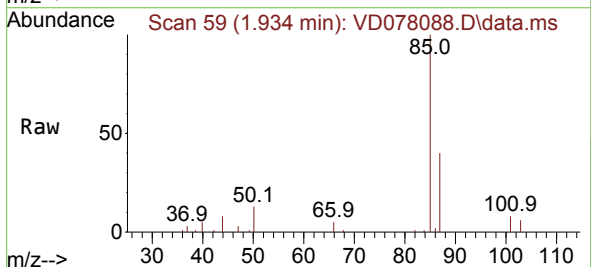
Instrument :
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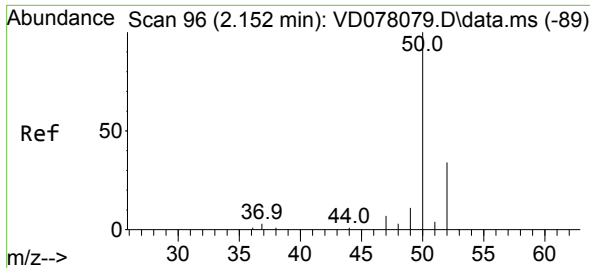
Tgt Ion:168 Resp: 153563
Ion Ratio Lower Upper
168 100
99 52.6 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 18.344 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 85 Resp: 24143
Ion Ratio Lower Upper
85 100
87 39.8 15.7 47.0

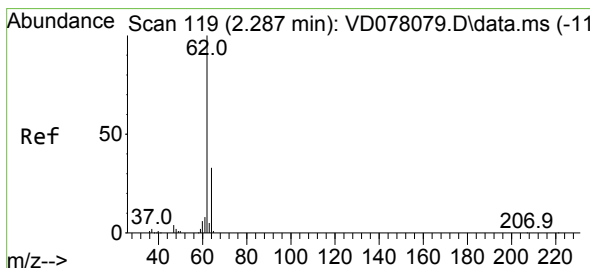
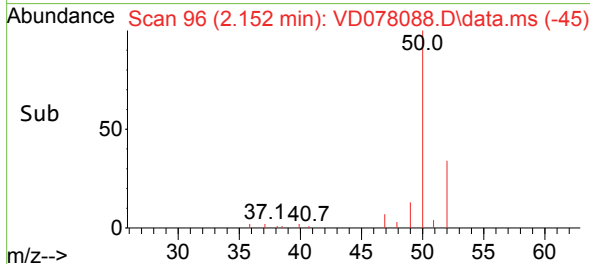
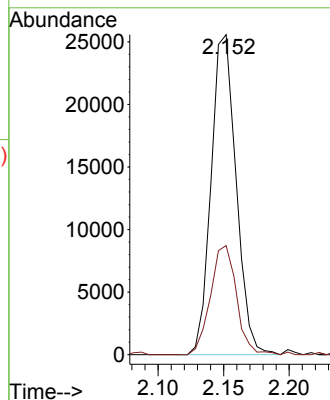
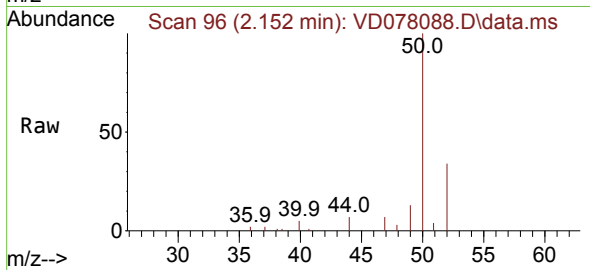




#3
Chloromethane
Concen: 18.703 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

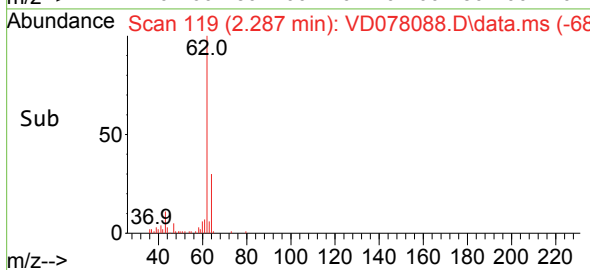
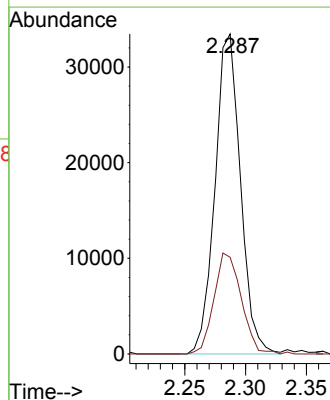
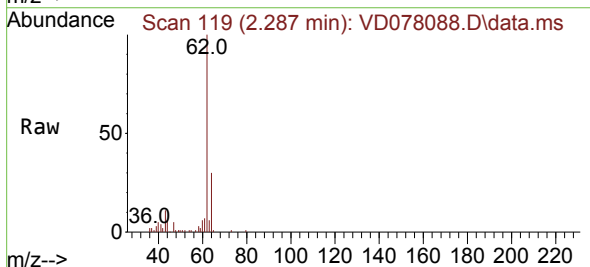
Instrument :
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ClientSampleId :
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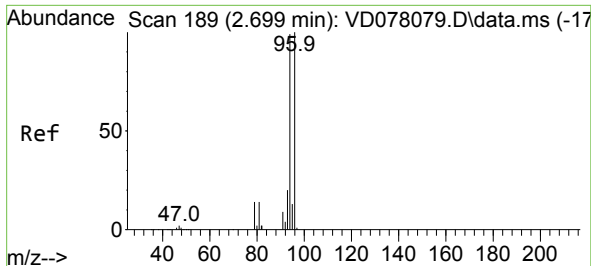
Tgt Ion: 50 Resp: 33947
Ion Ratio Lower Upper
50 100
52 34.1 26.6 40.0



#4
Vinyl Chloride
Concen: 17.772 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 62 Resp: 48621
Ion Ratio Lower Upper
62 100
64 30.2 26.0 39.0

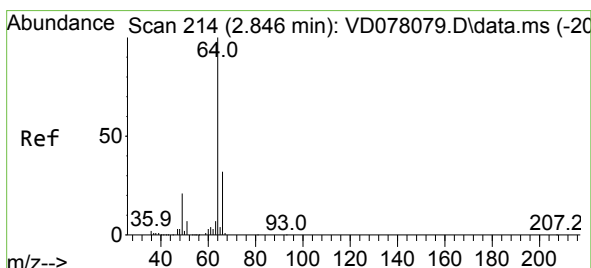
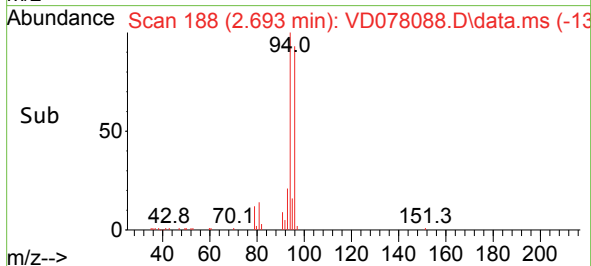
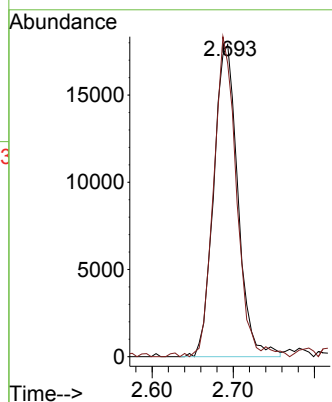
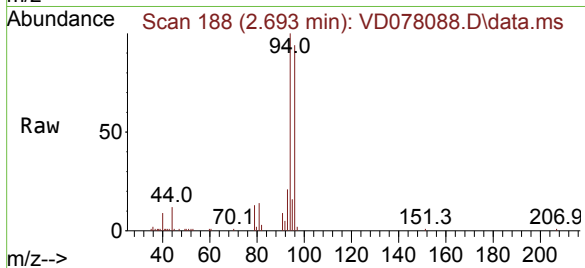




#5
Bromomethane
Concen: 16.867 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

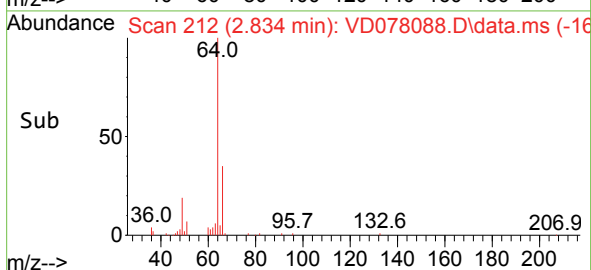
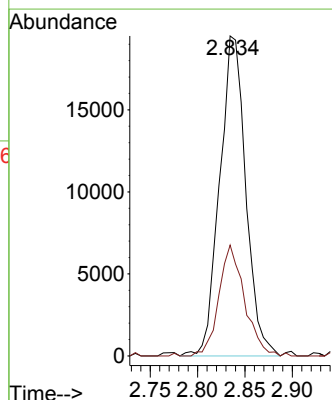
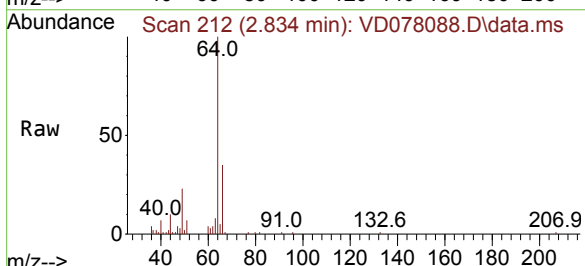
Instrument :
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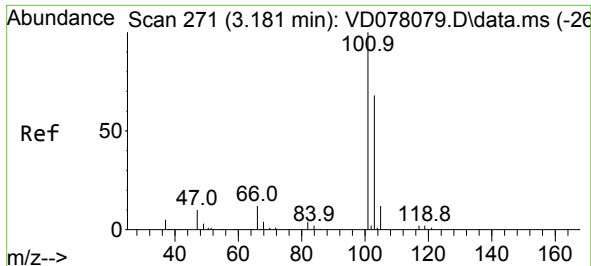
Tgt Ion: 94 Resp: 36999
Ion Ratio Lower Upper
94 100
96 95.2 75.8 113.8



#6
Chloroethane
Concen: 18.651 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.011 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 64 Resp: 37496
Ion Ratio Lower Upper
64 100
66 34.6 25.5 38.3

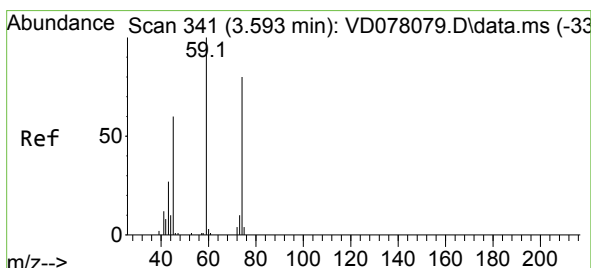
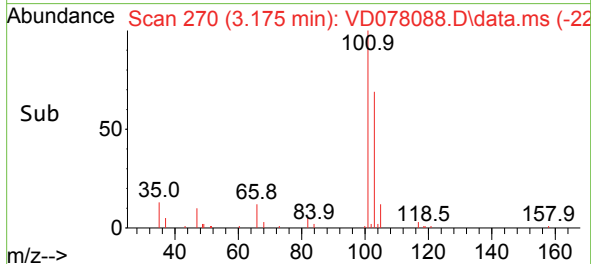
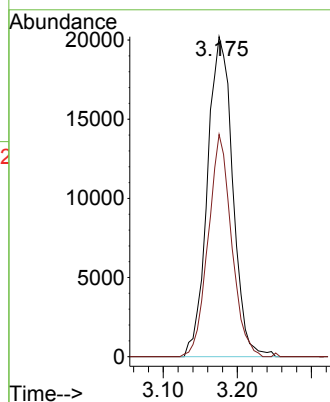
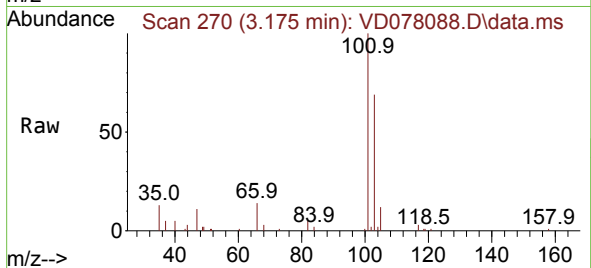




#7
Trichlorofluoromethane
Concen: 18.211 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

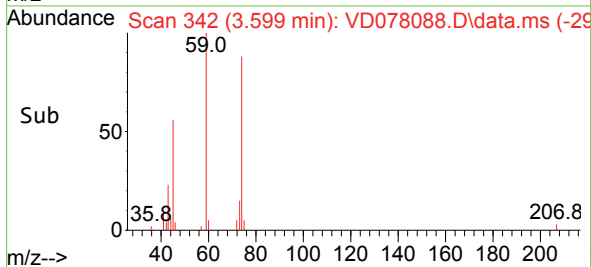
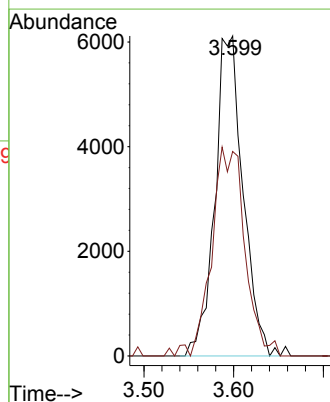
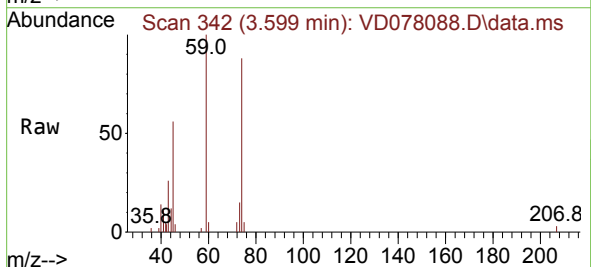
Instrument :
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ClientSampleId :
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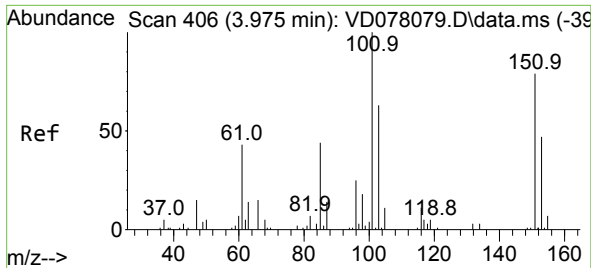
Tgt Ion:101 Resp: 47955
Ion Ratio Lower Upper
101 100
103 69.4 52.3 78.5



#8
Diethyl Ether
Concen: 18.472 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 74 Resp: 13338
Ion Ratio Lower Upper
74 100
45 77.0 37.5 112.7

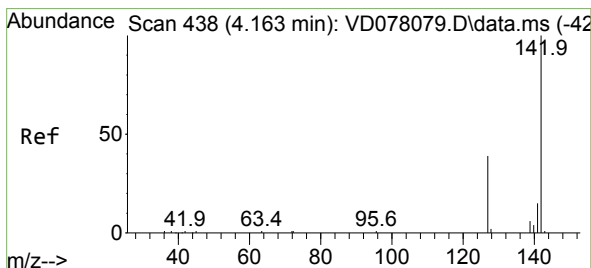
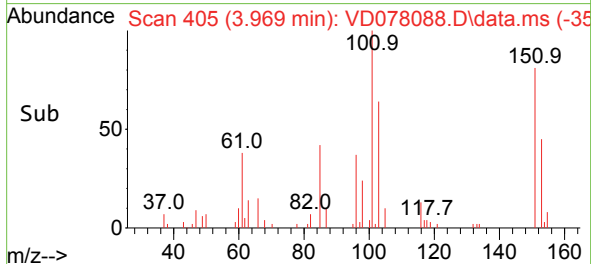
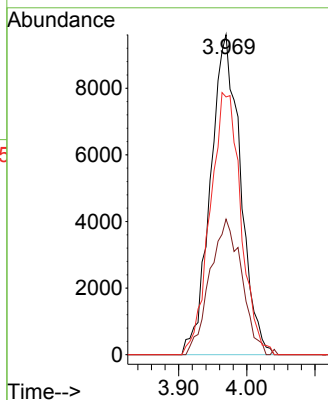
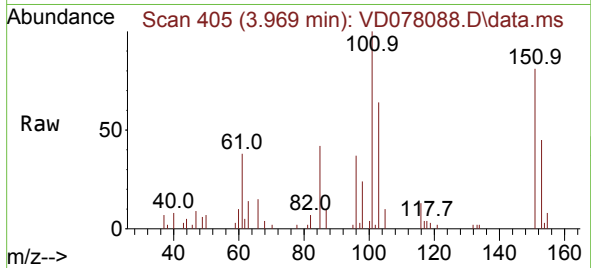




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.895 ug/l
RT: 3.969 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

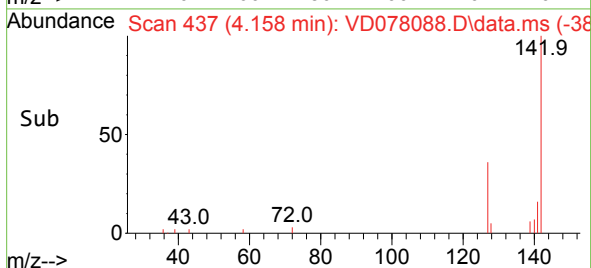
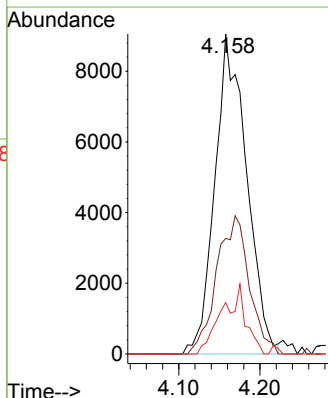
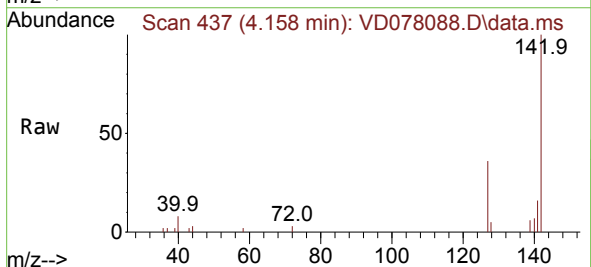
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

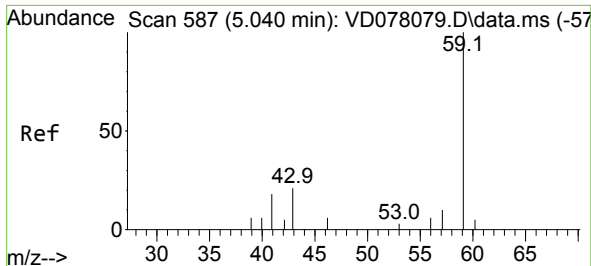
Tgt Ion:101	Resp:	29349
Ion	Ratio	Lower Upper
101	100	
85	44.9	33.8 50.6
151	84.2	59.8 89.6



#10
Methyl Iodide
Concen: 15.937 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion:142	Resp:	24562
Ion	Ratio	Lower Upper
142	100	
127	44.3	29.4 44.0#
141	16.4	11.1 16.7





#11

Tert butyl alcohol

Concen: 97.867 ug/l

RT: 5.064 min Scan# 591

Delta R.T. 0.024 min

Lab File: VD078088.D

Acq: 28 Dec 2023 13:10

Instrument :

MSVOA_D

ClientSampleId :

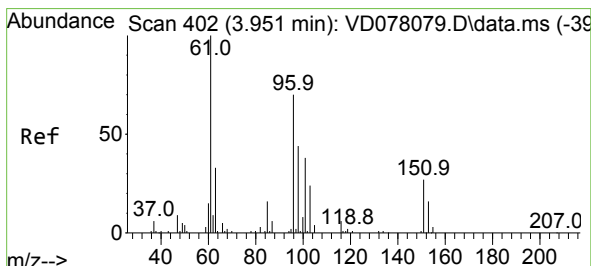
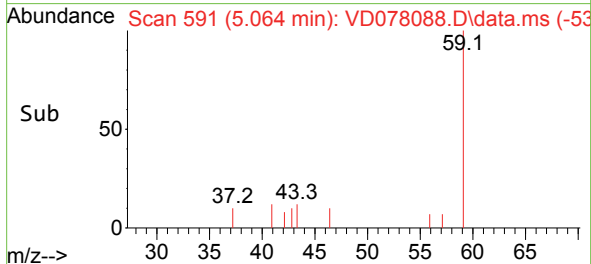
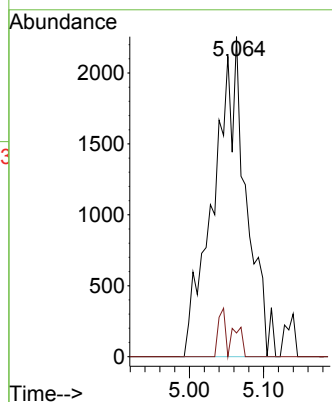
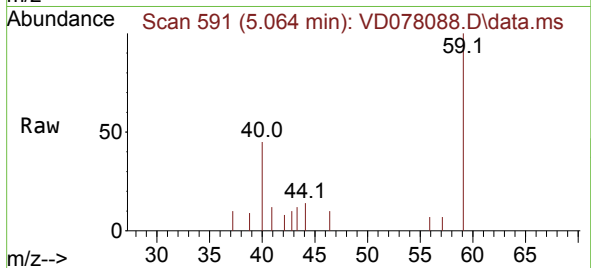
VD1228SBS01

Tgt Ion: 59 Resp: 6871

Ion Ratio Lower Upper

59 100

57 2.9 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 18.284 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.017 min

Lab File: VD078088.D

Acq: 28 Dec 2023 13:10

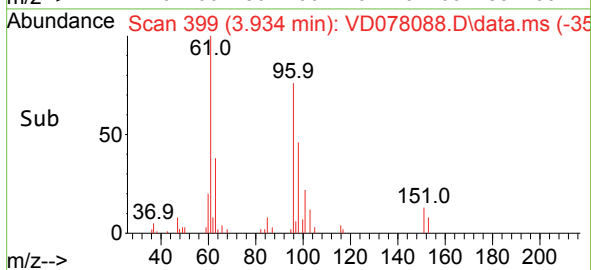
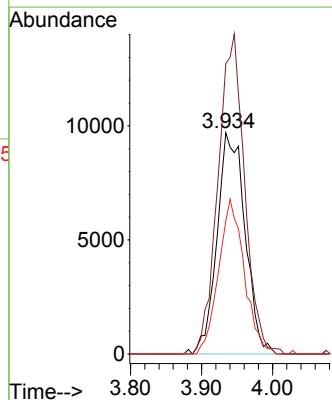
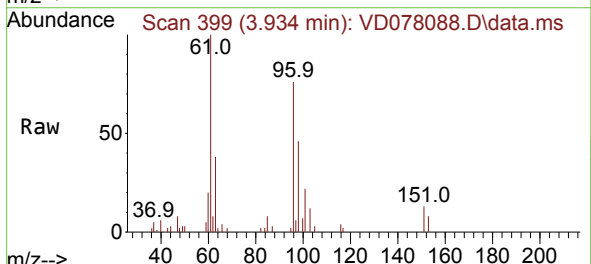
Tgt Ion: 96 Resp: 26533

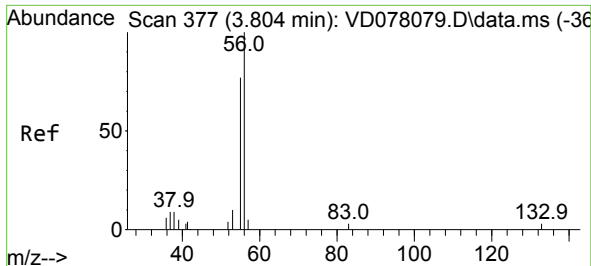
Ion Ratio Lower Upper

96 100

61 131.3 100.6 150.8

98 60.0 50.2 75.2

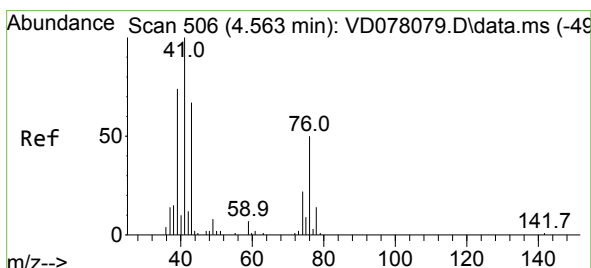
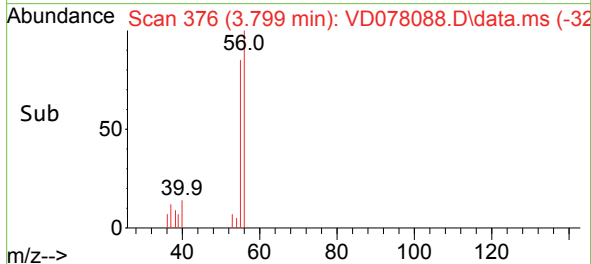
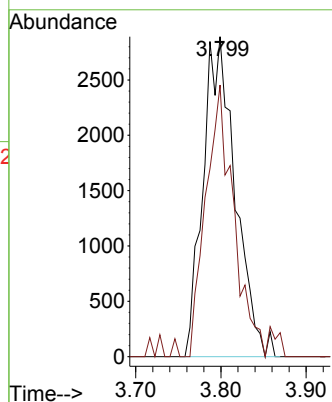
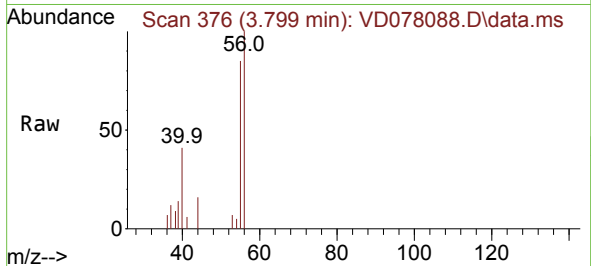




#13
Acrolein
Concen: 105.415 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.005 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

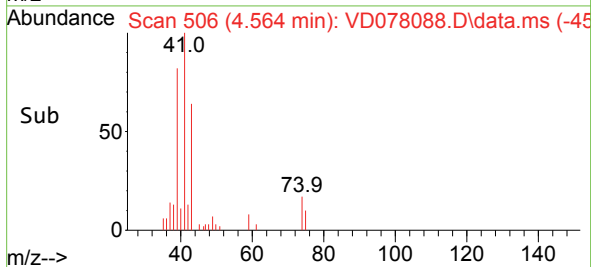
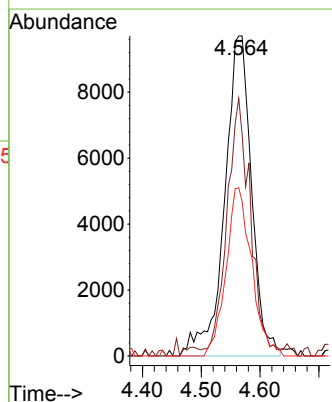
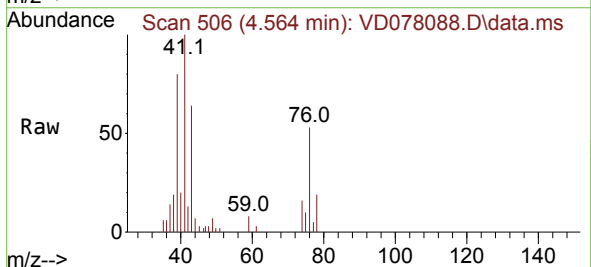
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

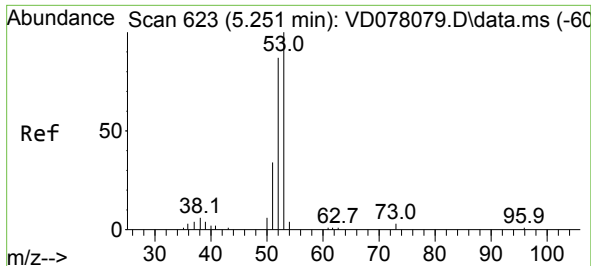
Tgt Ion: 56 Resp: 7586
Ion Ratio Lower Upper
56 100
55 73.7 55.1 82.7



#14
Allyl chloride
Concen: 17.642 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 41 Resp: 30946
Ion Ratio Lower Upper
41 100
39 70.6 53.8 80.6
76 49.9 45.8 68.8

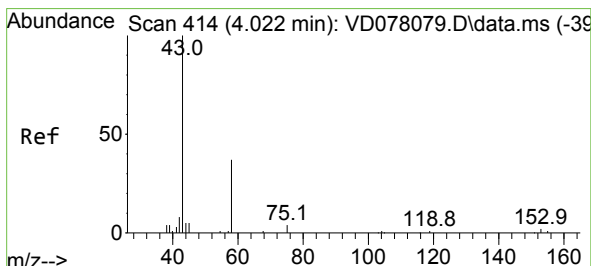
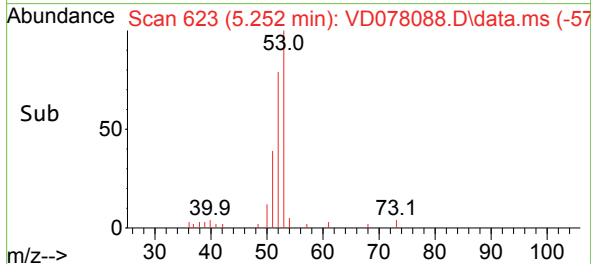
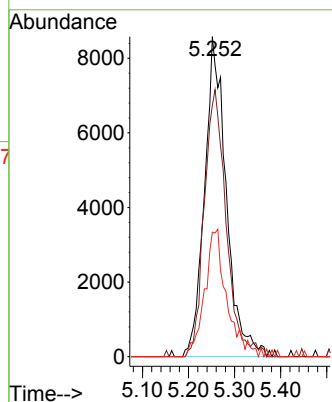
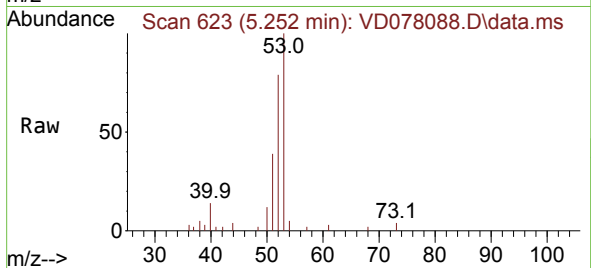




#15
Acrylonitrile
Concen: 93.750 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

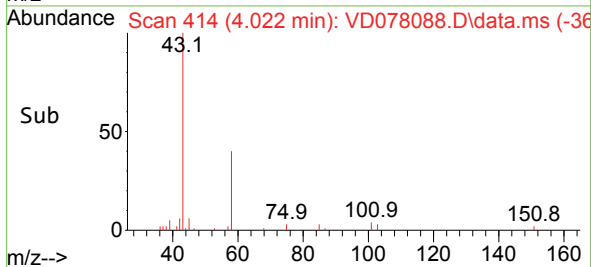
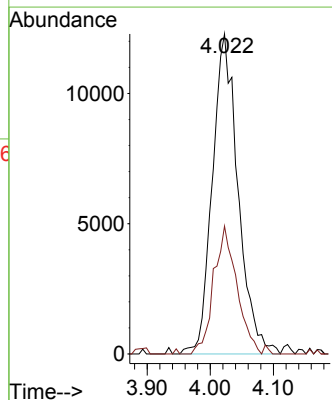
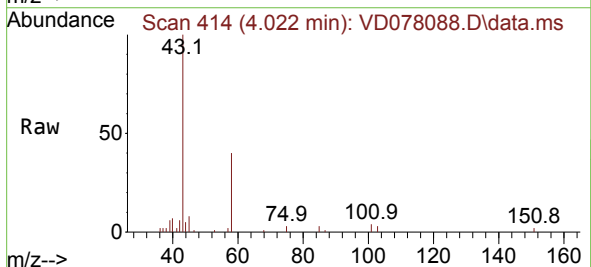
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

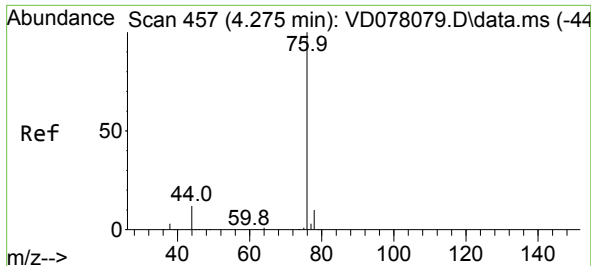
Tgt Ion:	53	Resp:	28317
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.0	97.4
51	40.1	28.3	42.5



#16
Acetone
Concen: 108.955 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion:	43	Resp:	34751
Ion	Ratio	Lower	Upper
43	100		
58	39.9	34.7	52.1

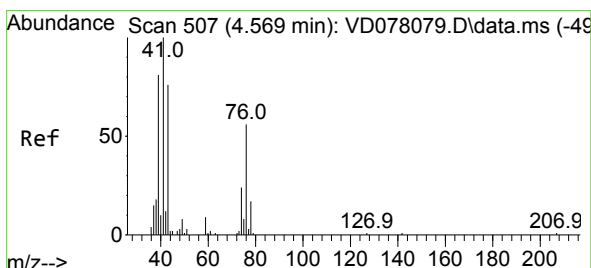
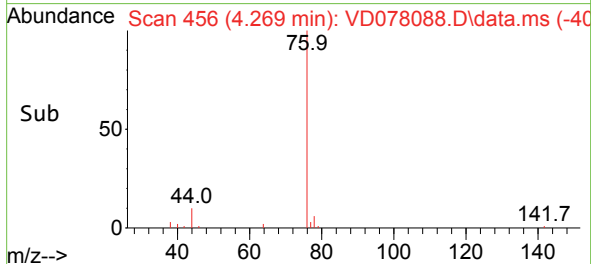
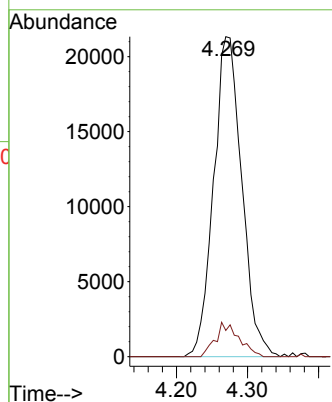
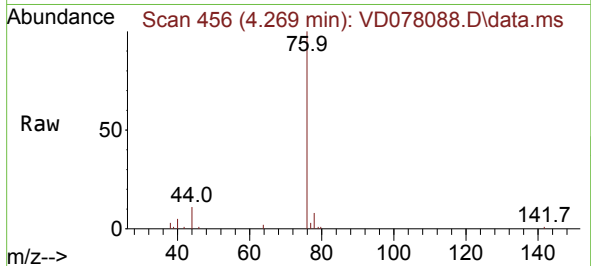




#17
Carbon Disulfide
Concen: 16.355 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

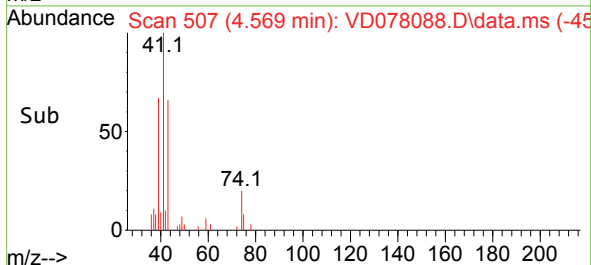
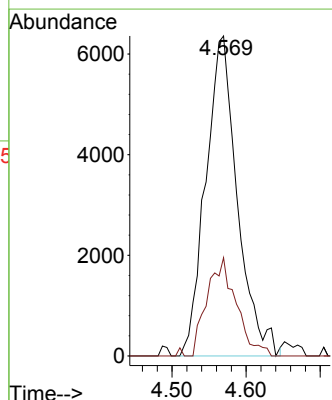
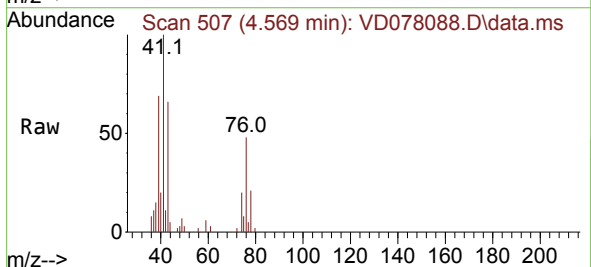
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

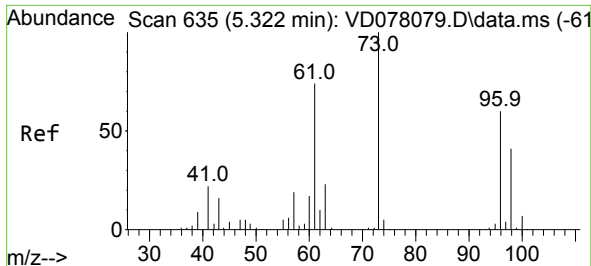
Tgt Ion: 76 Resp: 58646
Ion Ratio Lower Upper
76 100
78 8.2 6.8 10.2



#18
Methyl Acetate
Concen: 16.847 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 43 Resp: 18866
Ion Ratio Lower Upper
43 100
74 28.4 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 18.264 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078088.D

Acq: 28 Dec 2023 13:10

Instrument :

MSVOA_D

ClientSampleId :

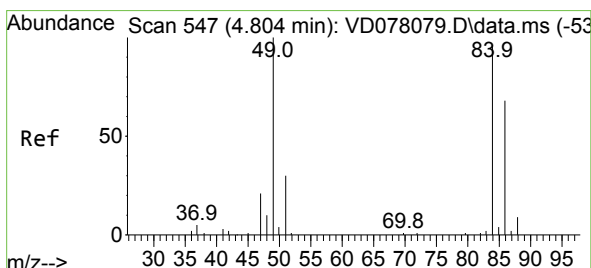
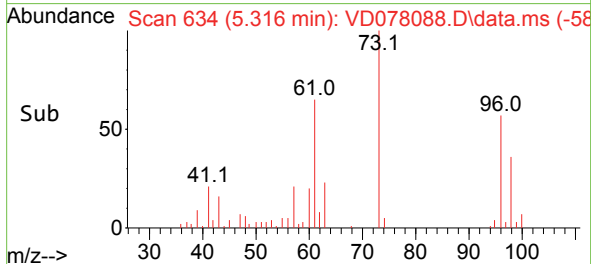
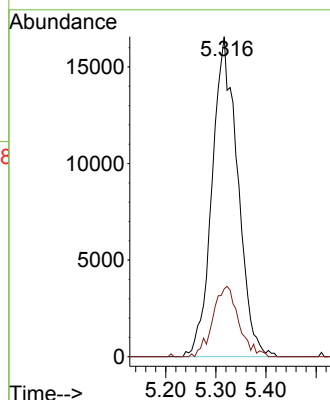
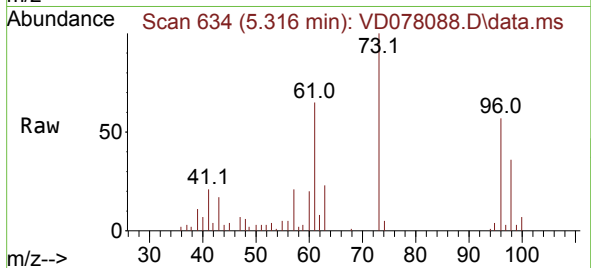
VD1228SBS01

Tgt Ion: 73 Resp: 58663

Ion Ratio Lower Upper

73 100

57 21.2 16.6 25.0



#20

Methylene Chloride

Concen: 23.713 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.001 min

Lab File: VD078088.D

Acq: 28 Dec 2023 13:10

Tgt Ion: 84 Resp: 42506

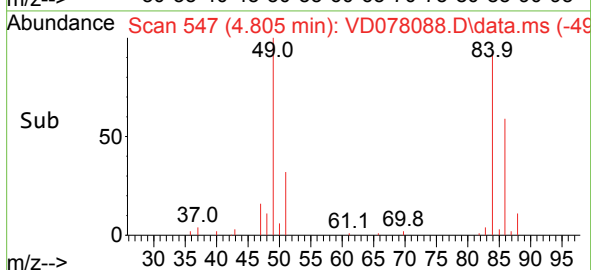
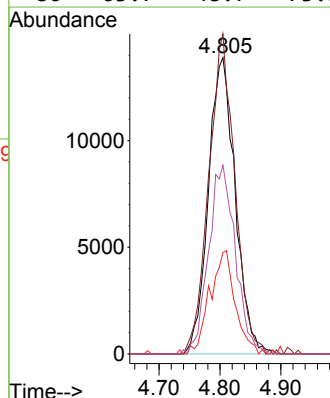
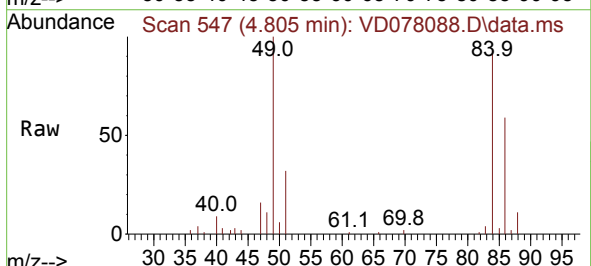
Ion Ratio Lower Upper

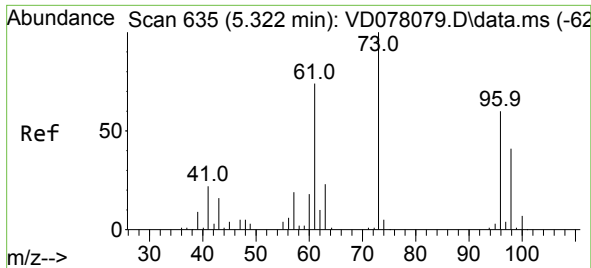
84 100

49 108.0 71.4 107.2#

51 32.8 24.5 36.7

86 63.7 48.7 73.1

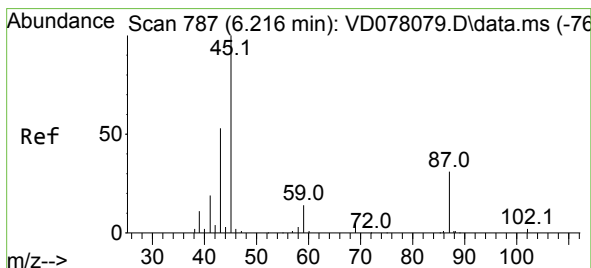
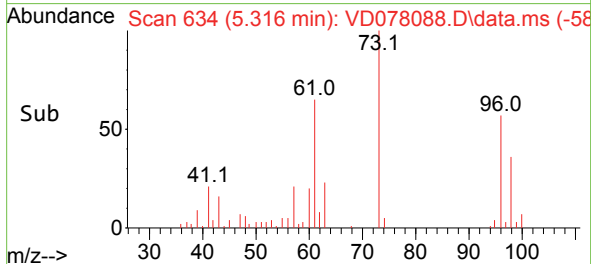
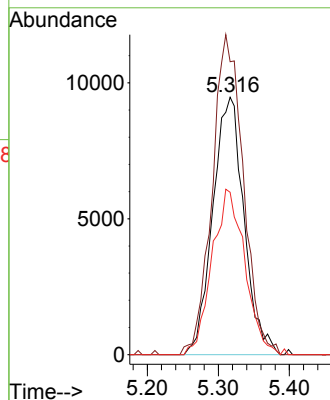
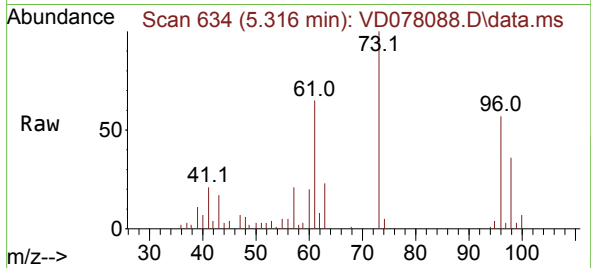




#21
trans-1,2-Dichloroethene
Concen: 17.300 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

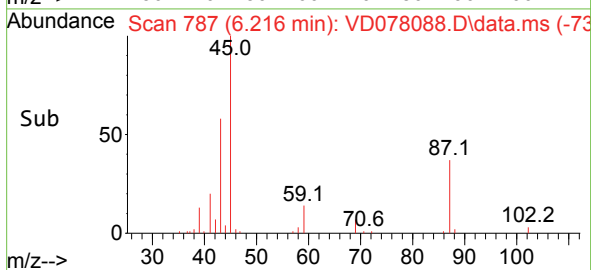
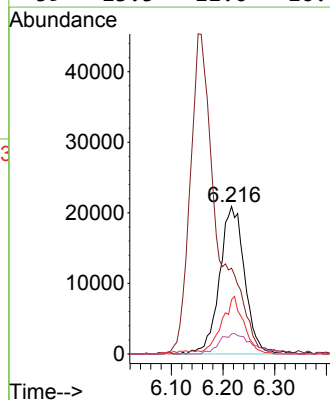
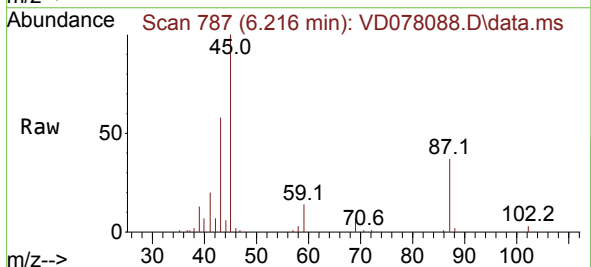
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

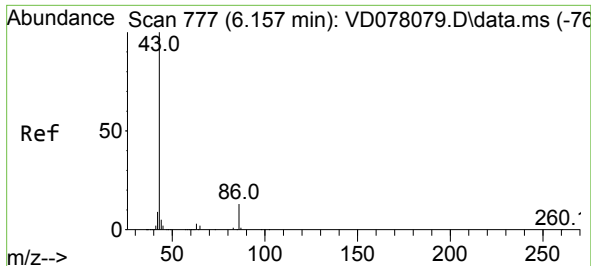
Tgt Ion: 96 Resp: 28860
Ion Ratio Lower Upper
96 100
61 113.8 89.3 133.9
98 63.1 48.6 73.0



#22
Diisopropyl ether
Concen: 17.894 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 45 Resp: 70110
Ion Ratio Lower Upper
45 100
43 56.2 40.0 60.0
87 36.8 28.2 42.4
59 13.5 11.0 16.4

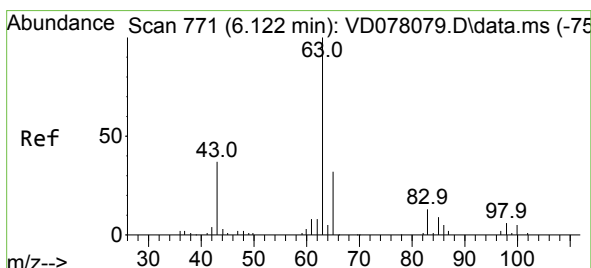
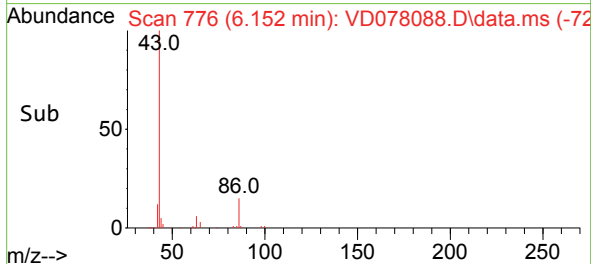
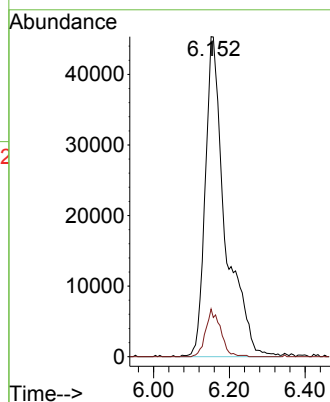
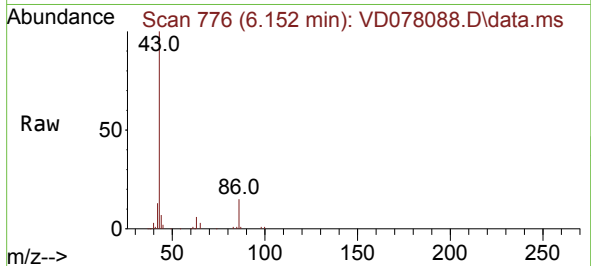




#23
 Vinyl Acetate
 Concen: 111.715 ug/l
 RT: 6.152 min Scan# 777
 Delta R.T. -0.006 min
 Lab File: VD078088.D
 Acq: 28 Dec 2023 13:10

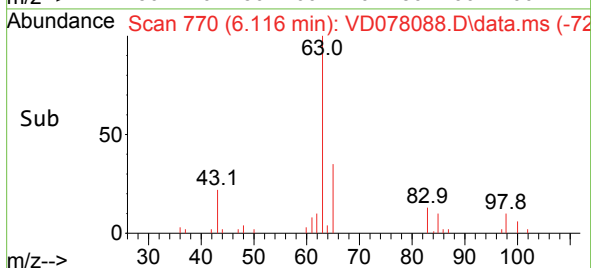
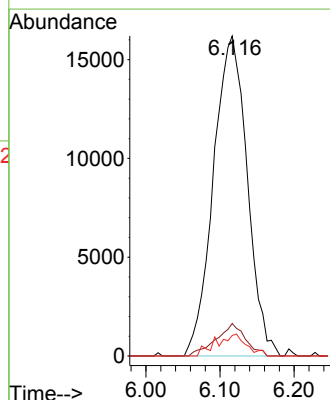
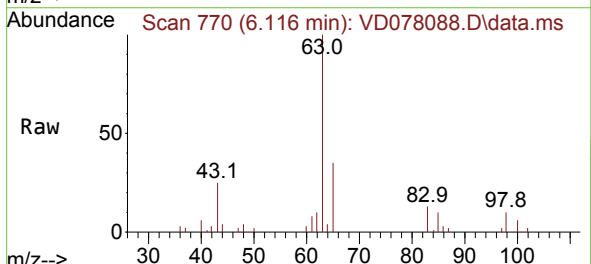
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBS01

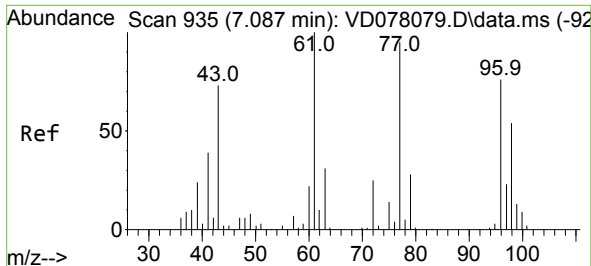
Tgt Ion: 43 Resp: 167337
 Ion Ratio Lower Upper
 43 100
 86 14.9 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 17.696 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.006 min
 Lab File: VD078088.D
 Acq: 28 Dec 2023 13:10

Tgt Ion: 63 Resp: 51308
 Ion Ratio Lower Upper
 63 100
 98 10.2 4.5 13.7
 100 6.4 2.5 7.5

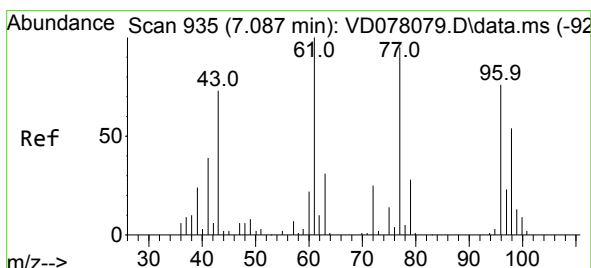
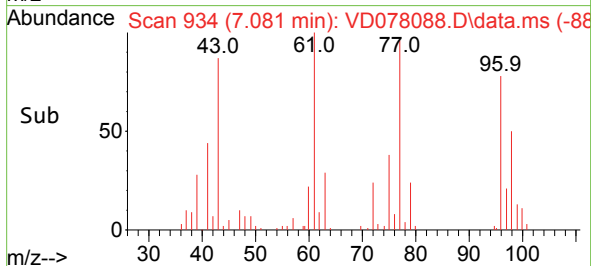
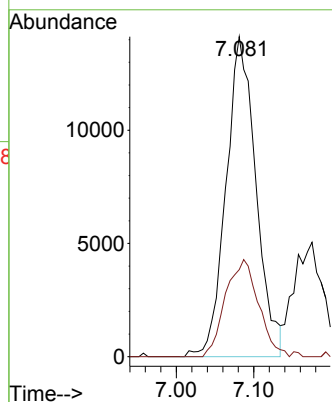
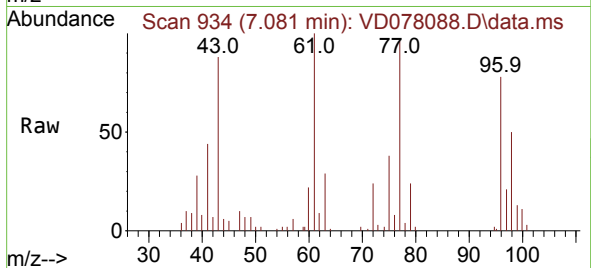




#25
2-Butanone
Concen: 97.604 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.006 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

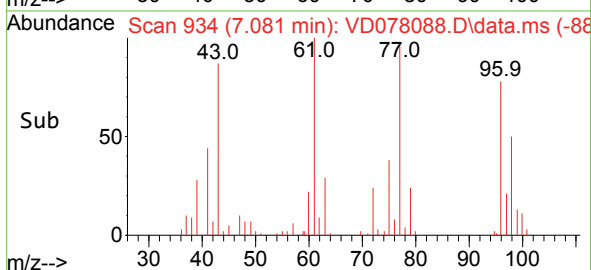
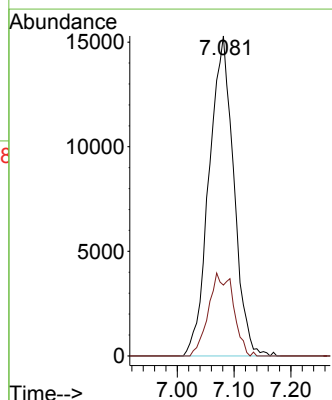
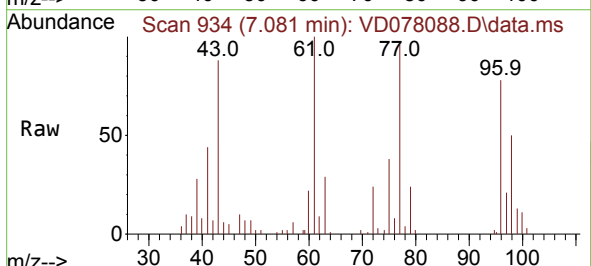
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

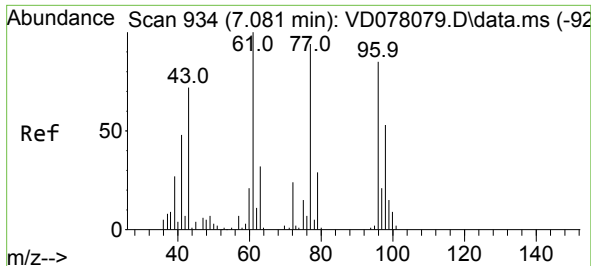
Tgt Ion: 43 Resp: 38076
Ion Ratio Lower Upper
43 100
72 27.2 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 17.691 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.006 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 77 Resp: 46085
Ion Ratio Lower Upper
77 100
97 26.2 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 18.266 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078088.D

Acq: 28 Dec 2023 13:10

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBS01

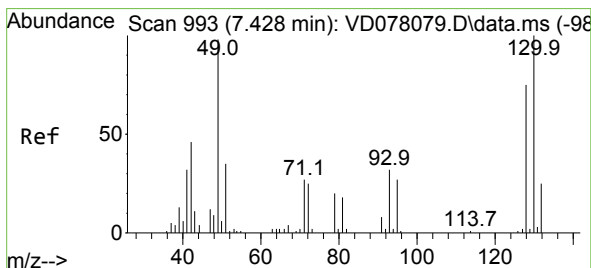
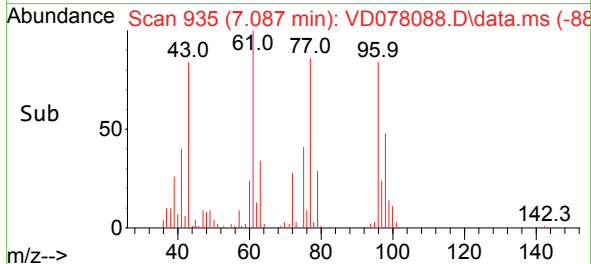
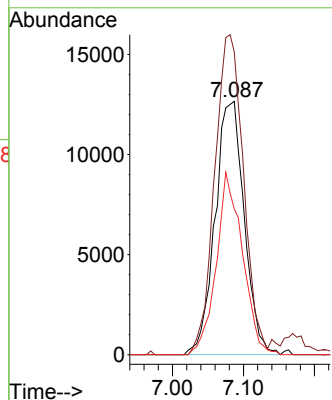
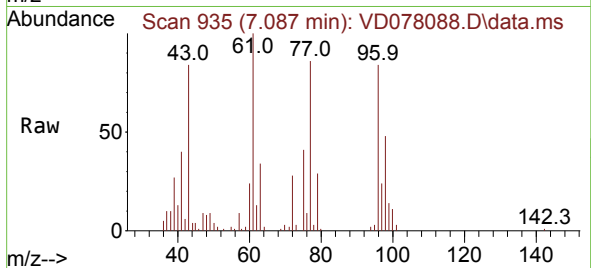
Tgt Ion: 96 Resp: 36150

Ion Ratio Lower Upper

96 100

61 124.5 0.0 239.2

98 64.6 0.0 128.6



#28

Bromochloromethane

Concen: 17.883 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD078088.D

Acq: 28 Dec 2023 13:10

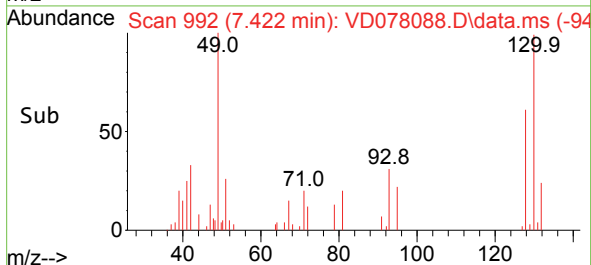
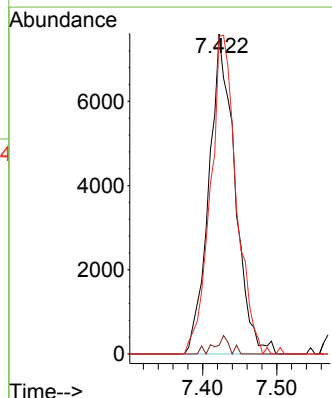
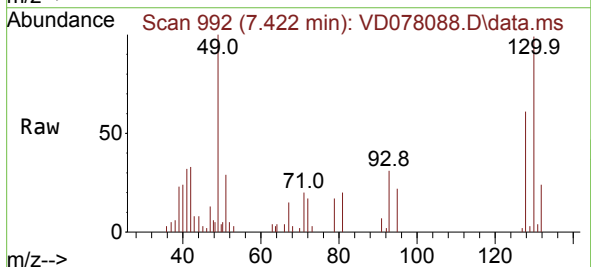
Tgt Ion: 49 Resp: 18551

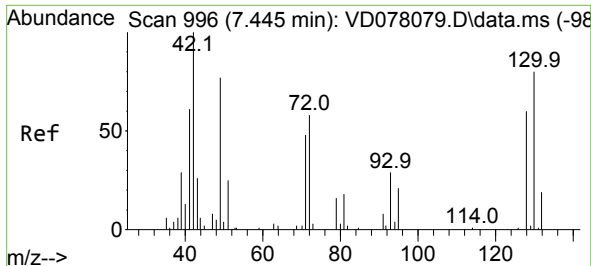
Ion Ratio Lower Upper

49 100

129 3.3 0.0 6.0

130 99.5 83.2 124.8





#29

Tetrahydrofuran

Concen: 86.405 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078088.D

Acq: 28 Dec 2023 13:10

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBS01

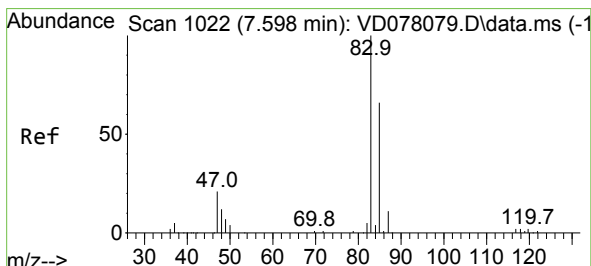
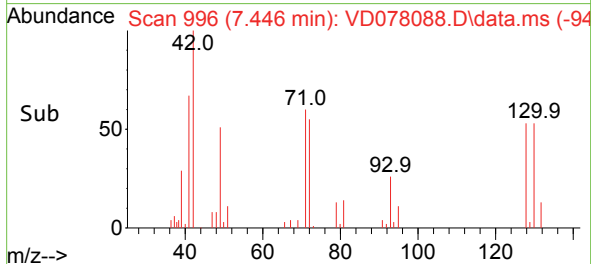
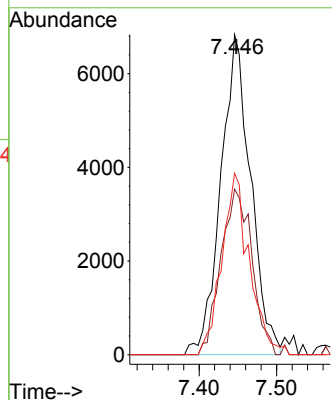
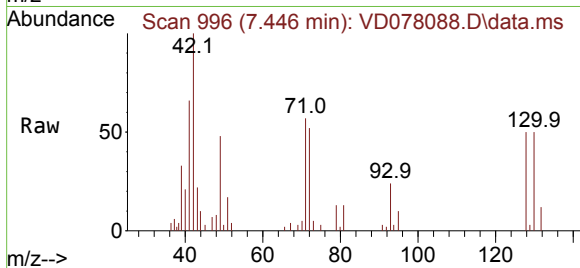
Tgt Ion: 42 Resp: 18276

Ion Ratio Lower Upper

42 100

72 53.8 46.5 69.7

71 52.4 44.5 66.7



#30

Chloroform

Concen: 18.799 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD078088.D

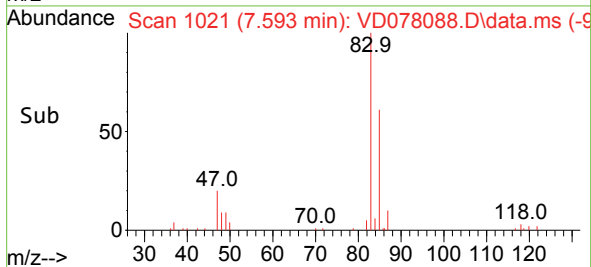
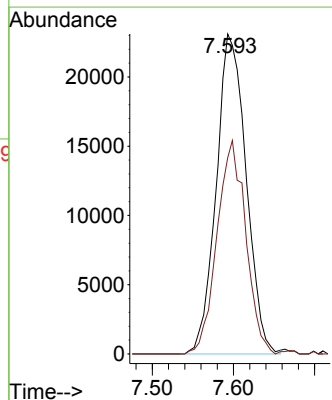
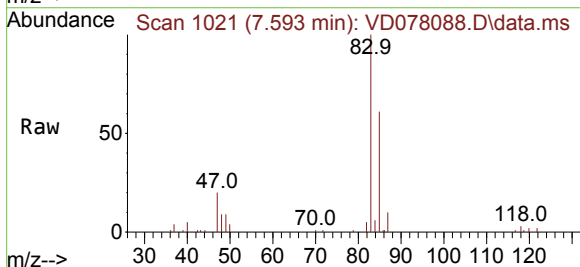
Acq: 28 Dec 2023 13:10

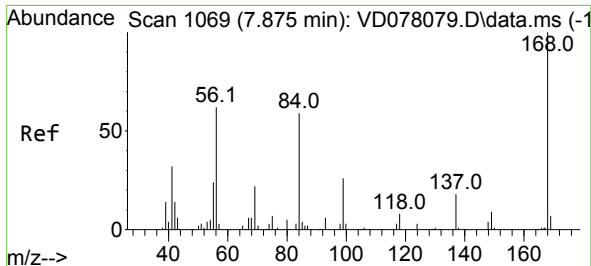
Tgt Ion: 83 Resp: 59071

Ion Ratio Lower Upper

83 100

85 61.4 53.4 80.2

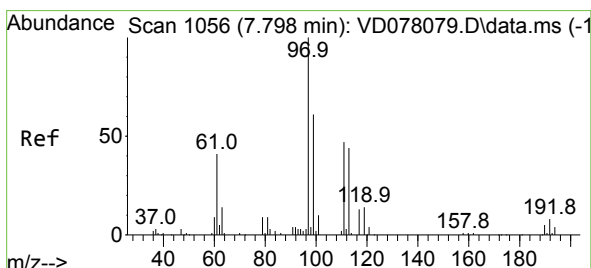
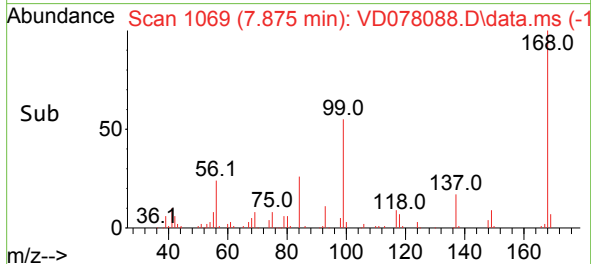
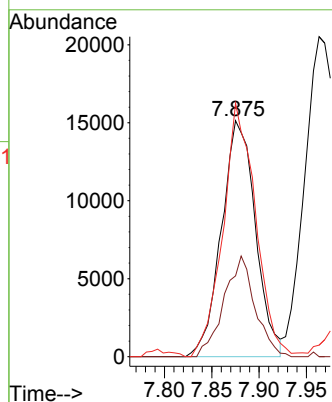
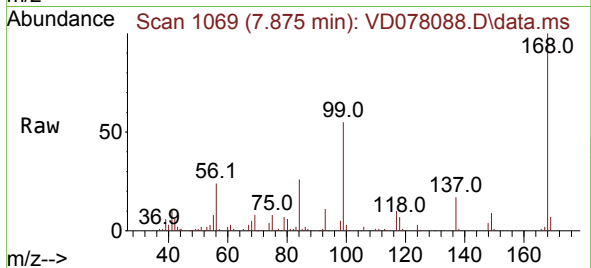




#31
Cyclohexane
Concen: 17.365 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

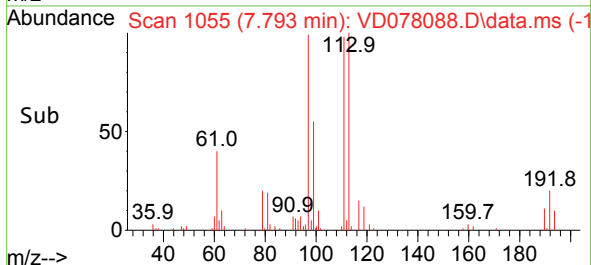
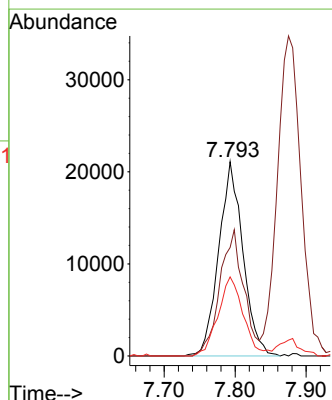
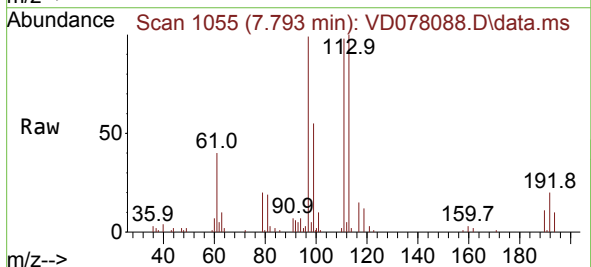
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

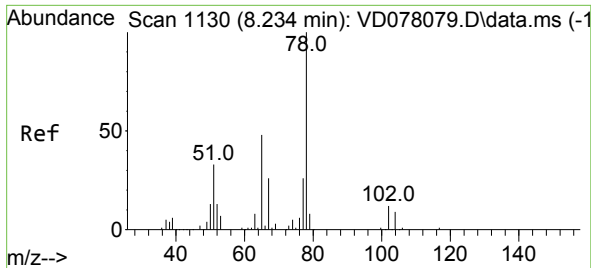
Tgt Ion: 56 Resp: 37851
Ion Ratio Lower Upper
56 100
69 34.3 28.6 43.0
84 106.1 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 18.505 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 97 Resp: 49972
Ion Ratio Lower Upper
97 100
99 64.2 52.0 78.0
61 41.8 33.8 50.8

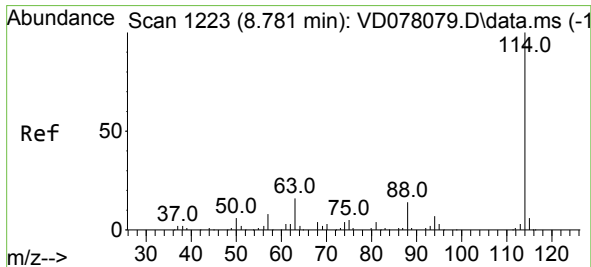
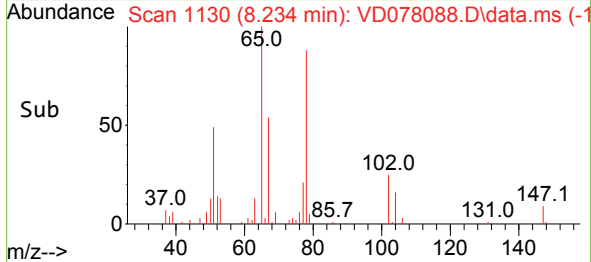
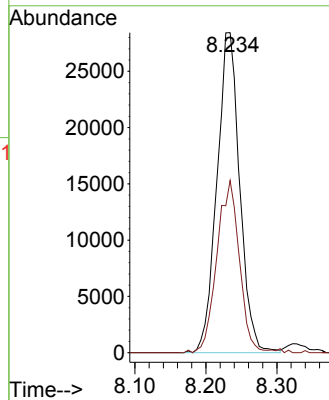
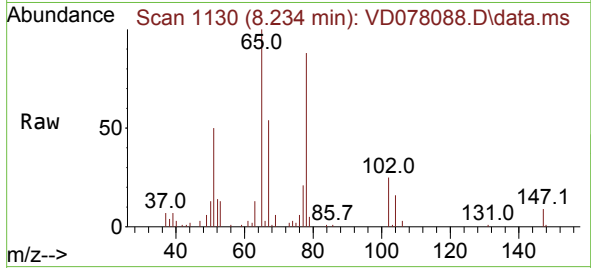




#33
1,2-Dichloroethane-d4
Concen: 46.289 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

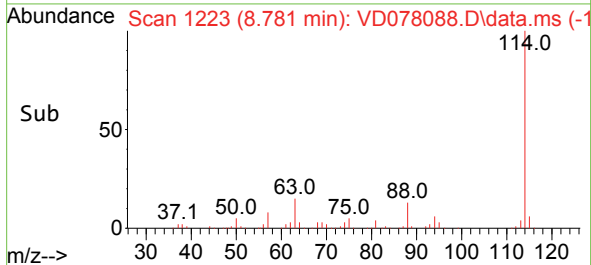
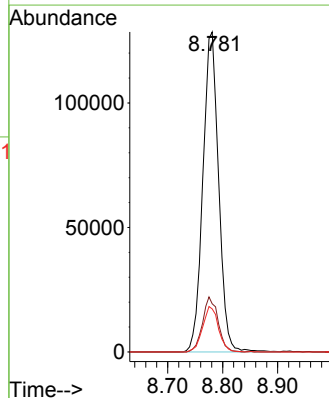
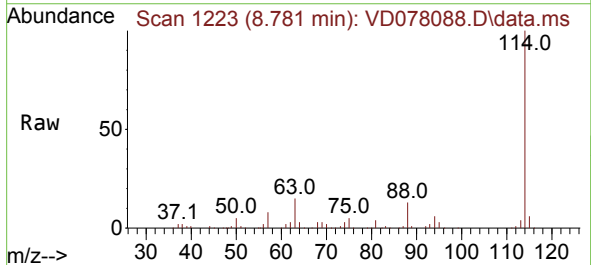
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

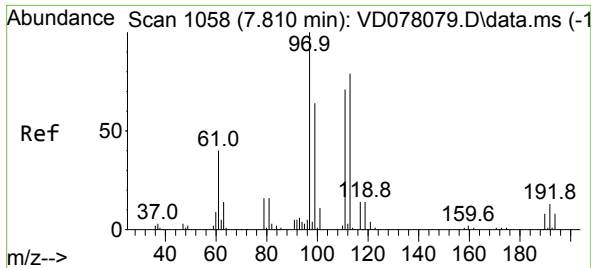
Tgt Ion: 65 Resp: 63248
Ion Ratio Lower Upper
65 100
67 53.0 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion:114 Resp: 255996
Ion Ratio Lower Upper
114 100
63 15.1 0.0 33.4
88 13.5 0.0 26.2

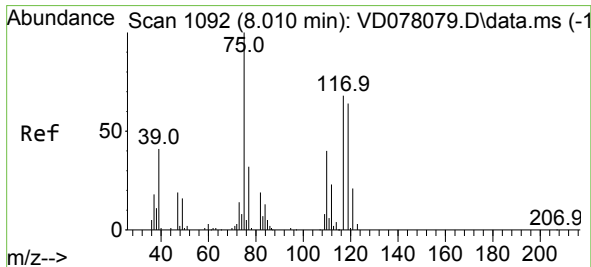
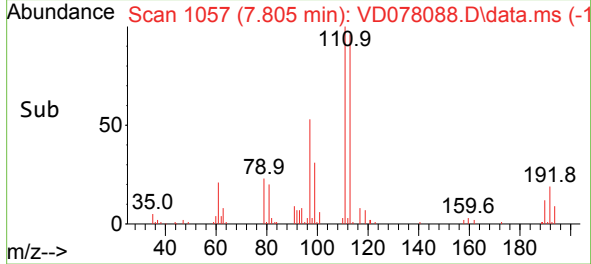
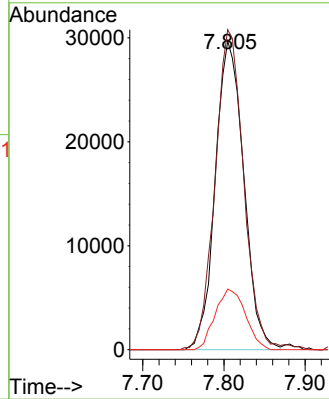
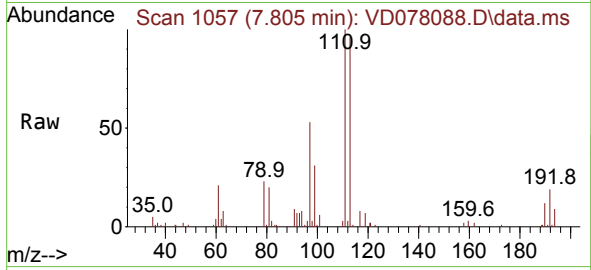




#35
Dibromofluoromethane
Concen: 44.010 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

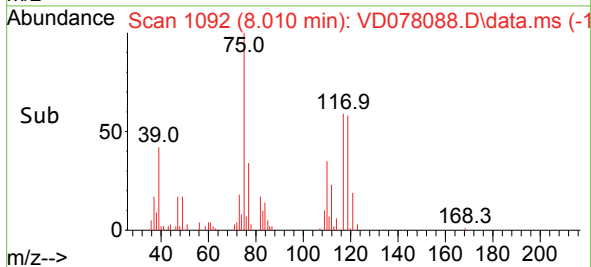
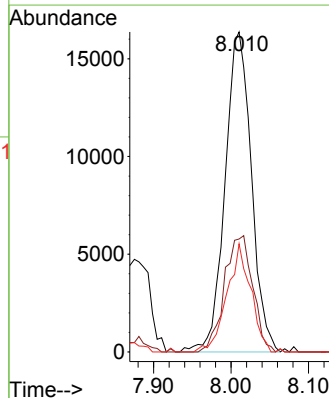
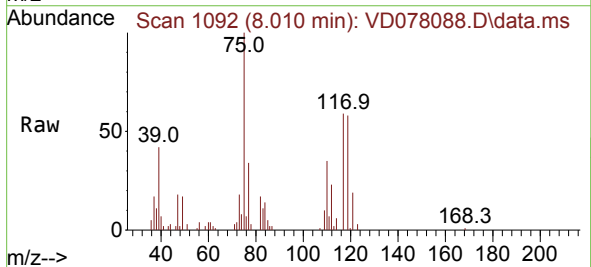
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

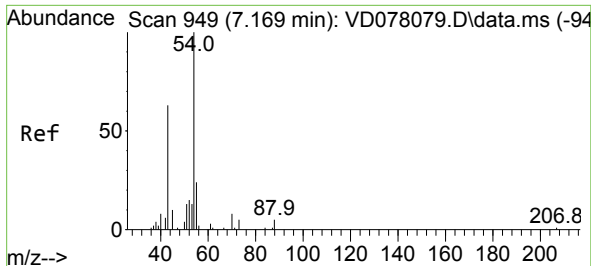
Tgt Ion:113 Resp: 72491
Ion Ratio Lower Upper
113 100
111 104.1 84.7 127.1
192 20.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 16.749 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 75 Resp: 38818
Ion Ratio Lower Upper
75 100
110 39.0 19.9 59.6
77 30.5 24.7 37.1





#37

Ethyl Acetate

Concen: 16.179 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078088.D

Acq: 28 Dec 2023 13:10

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBSD01

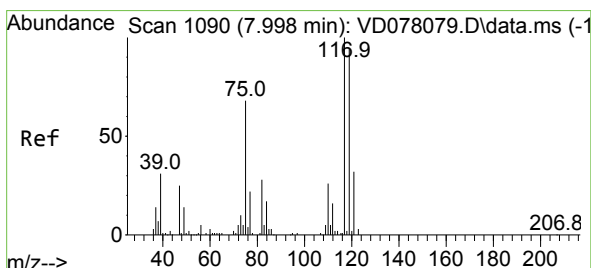
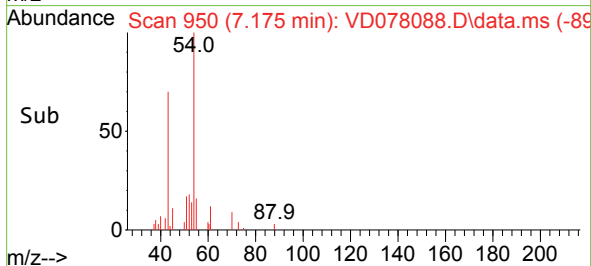
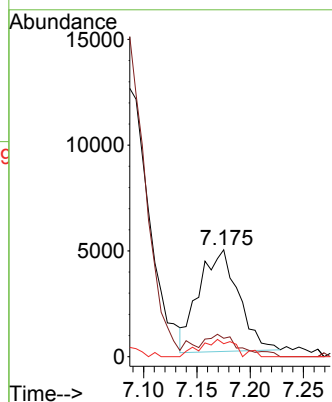
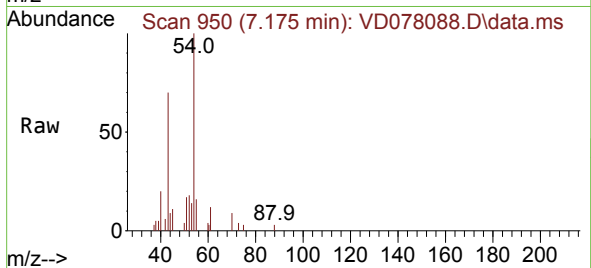
Tgt Ion: 43 Resp: 12471

Ion Ratio Lower Upper

43 100

61 18.5 14.9 22.3

70 15.5 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 17.562 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VD078088.D

Acq: 28 Dec 2023 13:10

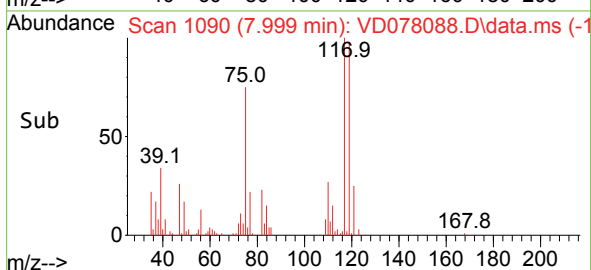
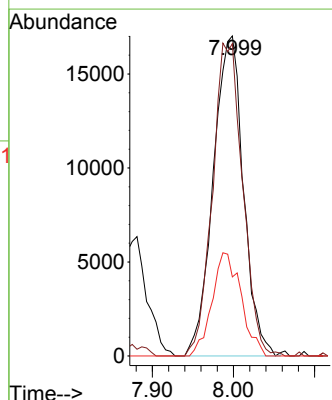
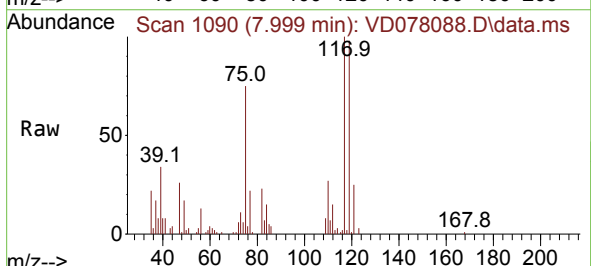
Tgt Ion: 117 Resp: 44105

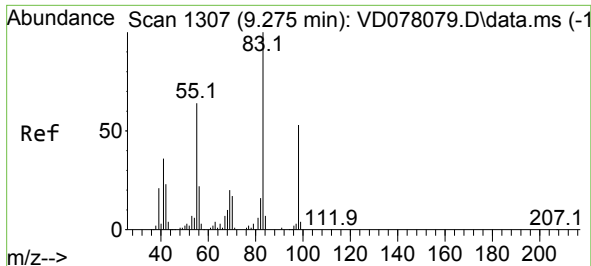
Ion Ratio Lower Upper

117 100

119 97.6 78.0 117.0

121 24.7 24.2 36.2

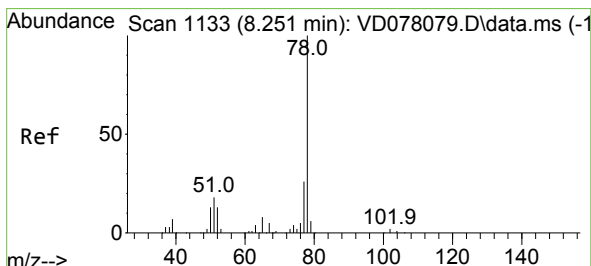
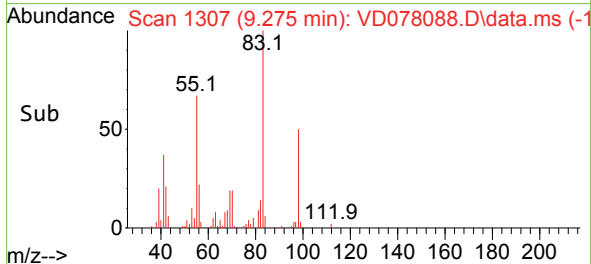
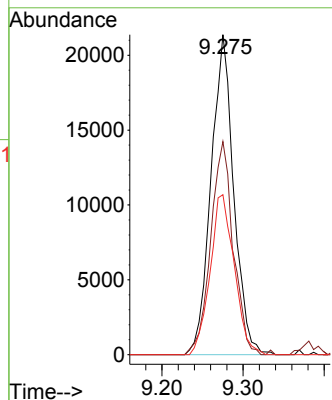
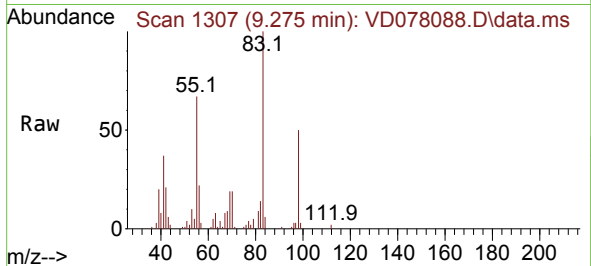




#39
Methylcyclohexane
Concen: 15.628 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

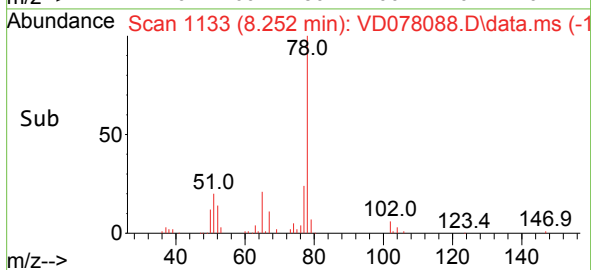
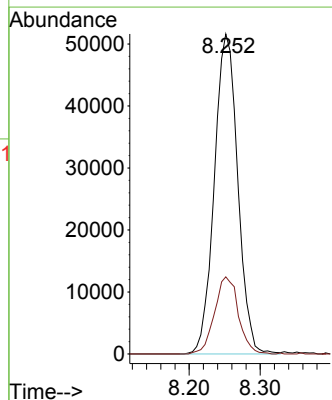
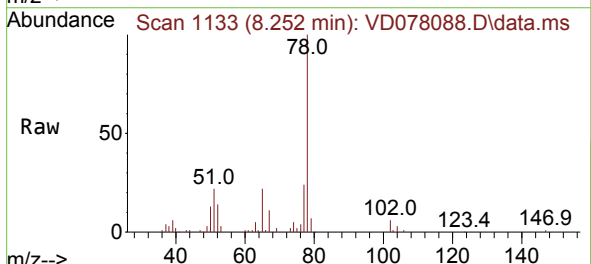
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

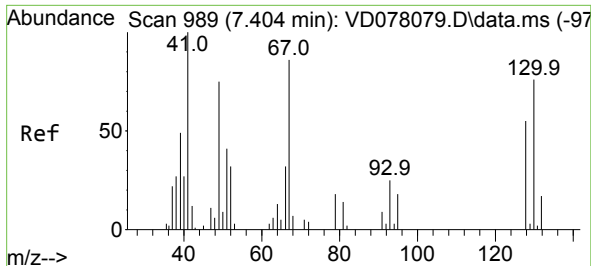
Tgt Ion: 83 Resp: 41524
Ion Ratio Lower Upper
83 100
55 66.6 49.4 74.0
98 50.0 38.4 57.6



#40
Benzene
Concen: 17.674 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 78 Resp: 118057
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0



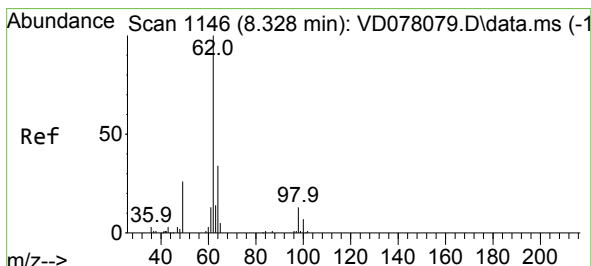
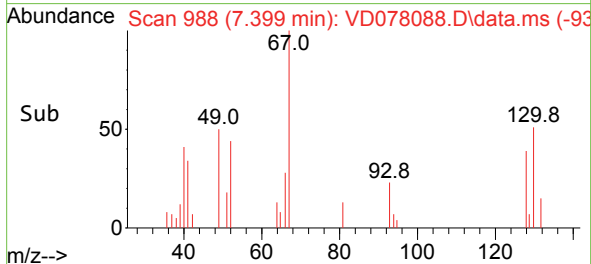
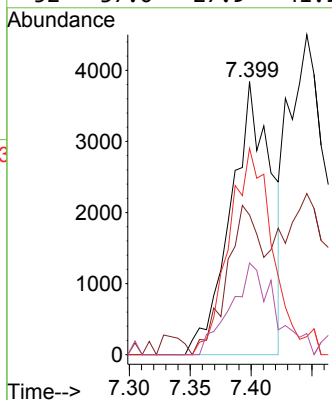
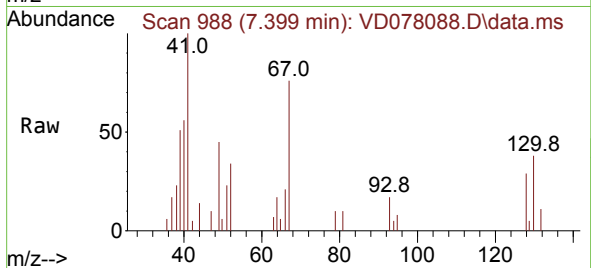


#41
Methacrylonitrile
Concen: 18.068 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

Tgt Ion: 41 Resp: 8811

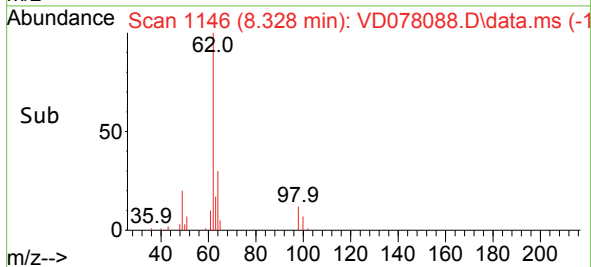
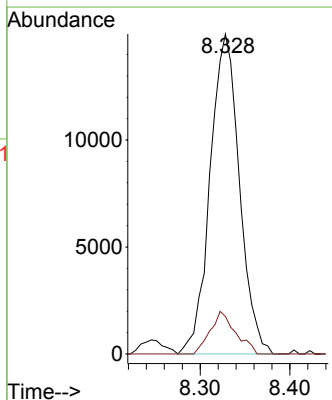
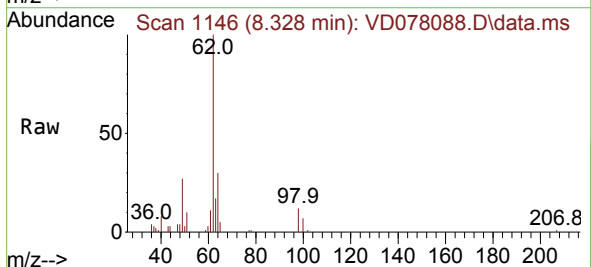
Ion	Ratio	Lower	Upper
41	100		
39	46.5	34.0	51.0
67	82.7	77.0	115.4
52	37.0	27.9	41.9

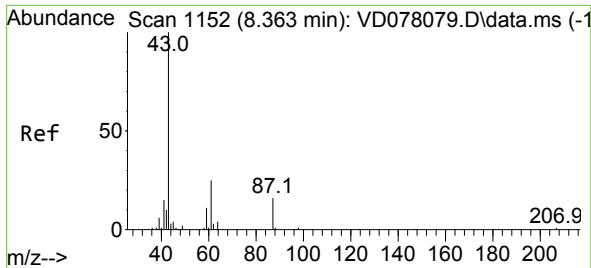


#42
1,2-Dichloroethane
Concen: 18.802 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 62 Resp: 33942

Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	25.4

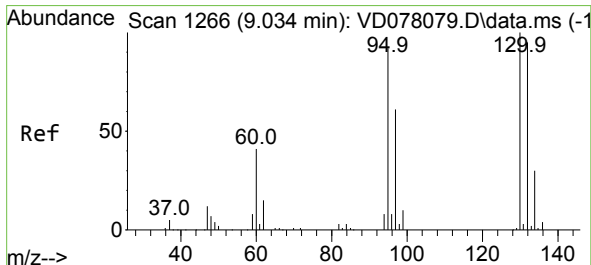
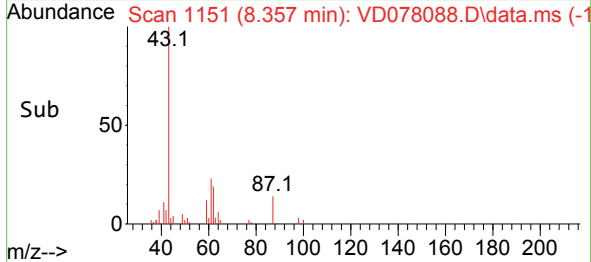
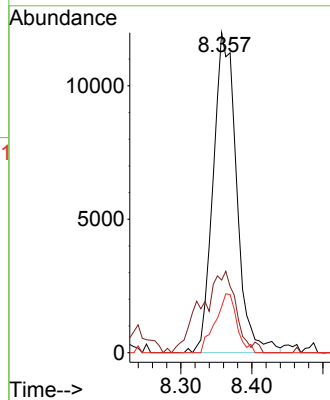
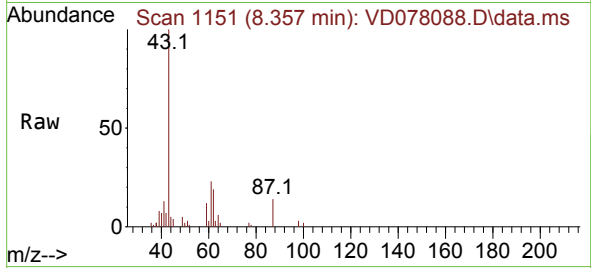




#43
Isopropyl Acetate
Concen: 17.736 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

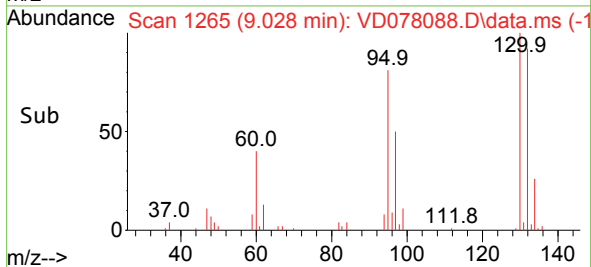
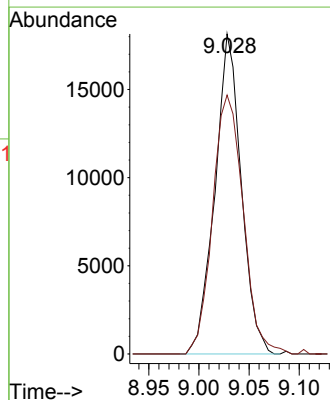
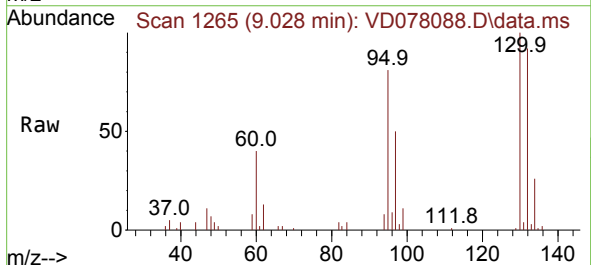
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

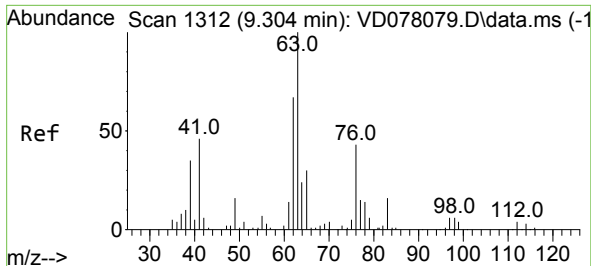
Tgt Ion: 43 Resp: 27371
Ion Ratio Lower Upper
43 100
61 24.5 31.4 47.0#
87 16.8 14.9 22.3



#44
Trichloroethene
Concen: 17.222 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion:130 Resp: 33096
Ion Ratio Lower Upper
130 100
95 80.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 18.055 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078088.D

Acq: 28 Dec 2023 13:10

Instrument :

MSVOA_D

ClientSampleId :

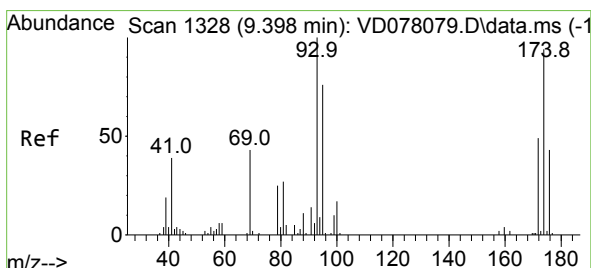
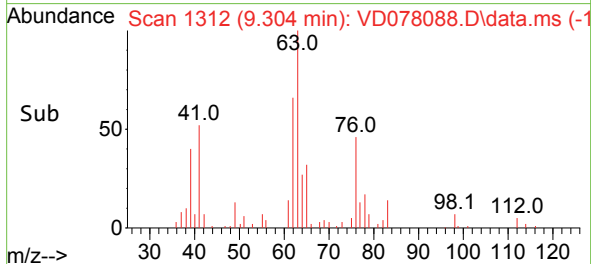
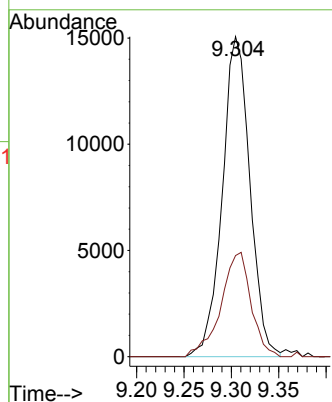
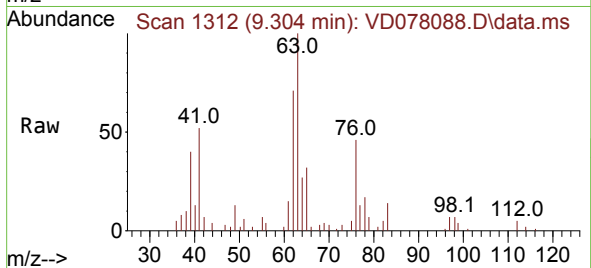
VD1228SBS01

Tgt Ion: 63 Resp: 30560

Ion Ratio Lower Upper

63 100

65 31.6 24.5 36.7



#46

Dibromomethane

Concen: 19.199 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD078088.D

Acq: 28 Dec 2023 13:10

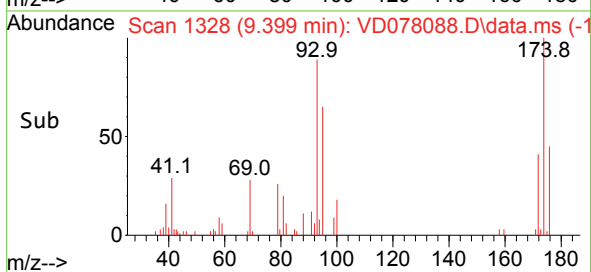
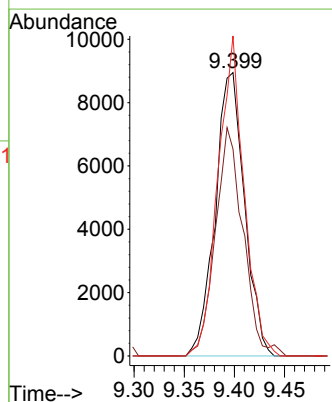
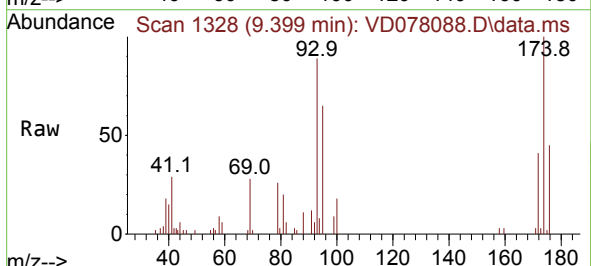
Tgt Ion: 93 Resp: 18201

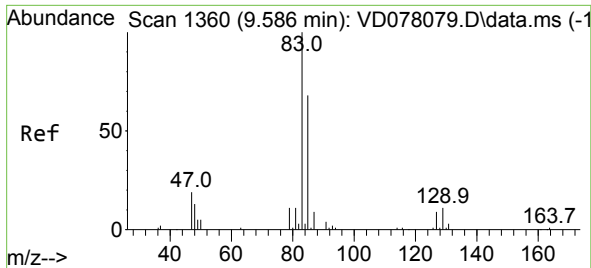
Ion Ratio Lower Upper

93 100

95 76.2 67.7 101.5

174 100.7 85.4 128.2

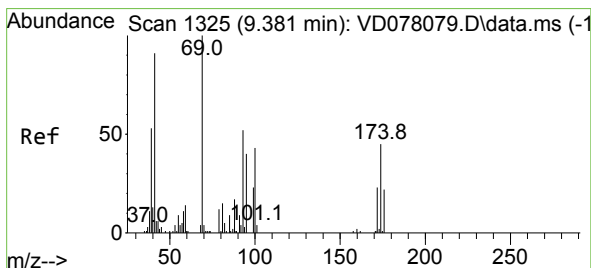
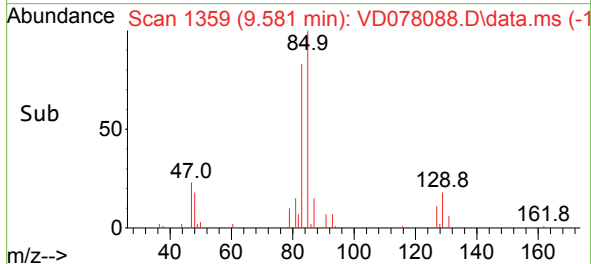
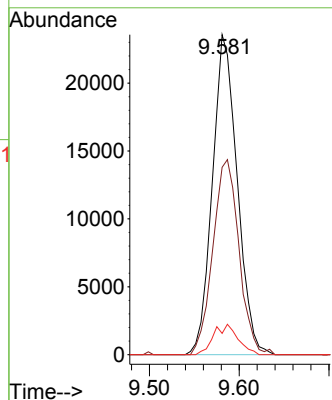
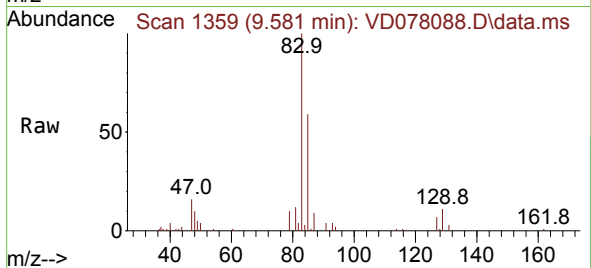




#47
Bromodichloromethane
Concen: 18.393 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

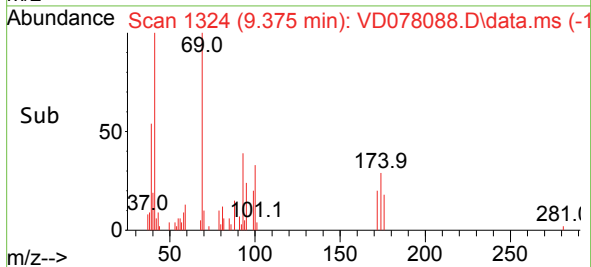
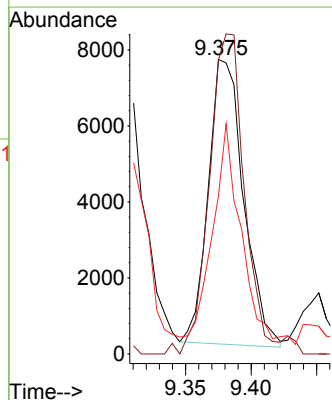
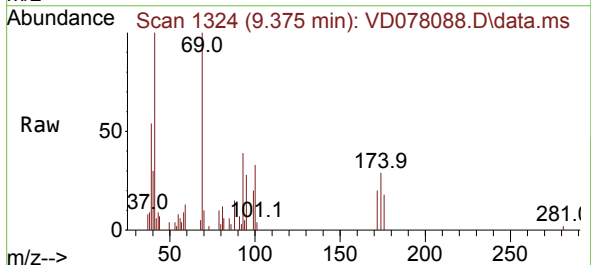
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

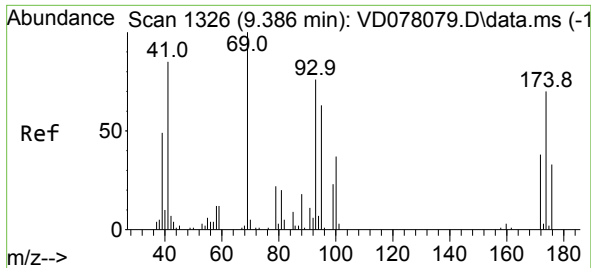
Tgt Ion: 83 Resp: 45294
Ion Ratio Lower Upper
83 100
85 58.5 50.2 75.4
127 6.6 6.3 9.5



#48
Methyl methacrylate
Concen: 16.179 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 41 Resp: 14071
Ion Ratio Lower Upper
41 100
69 113.4 102.2 153.2
39 57.6 41.4 62.2

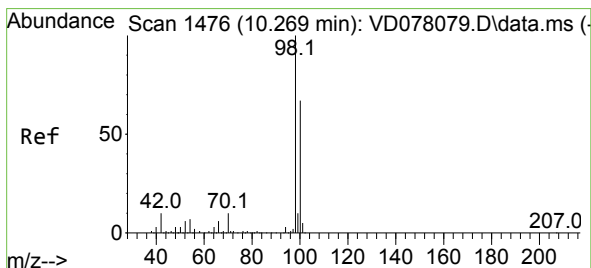
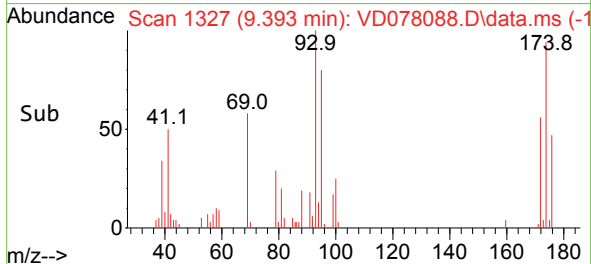
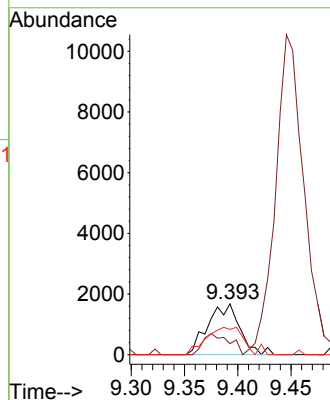
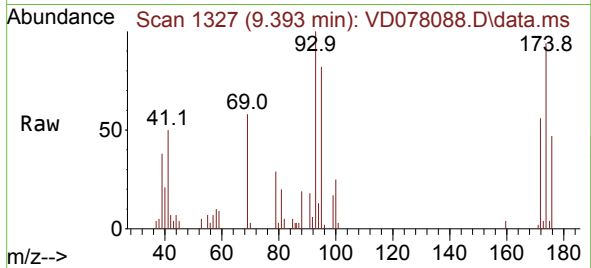




#49
 1,4-Dioxane
 Concen: 389.869 ug/l
 RT: 9.393 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD078088.D
 Acq: 28 Dec 2023 13:10

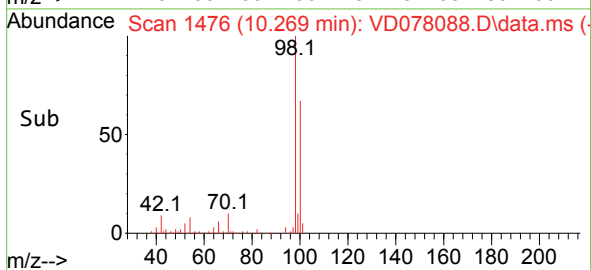
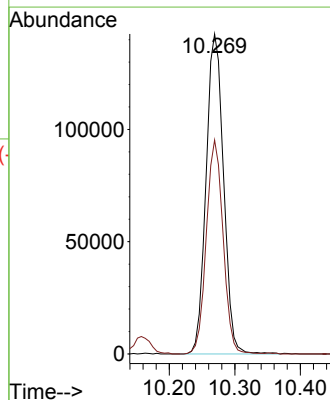
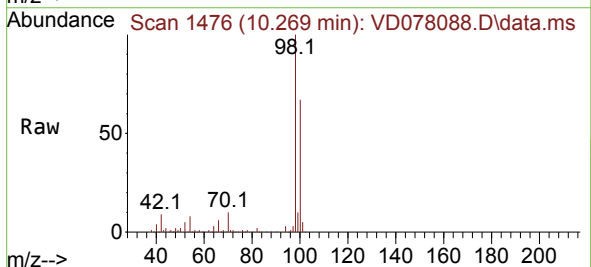
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBSD01

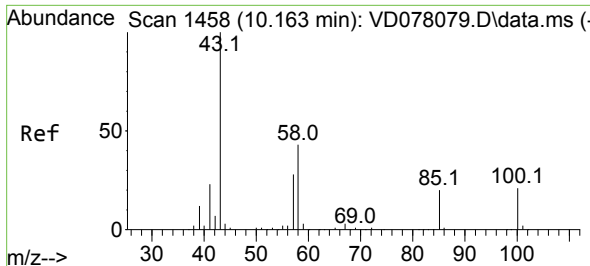
Tgt Ion: 88 Resp: 3494
 Ion Ratio Lower Upper
 88 100
 43 0.0 19.0 28.6#
 58 60.9 43.5 65.3



#50
 Toluene-d8
 Concen: 45.593 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD078088.D
 Acq: 28 Dec 2023 13:10

Tgt Ion: 98 Resp: 264248
 Ion Ratio Lower Upper
 98 100
 100 64.2 50.3 75.5

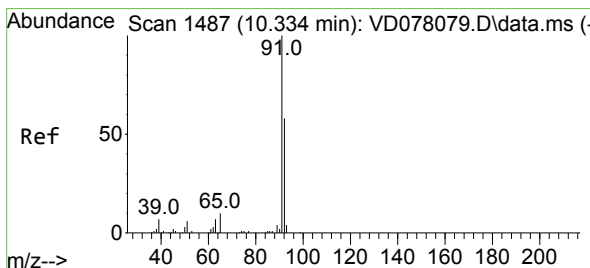
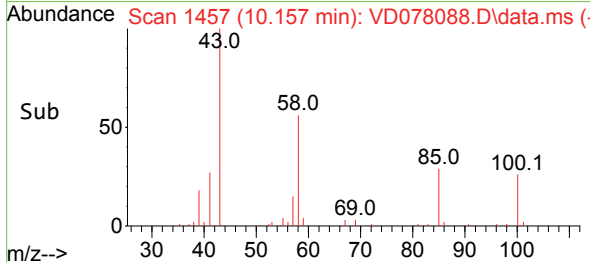
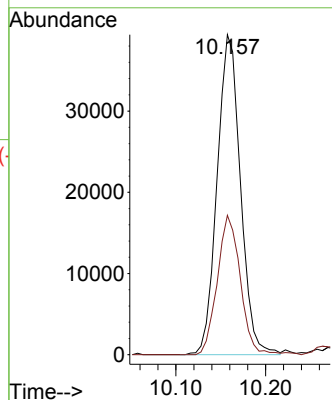
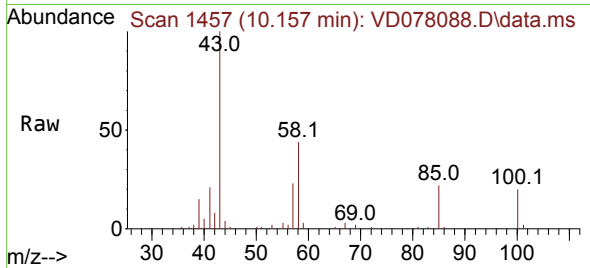




#51
4-Methyl-2-Pentanone
Concen: 89.776 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

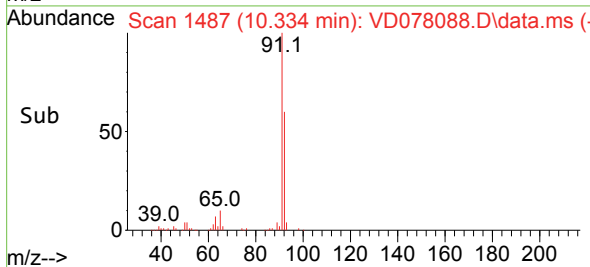
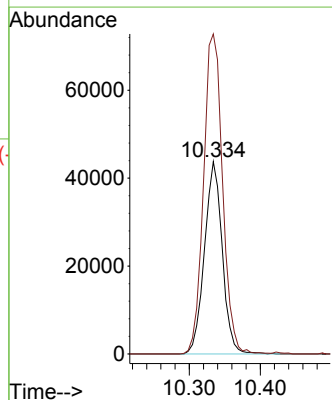
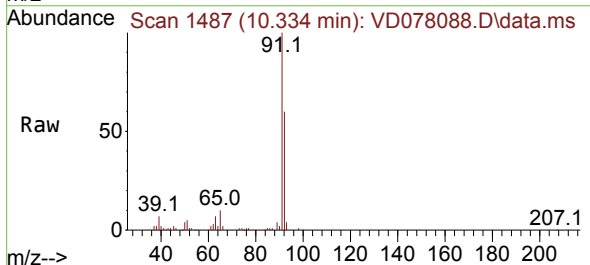
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

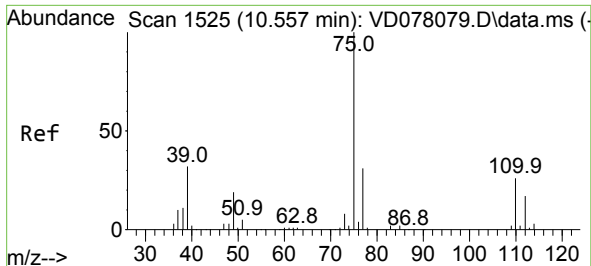
Tgt Ion: 43 Resp: 71089
Ion Ratio Lower Upper
43 100
58 43.1 38.9 58.3



#52
Toluene
Concen: 17.645 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 92 Resp: 76448
Ion Ratio Lower Upper
92 100
91 177.6 143.0 214.4

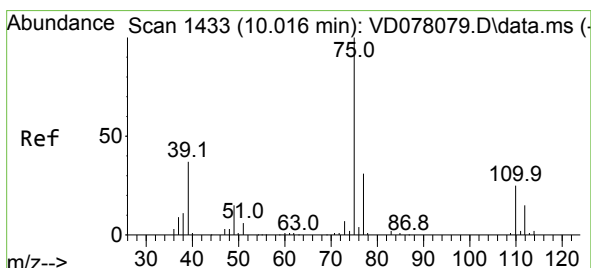
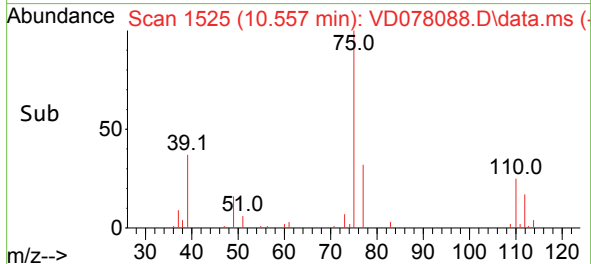
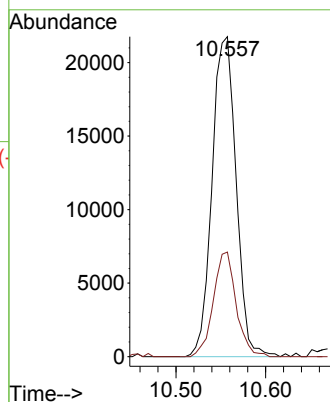
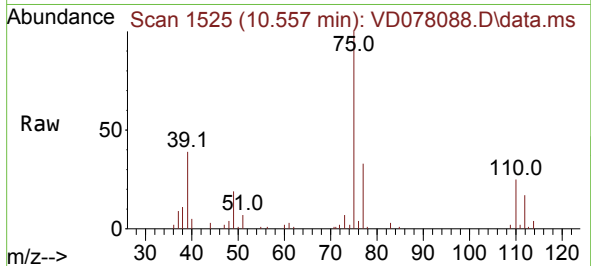




#53
 t-1,3-Dichloropropene
 Concen: 18.121 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD078088.D
 Acq: 28 Dec 2023 13:10

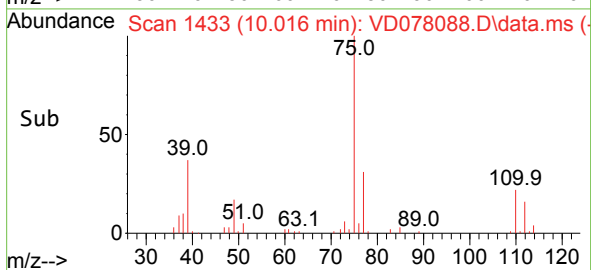
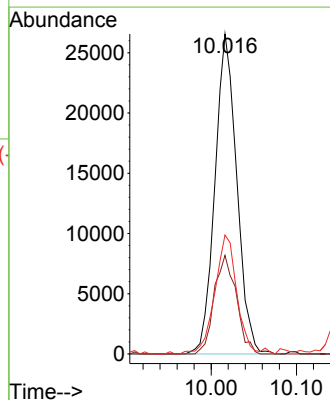
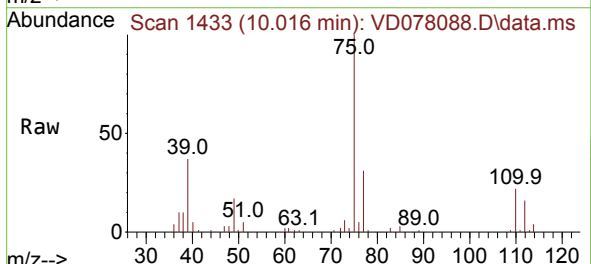
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBS01

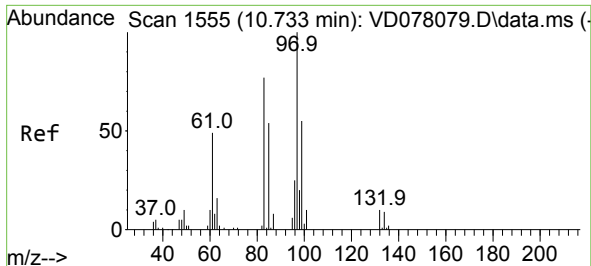
Tgt Ion: 75 Resp: 40488
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 17.599 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078088.D
 Acq: 28 Dec 2023 13:10

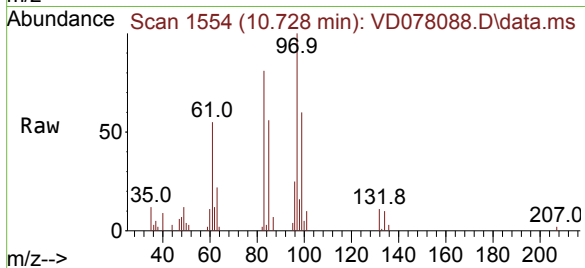
Tgt Ion: 75 Resp: 47220
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.5 38.3
 39 37.1 22.1 33.1#



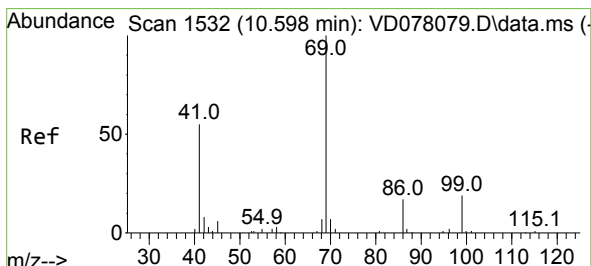
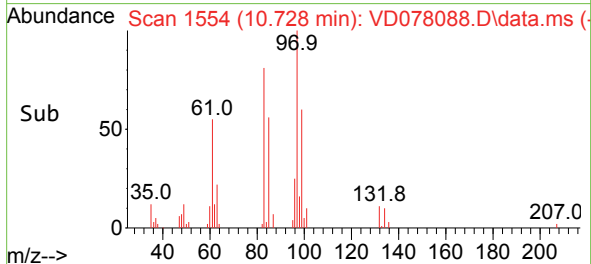
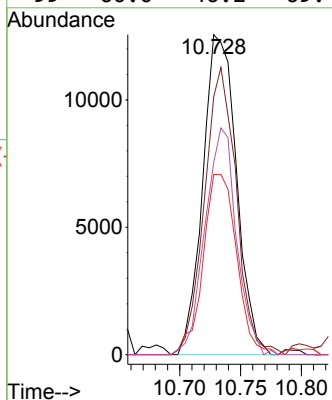


#55
1,1,2-Trichloroethane
Concen: 18.120 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

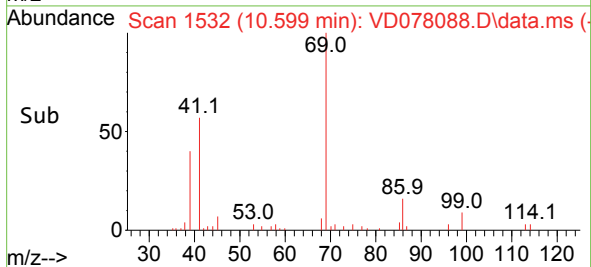
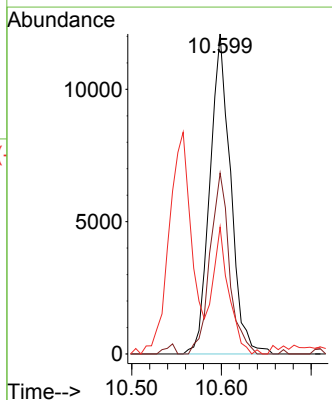
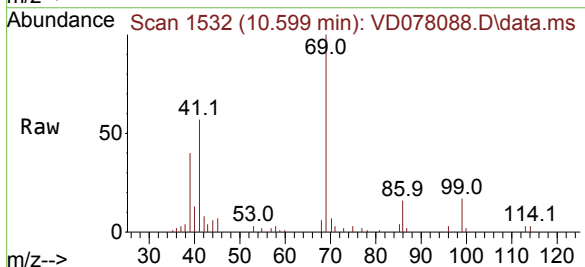


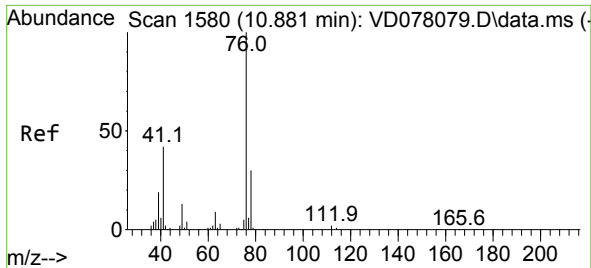
Tgt Ion:	97	Resp:	24173
Ion	Ratio	Lower	Upper
97	100		
83	79.2	65.8	98.6
85	56.3	45.7	68.5
99	60.0	46.2	69.4



#56
Ethyl methacrylate
Concen: 18.300 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion:	69	Resp:	19374
Ion	Ratio	Lower	Upper
69	100		
41	53.1	39.1	58.7
39	30.9	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 17.773 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078088.D

Acq: 28 Dec 2023 13:10

Instrument :

MSVOA_D

ClientSampleId :

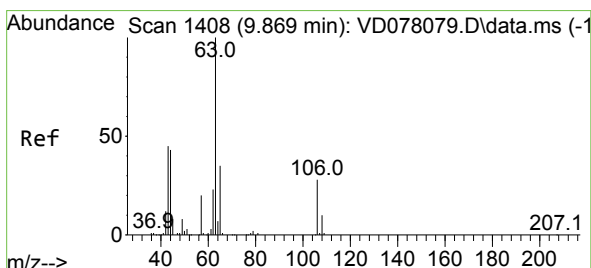
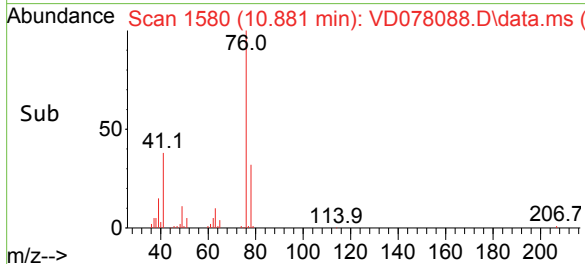
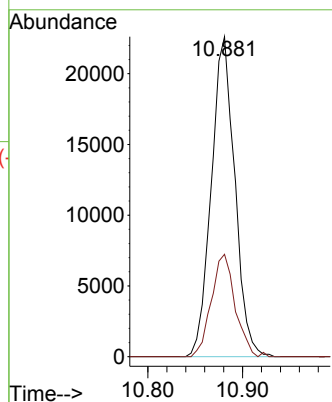
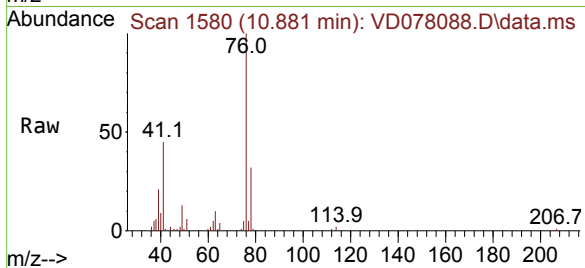
VD1228SBSD01

Tgt Ion: 76 Resp: 38957

Ion Ratio Lower Upper

76 100

78 32.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 91.957 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078088.D

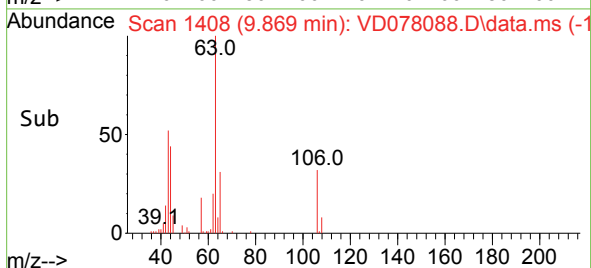
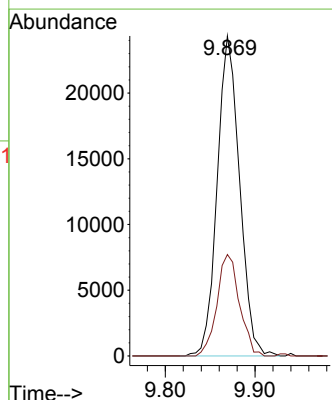
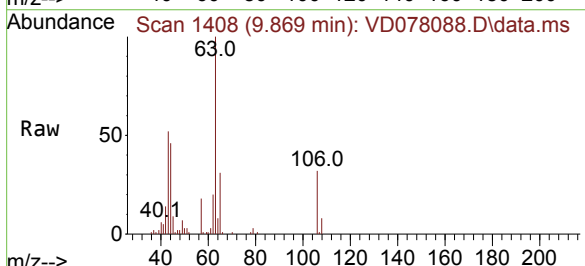
Acq: 28 Dec 2023 13:10

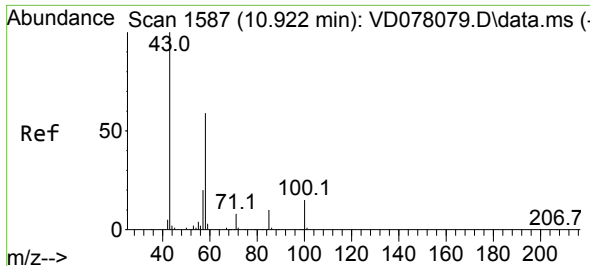
Tgt Ion: 63 Resp: 42150

Ion Ratio Lower Upper

63 100

106 31.9 25.3 37.9

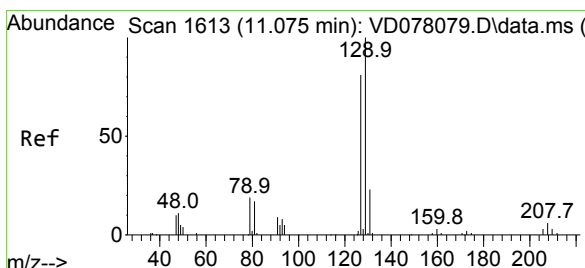
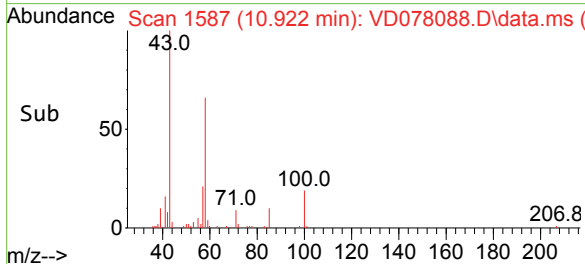
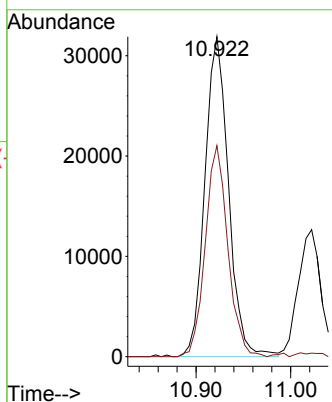
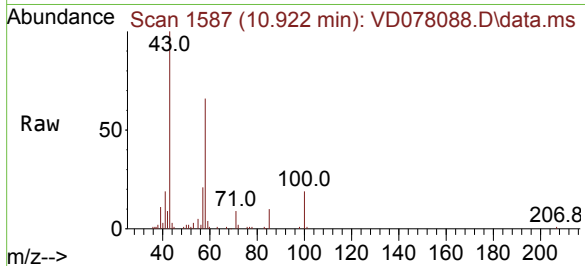




#59
2-Hexanone
Concen: 89.548 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

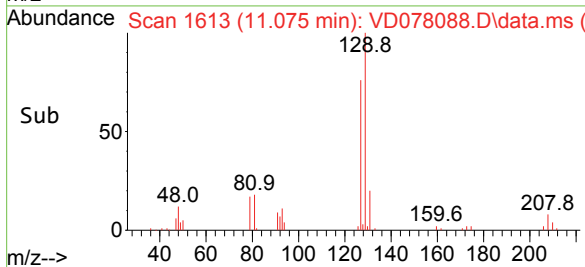
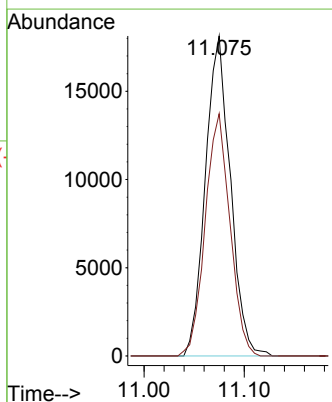
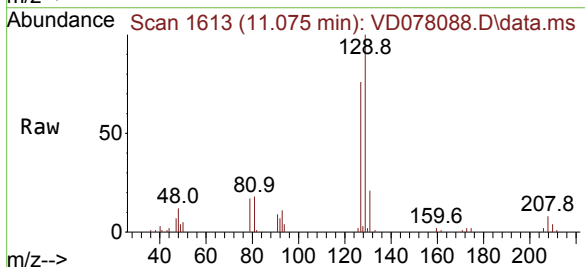
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

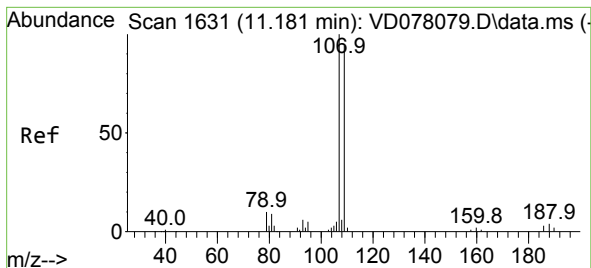
Tgt Ion: 43 Resp: 55079
Ion Ratio Lower Upper
43 100
58 63.1 34.1 102.2



#60
Dibromochloromethane
Concen: 18.482 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 129 Resp: 31411
Ion Ratio Lower Upper
129 100
127 75.0 37.1 111.5

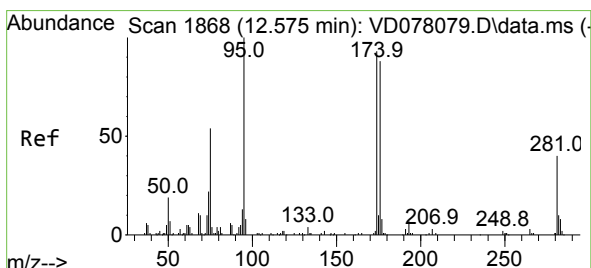
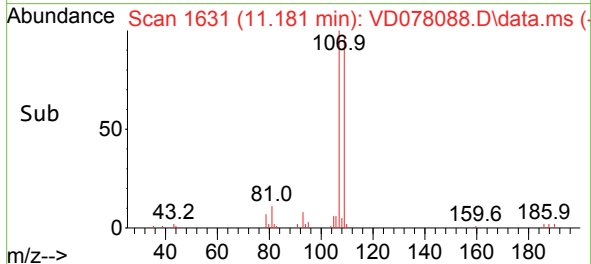
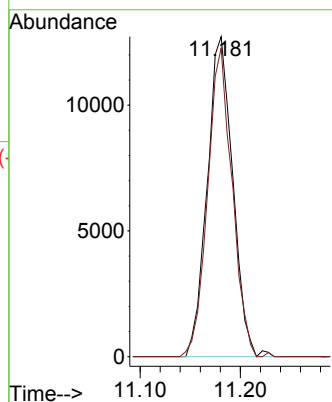
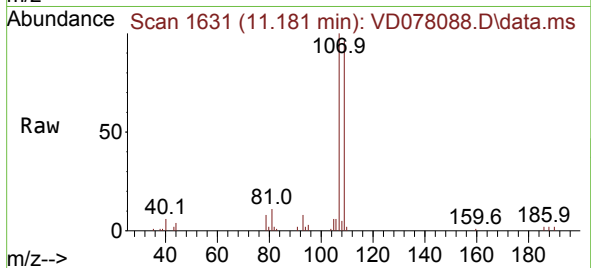




#61
1,2-Dibromoethane
Concen: 17.612 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

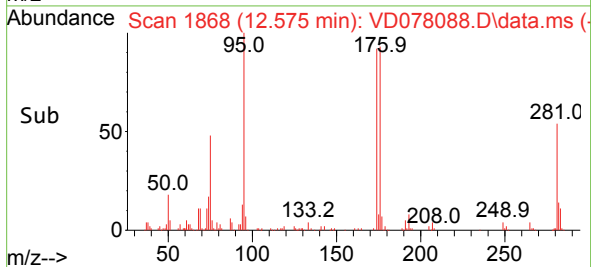
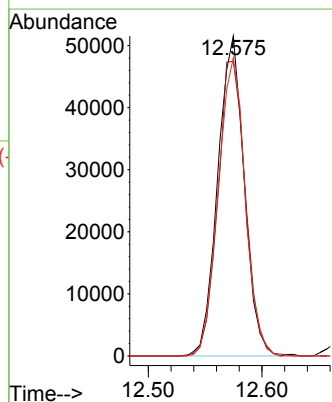
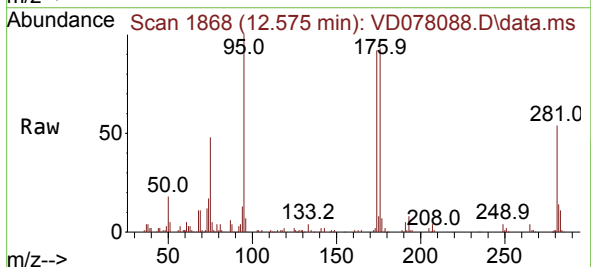
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

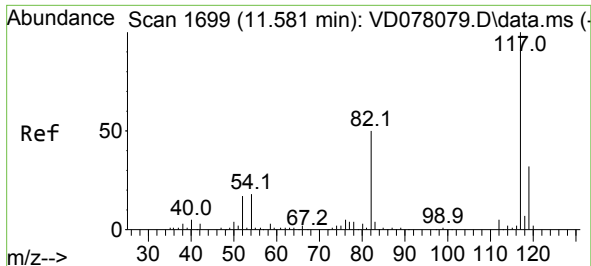
Tgt Ion:107 Resp: 22526
Ion Ratio Lower Upper
107 100
109 92.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 44.634 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 95 Resp: 83236
Ion Ratio Lower Upper
95 100
174 96.5 0.0 201.8
176 94.9 0.0 191.8

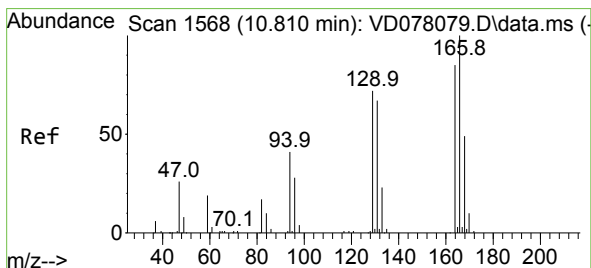
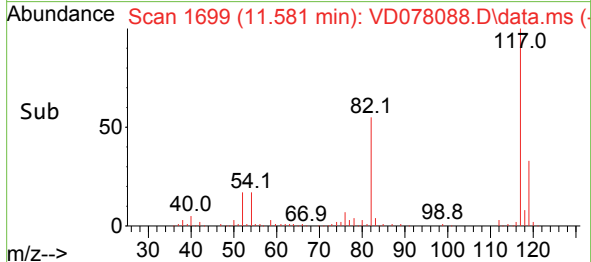
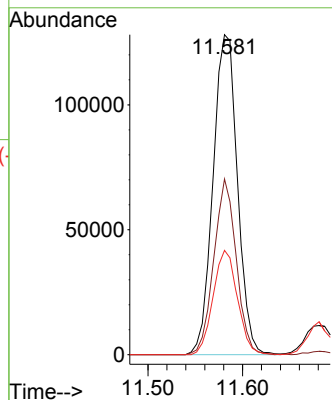
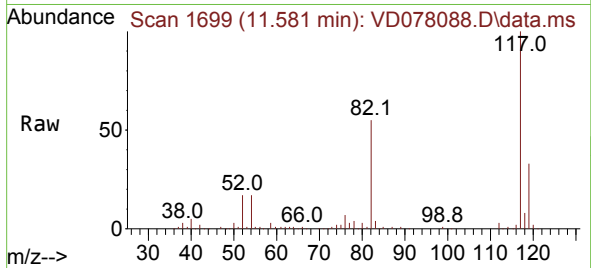




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

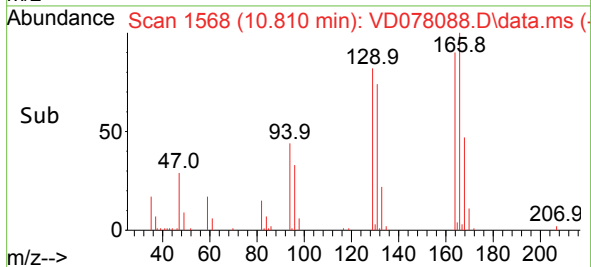
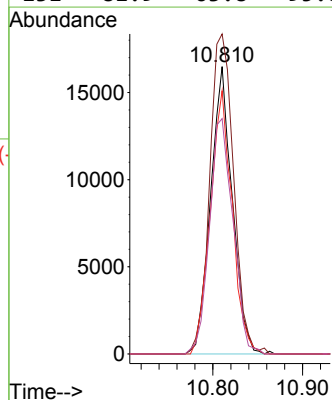
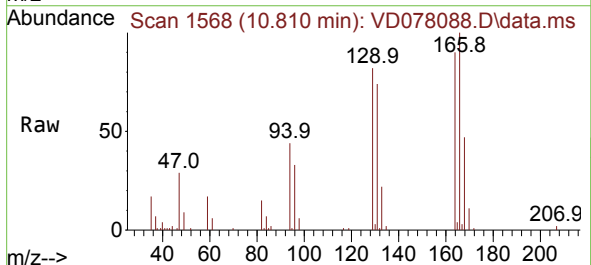
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

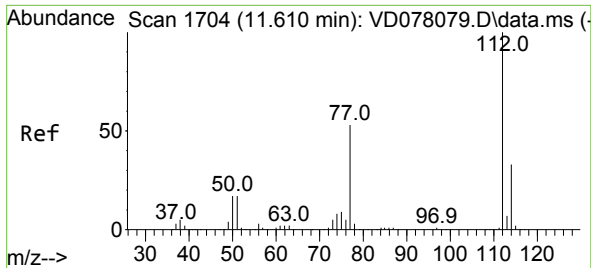
Tgt Ion:117 Resp: 229859
Ion Ratio Lower Upper
117 100
82 54.9 38.3 57.5
119 32.6 25.0 37.4



#64
Tetrachloroethene
Concen: 17.894 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion:164 Resp: 27793
Ion Ratio Lower Upper
164 100
166 111.4 99.2 148.8
129 91.6 68.4 102.6
131 81.9 63.8 95.8

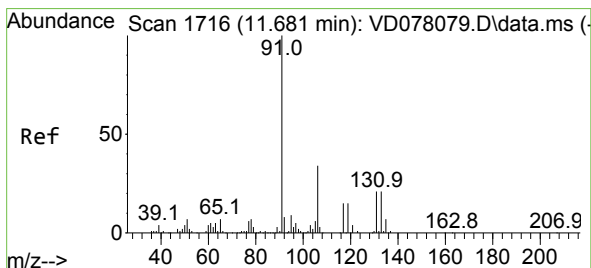
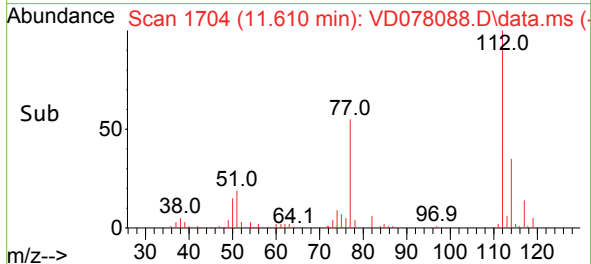
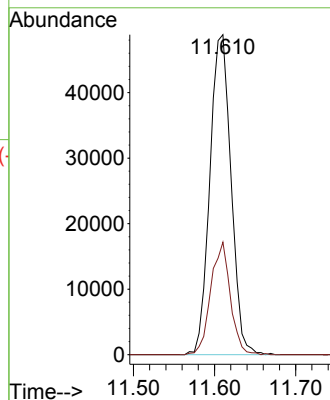
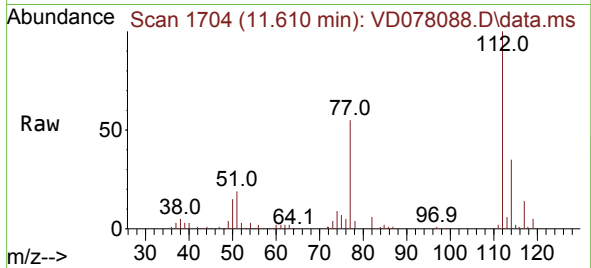




#65
Chlorobenzene
Concen: 18.105 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

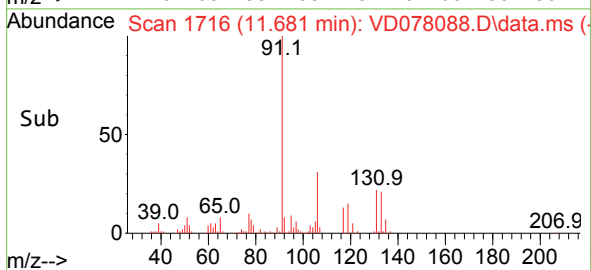
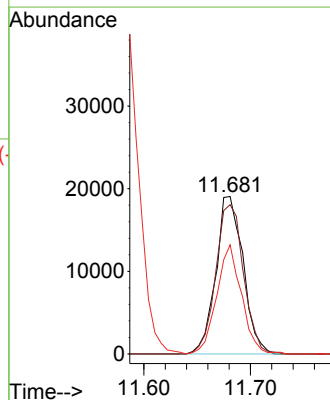
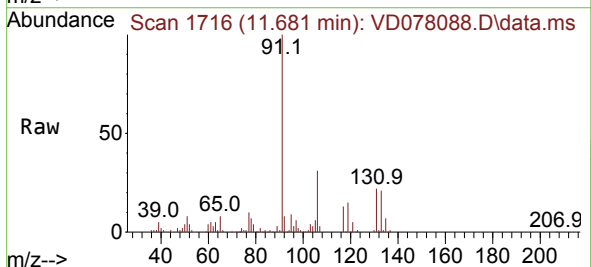
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

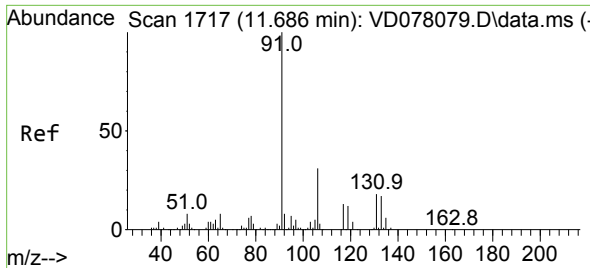
Tgt Ion:112 Resp: 88413
Ion Ratio Lower Upper
112 100
114 35.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.340 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion:131 Resp: 33898
Ion Ratio Lower Upper
131 100
133 96.7 48.5 145.5
119 62.9 35.6 106.9

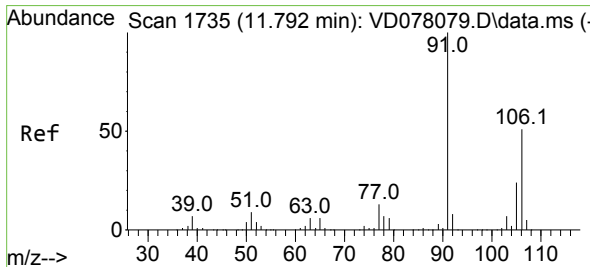
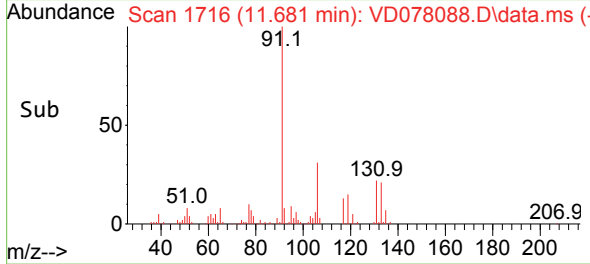
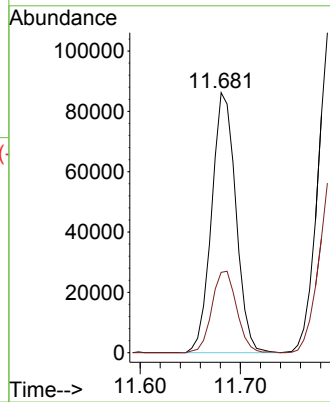
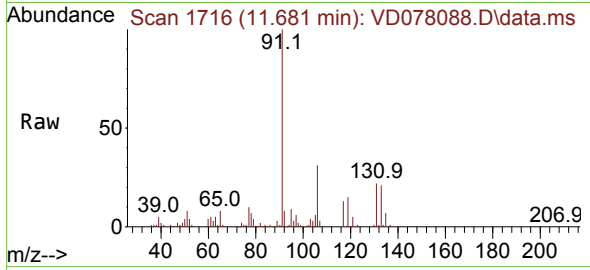




#67
Ethyl Benzene
Concen: 16.987 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

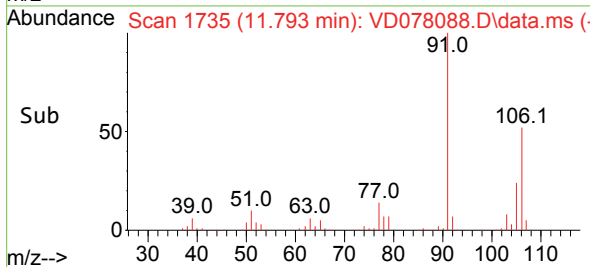
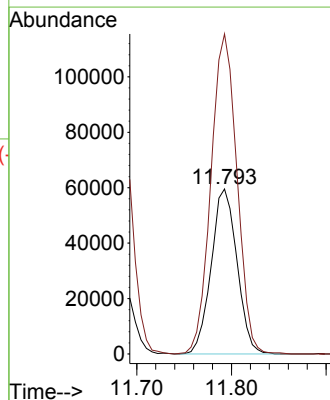
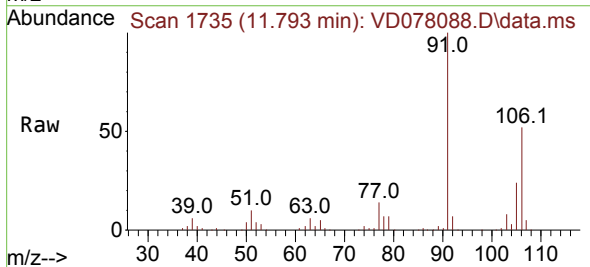
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

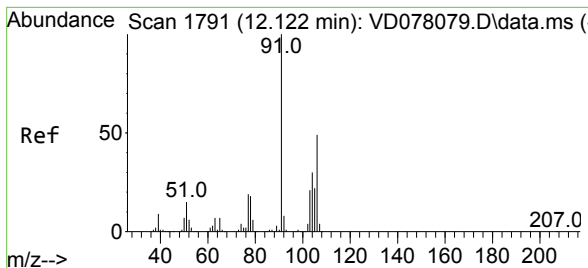
Tgt Ion: 91 Resp: 144613
Ion Ratio Lower Upper
91 100
106 30.9 26.5 39.7



#68
m/p-Xylenes
Concen: 34.005 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion:106 Resp: 112667
Ion Ratio Lower Upper
106 100
91 195.7 147.0 220.6

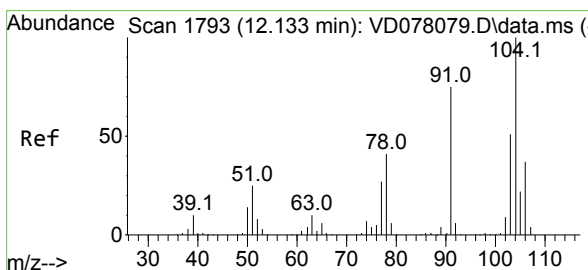
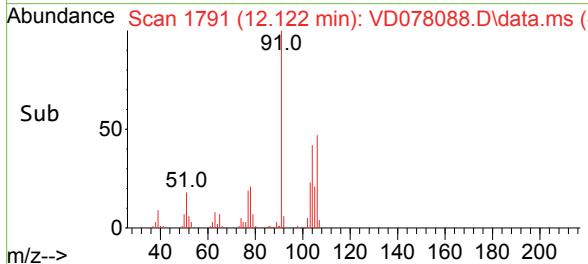
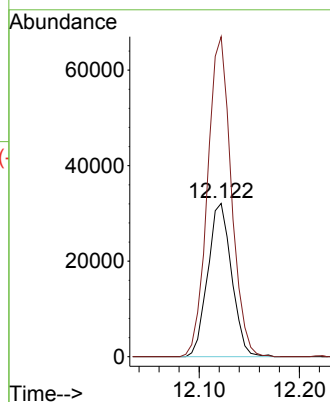
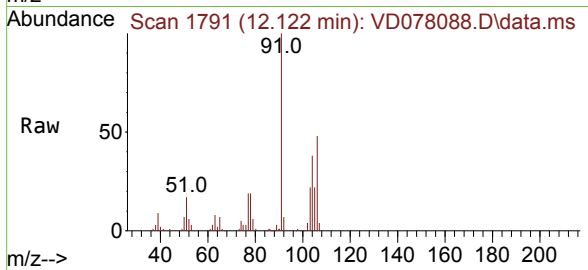




#69
o-Xylene
Concen: 17.194 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

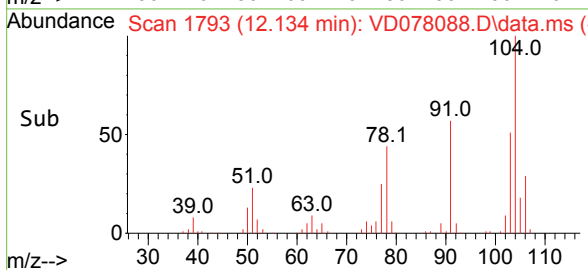
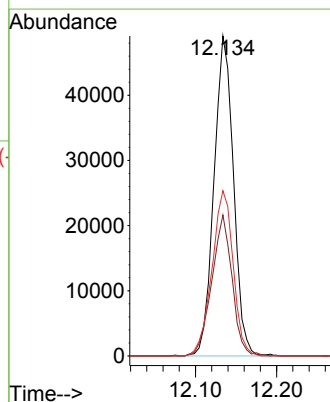
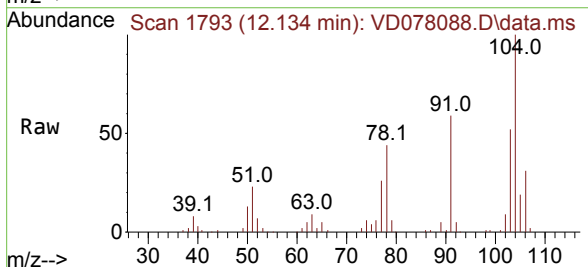
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

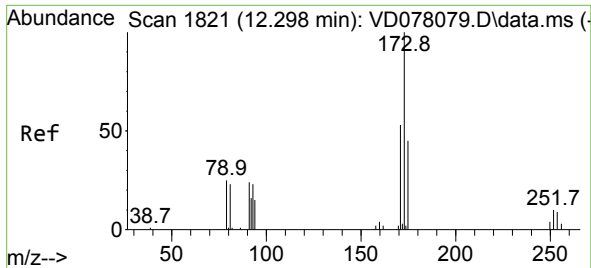
Tgt Ion:106 Resp: 53095
Ion Ratio Lower Upper
106 100
91 207.9 97.9 293.6



#70
Styrene
Concen: 17.979 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion:104 Resp: 81973
Ion Ratio Lower Upper
104 100
78 46.0 33.2 49.8
103 56.1 43.6 65.4

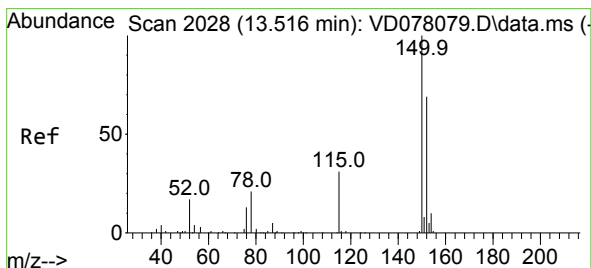
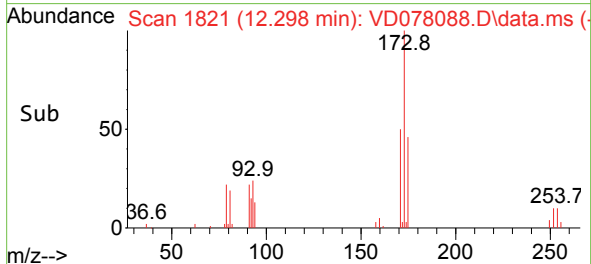
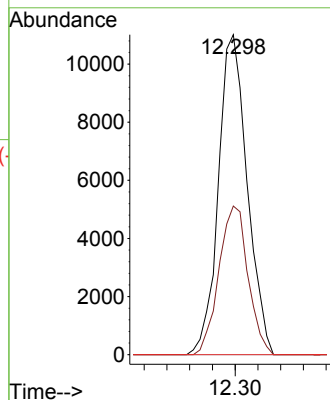
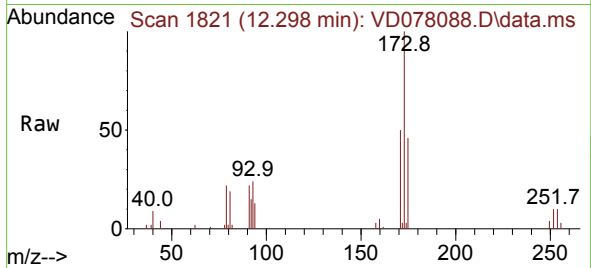




#71
Bromoform
Concen: 19.009 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

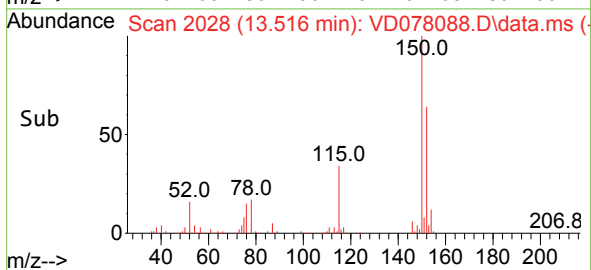
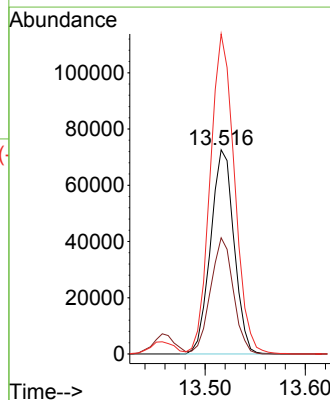
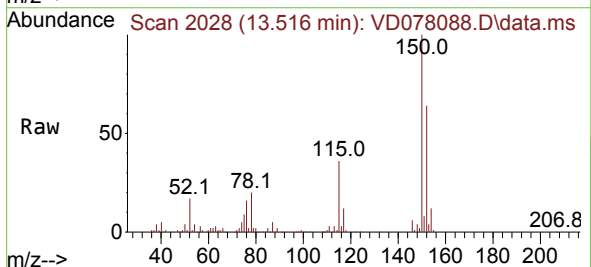
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

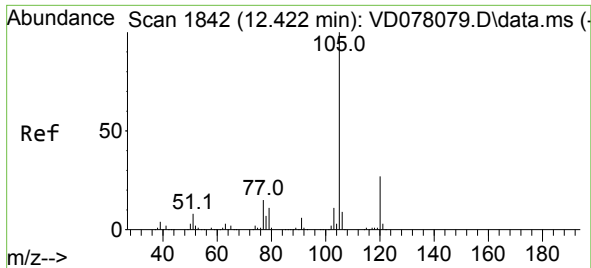
Tgt Ion:173 Resp: 19383
Ion Ratio Lower Upper
173 100
175 46.9 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion:152 Resp: 117913
Ion Ratio Lower Upper
152 100
115 55.4 27.1 81.3
150 163.0 0.0 353.6

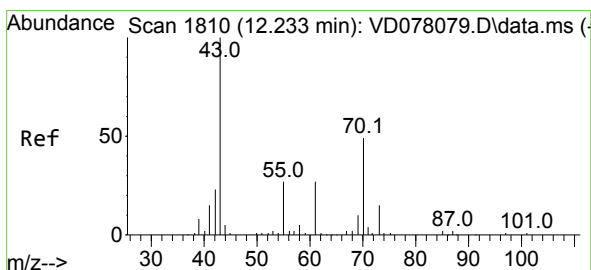
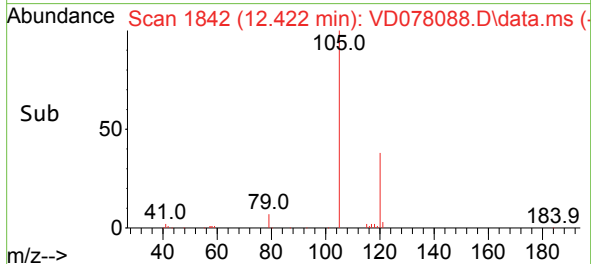
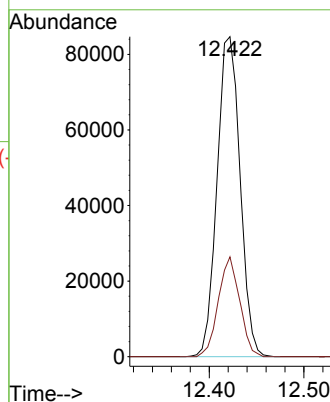
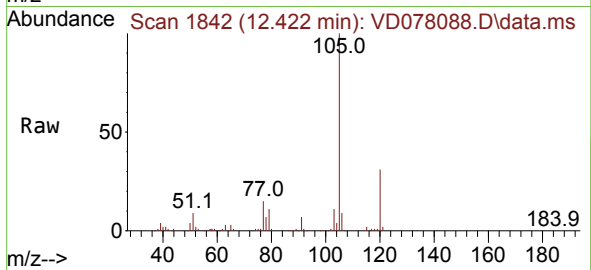




#73
Isopropylbenzene
Concen: 17.628 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

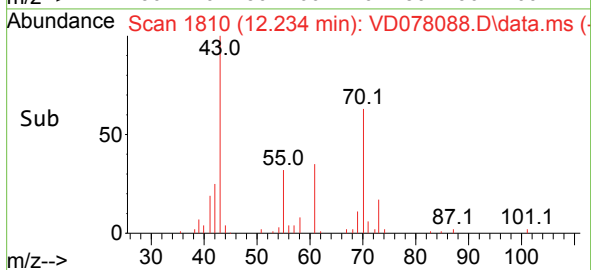
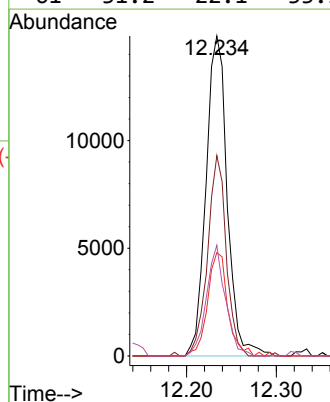
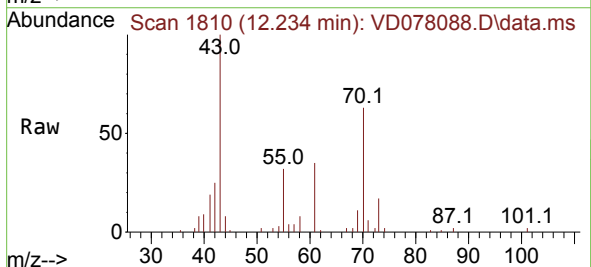
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

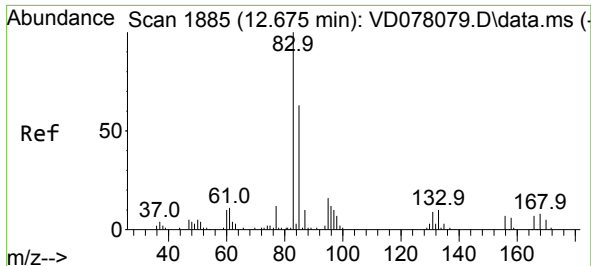
Tgt Ion:105 Resp: 143165
Ion Ratio Lower Upper
105 100
120 28.9 14.3 42.9



#74
N-ethyl acetate
Concen: 18.085 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 43 Resp: 24382
Ion Ratio Lower Upper
43 100
70 55.1 45.0 67.4
55 31.3 23.8 35.6
61 31.2 22.1 33.1

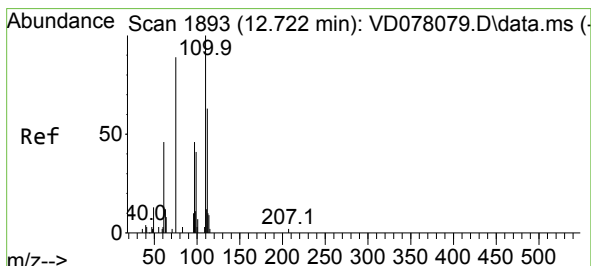
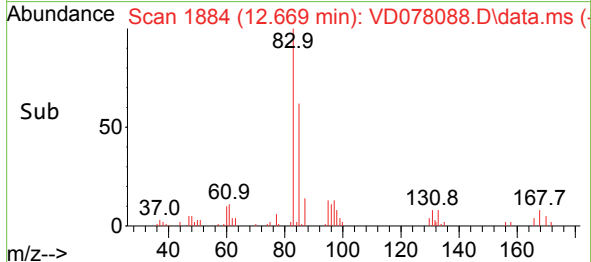
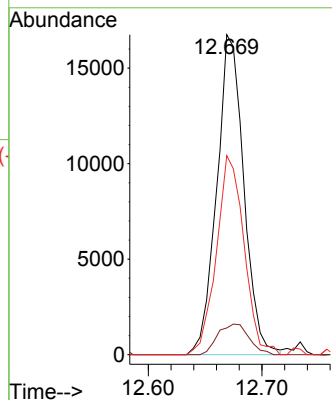
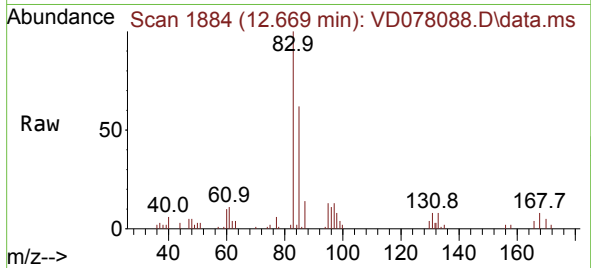




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.780 ug/l
 RT: 12.669 min Scan# 1884
 Delta R.T. -0.006 min
 Lab File: VD078088.D
 Acq: 28 Dec 2023 13:10

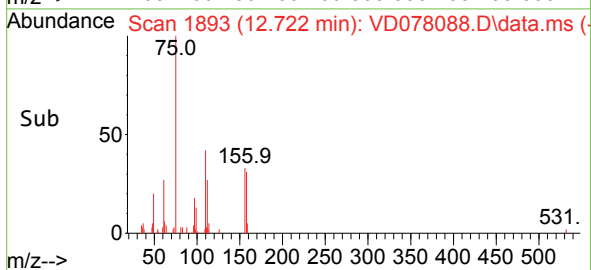
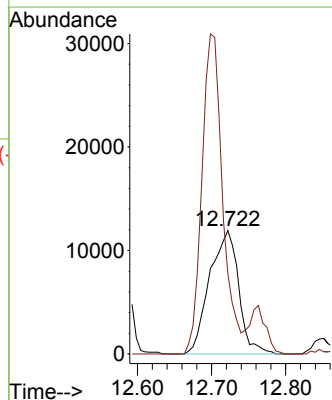
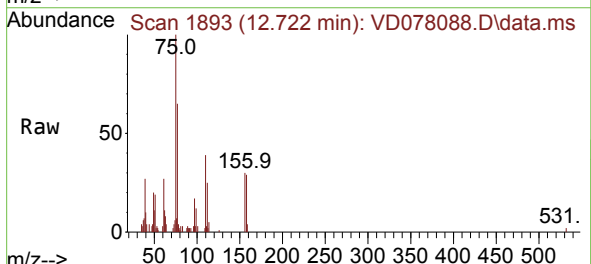
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBSD01

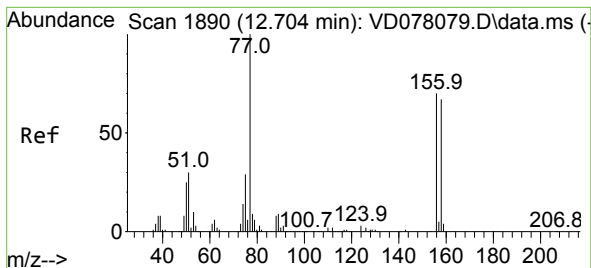
Tgt Ion: 83 Resp: 27719
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.1 15.3
 85 63.5 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 32.647 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD078088.D
 Acq: 28 Dec 2023 13:10

Tgt Ion: 75 Resp: 32477
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.421 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078088.D

Acq: 28 Dec 2023 13:10

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBS01

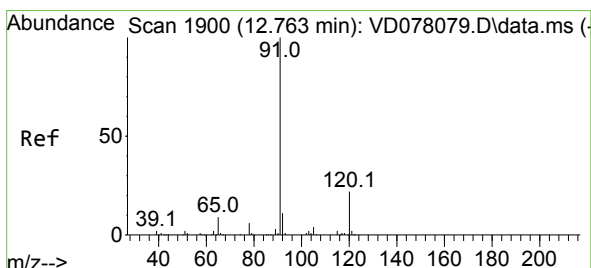
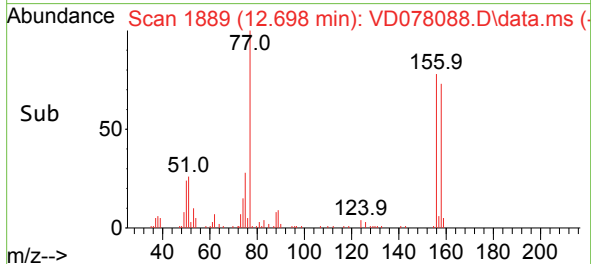
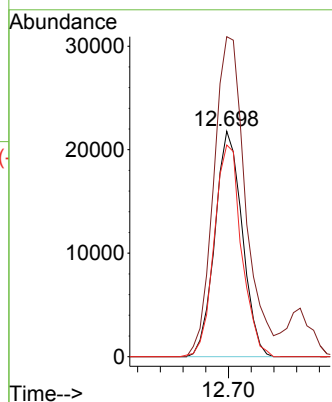
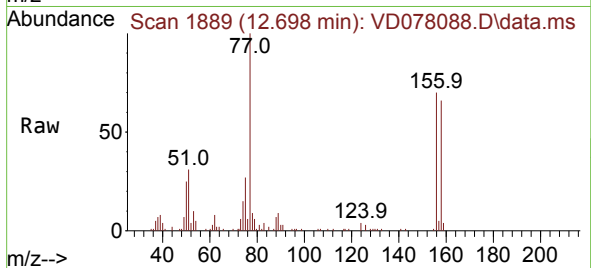
Tgt Ion:156 Resp: 36394

Ion Ratio Lower Upper

156 100

77 164.6 76.8 230.4

158 94.1 48.6 145.9



#78

n-propylbenzene

Concen: 17.746 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078088.D

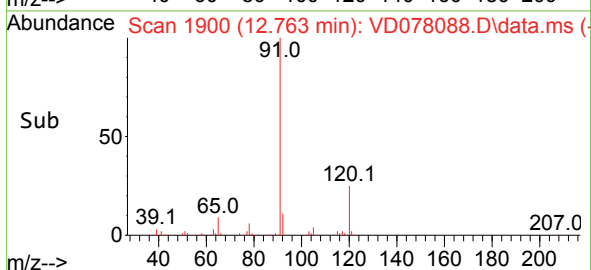
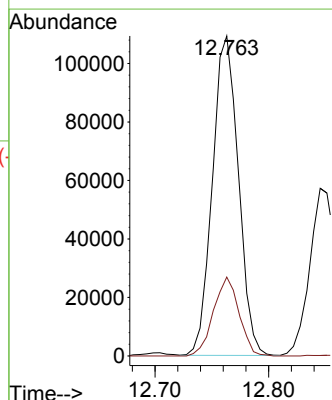
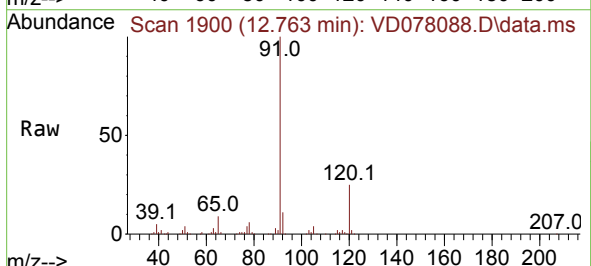
Acq: 28 Dec 2023 13:10

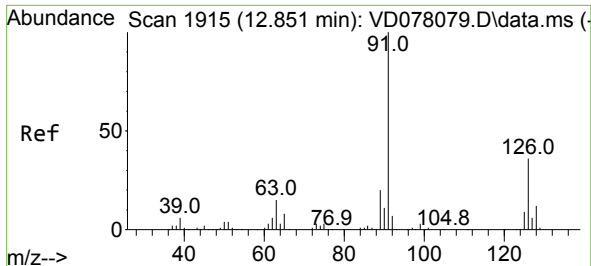
Tgt Ion: 91 Resp: 173479

Ion Ratio Lower Upper

91 100

120 24.3 12.4 37.2

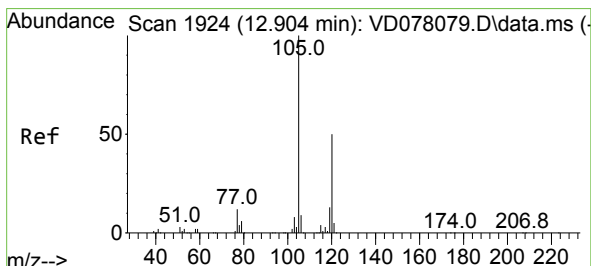
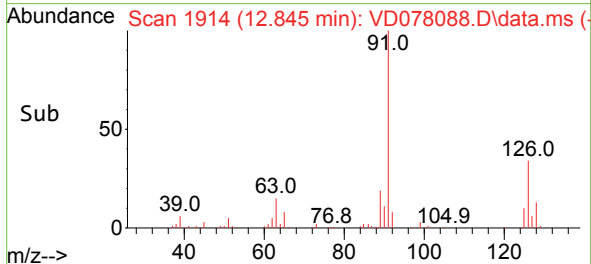
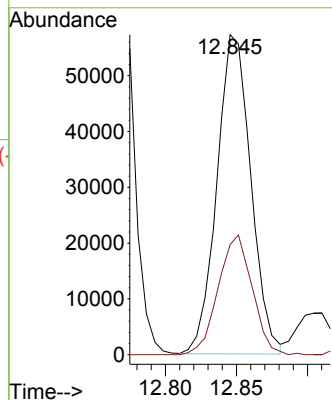
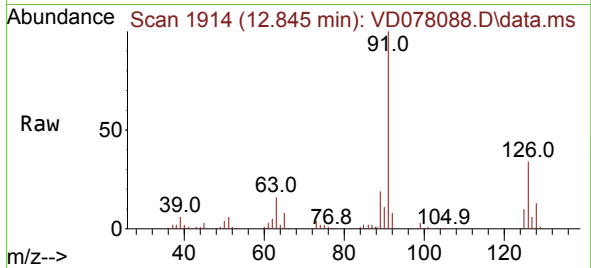




#79
2-Chlorotoluene
Concen: 18.006 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

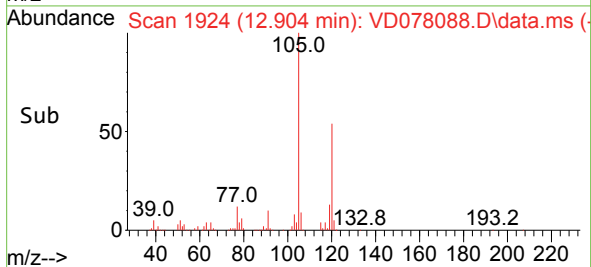
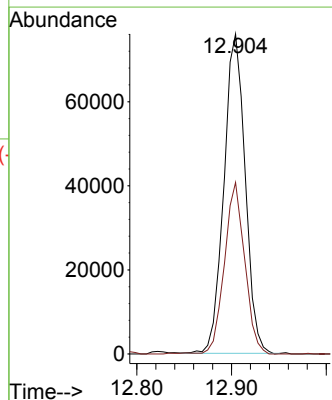
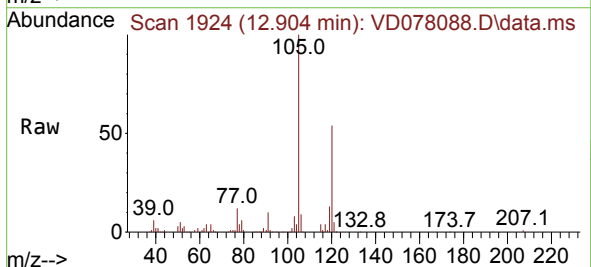
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

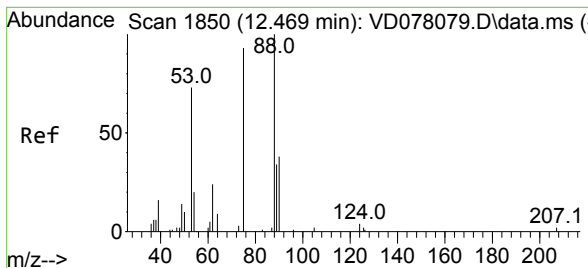
Tgt Ion: 91 Resp: 95209
Ion Ratio Lower Upper
91 100
126 37.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 17.639 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 105 Resp: 118485
Ion Ratio Lower Upper
105 100
120 51.1 26.4 79.2

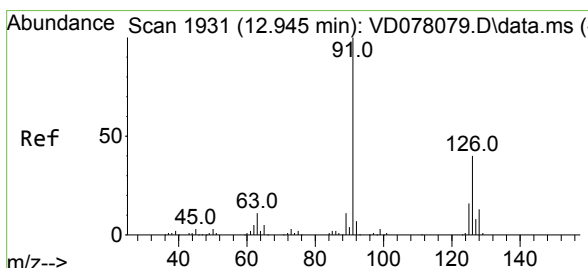
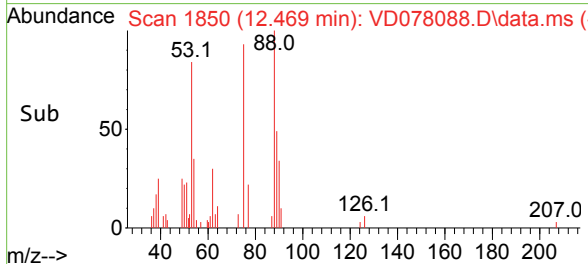
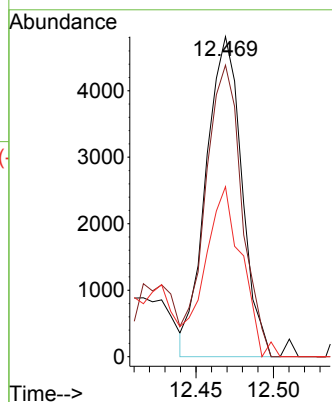
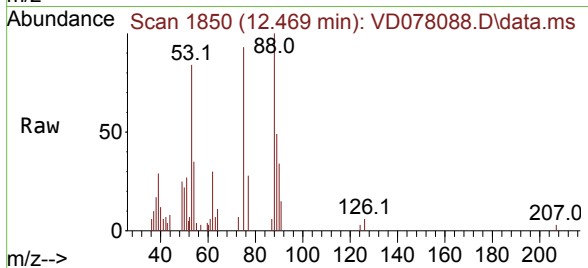




#81
trans-1,4-Dichloro-2-butene
Concen: 16.709 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

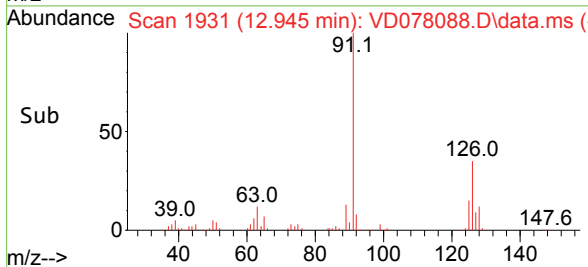
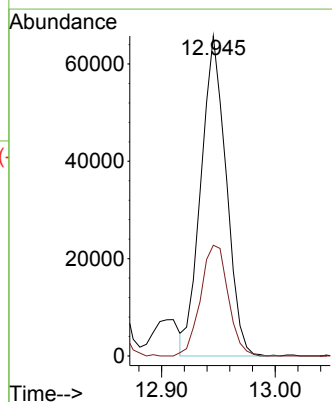
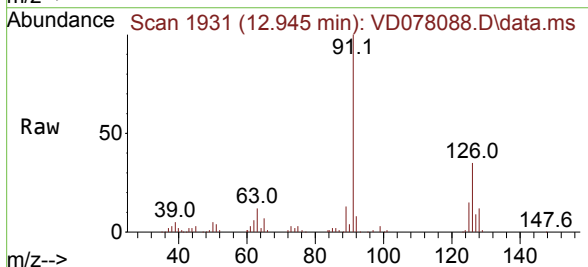
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

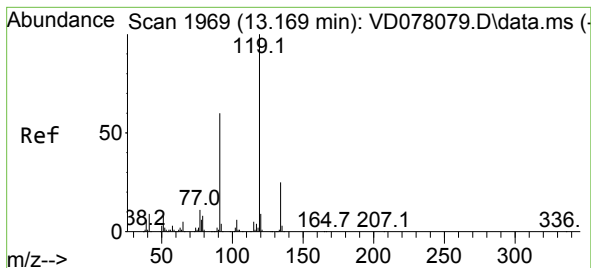
Tgt Ion: 75 Resp: 7714
Ion Ratio Lower Upper
75 100
53 92.9 63.0 94.4
89 54.5 37.9 56.9



#82
4-Chlorotoluene
Concen: 17.916 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 91 Resp: 101566
Ion Ratio Lower Upper
91 100
126 37.8 19.4 58.4

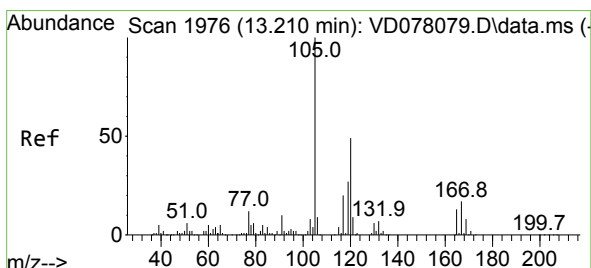
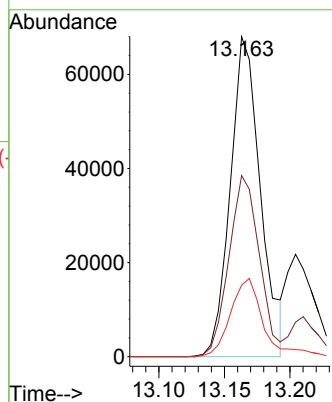
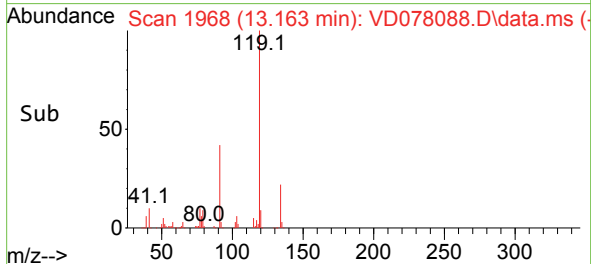
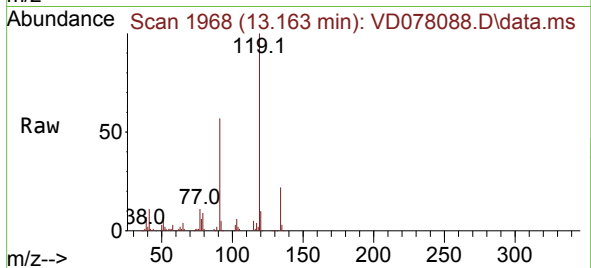




#83
tert-Butylbenzene
Concen: 18.099 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

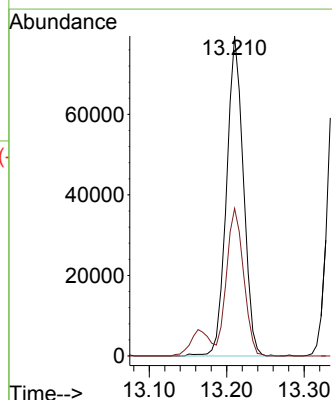
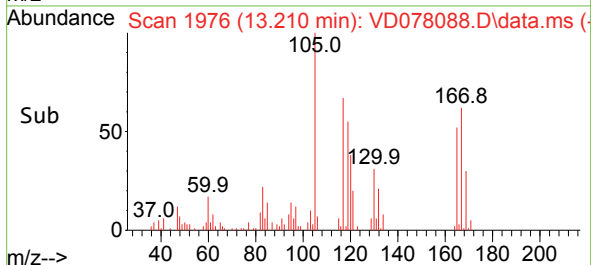
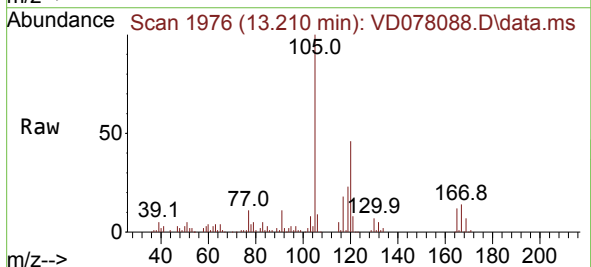
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

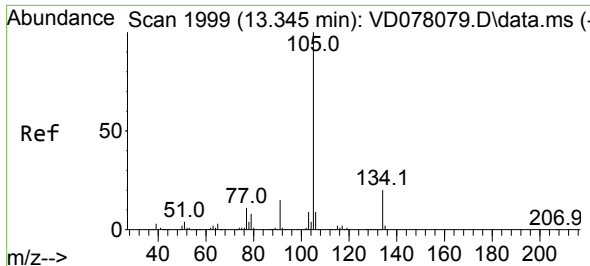
Tgt Ion:119 Resp: 108903
Ion Ratio Lower Upper
119 100
91 57.3 29.3 87.8
134 26.5 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 17.566 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion:105 Resp: 120189
Ion Ratio Lower Upper
105 100
120 46.4 24.3 72.9

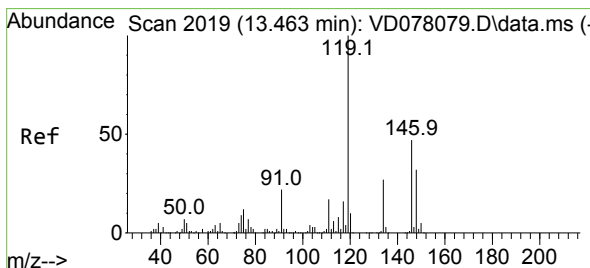
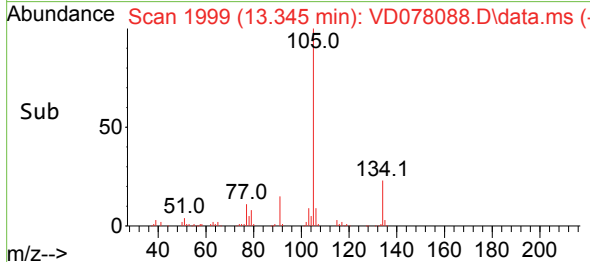
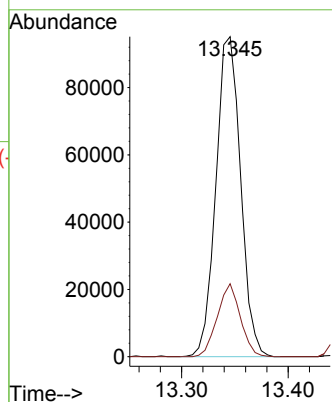
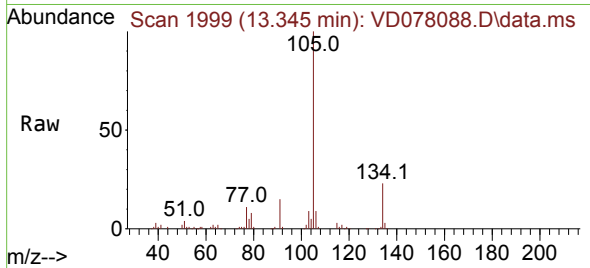




#85
 sec-Butylbenzene
 Concen: 17.799 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078088.D
 Acq: 28 Dec 2023 13:10

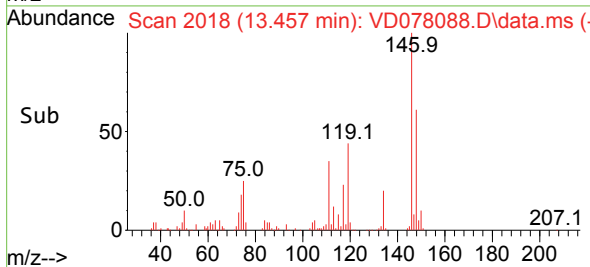
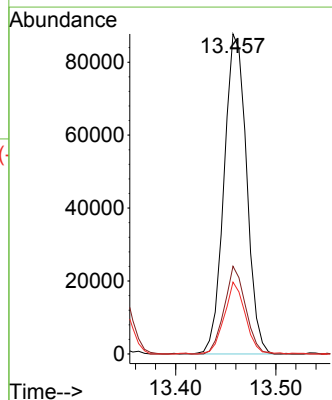
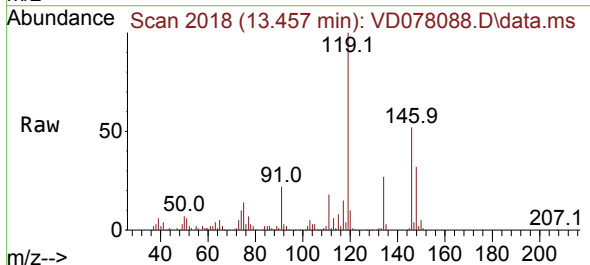
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBS01

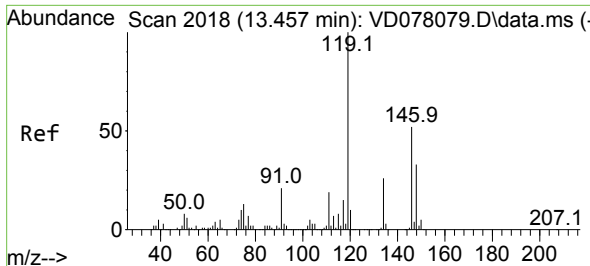
Tgt Ion:105 Resp: 152908
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 17.816 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078088.D
 Acq: 28 Dec 2023 13:10

Tgt Ion:119 Resp: 136968
 Ion Ratio Lower Upper
 119 100
 134 25.7 14.2 42.6
 91 21.0 10.5 31.5

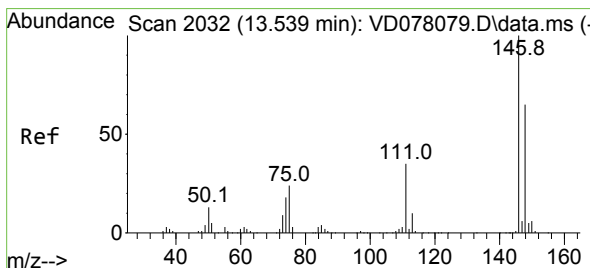
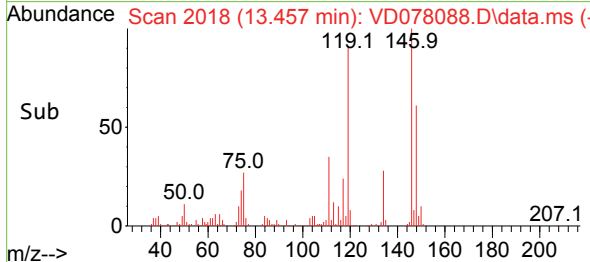
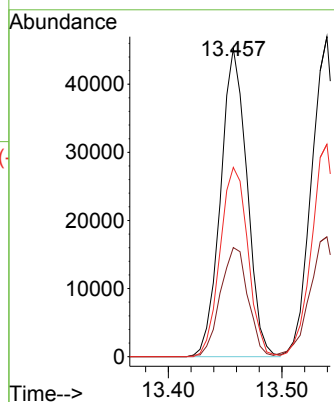
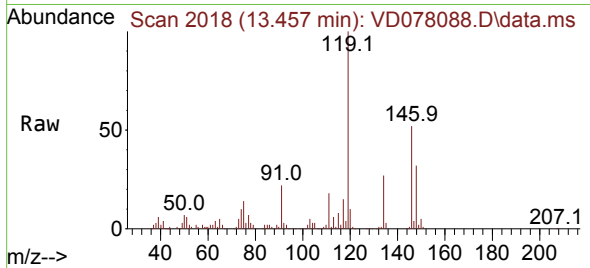




#87
1,3-Dichlorobenzene
Concen: 17.887 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

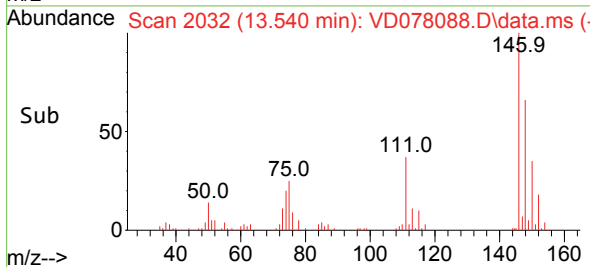
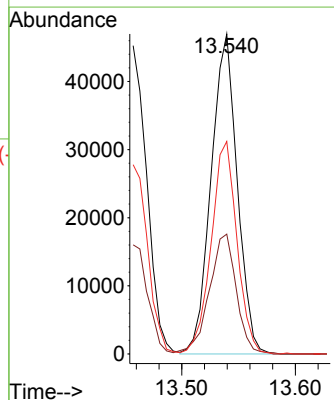
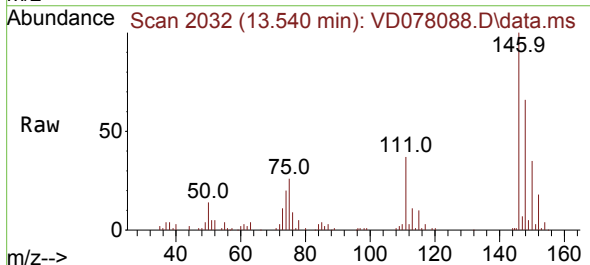
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

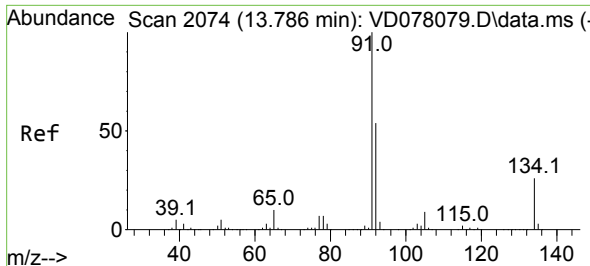
Tgt Ion:146 Resp: 73119
Ion Ratio Lower Upper
146 100
111 37.1 17.9 53.8
148 64.6 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 18.739 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion:146 Resp: 75128
Ion Ratio Lower Upper
146 100
111 38.8 17.4 52.3
148 65.6 31.7 95.1

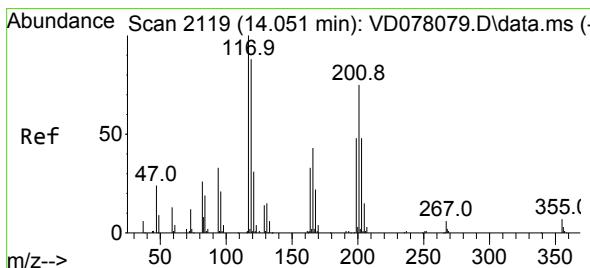
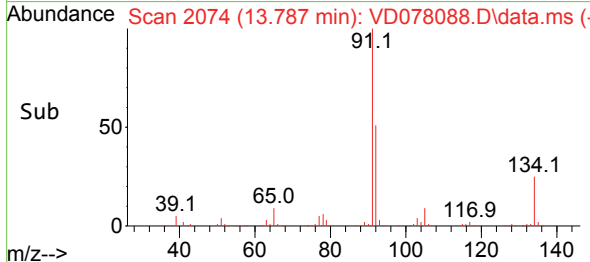
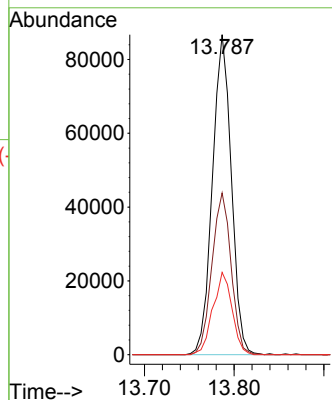
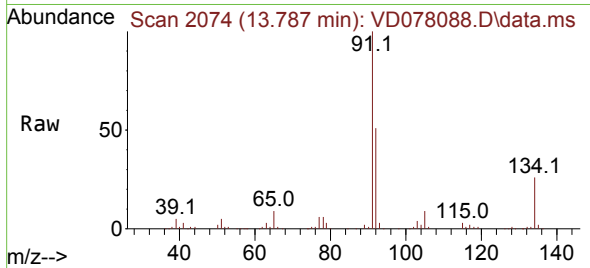




#89
n-Butylbenzene
Concen: 17.968 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

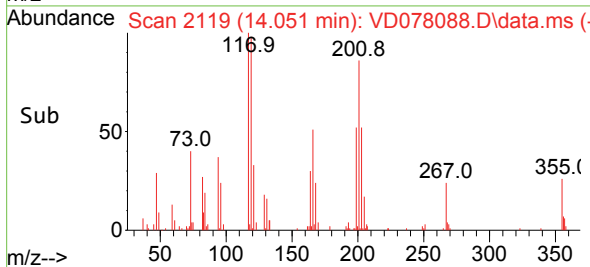
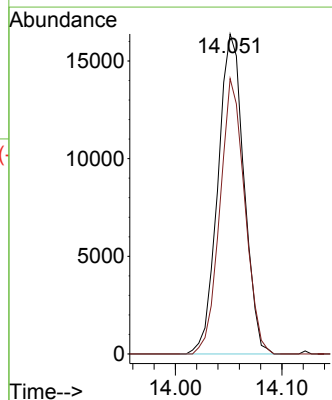
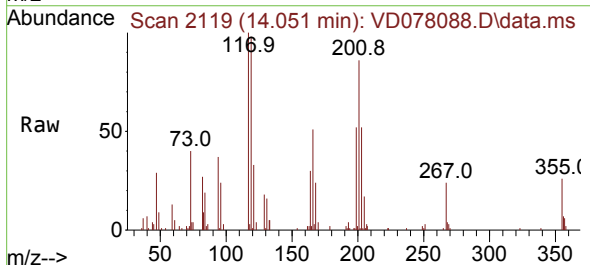
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBSD01

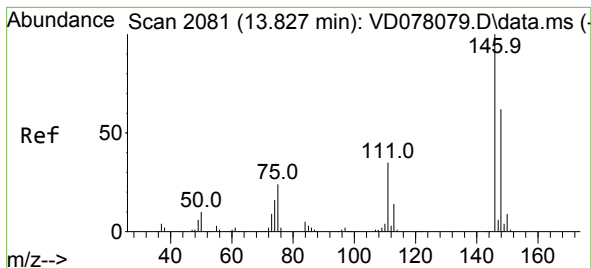
Tgt Ion: 91 Resp: 126798
Ion Ratio Lower Upper
91 100
92 51.4 26.5 79.5
134 26.1 13.8 41.3



#90
Hexachloroethane
Concen: 18.074 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078088.D
Acq: 28 Dec 2023 13:10

Tgt Ion: 117 Resp: 27779
Ion Ratio Lower Upper
117 100
201 82.1 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 18.523 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD078088.D

Acq: 28 Dec 2023 13:10

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBSD01

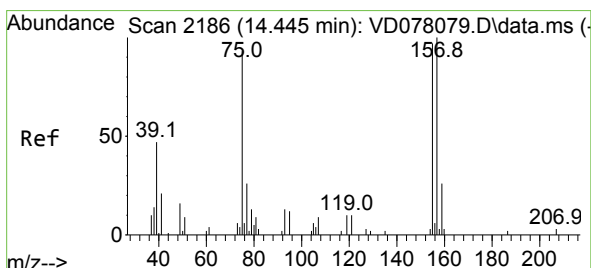
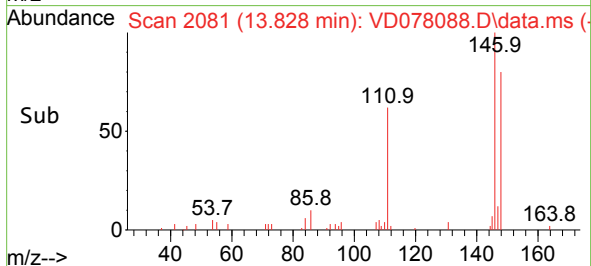
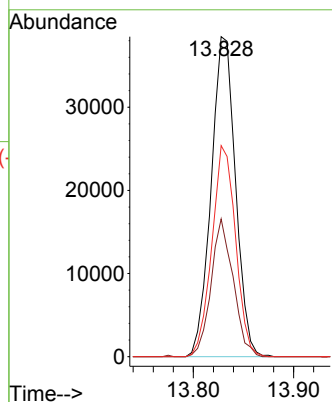
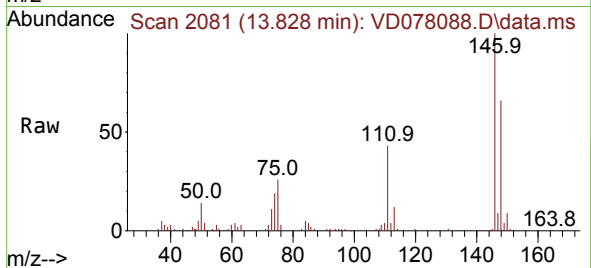
Tgt Ion:146 Resp: 65025

Ion Ratio Lower Upper

146 100

111 39.1 18.3 54.8

148 64.2 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.117 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD078088.D

Acq: 28 Dec 2023 13:10

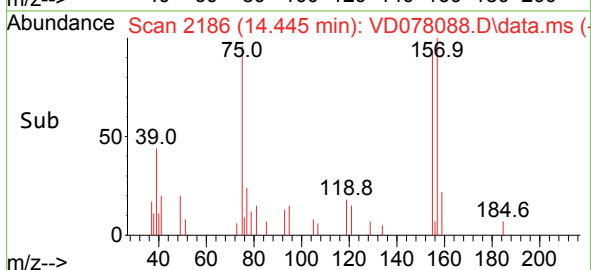
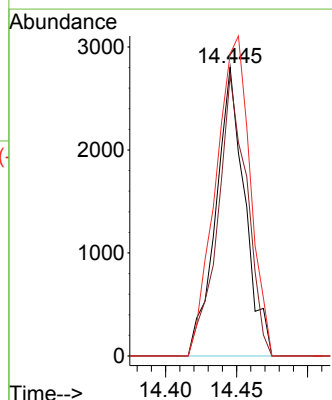
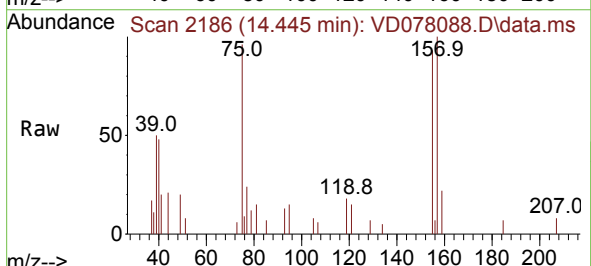
Tgt Ion: 75 Resp: 3952

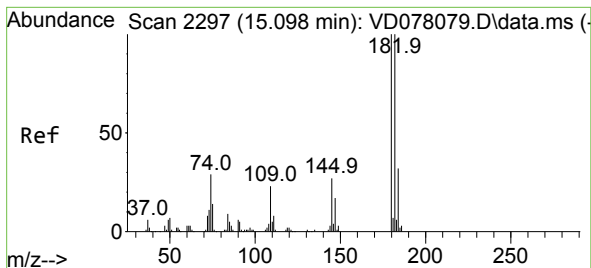
Ion Ratio Lower Upper

75 100

155 98.3 47.9 143.8

157 132.6 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 18.241 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078088.D

Acq: 28 Dec 2023 13:10

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBSD01

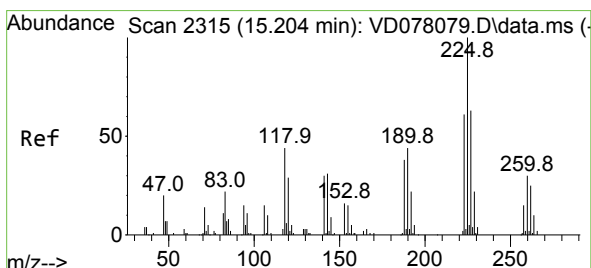
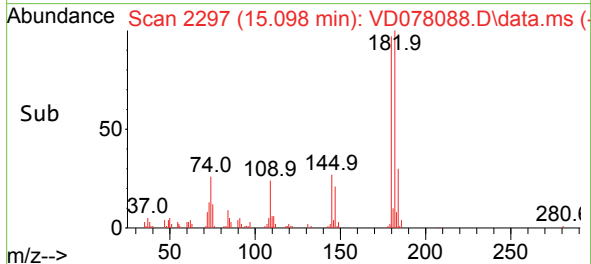
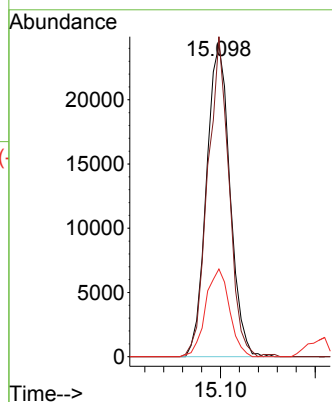
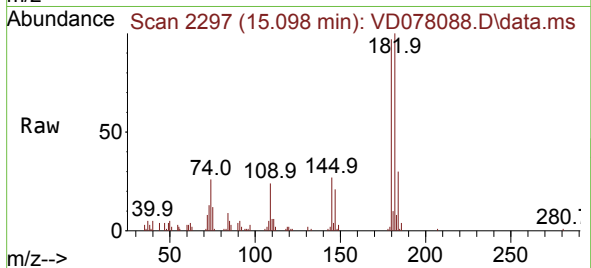
Tgt Ion:180 Resp: 41807

Ion Ratio Lower Upper

180 100

182 92.1 48.5 145.6

145 28.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.666 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD078088.D

Acq: 28 Dec 2023 13:10

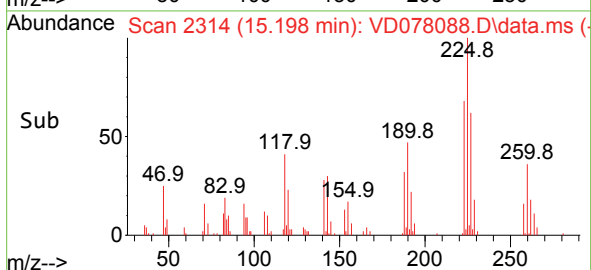
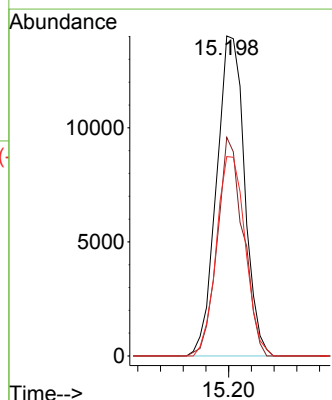
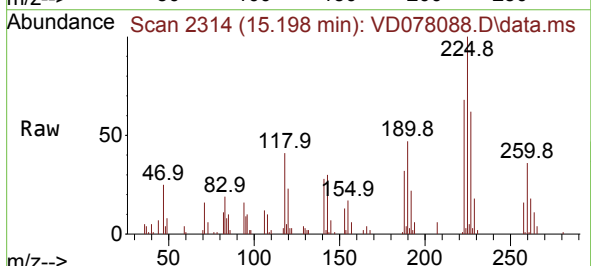
Tgt Ion:225 Resp: 24037

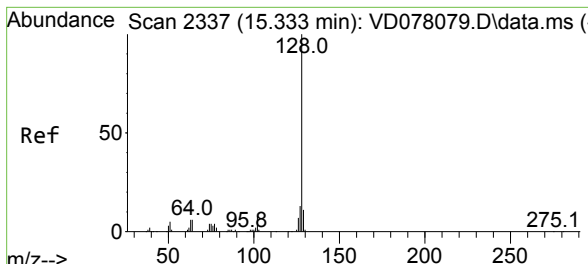
Ion Ratio Lower Upper

225 100

223 63.3 31.6 94.8

227 64.4 31.7 95.1

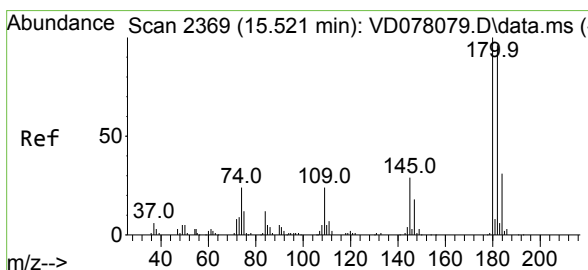
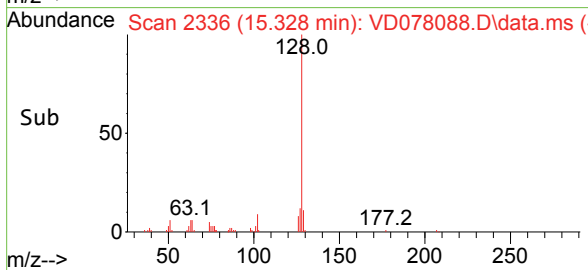
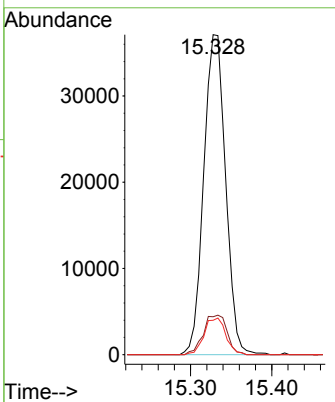
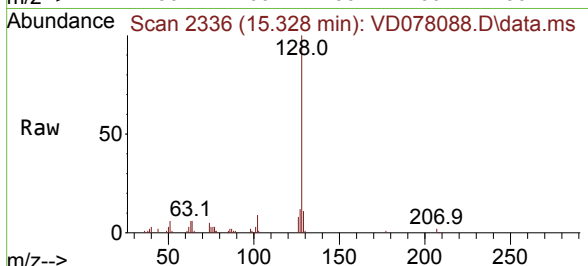




#95
 Naphthalene
 Concen: 17.790 ug/l
 RT: 15.328 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD078088.D
 Acq: 28 Dec 2023 13:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBSD01

Tgt Ion:128	Resp:	69413
Ion Ratio	Lower	Upper
128	100	
127	11.8	10.5 15.7
129	10.7	8.7 13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 19.045 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: VD078088.D
 Acq: 28 Dec 2023 13:10

Tgt Ion:180	Resp:	37037
Ion Ratio	Lower	Upper
180	100	
182	91.2	47.3 141.9
145	30.2	15.1 45.3

