

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122223\
 Data File : VD078059.D
 Acq On : 22 Dec 2023 13:09
 Operator : RP/MD
 Sample : VD1222SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 23 03:35:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	136844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	226905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	207823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105178	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	75120	46.586	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.180%
35) Dibromofluoromethane	7.816	113	85106	53.546	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.100%
50) Toluene-d8	10.269	98	323202	50.772	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.540%
62) 4-Bromofluorobenzene	12.575	95	97092	51.015	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.040%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	30596	17.899	ug/l	95
3) Chloromethane	2.152	50	42343	18.173	ug/l	99
4) Vinyl Chloride	2.287	62	60820	19.228	ug/l	97
5) Bromomethane	2.693	94	45304	25.524	ug/l	100
6) Chloroethane	2.840	64	45647	21.167	ug/l	89
7) Trichlorofluoromethane	3.181	101	56473	19.385	ug/l	91
8) Diethyl Ether	3.593	74	14876	18.185	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.970	101	34062	20.438	ug/l	97
10) Methyl Iodide	4.175	142	29839	24.415	ug/l	93
11) Tert butyl alcohol	5.046	59	7467	88.896	ug/l #	88
12) 1,1-Dichloroethene	3.940	96	30521	18.555	ug/l	91
13) Acrolein	3.811	56	9800	57.453	ug/l	99
14) Allyl chloride	4.570	41	36871	16.298	ug/l	89
15) Acrylonitrile	5.264	53	33698	96.211	ug/l	97
16) Acetone	4.017	43	42407	103.152	ug/l	89
17) Carbon Disulfide	4.270	76	74171	13.328	ug/l	97
18) Methyl Acetate	4.575	43	22112	17.412	ug/l	93
19) Methyl tert-butyl Ether	5.322	73	69269	19.848	ug/l	91
20) Methylene Chloride	4.817	84	44071	20.190	ug/l #	86
21) trans-1,2-Dichloroethene	5.317	96	34835	18.697	ug/l	93
22) Diisopropyl ether	6.222	45	87979	18.610	ug/l	91
23) Vinyl Acetate	6.164	43	207513	89.884	ug/l	96
24) 1,1-Dichloroethane	6.122	63	63518	19.840	ug/l	97
25) 2-Butanone	7.093	43	47372	97.726	ug/l	89
26) 2,2-Dichloropropane	7.081	77	51288	19.080	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	40210	20.057	ug/l	91
28) Bromochloromethane	7.434	49	22246	17.196	ug/l	82
29) Tetrahydrofuran	7.452	42	22885	89.124	ug/l	89
30) Chloroform	7.599	83	65162	20.336	ug/l	92
31) Cyclohexane	7.881	56	47410	16.530	ug/l	84
32) 1,1,1-Trichloroethane	7.799	97	59438	21.042	ug/l	96
36) 1,1-Dichloropropene	8.011	75	48464	19.063	ug/l	94
37) Ethyl Acetate	7.169	43	18254	18.414	ug/l	94
38) Carbon Tetrachloride	7.999	117	48243	19.034	ug/l	97
39) Methylcyclohexane	9.275	83	52320	17.360	ug/l	92
40) Benzene	8.258	78	136229	18.880	ug/l	98

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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	7.405	41	10240	20.324	ug/l #	81
42) 1,2-Dichloroethane	8.328	62	39052	20.879	ug/l	96
43) Isopropyl Acetate	8.363	43	32430	18.403	ug/l	95
44) Trichloroethene	9.034	130	36915	19.632	ug/l	85
45) 1,2-Dichloropropane	9.305	63	36732	20.941	ug/l	96
46) Dibromomethane	9.399	93	19063	20.539	ug/l	94
47) Bromodichloromethane	9.587	83	51017	21.687	ug/l	91
48) Methyl methacrylate	9.381	41	19681	19.647	ug/l #	79
49) 1,4-Dioxane	9.393	88	3314	359.595	ug/l #	74
51) 4-Methyl-2-Pentanone	10.157	43	87011	96.749	ug/l	91
52) Toluene	10.334	92	88526	19.778	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	45859	20.300	ug/l	94
54) cis-1,3-Dichloropropene	10.022	75	54826	20.073	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	27509	21.669	ug/l	94
56) Ethyl methacrylate	10.599	69	21708	19.397	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	45619	20.847	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	43327	67.889	ug/l	94
59) 2-Hexanone	10.922	43	70621	94.649	ug/l	92
60) Dibromochloromethane	11.075	129	33891	22.173	ug/l	93
61) 1,2-Dibromoethane	11.181	107	25253	21.132	ug/l	98
64) Tetrachloroethene	10.810	164	29981	19.628	ug/l	97
65) Chlorobenzene	11.610	112	97548	18.751	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	35327	20.442	ug/l	100
67) Ethyl Benzene	11.687	91	169200	19.556	ug/l	98
68) m/p-Xylenes	11.793	106	131300	39.673	ug/l	90
69) o-Xylene	12.122	106	61759	20.248	ug/l	95
70) Styrene	12.134	104	93885	20.700	ug/l	96
71) Bromoform	12.299	173	20027	22.179	ug/l #	100
73) Isopropylbenzene	12.422	105	166236	20.854	ug/l	95
74) N-amyl acetate	12.234	43	29484	18.816	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	31007	22.308	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	38045	41.649	ug/l #	100
77) Bromobenzene	12.704	156	40493	21.596	ug/l	93
78) n-propylbenzene	12.763	91	204603	21.064	ug/l	95
79) 2-Chlorotoluene	12.851	91	110541	21.235	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	137389	20.664	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.475	75	9861	21.871	ug/l	97
82) 4-Chlorotoluene	12.946	91	115099	21.150	ug/l	97
83) tert-Butylbenzene	13.169	119	117831	20.993	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	139474	20.974	ug/l	94
85) sec-Butylbenzene	13.346	105	177923	21.445	ug/l	98
86) p-Isopropyltoluene	13.463	119	152804	20.570	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	80610	21.023	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	82228	20.539	ug/l	99
89) n-Butylbenzene	13.787	91	147156	21.053	ug/l	98
90) Hexachloroethane	14.051	117	31928	23.371	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	69950	21.450	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4551	22.055	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	43708	19.622	ug/l	100
94) Hexachlorobutadiene	15.204	225	23718	19.746	ug/l	97
95) Naphthalene	15.334	128	78095	21.101	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	37543	20.444	ug/l	99

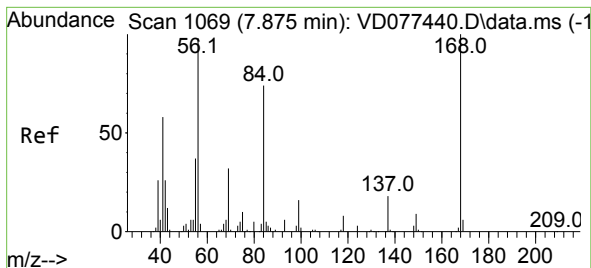
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Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD078059.D

Acq: 22 Dec 2023 13:09

Instrument :

MSVOA_D

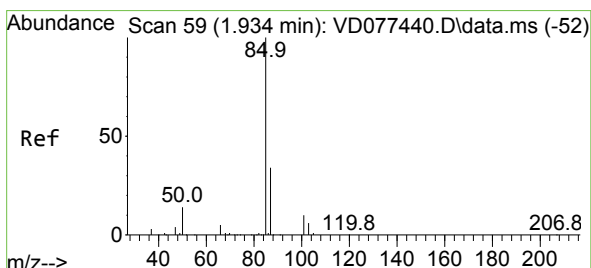
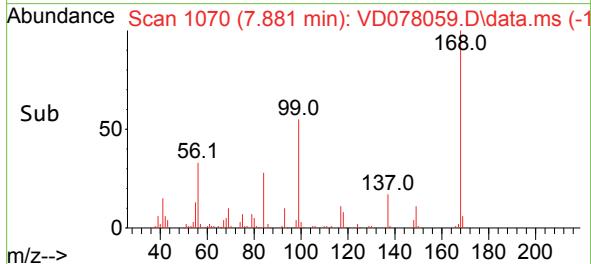
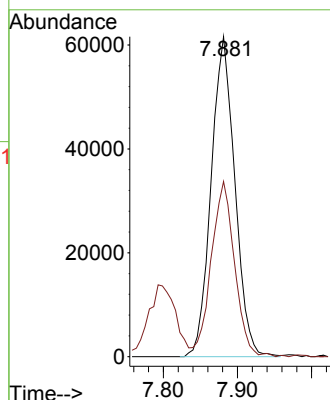
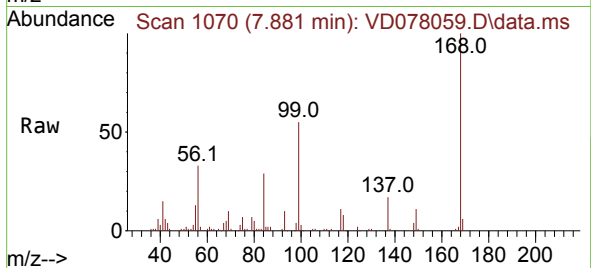
ClientSampleId :

Tgt Ion:168 Resp: 136844

Ion Ratio Lower Upper

168 100

99 54.3 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 17.899 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078059.D

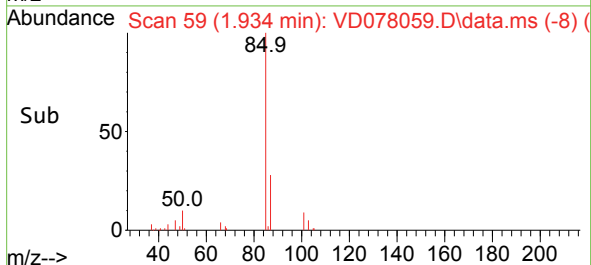
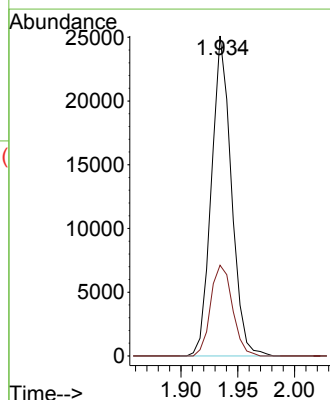
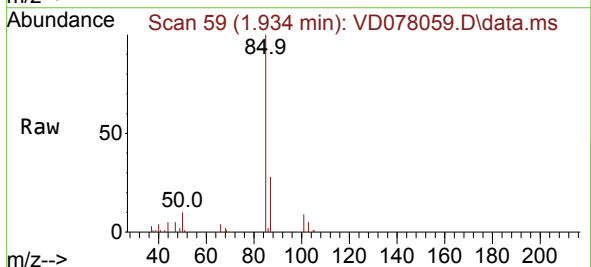
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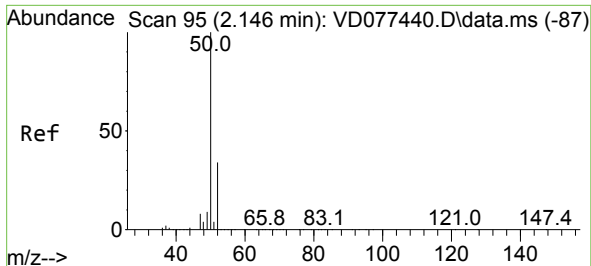
Tgt Ion: 85 Resp: 30596

Ion Ratio Lower Upper

85 100

87 28.3 15.7 47.0

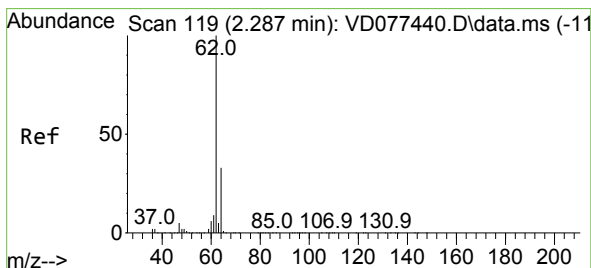
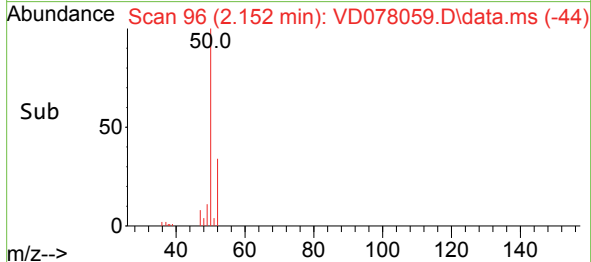
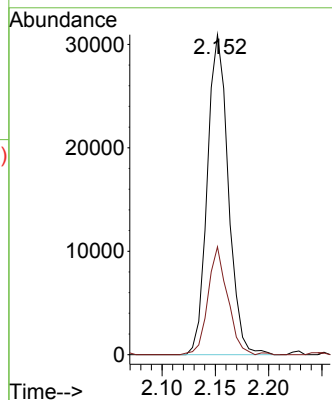
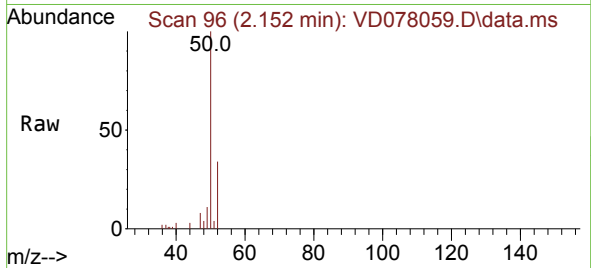




#3
Chloromethane
Concen: 18.173 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

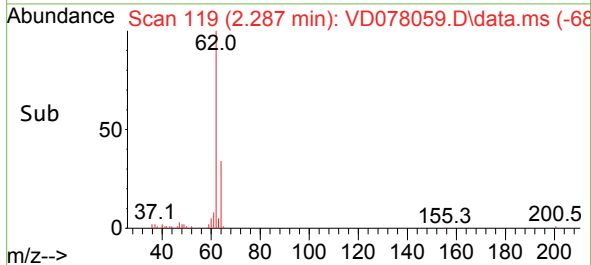
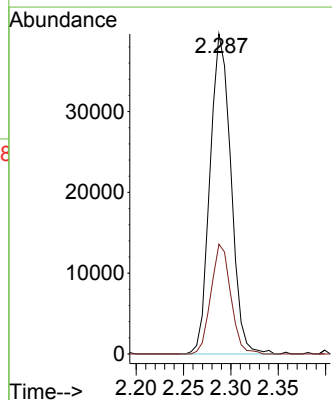
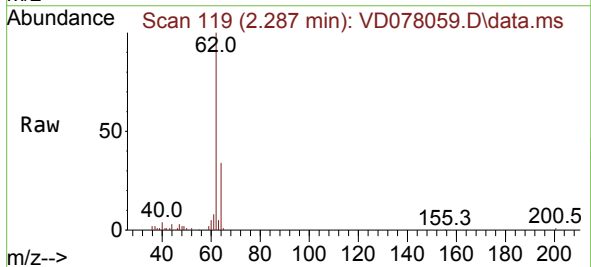
Instrument :
MSVOA_D
ClientSampleId :

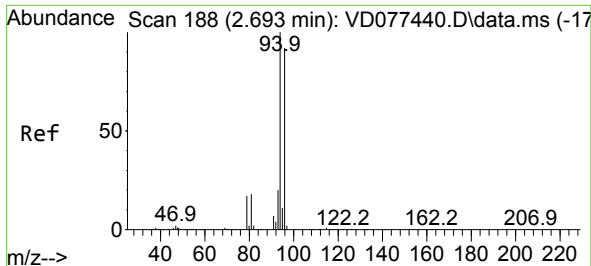
Tgt Ion: 50 Resp: 42343
Ion Ratio Lower Upper
50 100
52 33.7 26.6 40.0



#4
Vinyl Chloride
Concen: 19.228 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

Tgt Ion: 62 Resp: 60820
Ion Ratio Lower Upper
62 100
64 34.3 26.0 39.0

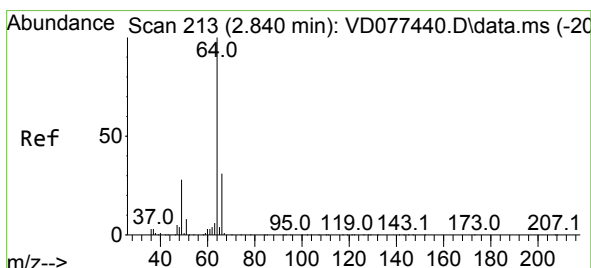
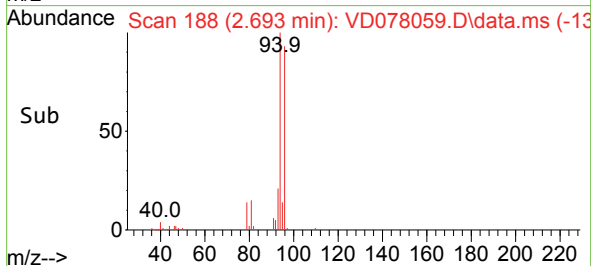
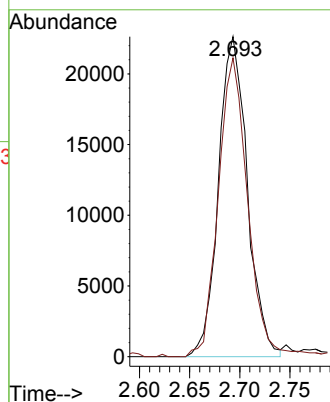
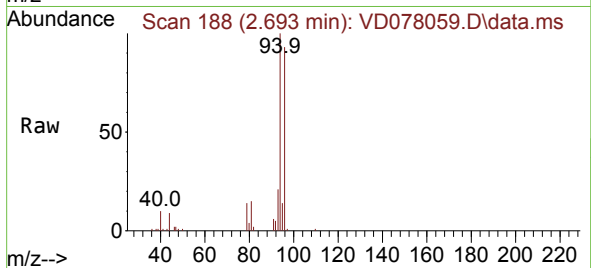




#5
Bromomethane
Concen: 25.524 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

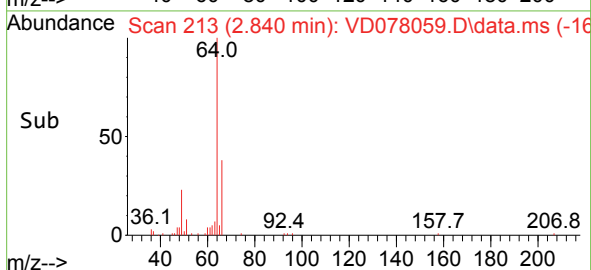
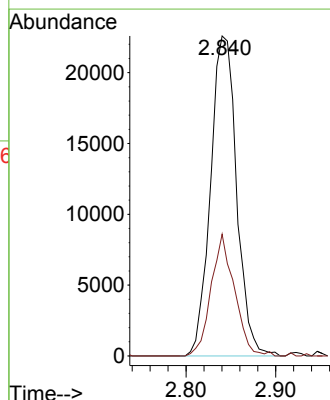
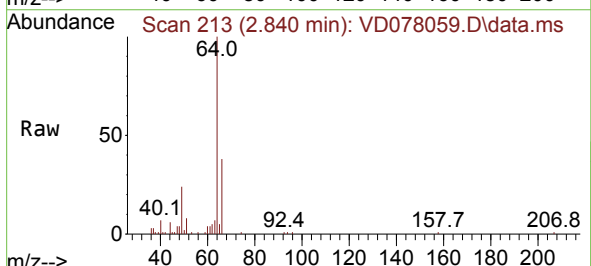
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ClientSampleId :

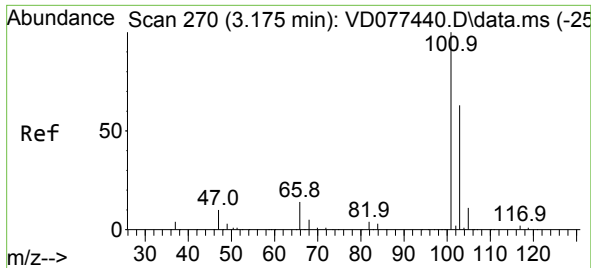
Tgt Ion: 94 Resp: 45304
Ion Ratio Lower Upper
94 100
96 95.3 75.8 113.8



#6
Chloroethane
Concen: 21.167 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

Tgt Ion: 64 Resp: 45647
Ion Ratio Lower Upper
64 100
66 38.1 25.5 38.3

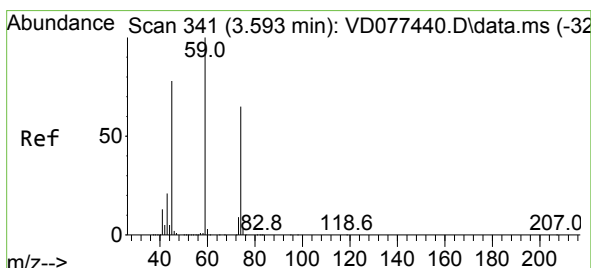
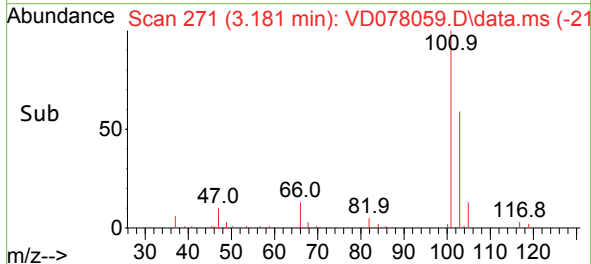
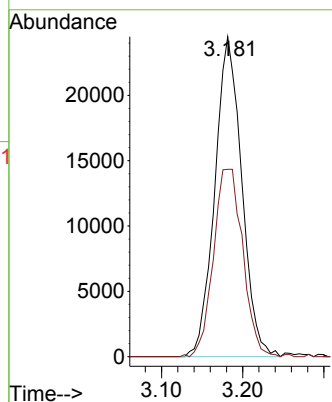
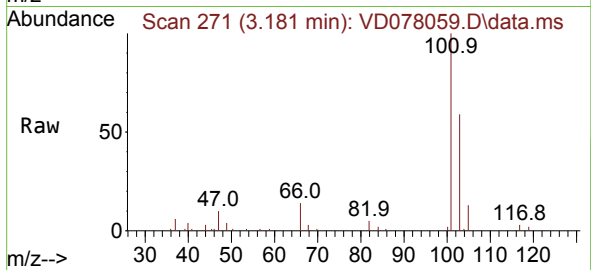




#7
 Trichlorofluoromethane
 Concen: 19.385 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD078059.D
 Acq: 22 Dec 2023 13:09

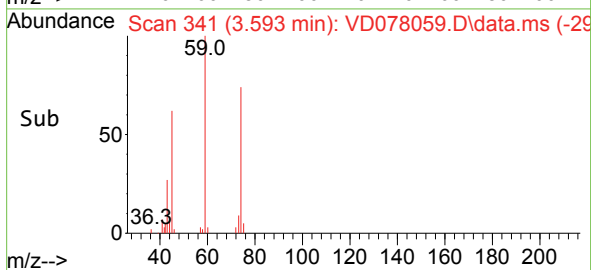
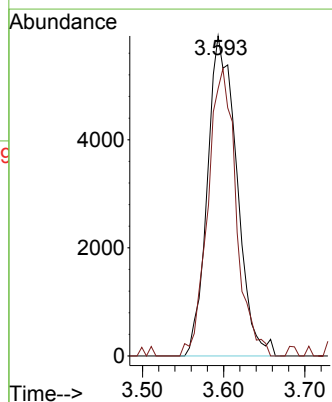
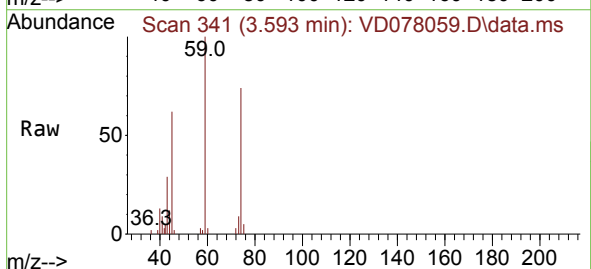
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 ClientSampleId :

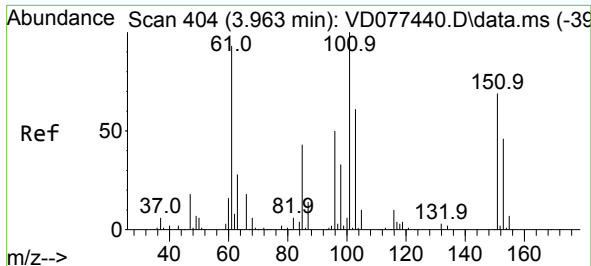
Tgt Ion:101 Resp: 56473
 Ion Ratio Lower Upper
 101 100
 103 58.5 52.3 78.5



#8
 Diethyl Ether
 Concen: 18.185 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD078059.D
 Acq: 22 Dec 2023 13:09

Tgt Ion: 74 Resp: 14876
 Ion Ratio Lower Upper
 74 100
 45 86.5 37.5 112.7

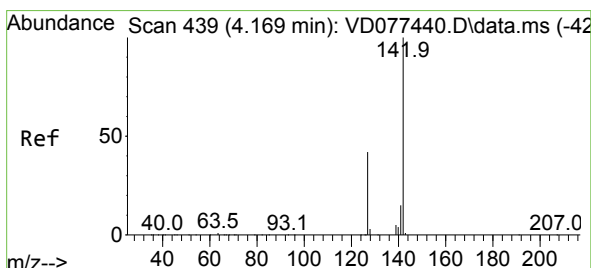
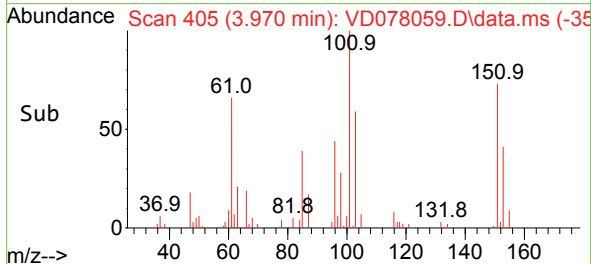
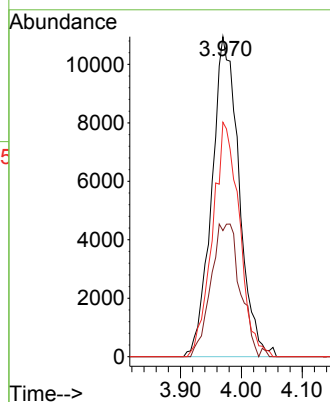
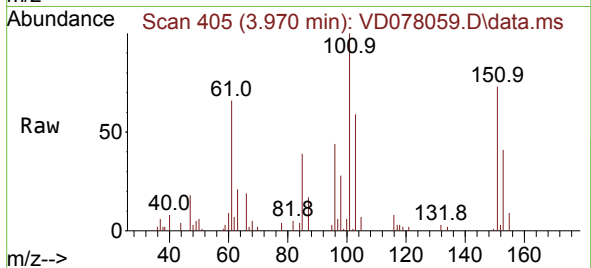




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.438 ug/l
RT: 3.970 min Scan# 405
Delta R.T. 0.007 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

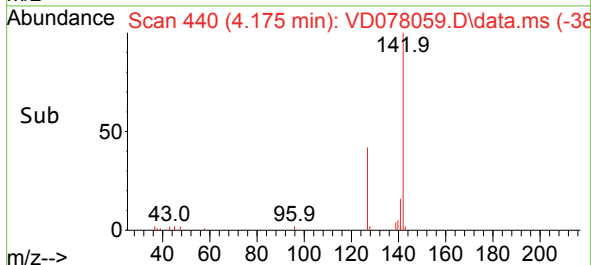
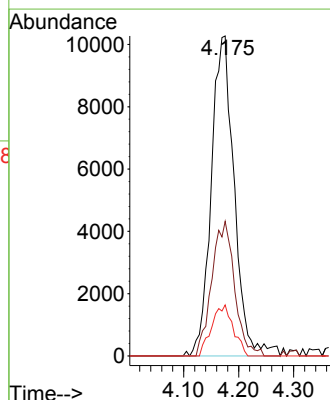
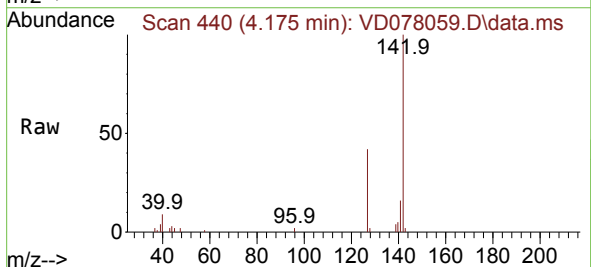
Instrument :
MSVOA_D
ClientSampleId :

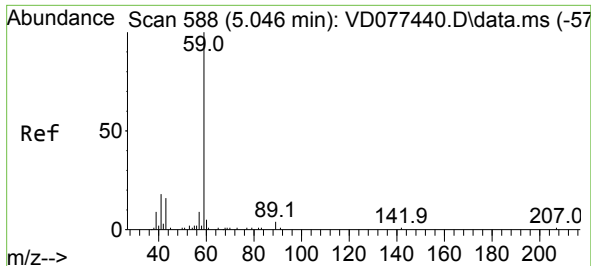
Tgt Ion:101 Resp: 34062
Ion Ratio Lower Upper
101 100
85 44.4 33.8 50.6
151 72.4 59.8 89.6



#10
Methyl Iodide
Concen: 24.415 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.006 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

Tgt Ion:142 Resp: 29839
Ion Ratio Lower Upper
142 100
127 41.9 29.4 44.0
141 15.0 11.1 16.7

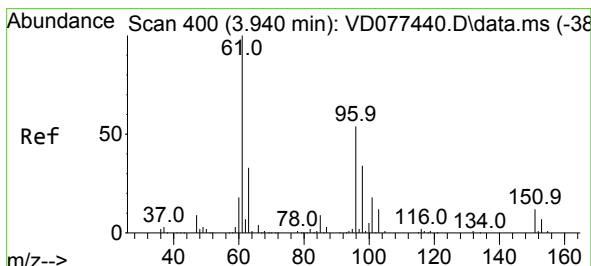
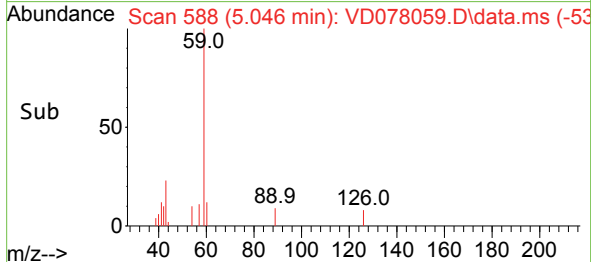
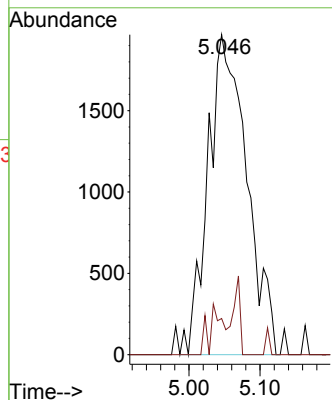
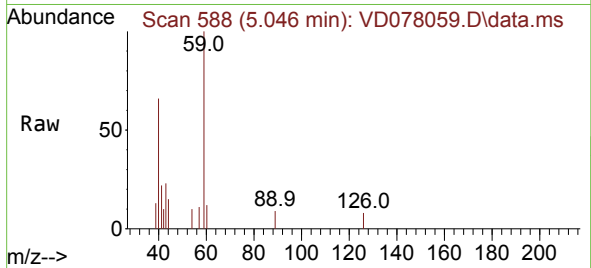




#11
Tert butyl alcohol
Concen: 88.896 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

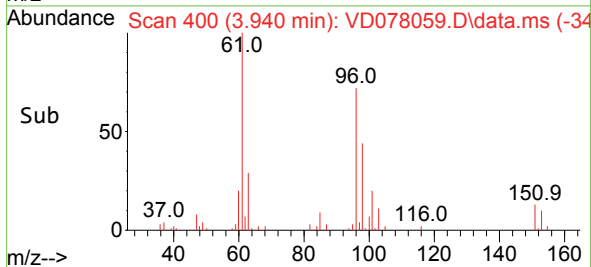
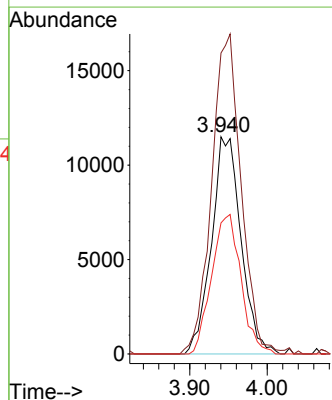
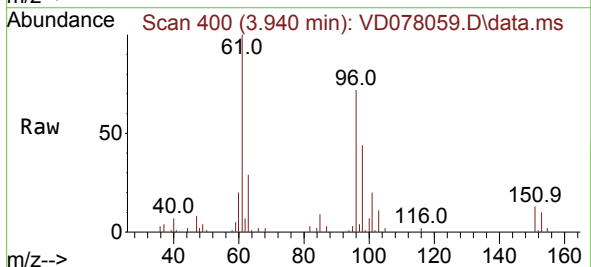
Instrument :
MSVOA_D
ClientSampleId :

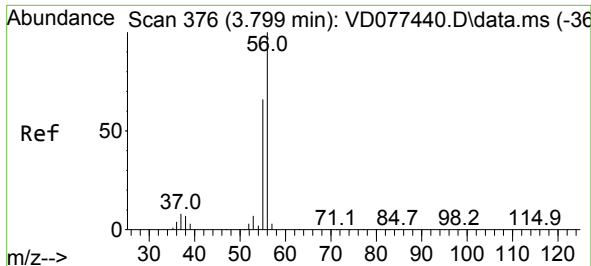
Tgt Ion: 59 Resp: 7467
Ion Ratio Lower Upper
59 100
57 5.4 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 18.555 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

Tgt Ion: 96 Resp: 30521
Ion Ratio Lower Upper
96 100
61 138.6 100.6 150.8
98 60.3 50.2 75.2

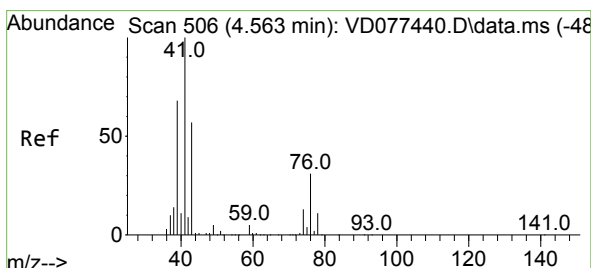
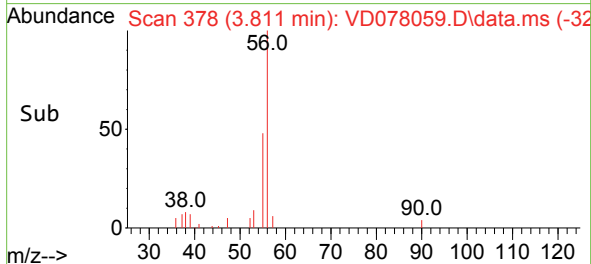
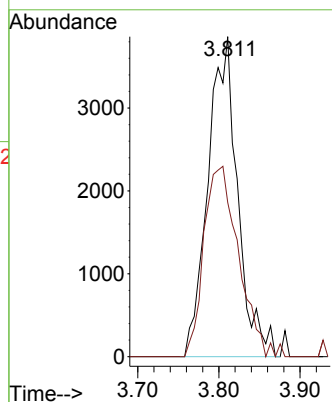
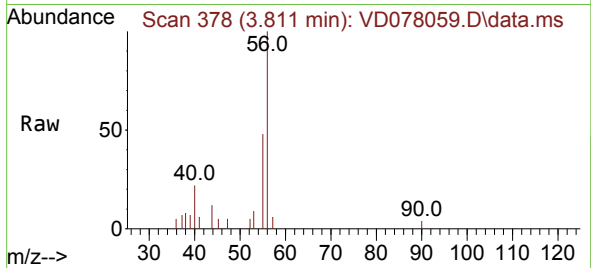




#13
Acrolein
Concen: 57.453 ug/l
RT: 3.811 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

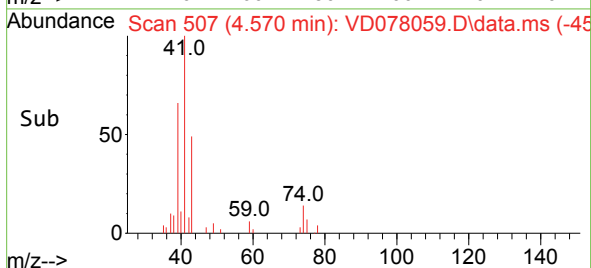
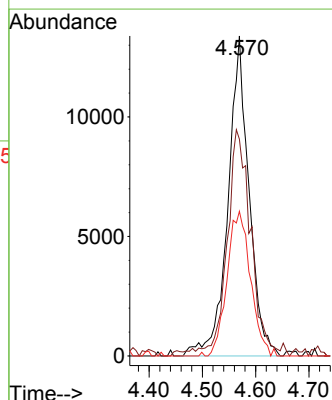
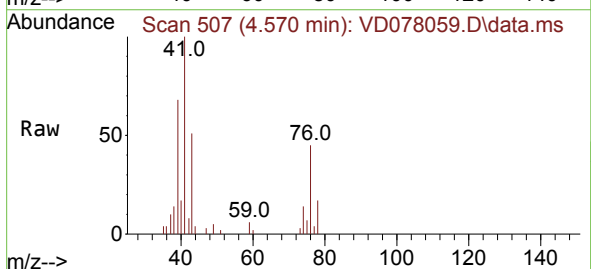
Instrument :
MSVOA_D
ClientSampleId :

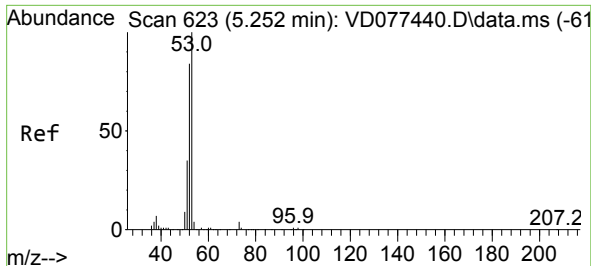
Tgt Ion: 56 Resp: 9800
Ion Ratio Lower Upper
56 100
55 69.7 55.1 82.7



#14
Allyl chloride
Concen: 16.298 ug/l
RT: 4.570 min Scan# 507
Delta R.T. 0.007 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

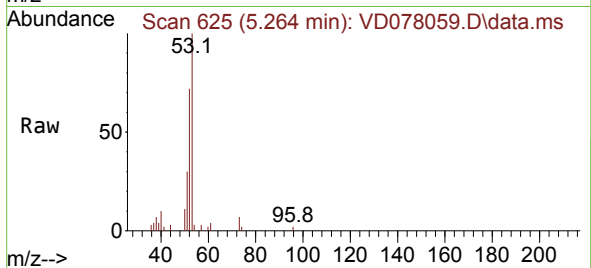
Tgt Ion: 41 Resp: 36871
Ion Ratio Lower Upper
41 100
39 76.3 53.8 80.6
76 50.3 45.8 68.8



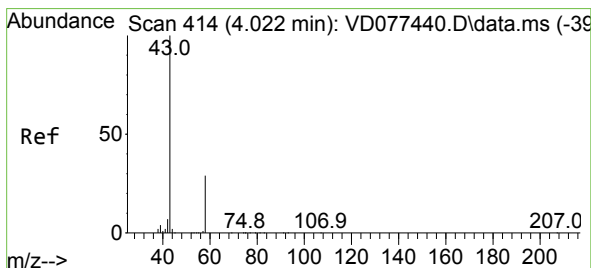
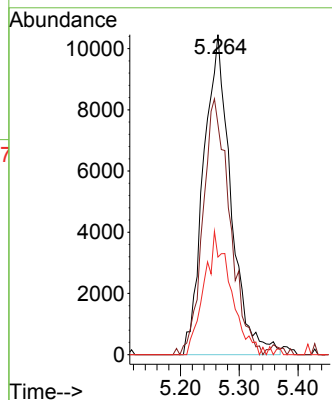
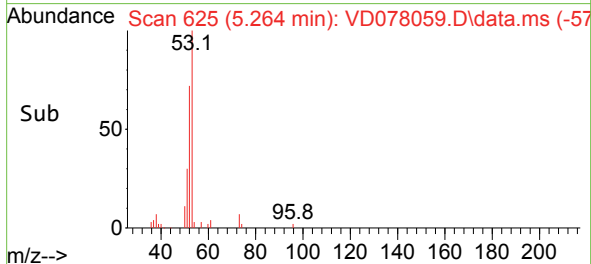


#15
Acrylonitrile
Concen: 96.211 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

Instrument :
MSVOA_D
ClientSampleId :

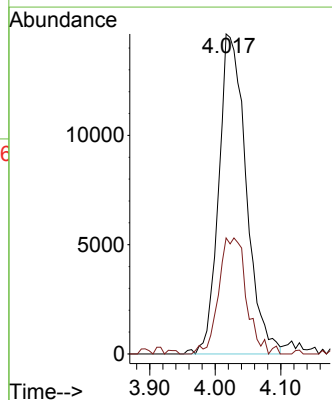
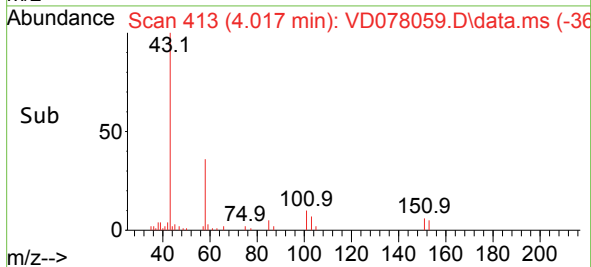
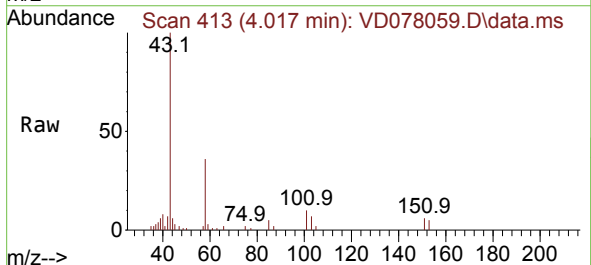


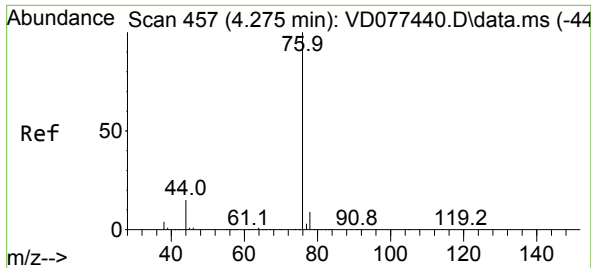
Tgt Ion: 53 Resp: 33698
Ion Ratio Lower Upper
53 100
52 79.1 65.0 97.4
51 37.8 28.3 42.5



#16
Acetone
Concen: 103.152 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

Tgt Ion: 43 Resp: 42407
Ion Ratio Lower Upper
43 100
58 36.2 34.7 52.1





#17

Carbon Disulfide

Concen: 13.328 ug/l

RT: 4.270 min Scan# 4

Delta R.T. -0.005 min

Lab File: VD078059.D

Acq: 22 Dec 2023 13:09

Instrument :

MSVOA_D

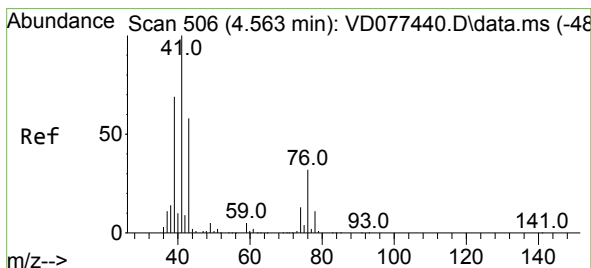
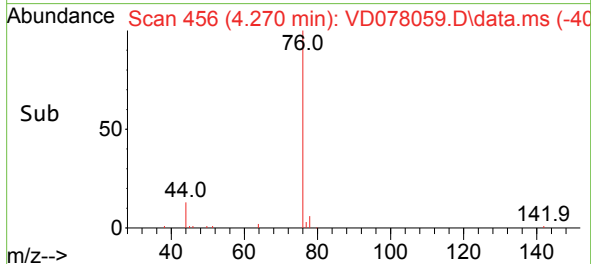
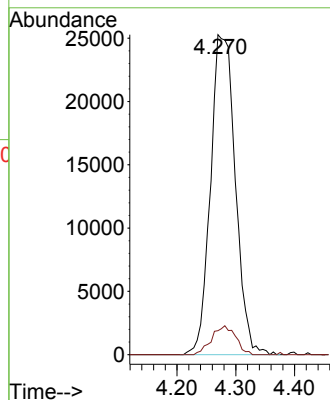
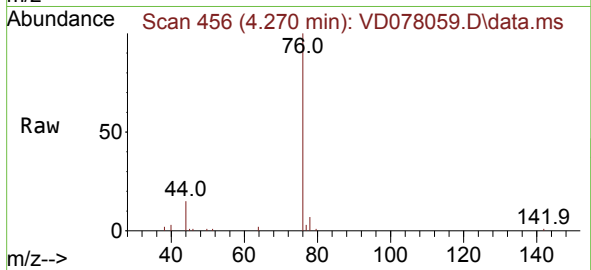
ClientSampleId :

Tgt Ion: 76 Resp: 74171

Ion Ratio Lower Upper

76 100

78 7.5 6.8 10.2



#18

Methyl Acetate

Concen: 17.412 ug/l

RT: 4.575 min Scan# 508

Delta R.T. 0.012 min

Lab File: VD078059.D

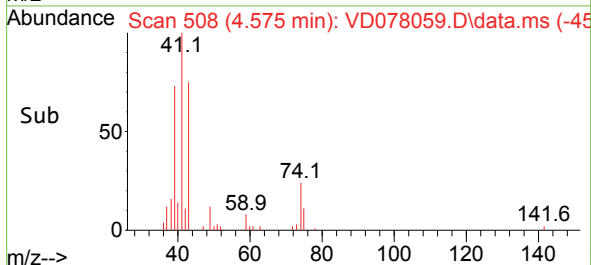
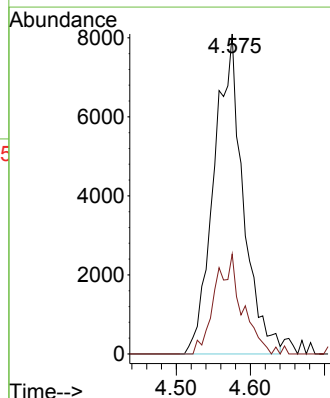
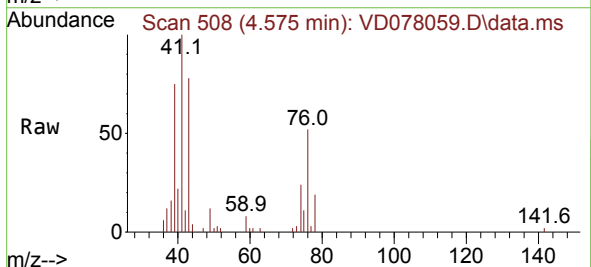
Acq: 22 Dec 2023 13:09

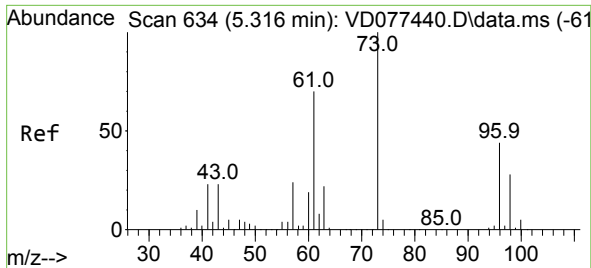
Tgt Ion: 43 Resp: 22112

Ion Ratio Lower Upper

43 100

74 29.0 26.4 39.6

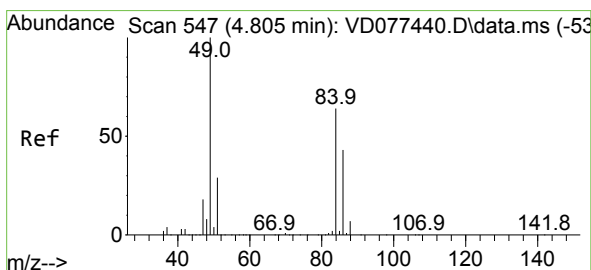
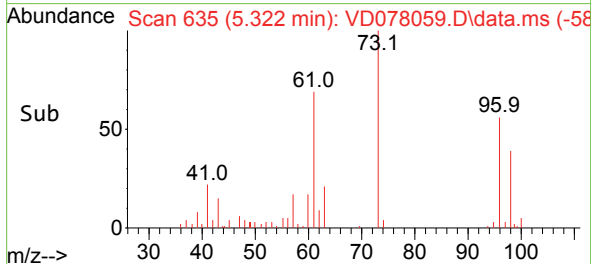
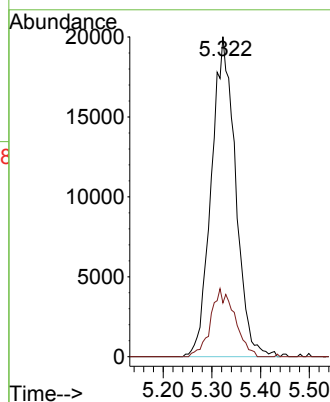
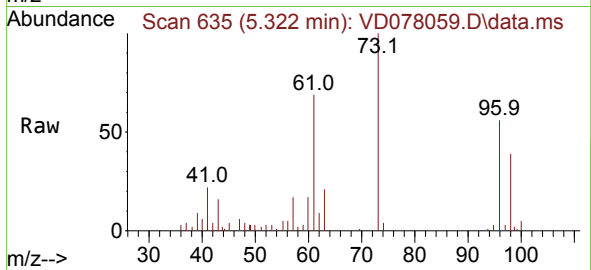




#19
Methyl tert-butyl Ether
Concen: 19.848 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

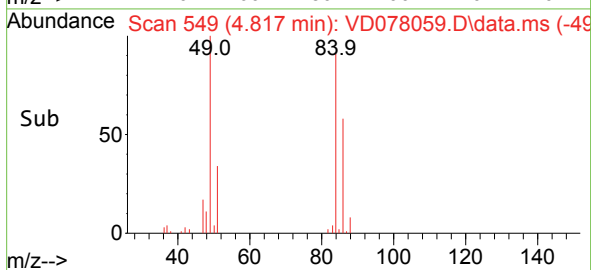
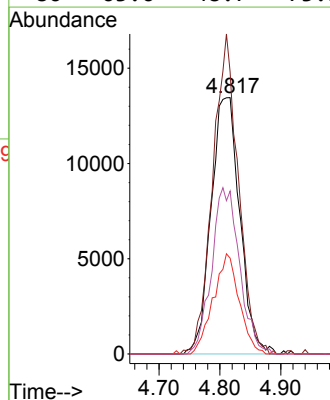
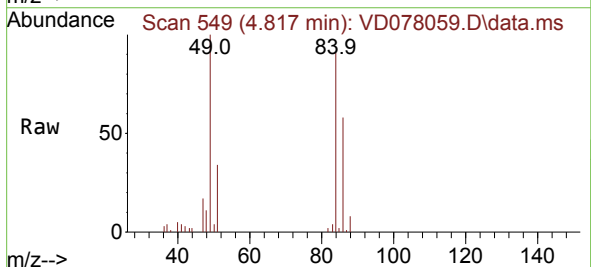
Instrument :
MSVOA_D
ClientSampleId :

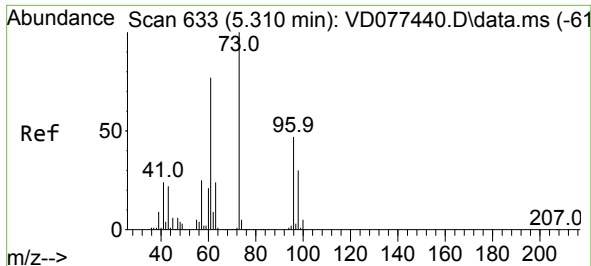
Tgt Ion: 73 Resp: 69269
Ion Ratio Lower Upper
73 100
57 16.8 16.6 25.0



#20
Methylene Chloride
Concen: 20.190 ug/l
RT: 4.817 min Scan# 549
Delta R.T. 0.012 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

Tgt Ion: 84 Resp: 44071
Ion Ratio Lower Upper
84 100
49 110.0 71.4 107.2#
51 37.4 24.5 36.7#
86 63.6 48.7 73.1

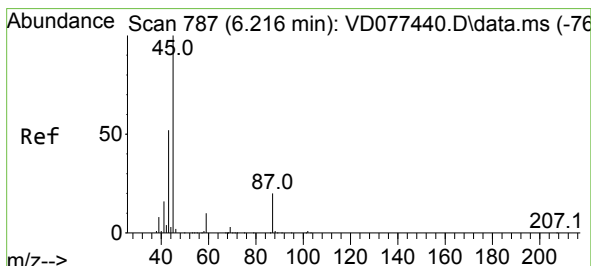
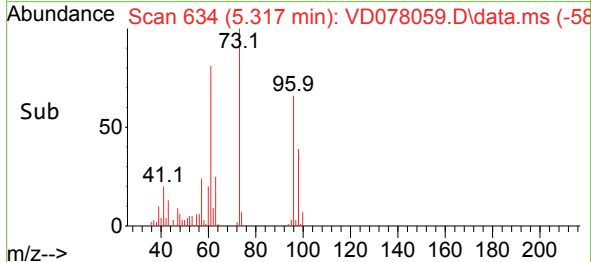
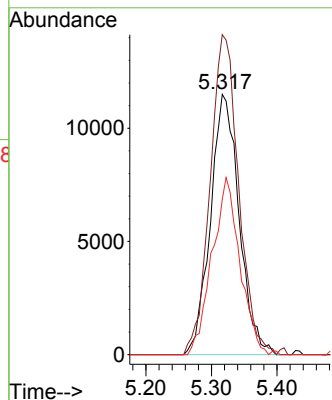
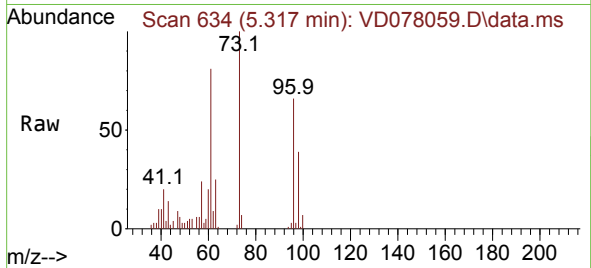




#21
trans-1,2-Dichloroethene
Concen: 18.697 ug/l
RT: 5.317 min Scan# 61
Delta R.T. 0.007 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

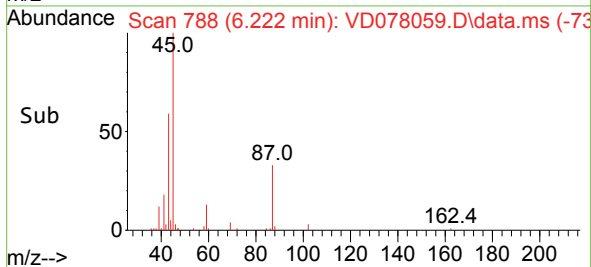
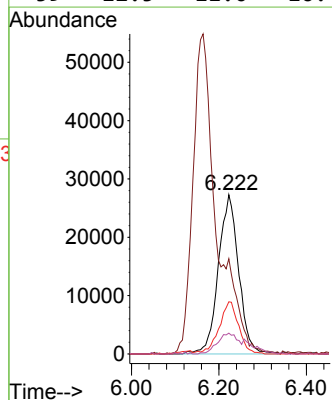
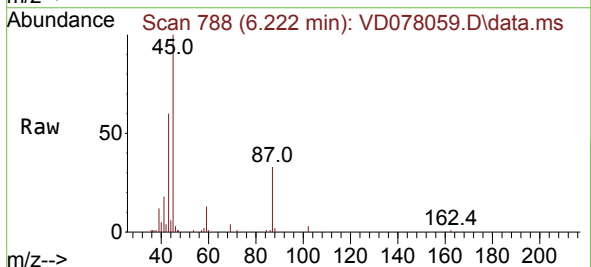
Instrument :
MSVOA_D
ClientSampleId :

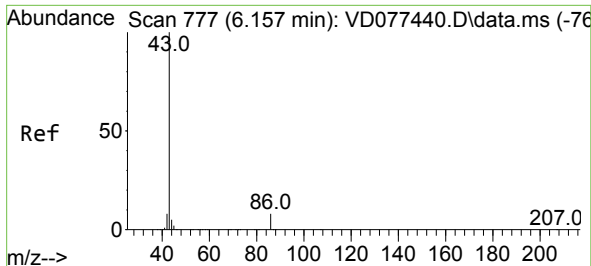
Tgt Ion: 96 Resp: 34835
Ion Ratio Lower Upper
96 100
61 122.9 89.3 133.9
98 59.7 48.6 73.0



#22
Diisopropyl ether
Concen: 18.610 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

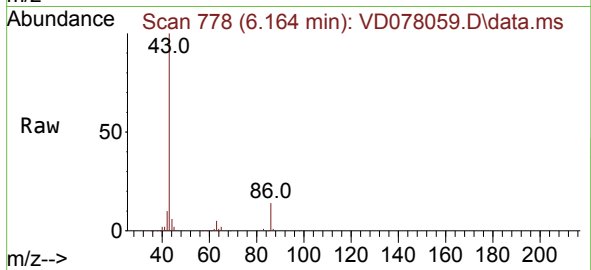
Tgt Ion: 45 Resp: 87979
Ion Ratio Lower Upper
45 100
43 59.8 40.0 60.0
87 32.8 28.2 42.4
59 12.5 11.0 16.4



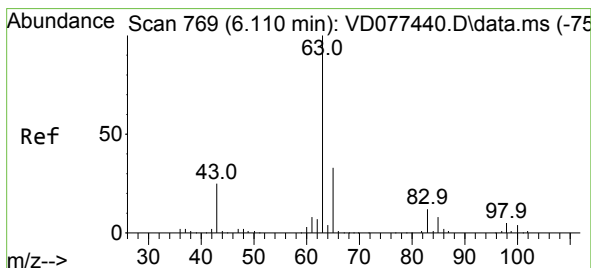
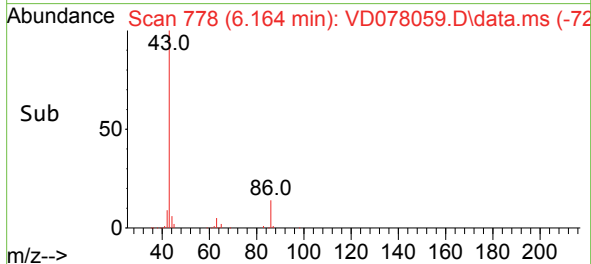
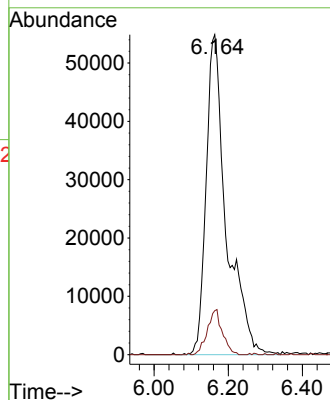


#23
 Vinyl Acetate
 Concen: 89.884 ug/l
 RT: 6.164 min Scan# 71
 Delta R.T. 0.007 min
 Lab File: VD078059.D
 Acq: 22 Dec 2023 13:09

Instrument :
 MSVOA_D
 ClientSampleId :

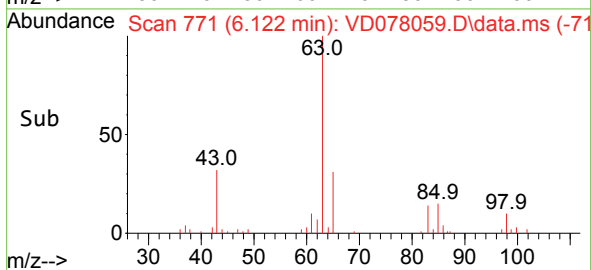
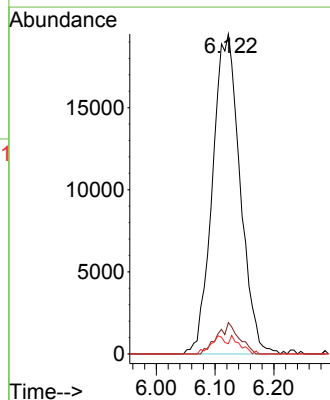
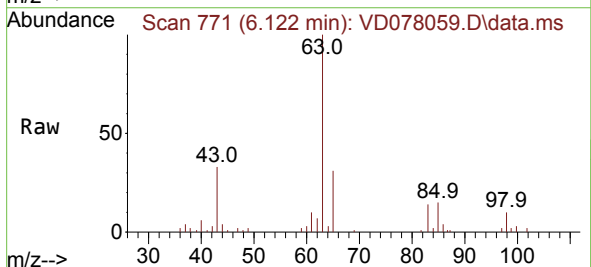


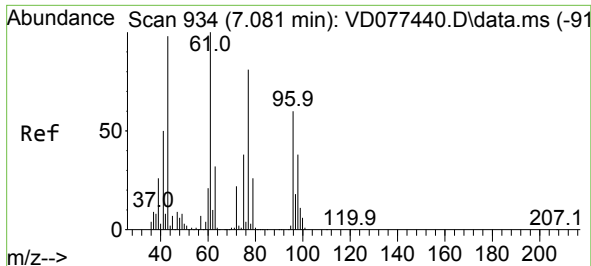
Tgt Ion: 43 Resp: 207513
 Ion Ratio Lower Upper
 43 100
 86 13.8 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 19.840 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.012 min
 Lab File: VD078059.D
 Acq: 22 Dec 2023 13:09

Tgt Ion: 63 Resp: 63518
 Ion Ratio Lower Upper
 63 100
 98 9.8 4.5 13.7
 100 3.2 2.5 7.5

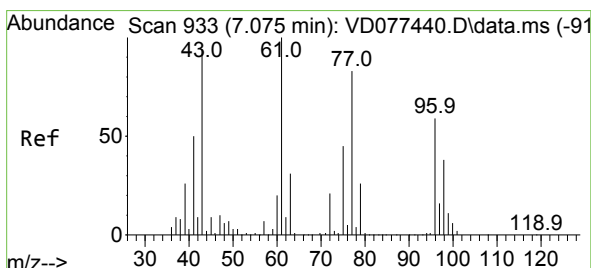
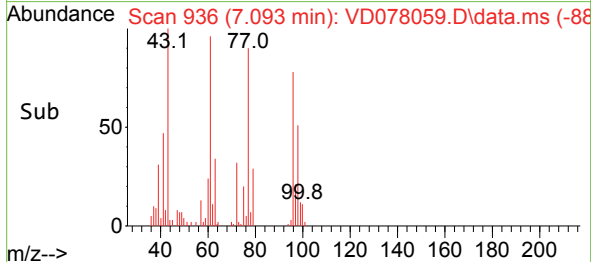
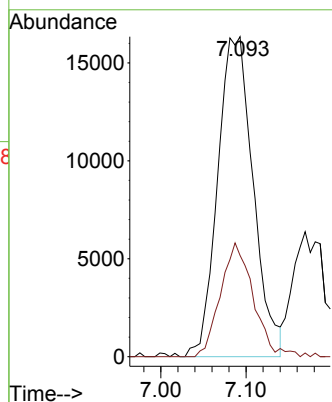
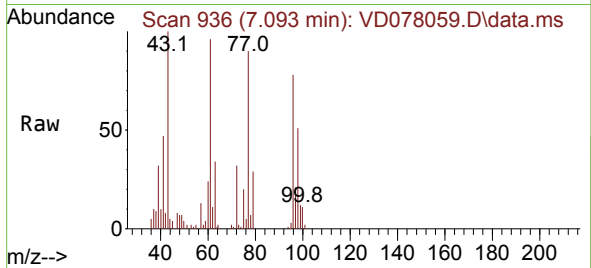




#25
2-Butanone
Concen: 97.726 ug/l
RT: 7.093 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

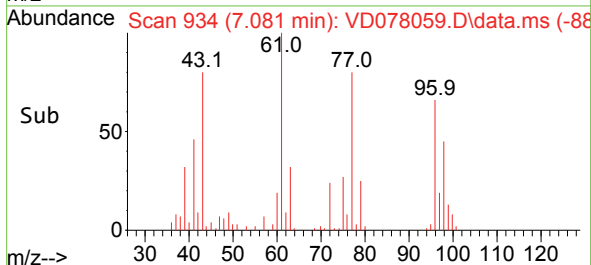
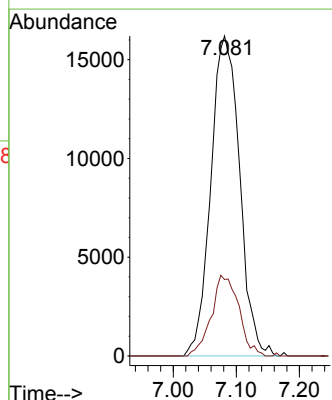
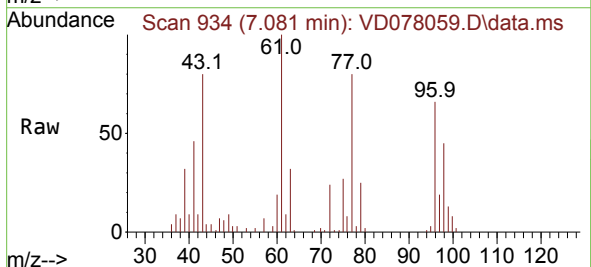
Instrument :
MSVOA_D
ClientSampleId :

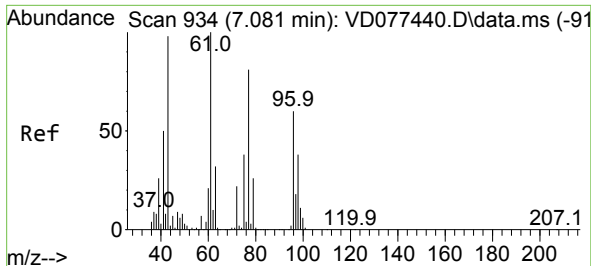
Tgt Ion: 43 Resp: 47372
Ion Ratio Lower Upper
43 100
72 31.7 30.7 46.1



#26
2,2-Dichloropropane
Concen: 19.080 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

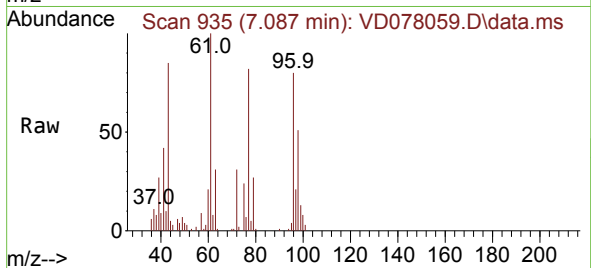
Tgt Ion: 77 Resp: 51288
Ion Ratio Lower Upper
77 100
97 24.1 13.2 39.6





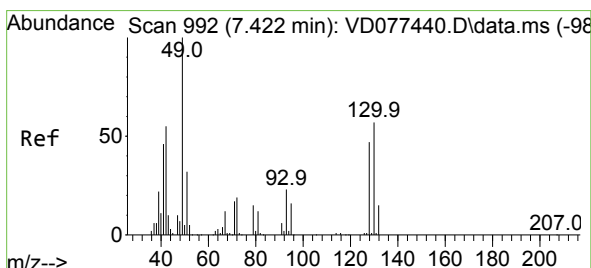
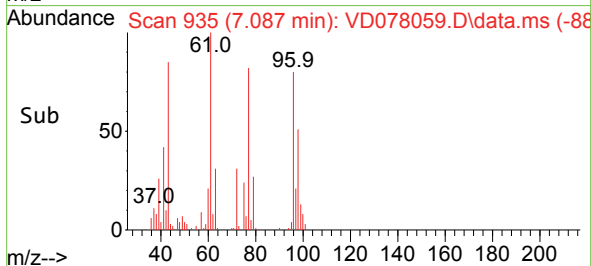
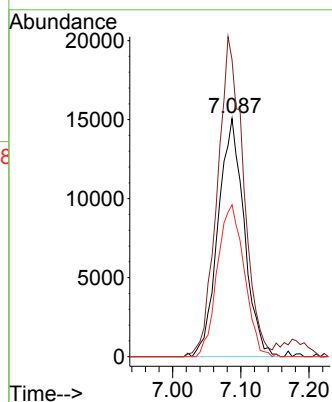
#27
 cis-1,2-Dichloroethene
 Concen: 20.057 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD078059.D
 Acq: 22 Dec 2023 13:09

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 40210

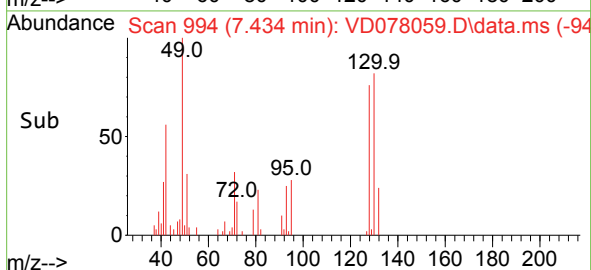
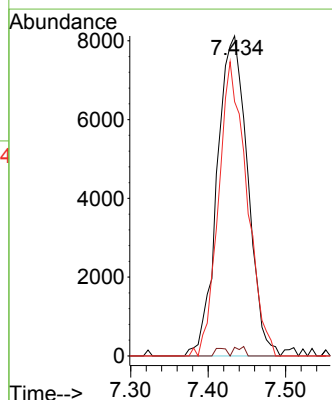
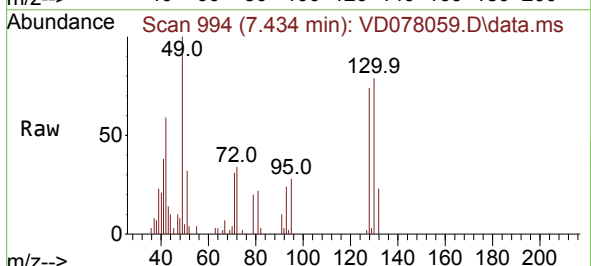
Ion	Ratio	Lower	Upper
96	100		
61	134.4	0.0	239.2
98	65.7	0.0	128.6

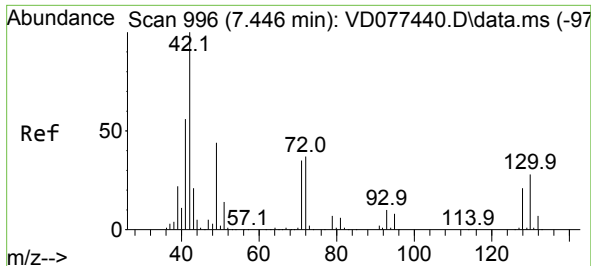


#28
 Bromochloromethane
 Concen: 17.196 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.012 min
 Lab File: VD078059.D
 Acq: 22 Dec 2023 13:09

Tgt Ion: 49 Resp: 22246

Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	6.0
130	85.4	83.2	124.8





#29

Tetrahydrofuran

Concen: 89.124 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD078059.D

Acq: 22 Dec 2023 13:09

Instrument :

MSVOA_D

ClientSampleId :

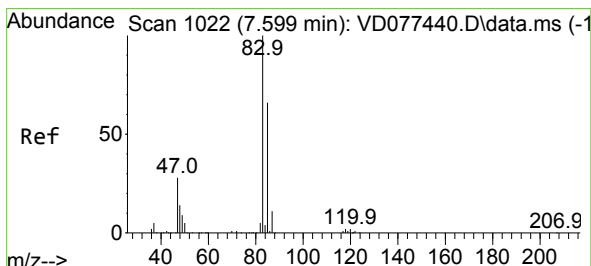
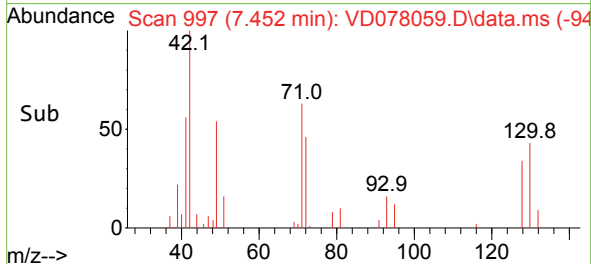
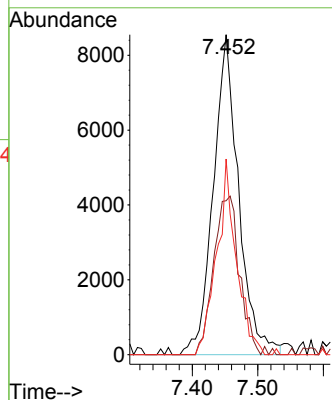
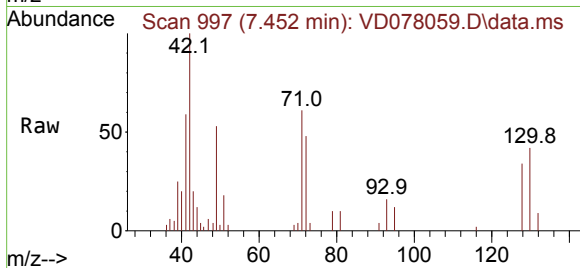
Tgt Ion: 42 Resp: 22885

Ion Ratio Lower Upper

42 100

72 50.6 46.5 69.7

71 47.7 44.5 66.7



#30

Chloroform

Concen: 20.336 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD078059.D

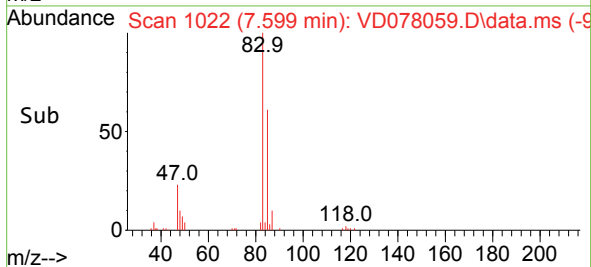
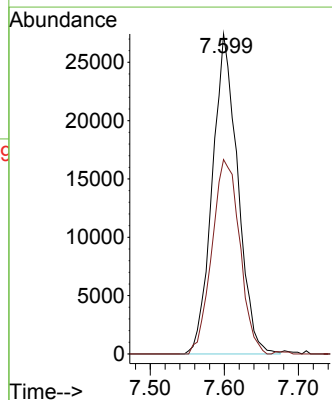
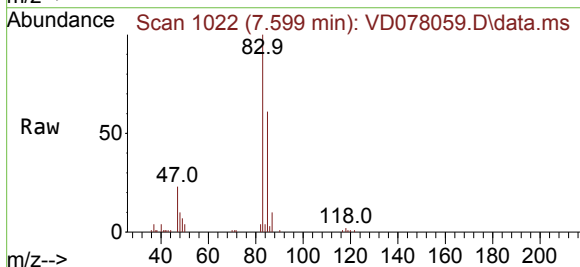
Acq: 22 Dec 2023 13:09

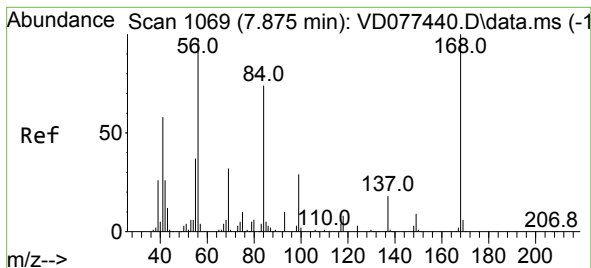
Tgt Ion: 83 Resp: 65162

Ion Ratio Lower Upper

83 100

85 60.8 53.4 80.2





#31

Cyclohexane

Concen: 16.530 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

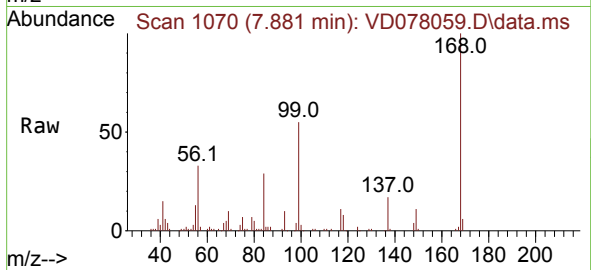
Lab File: VD078059.D

Acq: 22 Dec 2023 13:09

Instrument :

MSVOA_D

ClientSampleId :



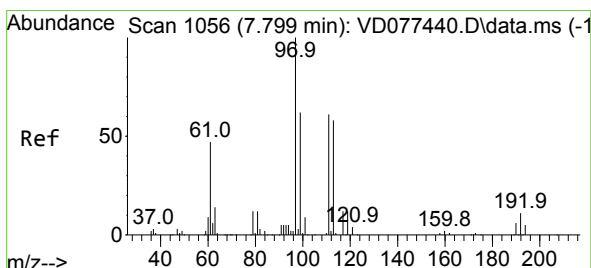
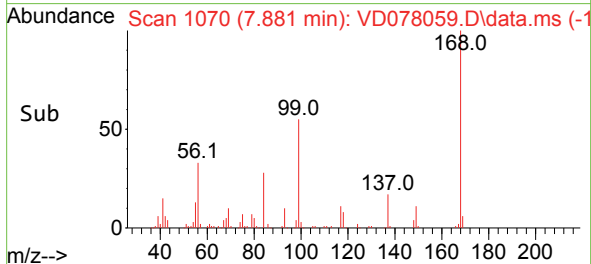
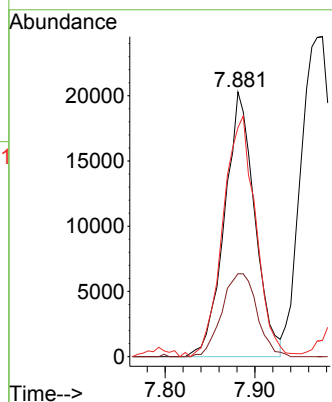
Tgt Ion: 56 Resp: 47410

Ion Ratio Lower Upper

56 100

69 31.3 28.6 43.0

84 86.6 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 21.042 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD078059.D

Acq: 22 Dec 2023 13:09

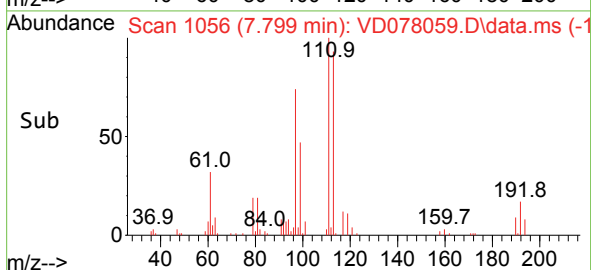
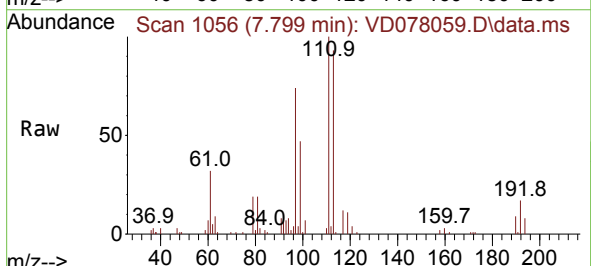
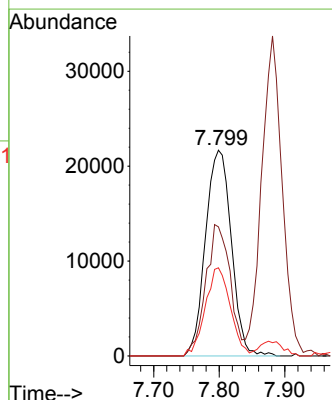
Tgt Ion: 97 Resp: 59438

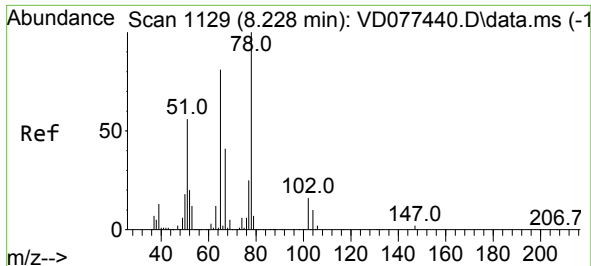
Ion Ratio Lower Upper

97 100

99 59.8 52.0 78.0

61 41.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 46.586 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD078059.D

Acq: 22 Dec 2023 13:09

Instrument :

MSVOA_D

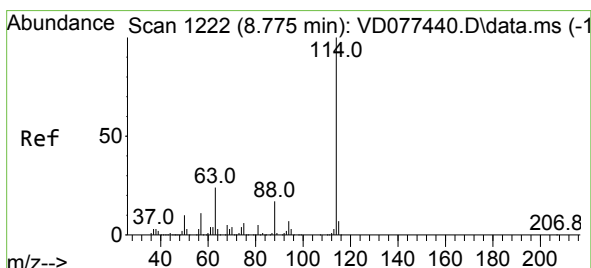
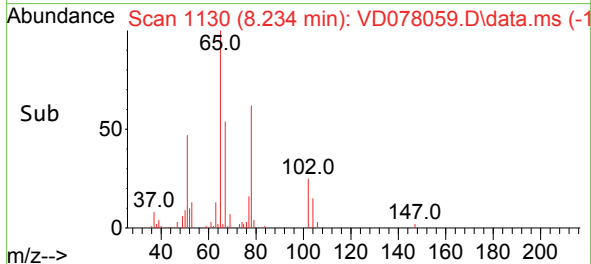
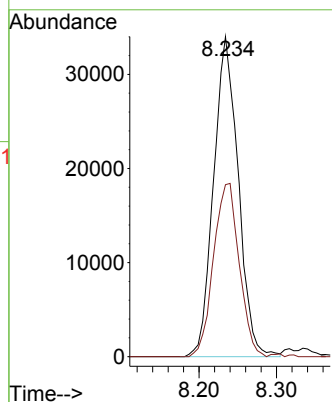
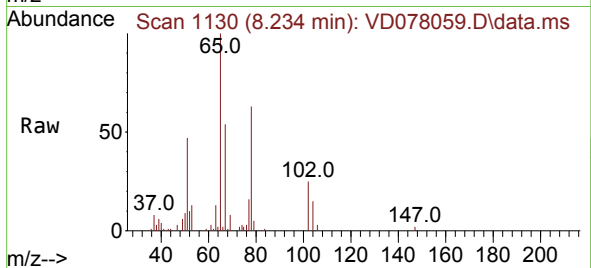
ClientSampleId :

Tgt Ion: 65 Resp: 75120

Ion Ratio Lower Upper

65 100

67 56.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078059.D

Acq: 22 Dec 2023 13:09

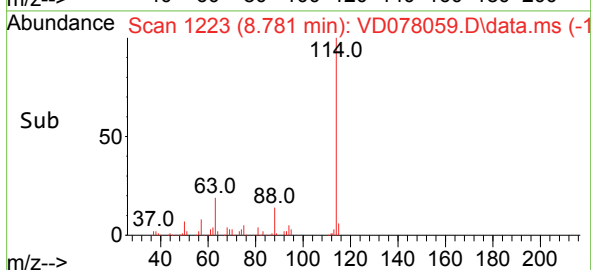
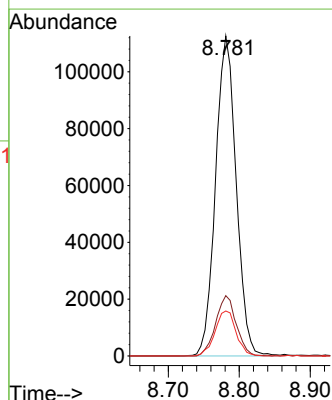
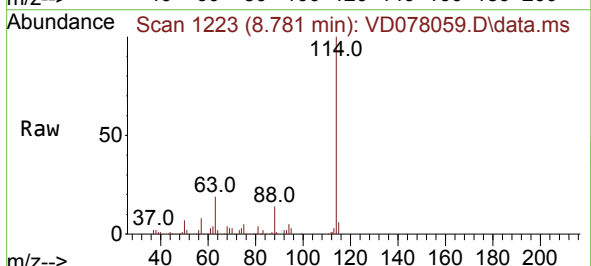
Tgt Ion: 114 Resp: 226905

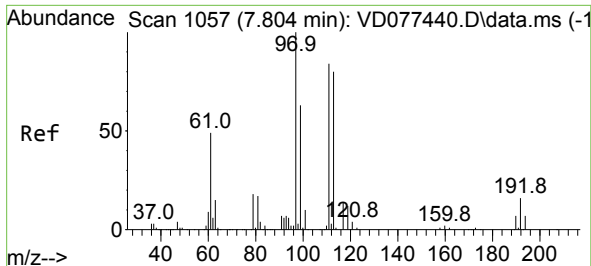
Ion Ratio Lower Upper

114 100

63 18.8 0.0 33.4

88 14.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 53.546 ug/l

RT: 7.816 min Scan# 1059

Delta R.T. 0.012 min

Lab File: VD078059.D

Acq: 22 Dec 2023 13:09

Instrument :

MSVOA_D

ClientSampleId :

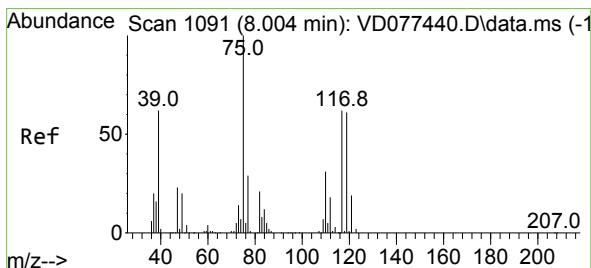
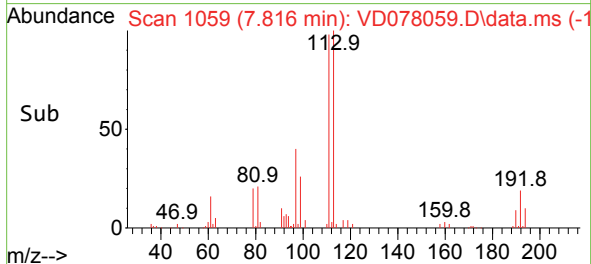
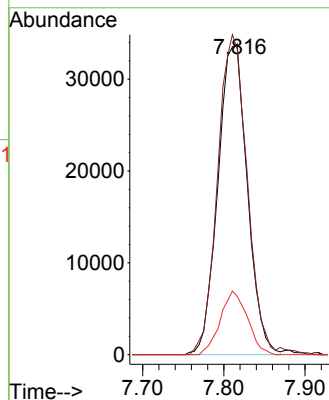
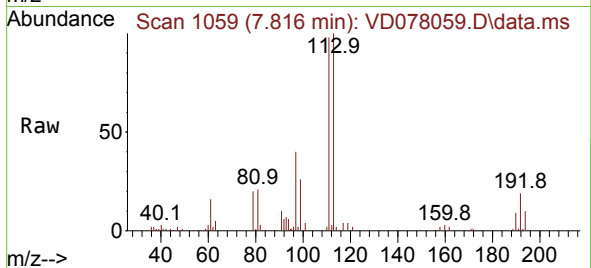
Tgt Ion:113 Resp: 85106

Ion Ratio Lower Upper

113 100

111 104.2 84.7 127.1

192 19.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 19.063 ug/l

RT: 8.011 min Scan# 1092

Delta R.T. 0.007 min

Lab File: VD078059.D

Acq: 22 Dec 2023 13:09

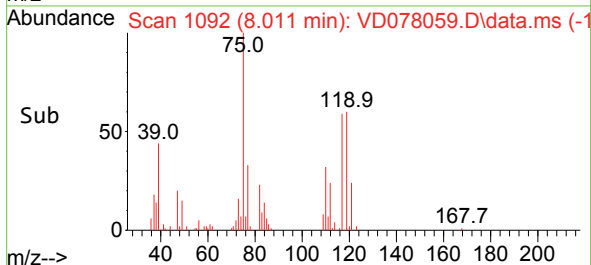
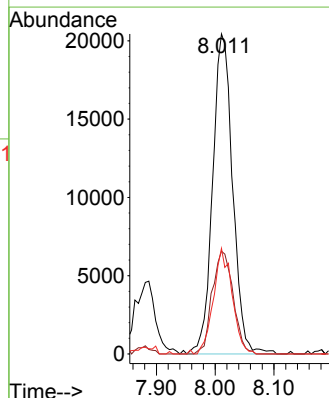
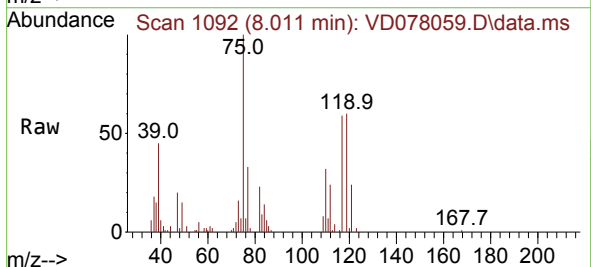
Tgt Ion: 75 Resp: 48464

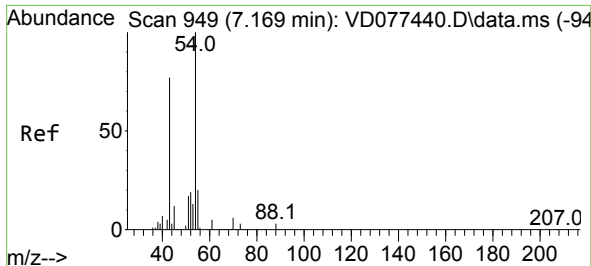
Ion Ratio Lower Upper

75 100

110 33.6 19.9 59.6

77 30.9 24.7 37.1





#37

Ethyl Acetate

Concen: 18.414 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

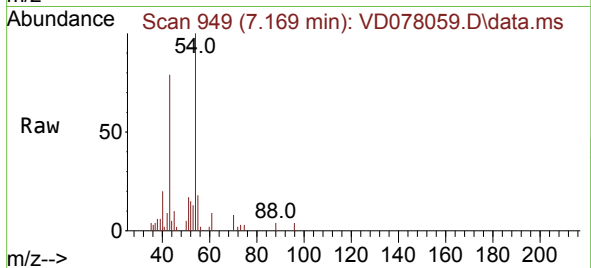
Lab File: VD078059.D

Acq: 22 Dec 2023 13:09

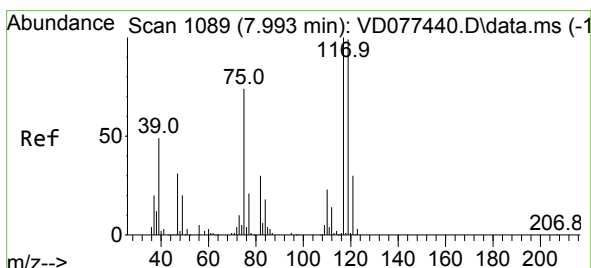
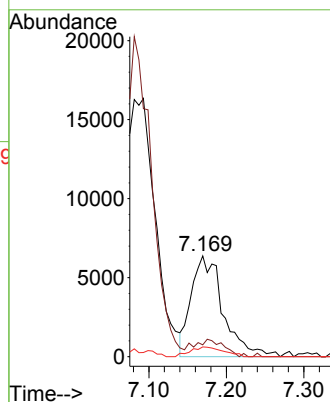
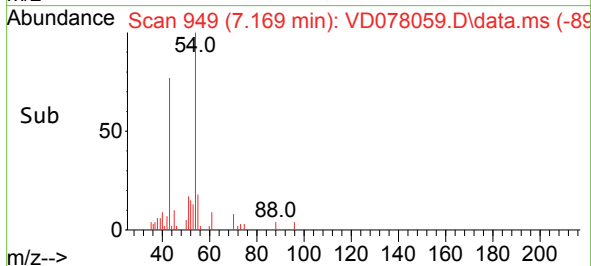
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	43	Resp:	18254
Ion	Ratio	Lower	Upper
43	100		
61	16.1	14.9	22.3
70	10.1	10.0	15.0



#38

Carbon Tetrachloride

Concen: 19.034 ug/l

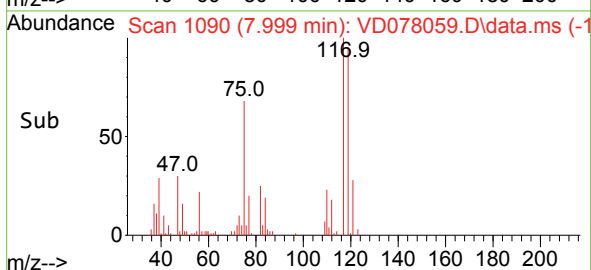
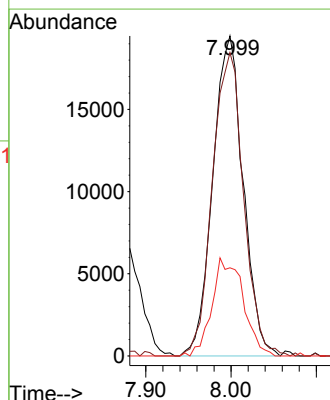
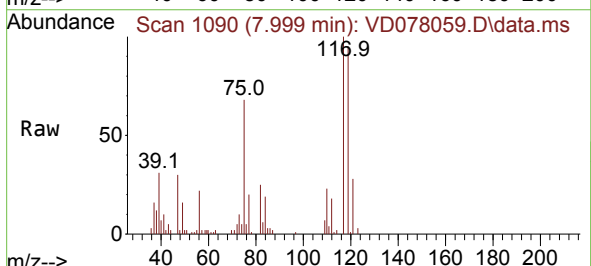
RT: 7.999 min Scan# 1090

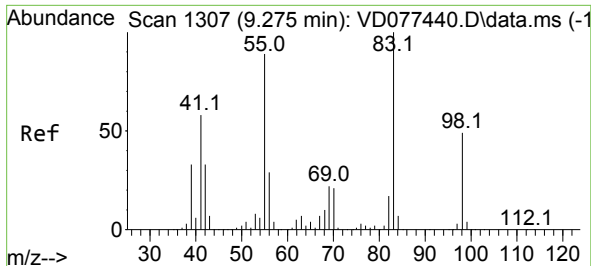
Delta R.T. 0.006 min

Lab File: VD078059.D

Acq: 22 Dec 2023 13:09

Tgt Ion:	117	Resp:	48243
Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.0	117.0
121	27.5	24.2	36.2





#39

Methylcyclohexane

Concen: 17.360 ug/l

RT: 9.275 min Scan# 1137

Delta R.T. 0.000 min

Lab File: VD078059.D

Acq: 22 Dec 2023 13:09

Instrument :

MSVOA_D

ClientSampleId :

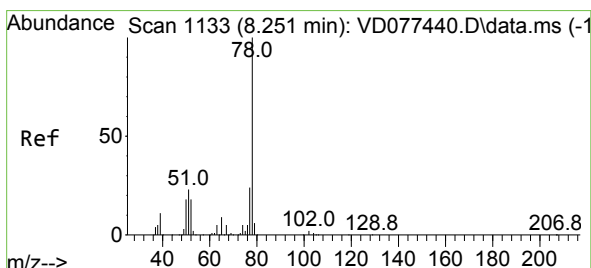
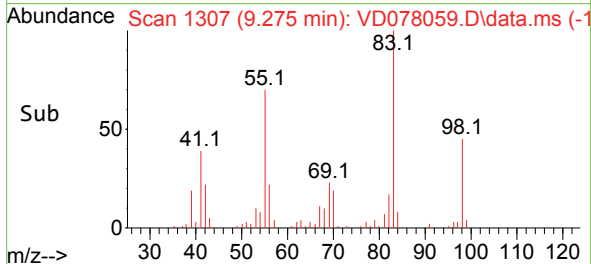
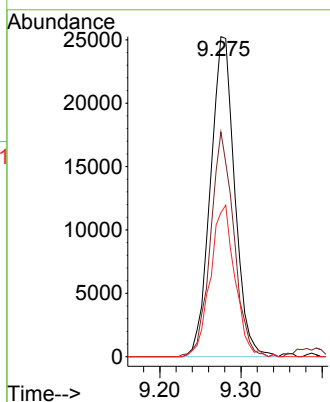
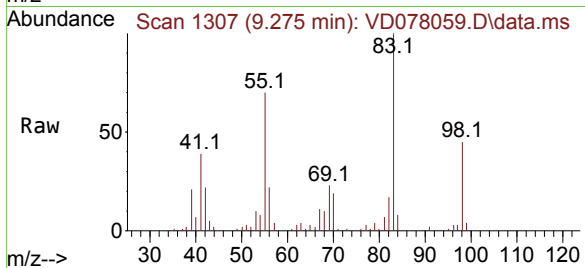
Tgt Ion: 83 Resp: 52320

Ion Ratio Lower Upper

83 100

55 70.2 49.4 74.0

98 45.0 38.4 57.6



#40

Benzene

Concen: 18.880 ug/l

RT: 8.258 min Scan# 1134

Delta R.T. 0.007 min

Lab File: VD078059.D

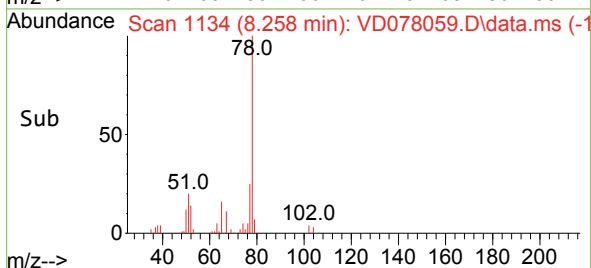
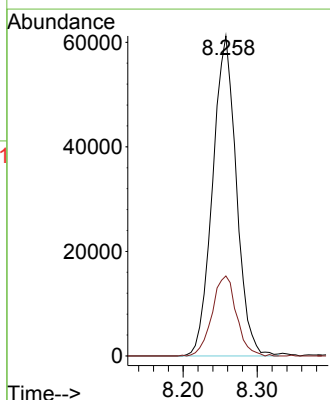
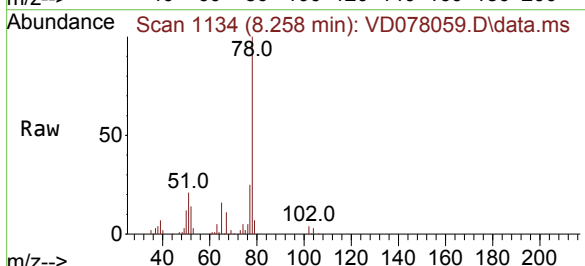
Acq: 22 Dec 2023 13:09

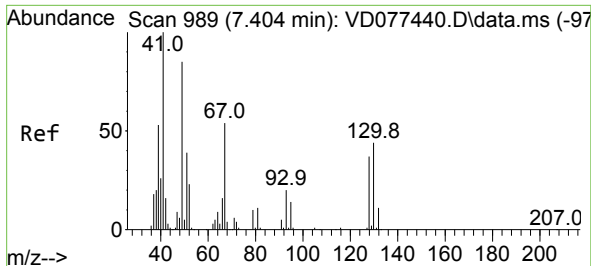
Tgt Ion: 78 Resp: 136229

Ion Ratio Lower Upper

78 100

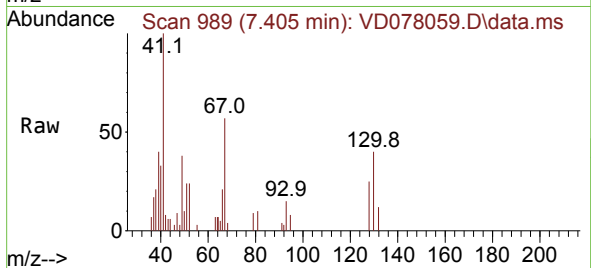
77 25.0 19.4 29.0



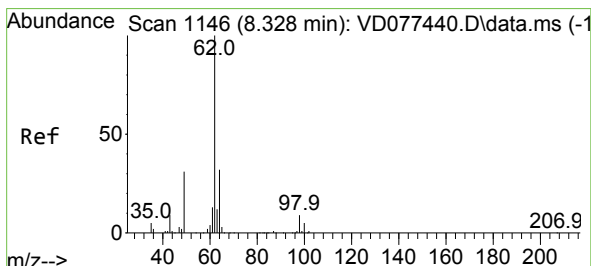
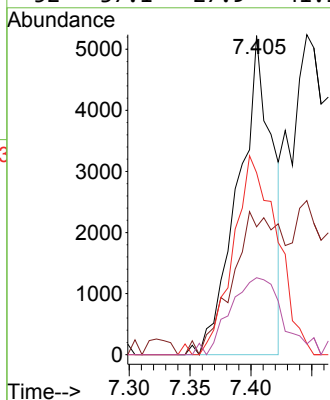
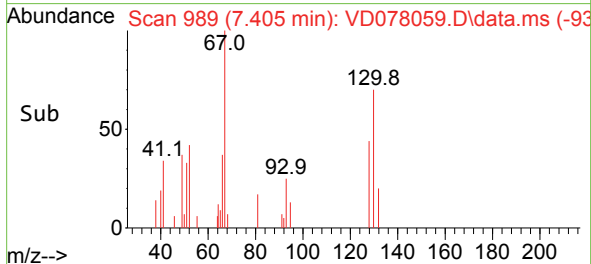


#41
Methacrylonitrile
Concen: 20.324 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.001 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

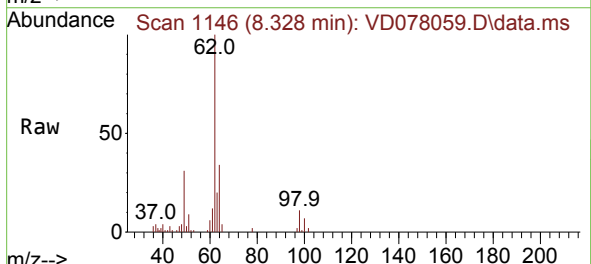
Instrument :
MSVOA_D
ClientSampleId :



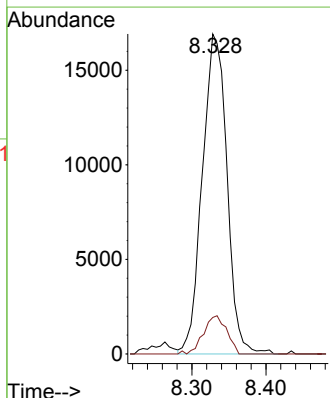
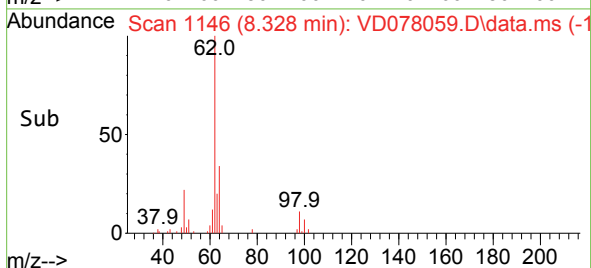
Tgt Ion: 41 Resp: 10240
Ion Ratio Lower Upper
41 100
39 63.8 34.0 51.0#
67 79.3 77.0 115.4
52 37.1 27.9 41.9

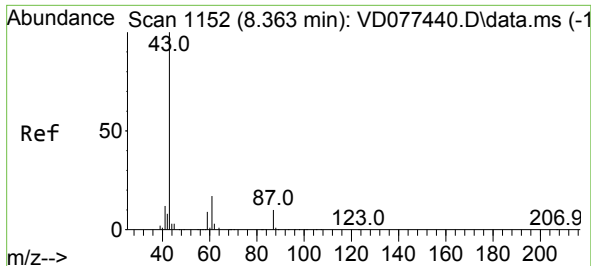


#42
1,2-Dichloroethane
Concen: 20.879 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09



Tgt Ion: 62 Resp: 39052
Ion Ratio Lower Upper
62 100
98 11.3 0.0 25.4

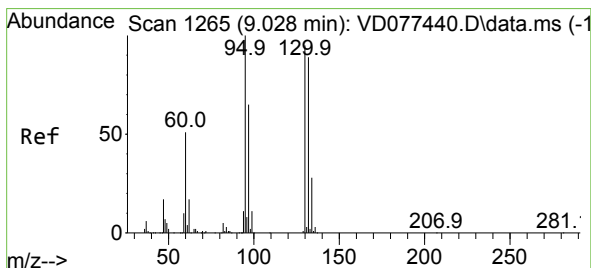
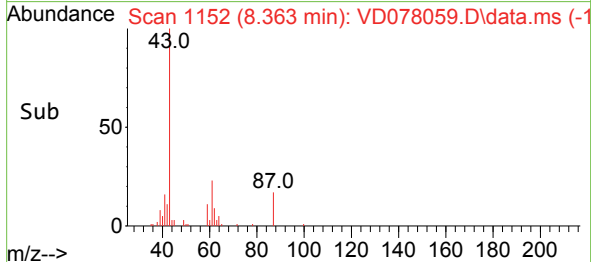
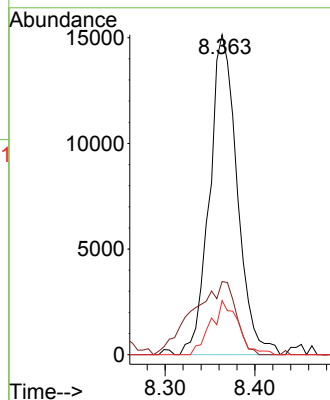
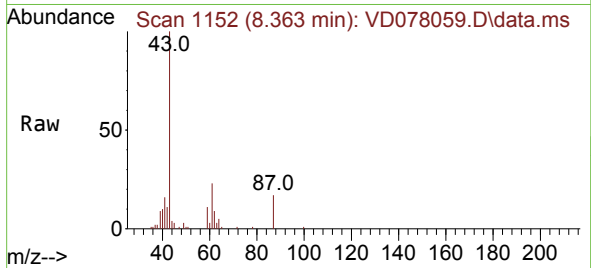




#43
Isopropyl Acetate
Concen: 18.403 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

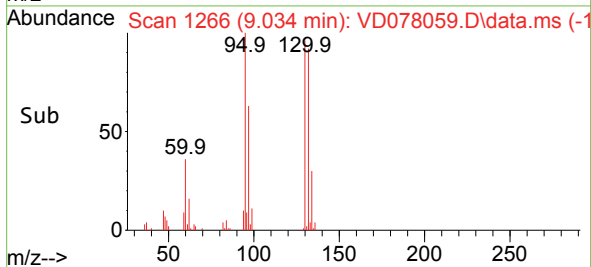
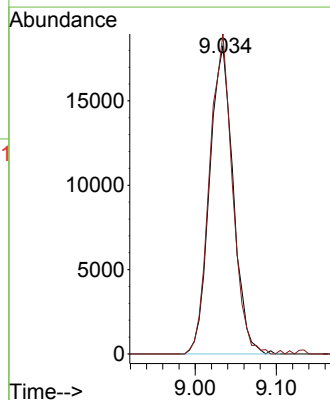
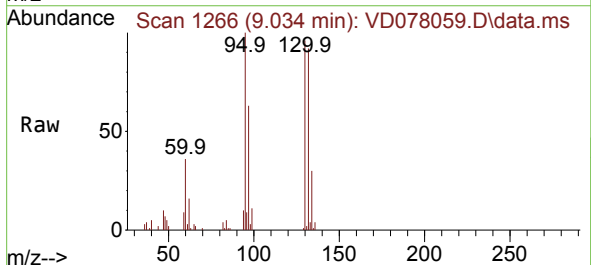
Instrument :
MSVOA_D
ClientSampleId :

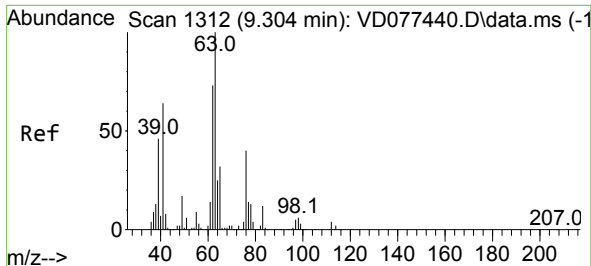
Tgt Ion: 43 Resp: 32430
Ion Ratio Lower Upper
43 100
61 35.4 31.4 47.0
87 16.8 14.9 22.3



#44
Trichloroethene
Concen: 19.632 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

Tgt Ion:130 Resp: 36915
Ion Ratio Lower Upper
130 100
95 103.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.941 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD078059.D

Acq: 22 Dec 2023 13:09

Instrument :

MSVOA_D

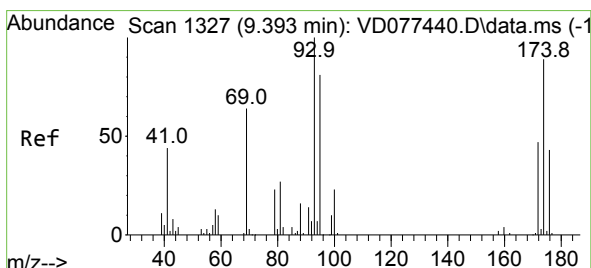
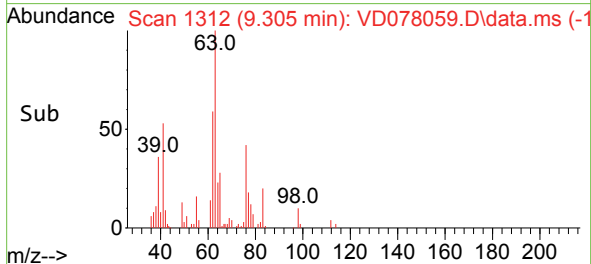
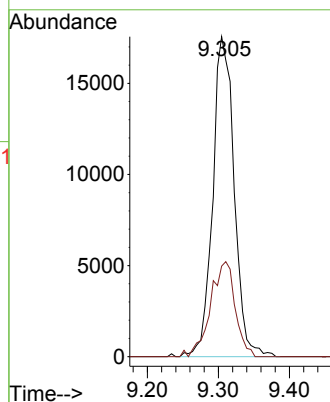
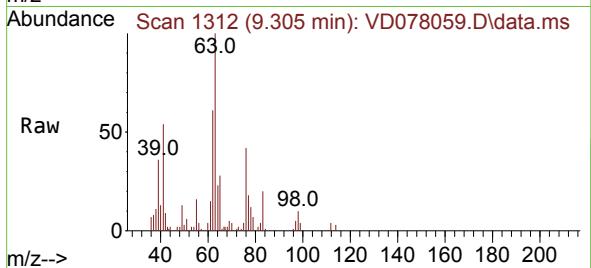
ClientSampleId :

Tgt Ion: 63 Resp: 36732

Ion Ratio Lower Upper

63 100

65 28.3 24.5 36.7



#46

Dibromomethane

Concen: 20.539 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD078059.D

Acq: 22 Dec 2023 13:09

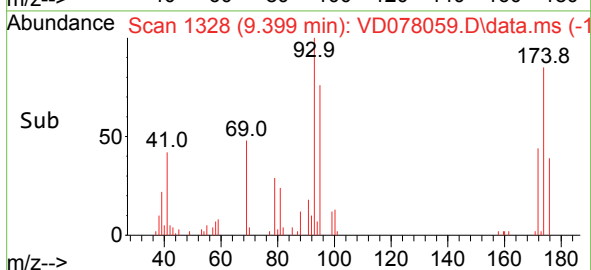
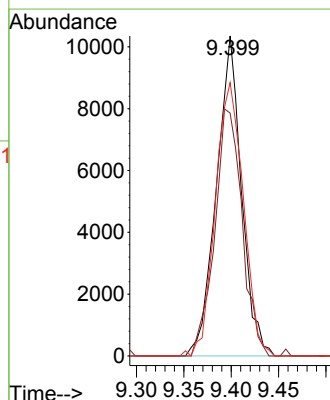
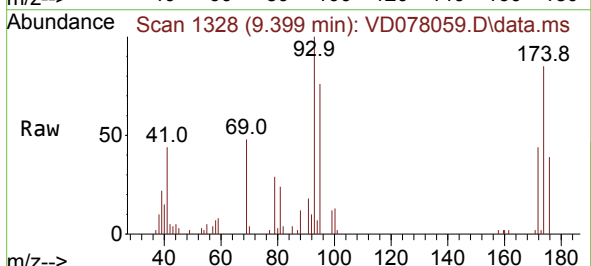
Tgt Ion: 93 Resp: 19063

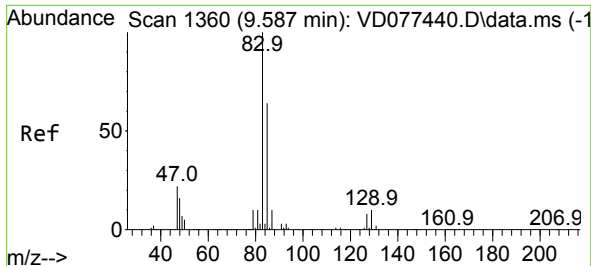
Ion Ratio Lower Upper

93 100

95 84.2 67.7 101.5

174 95.4 85.4 128.2

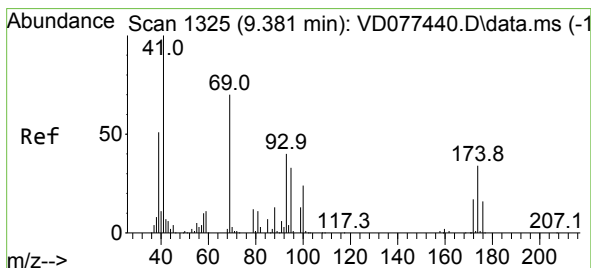
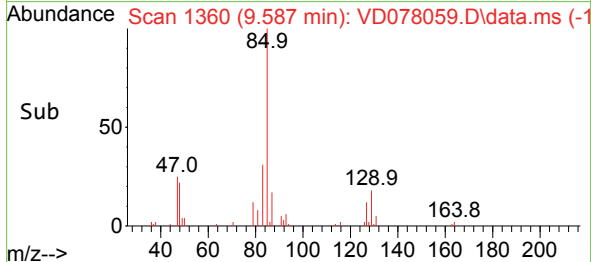
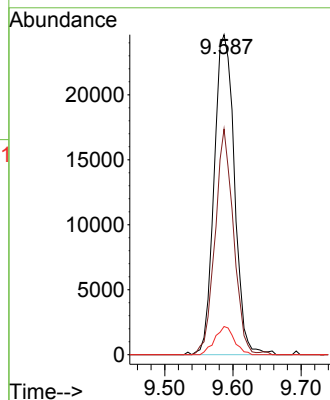
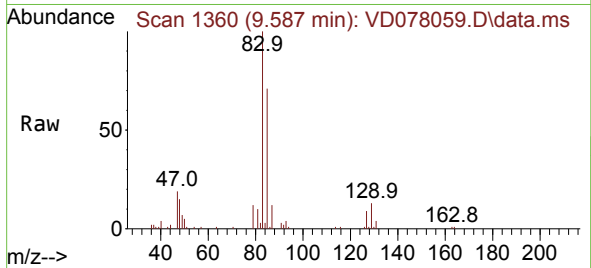




#47
Bromodichloromethane
Concen: 21.687 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

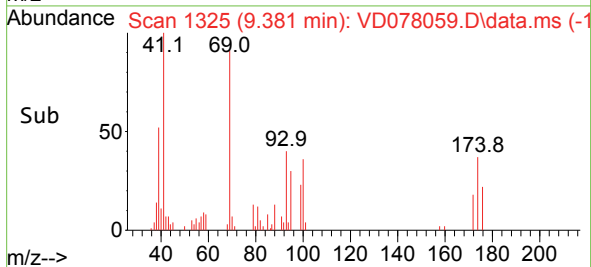
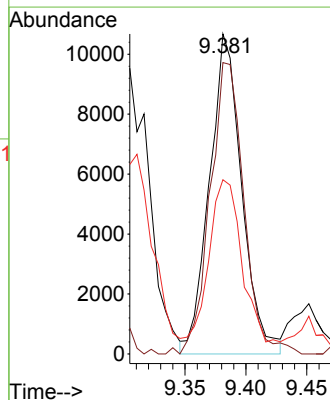
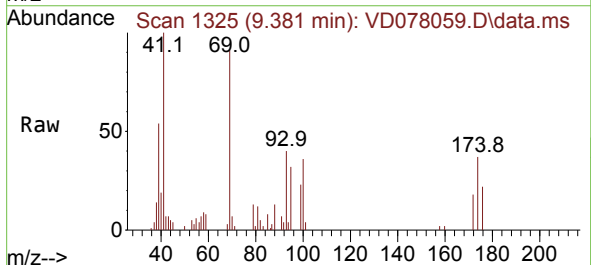
Instrument :
MSVOA_D
ClientSampleId :

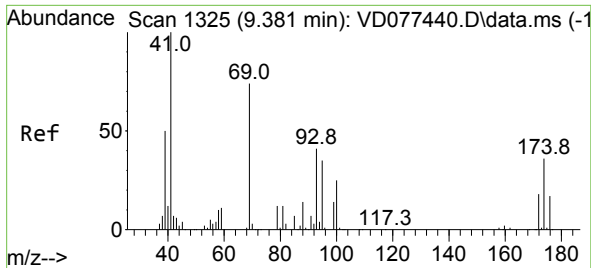
Tgt Ion: 83 Resp: 51017
Ion Ratio Lower Upper
83 100
85 70.5 50.2 75.4
127 8.8 6.3 9.5



#48
Methyl methacrylate
Concen: 19.647 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

Tgt Ion: 41 Resp: 19681
Ion Ratio Lower Upper
41 100
69 95.1 102.2 153.2#
39 50.4 41.4 62.2





#49

1,4-Dioxane

Concen: 359.595 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.012 min

Lab File: VD078059.D

Acq: 22 Dec 2023 13:09

Instrument :

MSVOA_D

ClientSampleId :

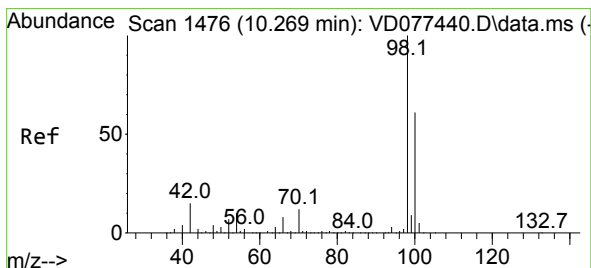
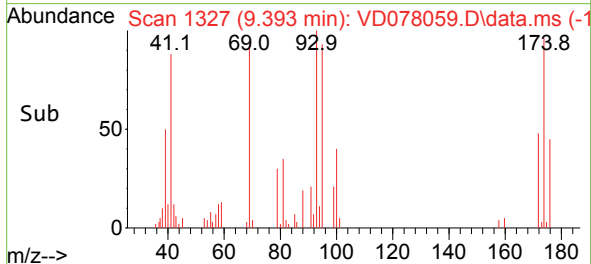
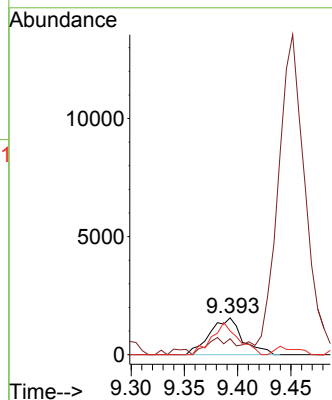
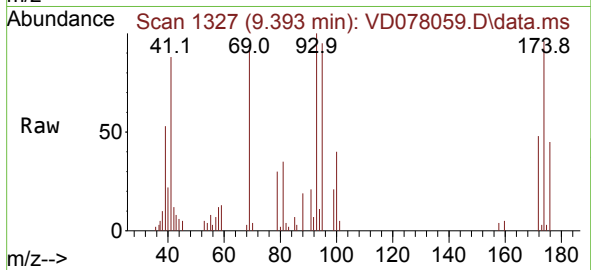
Tgt Ion: 88 Resp: 3314

Ion Ratio Lower Upper

88 100

43 40.4 19.0 28.6#

58 70.4 43.5 65.3#



#50

Toluene-d8

Concen: 50.772 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078059.D

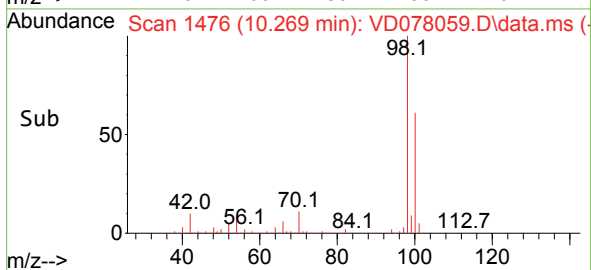
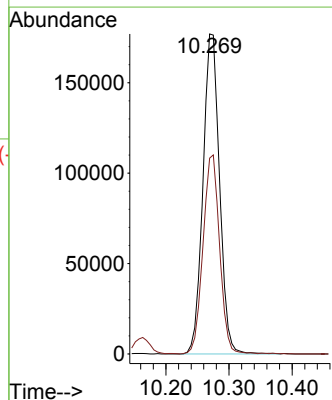
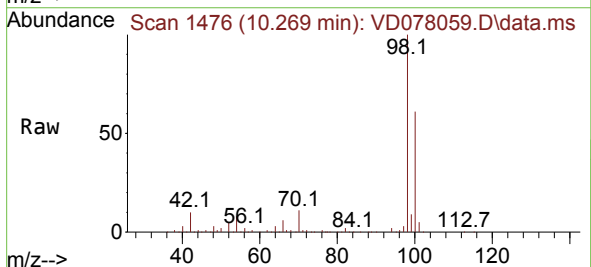
Acq: 22 Dec 2023 13:09

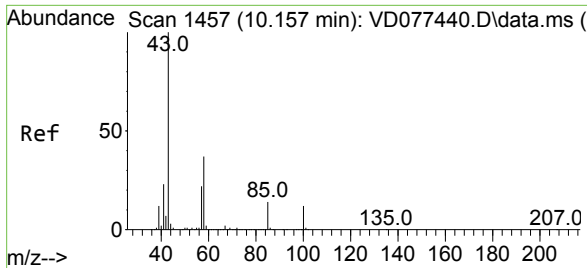
Tgt Ion: 98 Resp: 323202

Ion Ratio Lower Upper

98 100

100 62.2 50.3 75.5

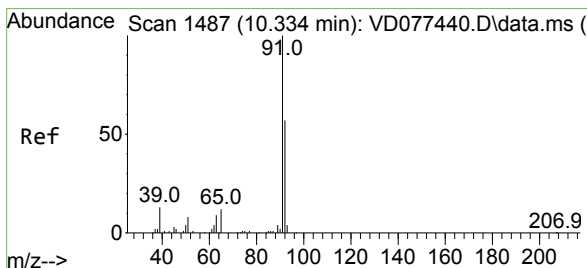
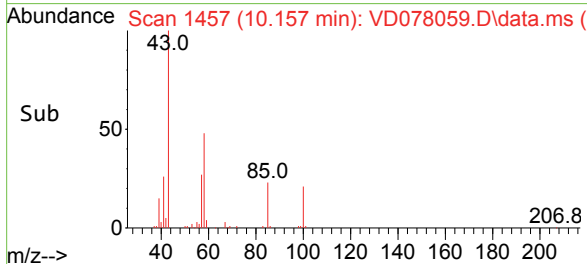
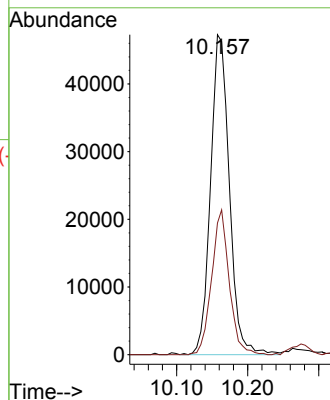
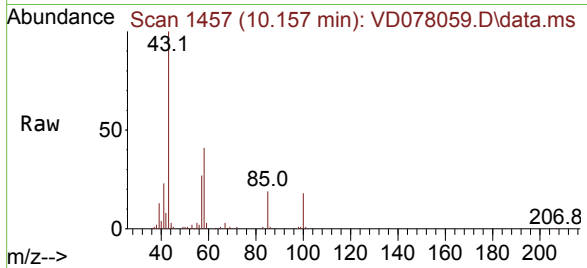




#51
4-Methyl-2-Pentanone
Concen: 96.749 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

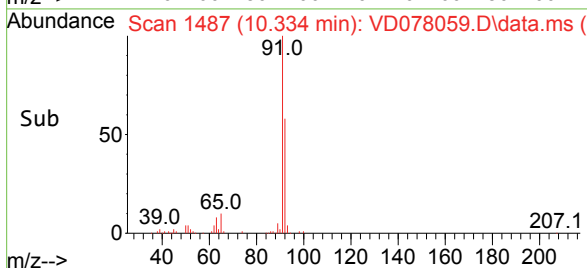
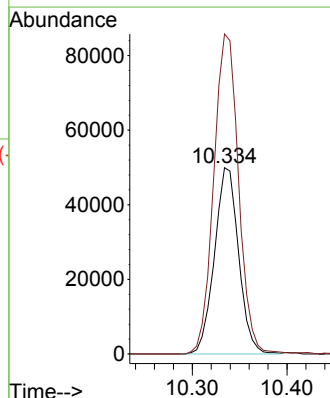
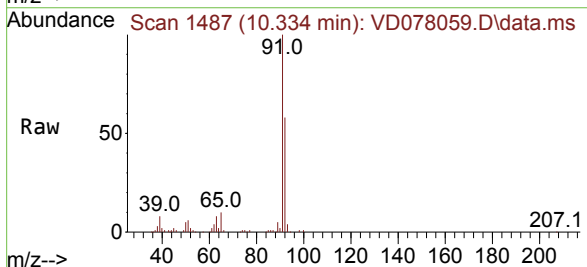
Instrument :
MSVOA_D
ClientSampleId :

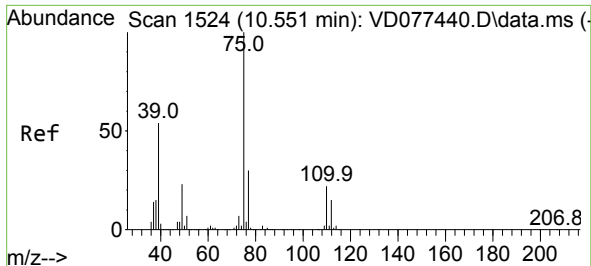
Tgt Ion: 43 Resp: 87011
Ion Ratio Lower Upper
43 100
58 42.4 38.9 58.3



#52
Toluene
Concen: 19.778 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

Tgt Ion: 92 Resp: 88526
Ion Ratio Lower Upper
92 100
91 176.7 143.0 214.4

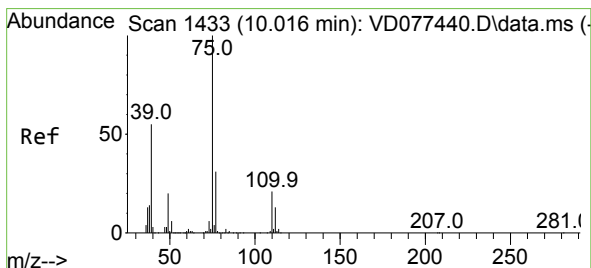
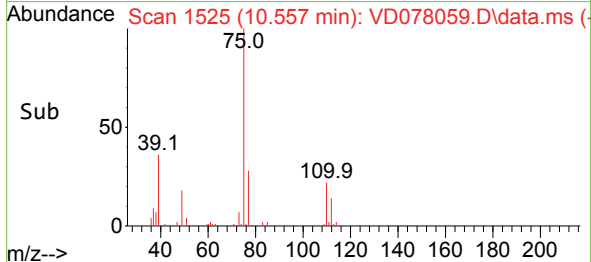
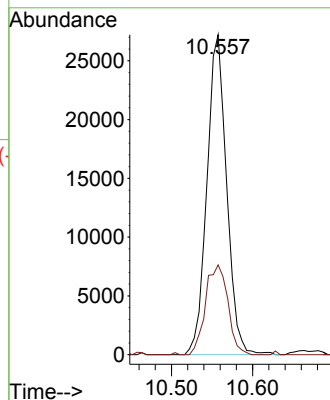
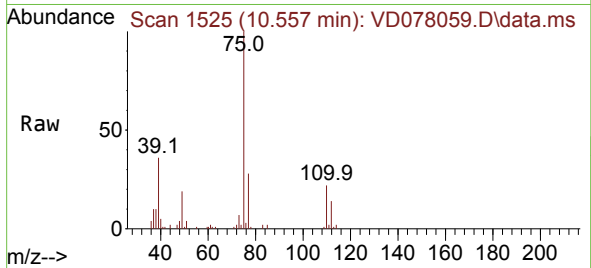




#53
t-1,3-Dichloropropene
Concen: 20.300 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

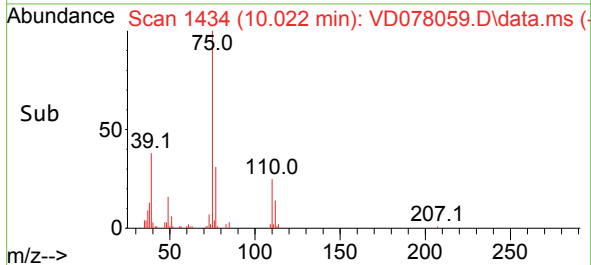
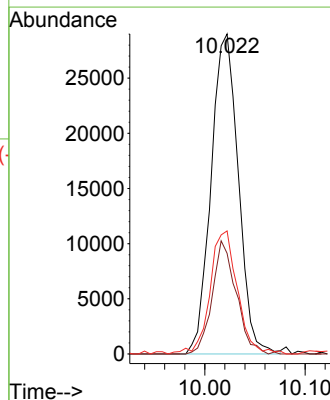
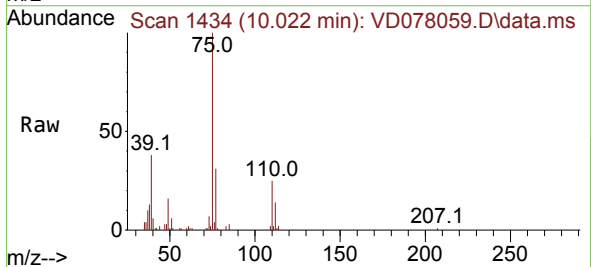
Instrument :
MSVOA_D
ClientSampleId :

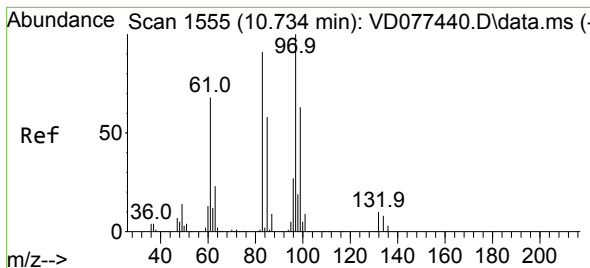
Tgt Ion: 75 Resp: 45859
Ion Ratio Lower Upper
75 100
77 28.1 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 20.073 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

Tgt Ion: 75 Resp: 54826
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3
39 37.7 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 21.669 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

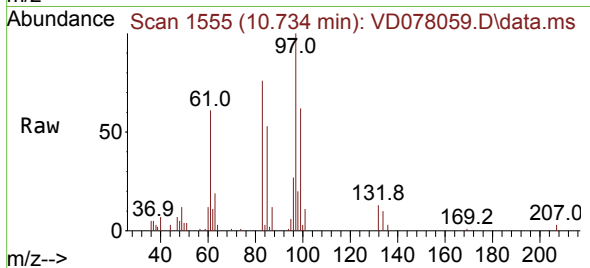
Lab File: VD078059.D

Acq: 22 Dec 2023 13:09

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 27509

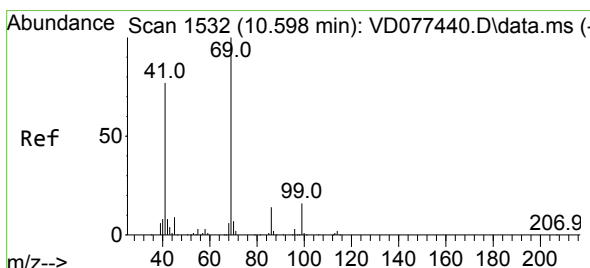
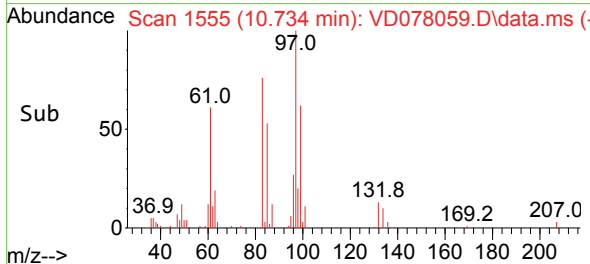
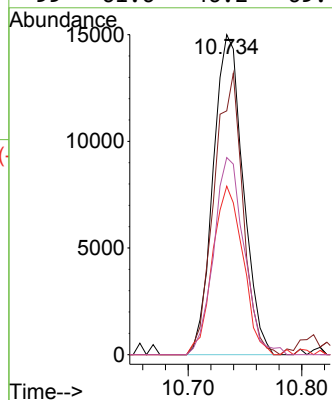
Ion Ratio Lower Upper

97 100

83 76.2 65.8 98.6

85 52.7 45.7 68.5

99 61.6 46.2 69.4



#56

Ethyl methacrylate

Concen: 19.397 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.001 min

Lab File: VD078059.D

Acq: 22 Dec 2023 13:09

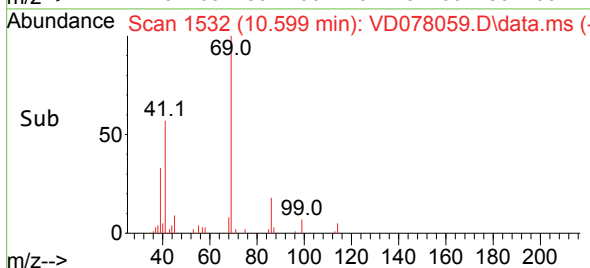
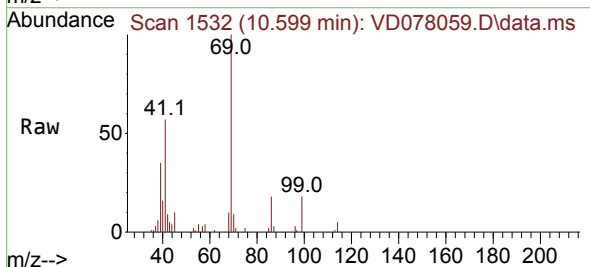
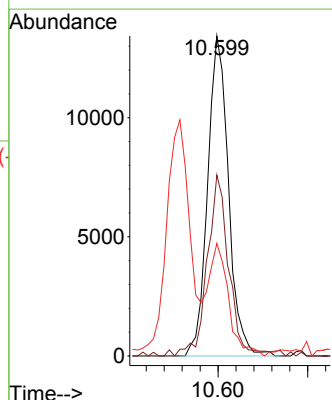
Tgt Ion: 69 Resp: 21708

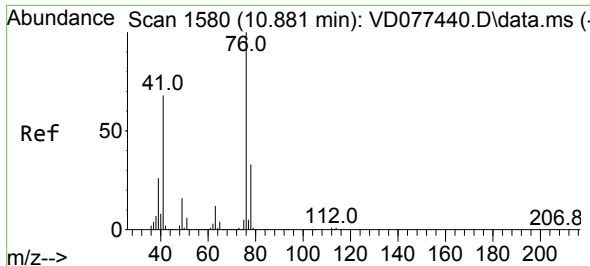
Ion Ratio Lower Upper

69 100

41 59.0 39.1 58.7#

39 34.2 20.0 30.0#

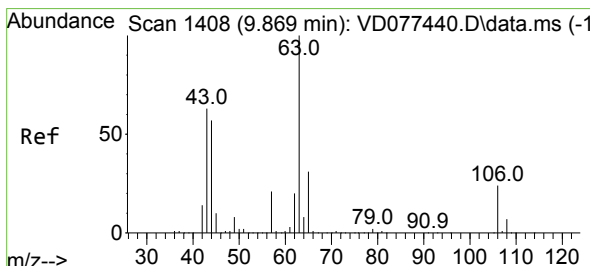
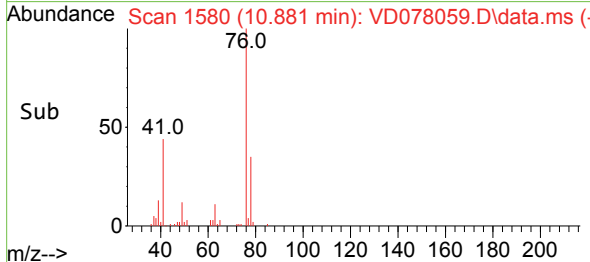
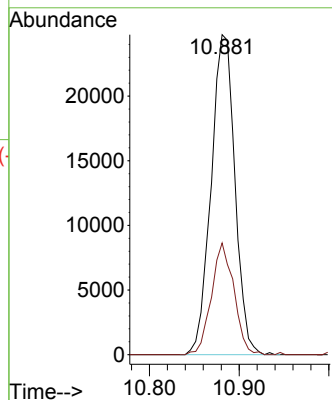
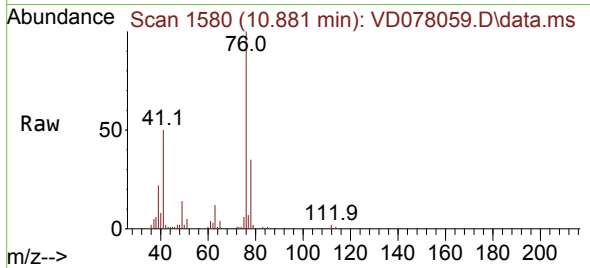




#57
1,3-Dichloropropane
Concen: 20.847 ug/l
RT: 10.881 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

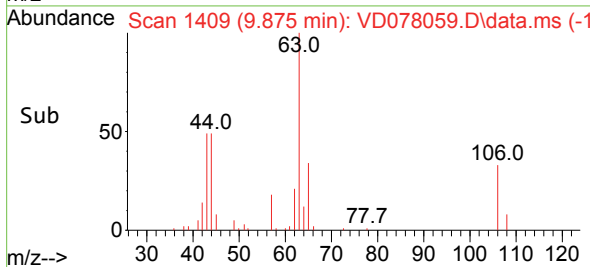
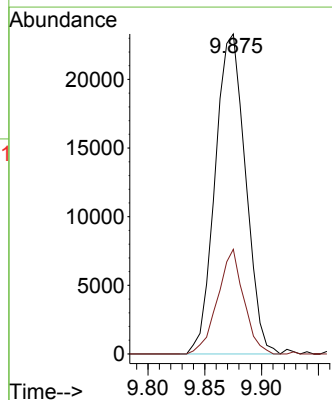
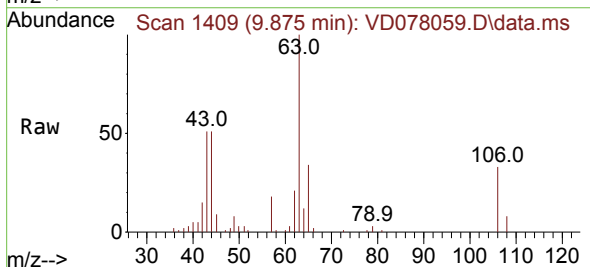
Instrument :
MSVOA_D
ClientSampleId :

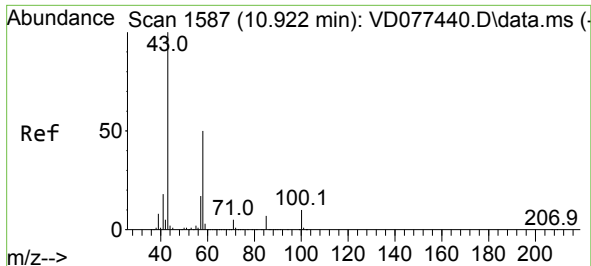
Tgt Ion: 76 Resp: 45619
Ion Ratio Lower Upper
76 100
78 32.9 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 67.889 ug/l
RT: 9.875 min Scan# 1409
Delta R.T. 0.006 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

Tgt Ion: 63 Resp: 43327
Ion Ratio Lower Upper
63 100
106 28.2 25.3 37.9

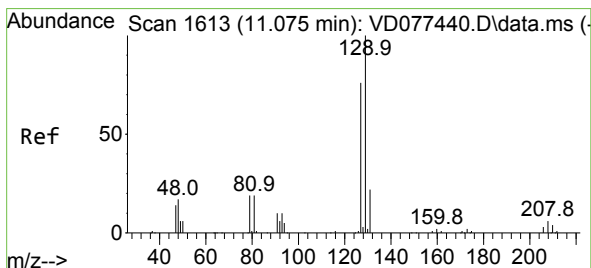
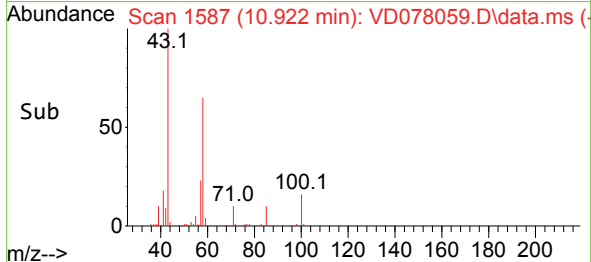
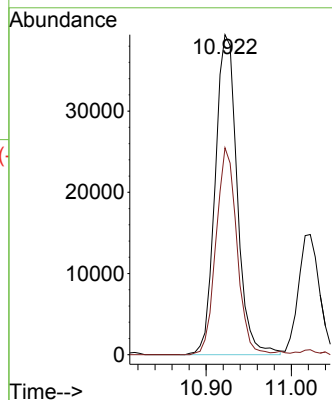
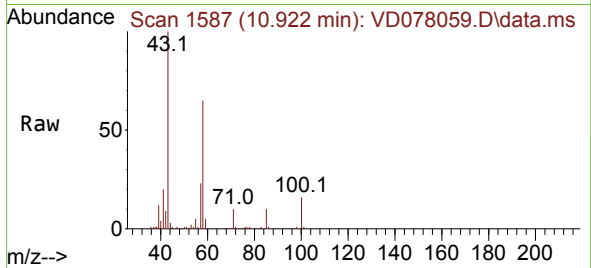




#59
2-Hexanone
Concen: 94.649 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

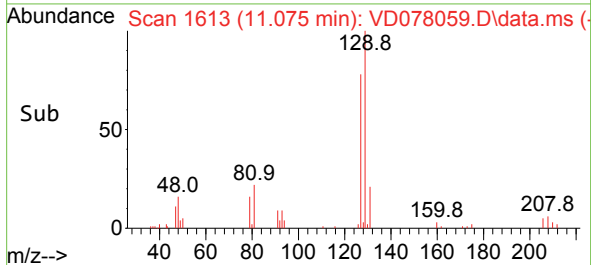
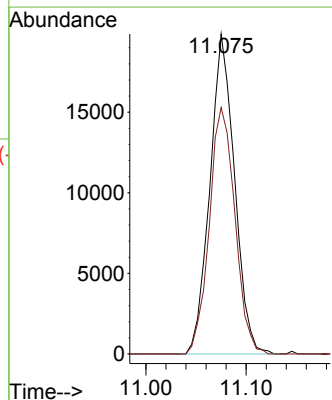
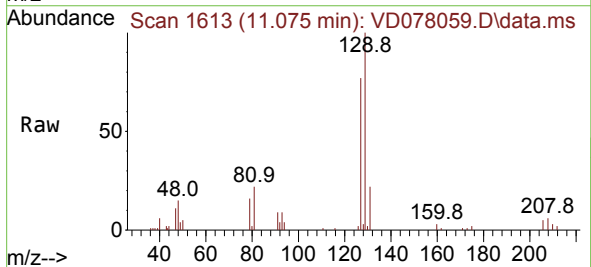
Instrument :
MSVOA_D
ClientSampleId :

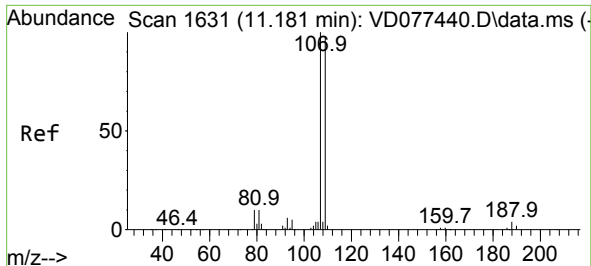
Tgt Ion: 43 Resp: 70621
Ion Ratio Lower Upper
43 100
58 61.5 34.1 102.2



#60
Dibromochloromethane
Concen: 22.173 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

Tgt Ion: 129 Resp: 33891
Ion Ratio Lower Upper
129 100
127 80.0 37.1 111.5

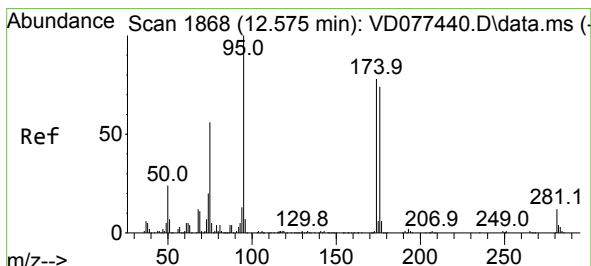
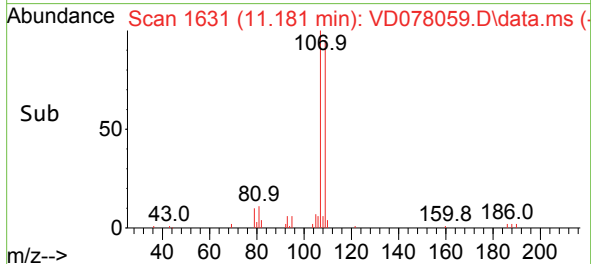
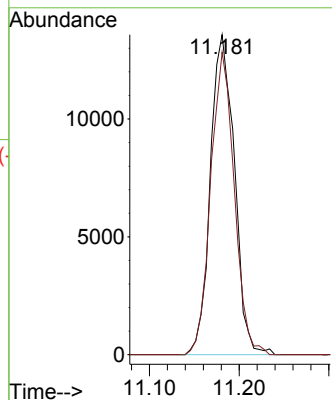
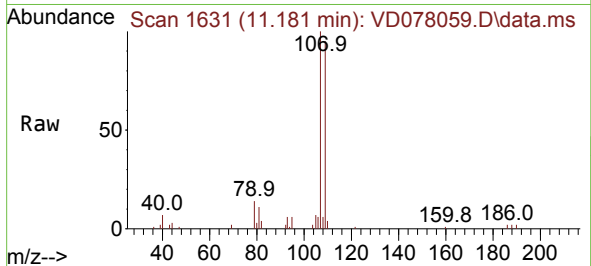




#61
1,2-Dibromoethane
Concen: 21.132 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

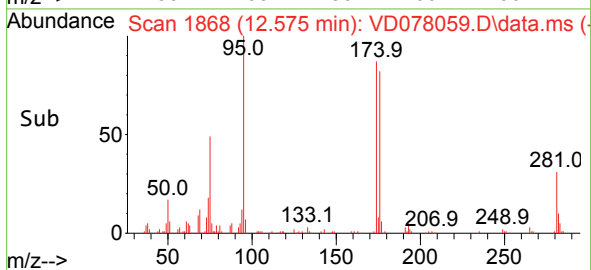
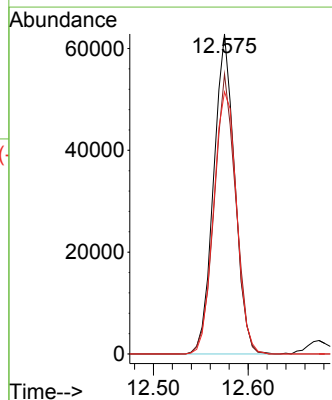
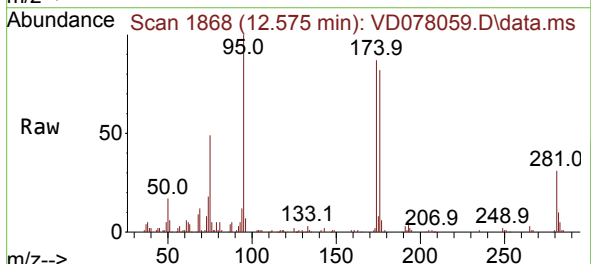
Instrument :
MSVOA_D
ClientSampleId :

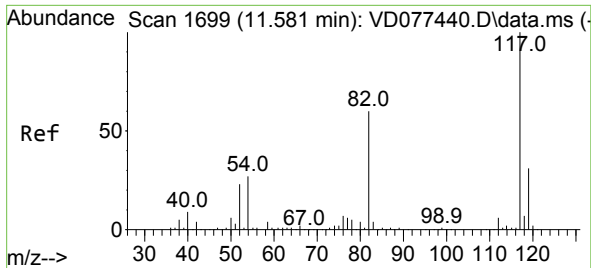
Tgt Ion:107 Resp: 25253
Ion Ratio Lower Upper
107 100
109 92.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.015 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

Tgt Ion: 95 Resp: 97092
Ion Ratio Lower Upper
95 100
174 89.0 0.0 201.8
176 89.4 0.0 191.8

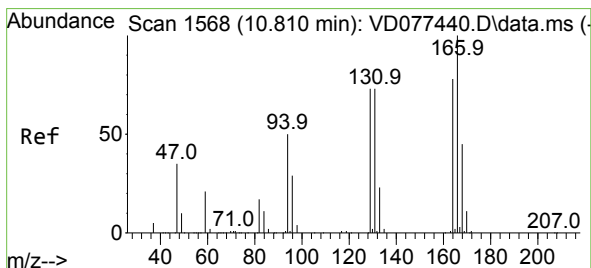
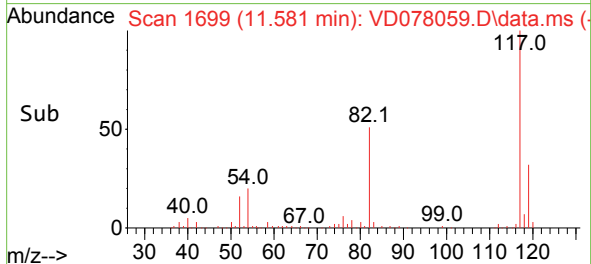
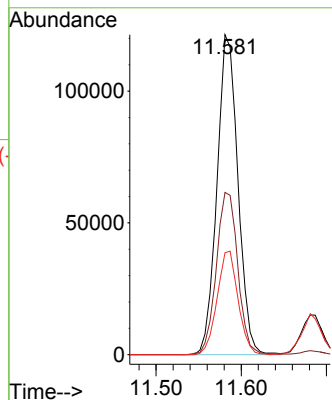
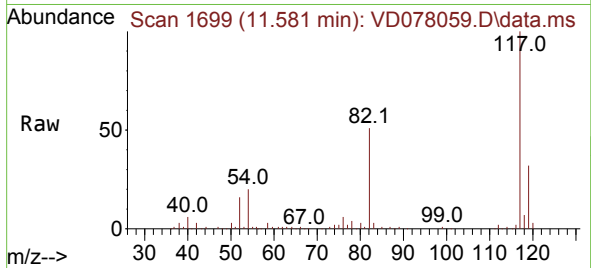




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

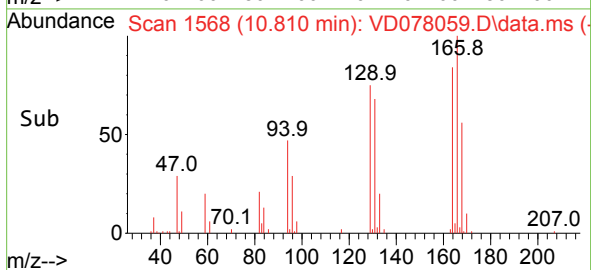
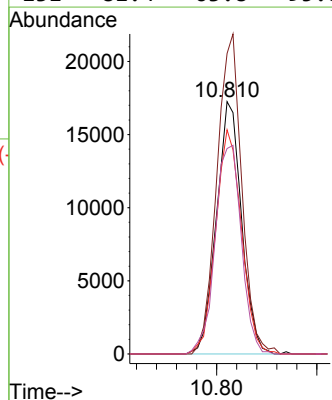
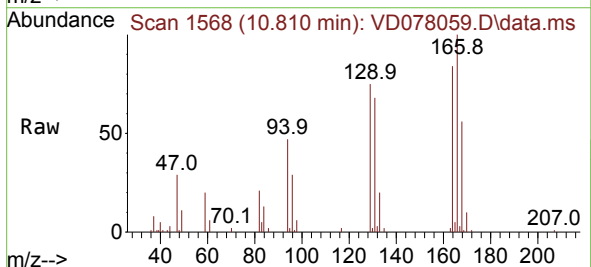
Instrument :
MSVOA_D
ClientSampleId :

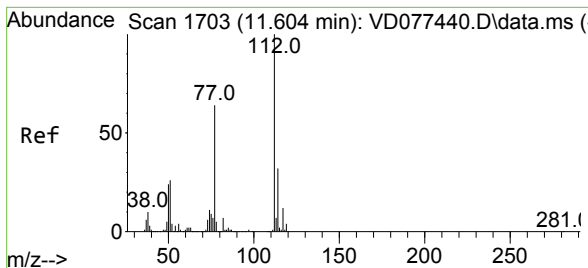
Tgt Ion:117 Resp: 207823
Ion Ratio Lower Upper
117 100
82 50.7 38.3 57.5
119 31.9 25.0 37.4



#64
Tetrachloroethene
Concen: 19.628 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

Tgt Ion:164 Resp: 29981
Ion Ratio Lower Upper
164 100
166 119.1 99.2 148.8
129 88.8 68.4 102.6
131 81.4 63.8 95.8





#65

Chlorobenzene

Concen: 18.751 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD078059.D

Acq: 22 Dec 2023 13:09

Instrument :

MSVOA_D

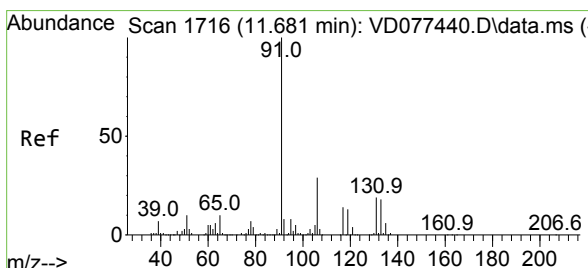
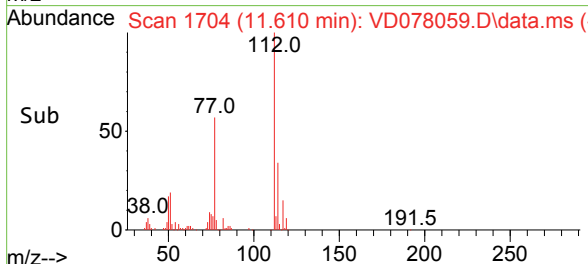
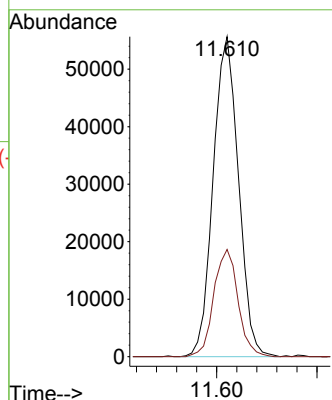
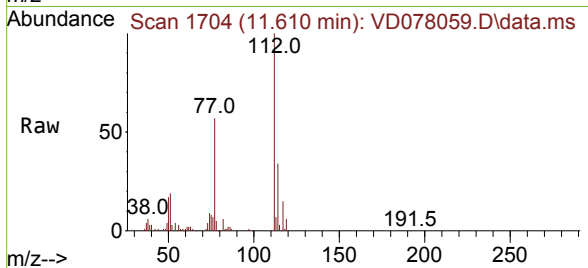
ClientSampleId :

Tgt Ion:112 Resp: 97548

Ion Ratio Lower Upper

112 100

114 33.5 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 20.442 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078059.D

Acq: 22 Dec 2023 13:09

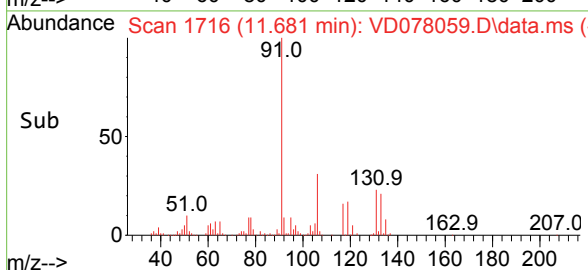
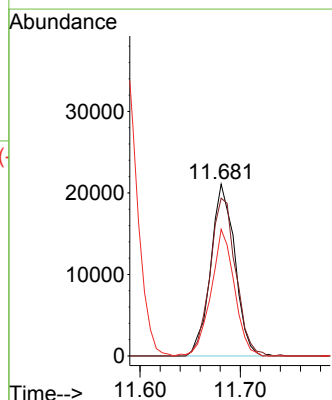
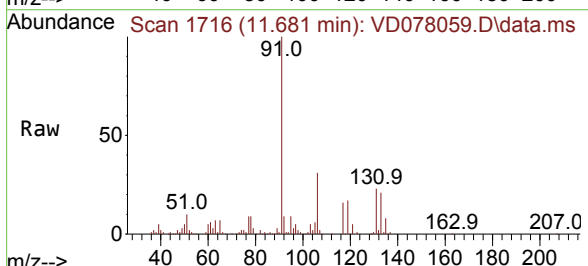
Tgt Ion:131 Resp: 35327

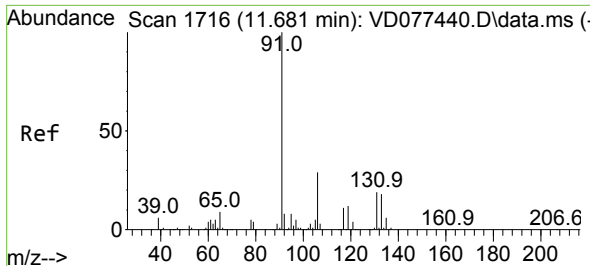
Ion Ratio Lower Upper

131 100

133 97.4 48.5 145.5

119 71.2 35.6 106.9

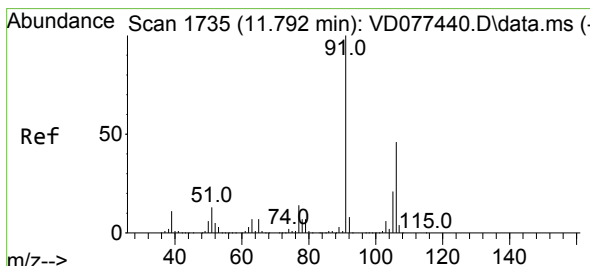
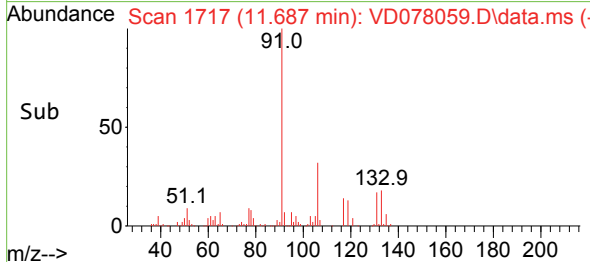
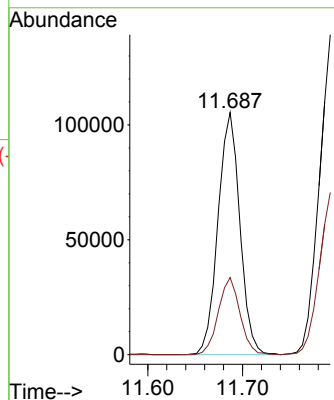
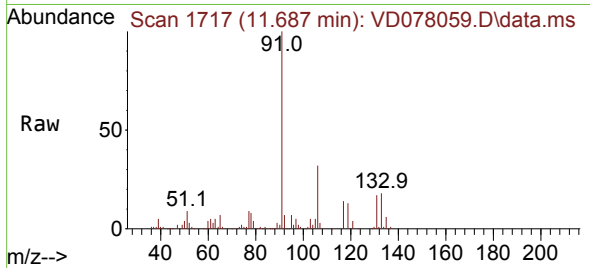




#67
Ethyl Benzene
Concen: 19.556 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

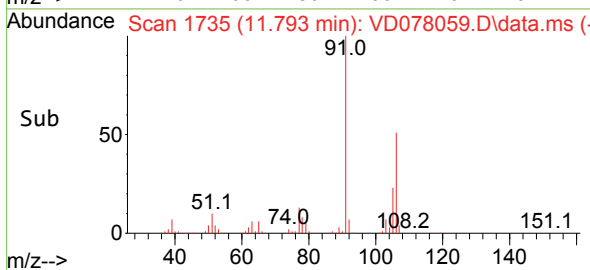
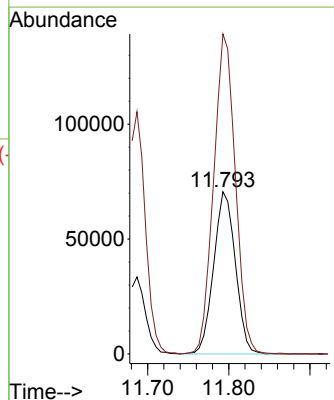
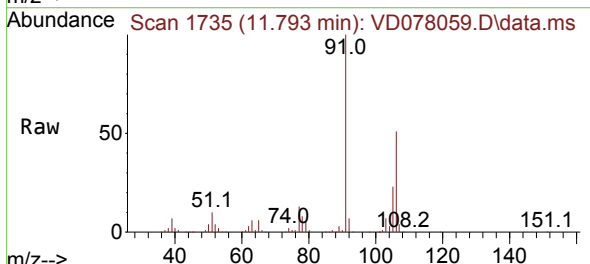
Instrument :
MSVOA_D
ClientSampleId :

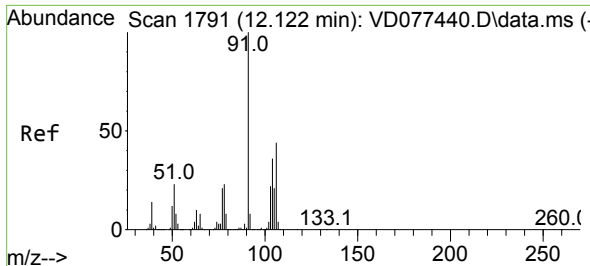
Tgt Ion: 91 Resp: 169200
Ion Ratio Lower Upper
91 100
106 31.9 26.5 39.7



#68
m/p-Xylenes
Concen: 39.673 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

Tgt Ion: 106 Resp: 131300
Ion Ratio Lower Upper
106 100
91 197.8 147.0 220.6

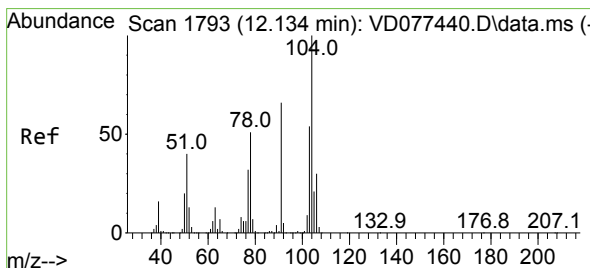
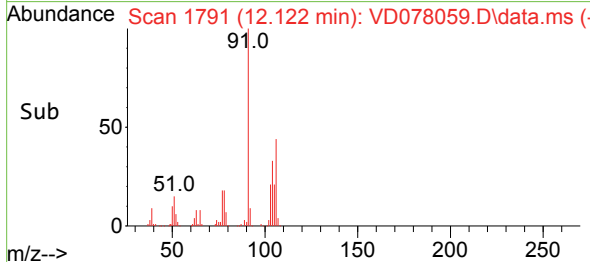
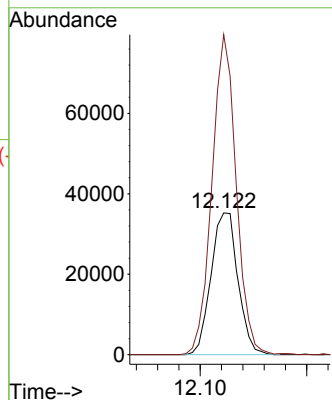
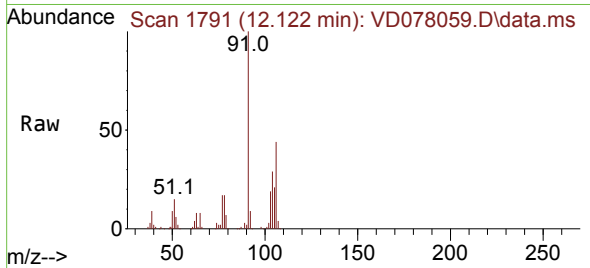




#69
o-Xylene
Concen: 20.248 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

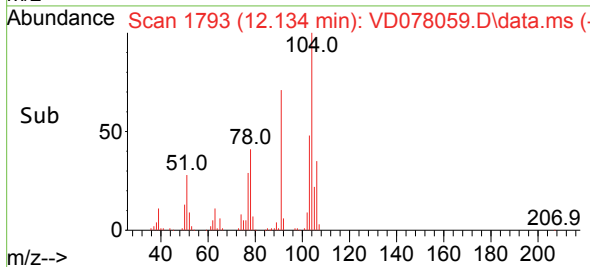
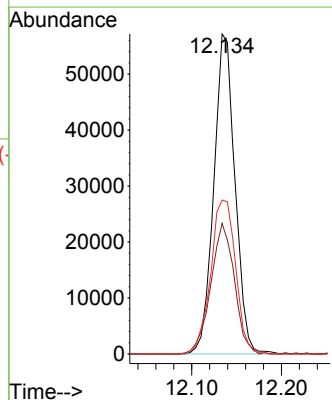
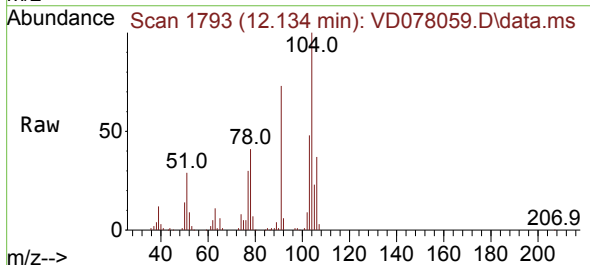
Instrument :
MSVOA_D
ClientSampleId :

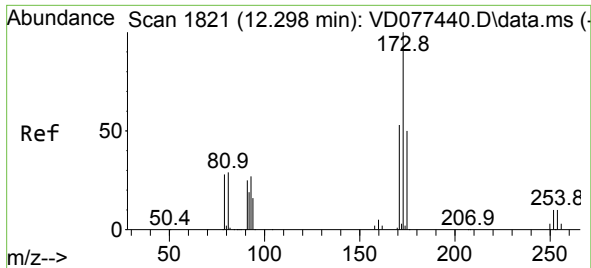
Tgt Ion:106 Resp: 61759
Ion Ratio Lower Upper
106 100
91 203.3 97.9 293.6



#70
Styrene
Concen: 20.700 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

Tgt Ion:104 Resp: 93885
Ion Ratio Lower Upper
104 100
78 45.4 33.2 49.8
103 56.5 43.6 65.4

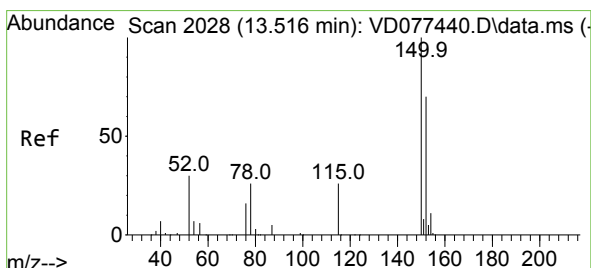
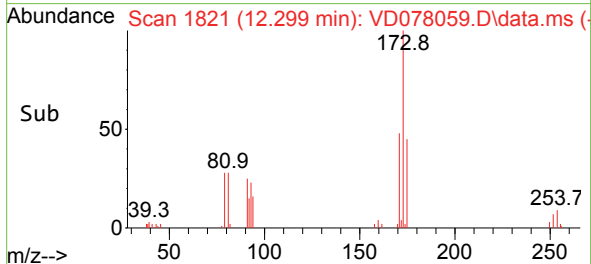
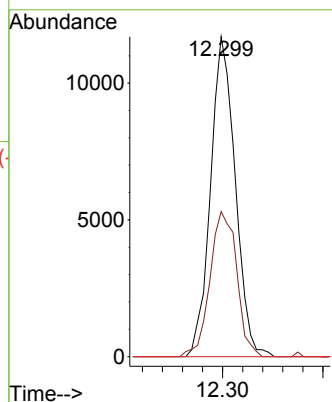
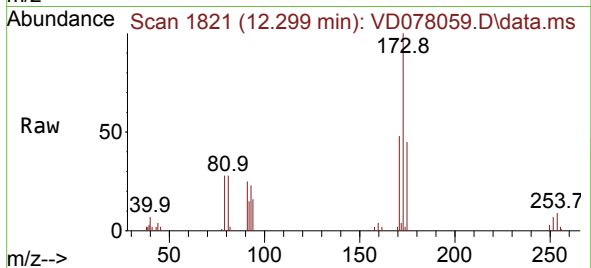




#71
Bromoform
Concen: 22.179 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

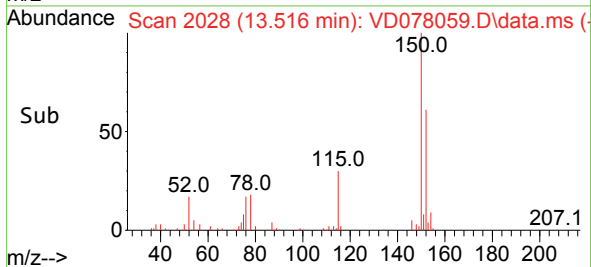
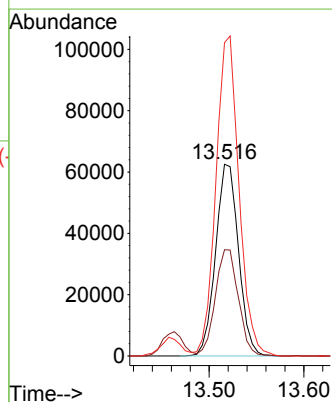
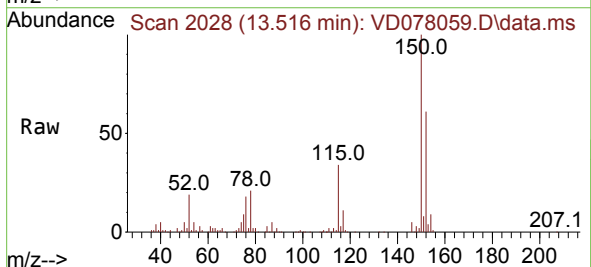
Instrument :
MSVOA_D
ClientSampleId :

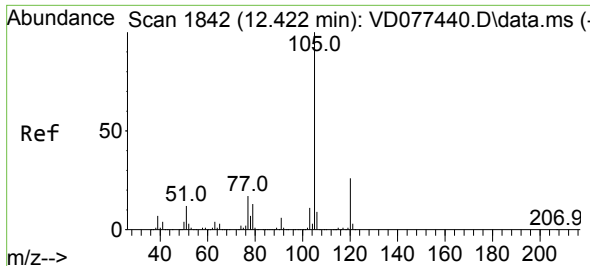
Tgt Ion:173 Resp: 20027
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

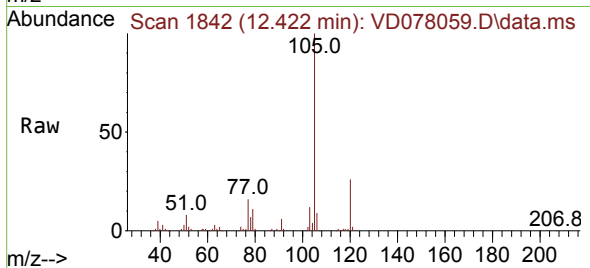
Tgt Ion:152 Resp: 105178
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.3
150 168.1 0.0 353.6



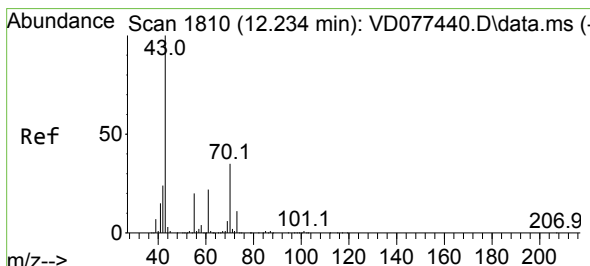
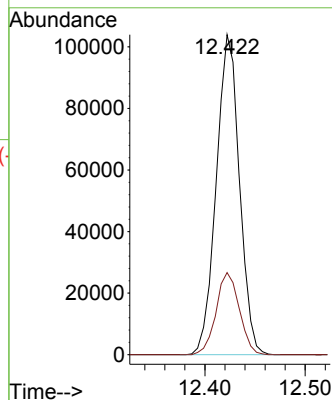
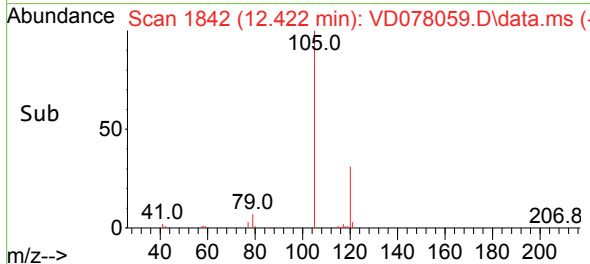


#73
Isopropylbenzene
Concen: 20.854 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

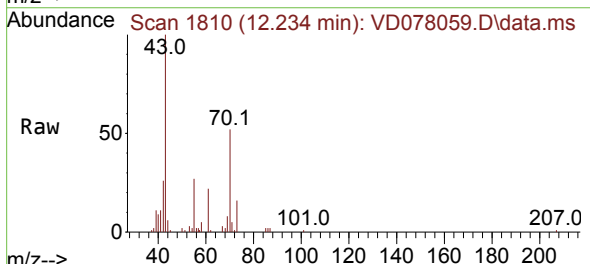
Instrument :
MSVOA_D
ClientSampleId :



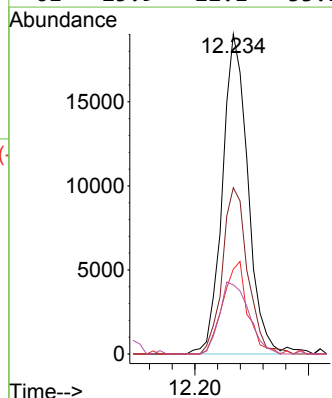
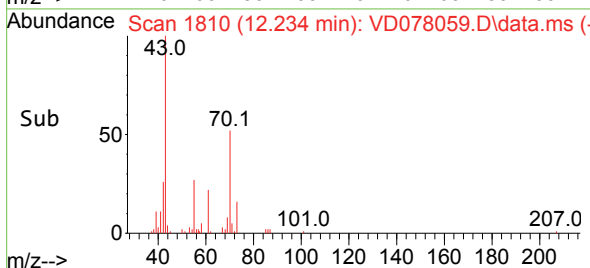
Tgt Ion:105 Resp: 166236
Ion Ratio Lower Upper
105 100
120 25.7 14.3 42.9

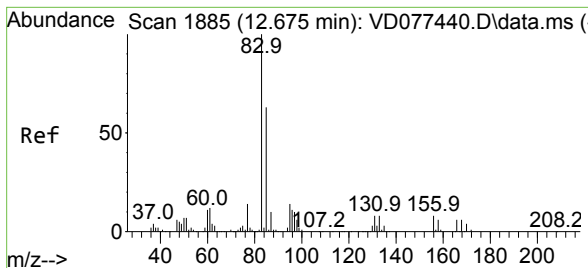


#74
N-ethyl acetate
Concen: 18.816 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09



Tgt Ion: 43 Resp: 29484
Ion Ratio Lower Upper
43 100
70 51.9 45.0 67.4
55 28.3 23.8 35.6
61 25.9 22.1 33.1

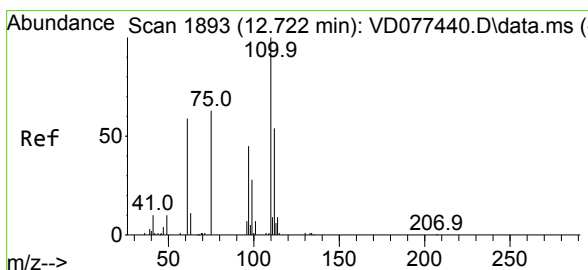
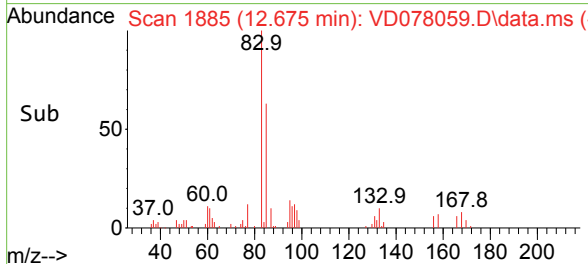
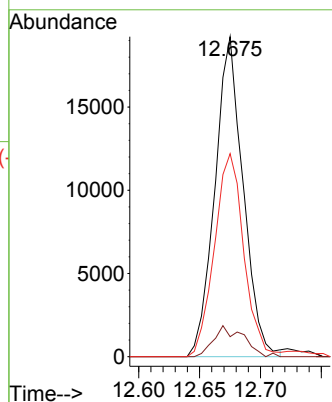
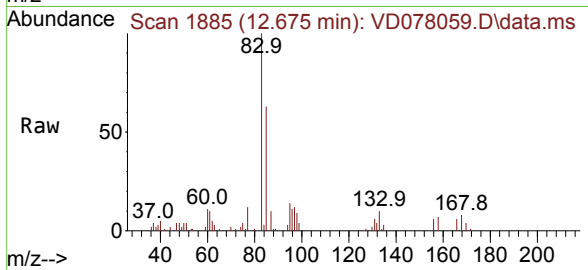




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.308 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD078059.D
 Acq: 22 Dec 2023 13:09

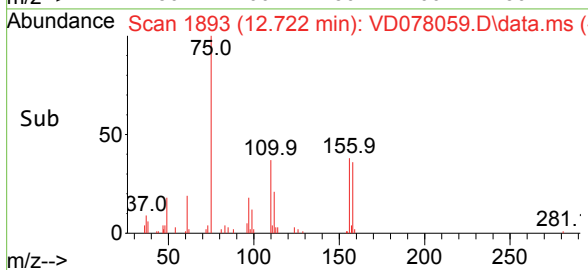
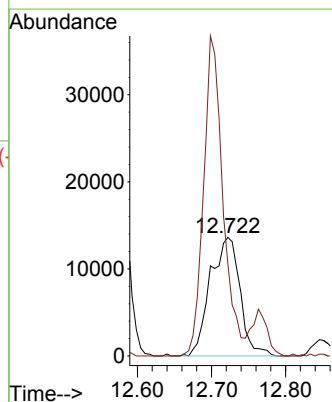
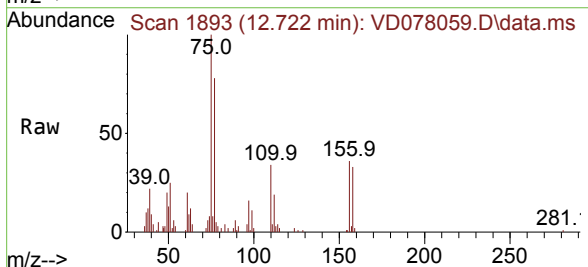
Instrument :
 MSVOA_D
 ClientSampleId :

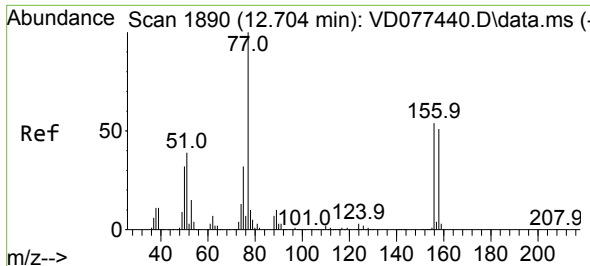
Tgt Ion: 83 Resp: 31007
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.1 15.3
 85 66.1 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 41.649 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD078059.D
 Acq: 22 Dec 2023 13:09

Tgt Ion: 75 Resp: 38045
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

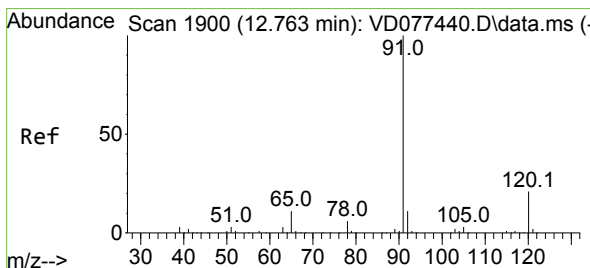
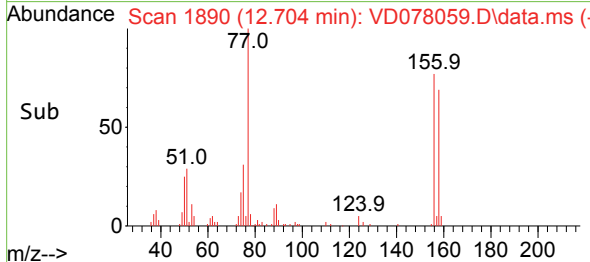
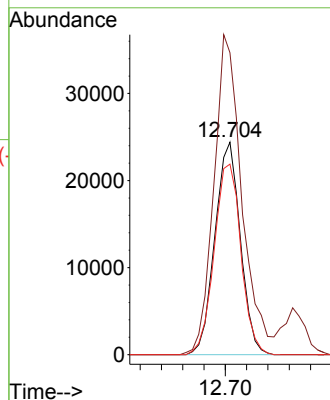
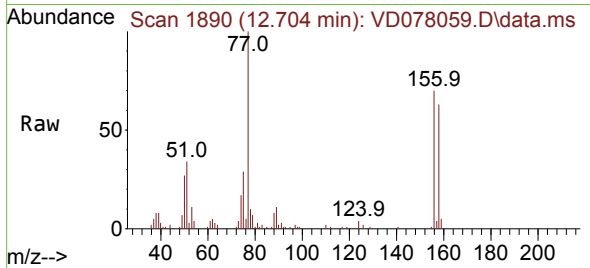




#77
Bromobenzene
Concen: 21.596 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

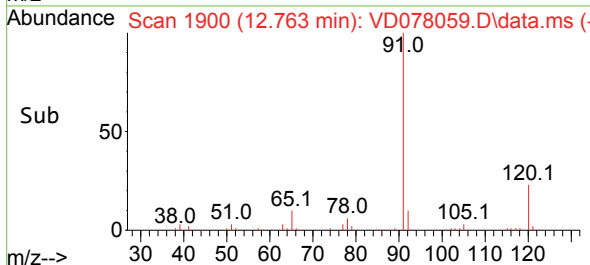
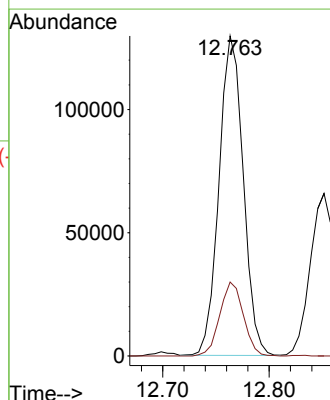
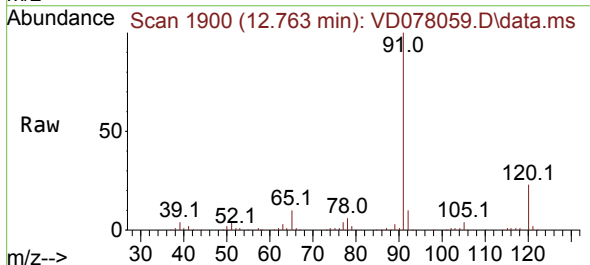
Instrument :
MSVOA_D
ClientSampleId :

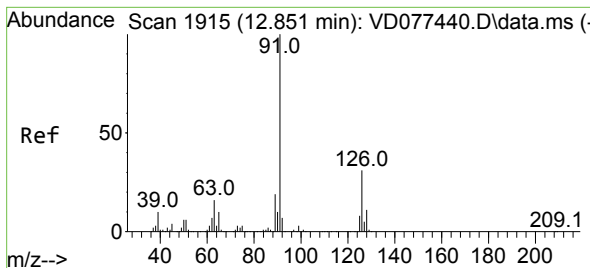
Tgt Ion:156 Resp: 40493
Ion Ratio Lower Upper
156 100
77 165.9 76.8 230.4
158 94.3 48.6 145.9



#78
n-propylbenzene
Concen: 21.064 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

Tgt Ion: 91 Resp: 204603
Ion Ratio Lower Upper
91 100
120 22.5 12.4 37.2

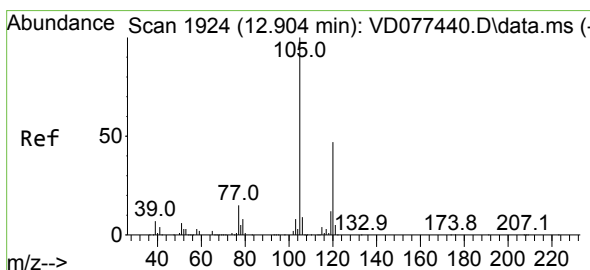
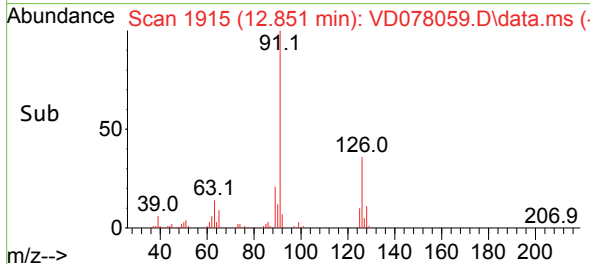
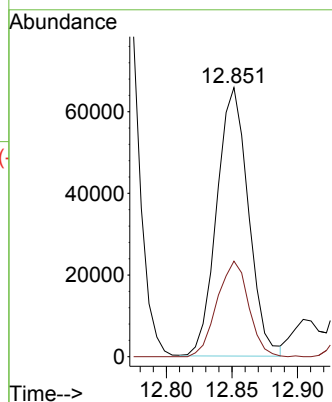
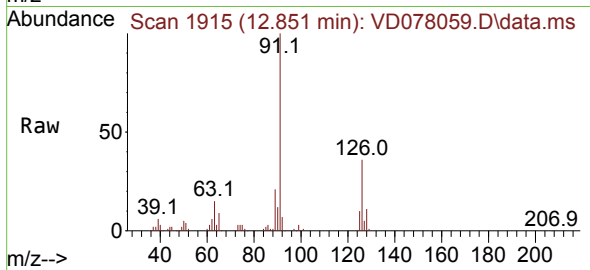




#79
2-Chlorotoluene
Concen: 21.235 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

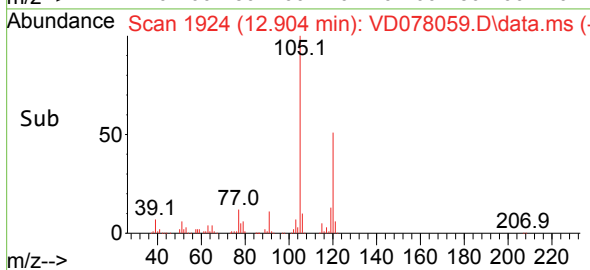
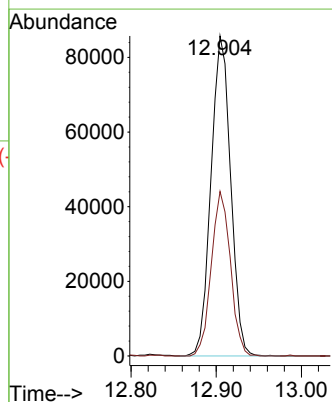
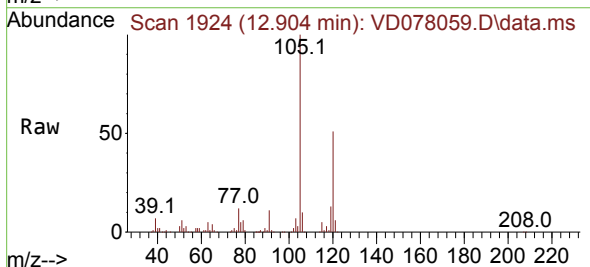
Instrument :
MSVOA_D
ClientSampleId :

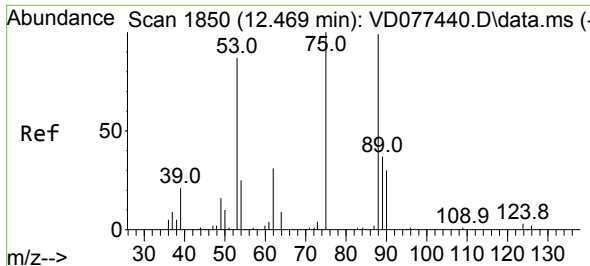
Tgt Ion: 91 Resp: 110541
Ion Ratio Lower Upper
91 100
126 35.3 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.664 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

Tgt Ion:105 Resp: 137389
Ion Ratio Lower Upper
105 100
120 50.0 26.4 79.2

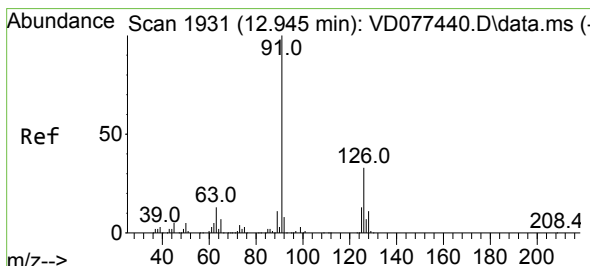
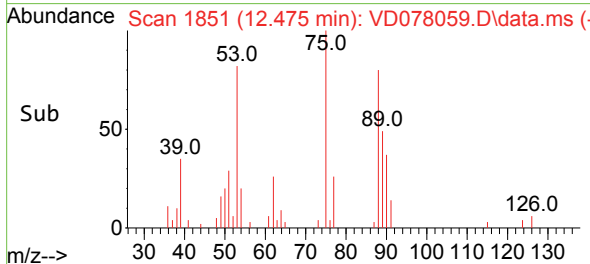
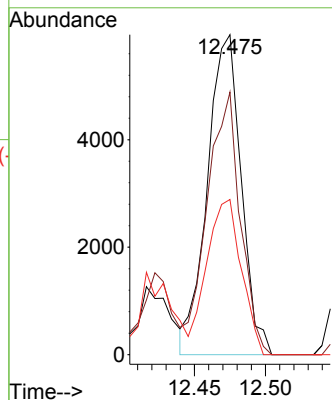
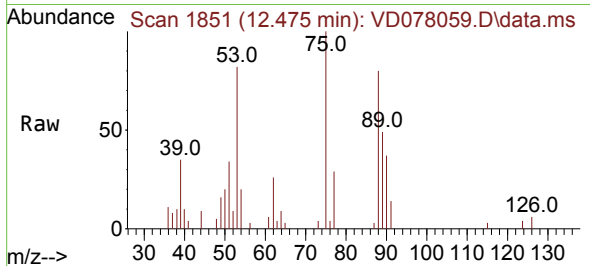




#81
trans-1,4-Dichloro-2-butene
Concen: 21.871 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

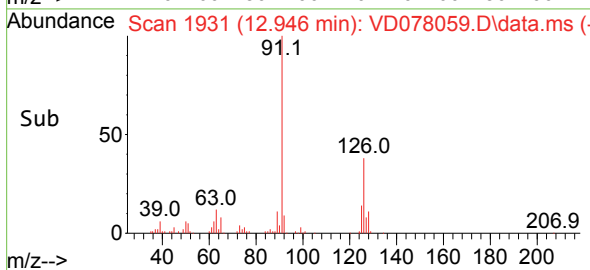
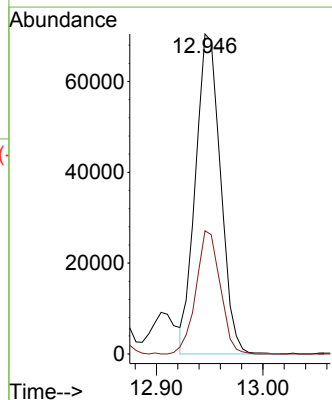
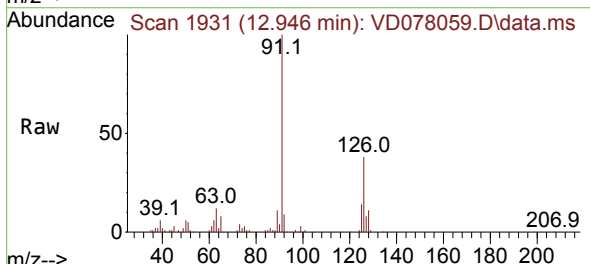
Instrument :
MSVOA_D
ClientSampleId :

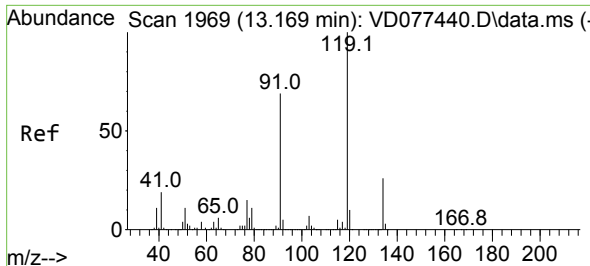
Tgt Ion: 75 Resp: 9861
Ion Ratio Lower Upper
75 100
53 80.6 63.0 94.4
89 49.5 37.9 56.9



#82
4-Chlorotoluene
Concen: 21.150 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.001 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

Tgt Ion: 91 Resp: 115099
Ion Ratio Lower Upper
91 100
126 37.3 19.4 58.4

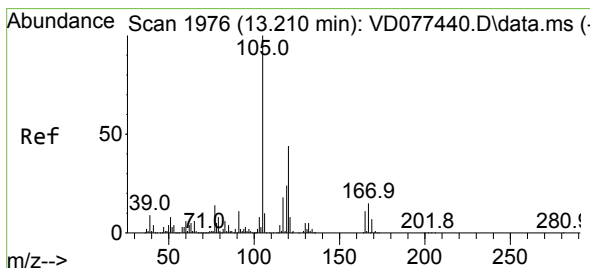
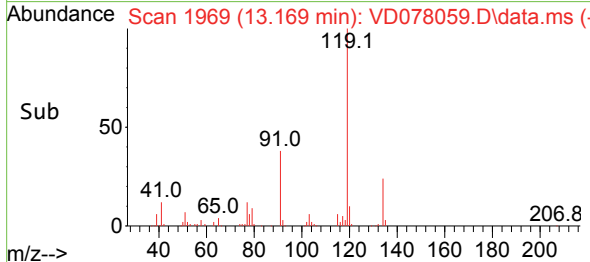
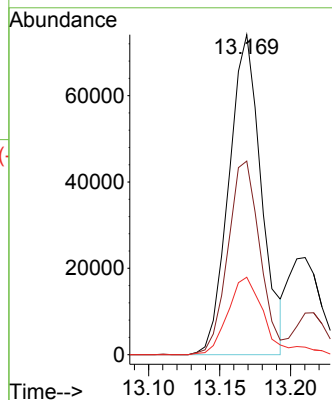
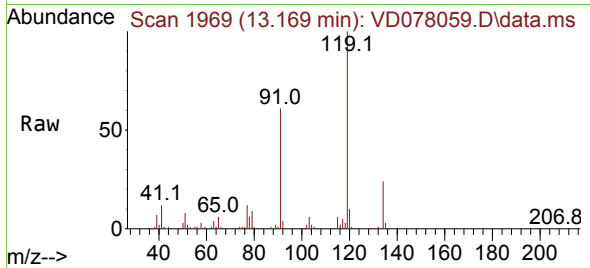




#83
tert-Butylbenzene
Concen: 20.993 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

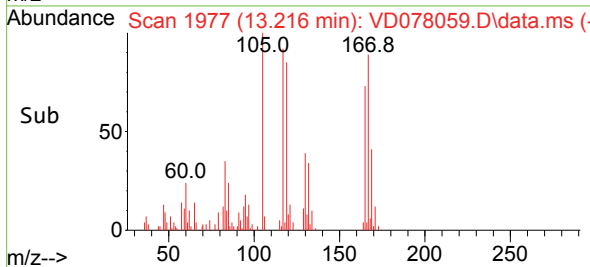
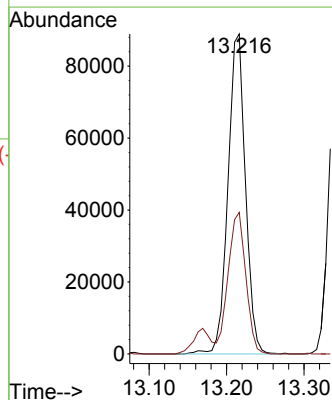
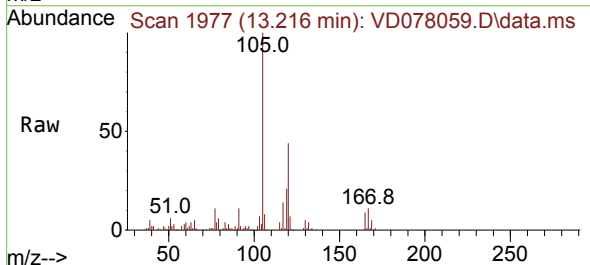
Instrument :
MSVOA_D
ClientSampleId :

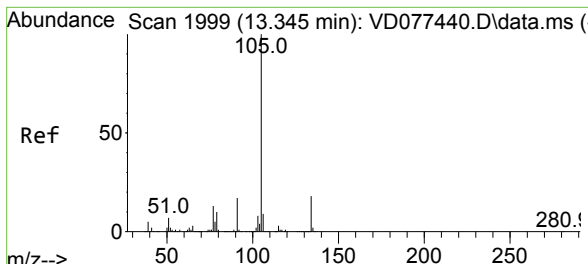
Tgt Ion:119 Resp: 117831
Ion Ratio Lower Upper
119 100
91 59.6 29.3 87.8
134 27.7 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 20.974 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

Tgt Ion:105 Resp: 139474
Ion Ratio Lower Upper
105 100
120 44.8 24.3 72.9

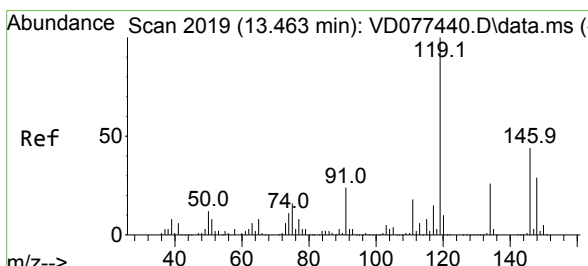
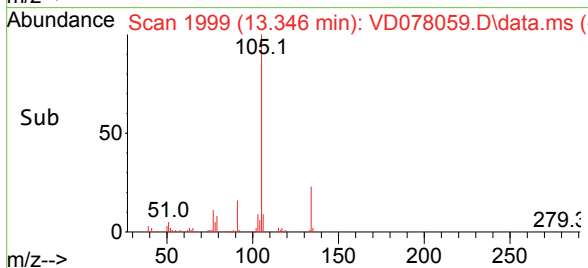
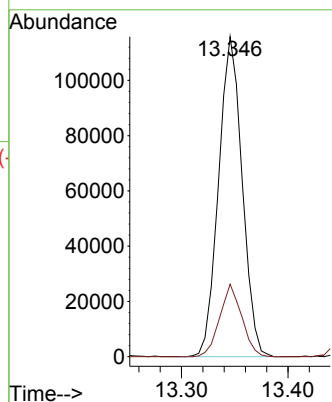
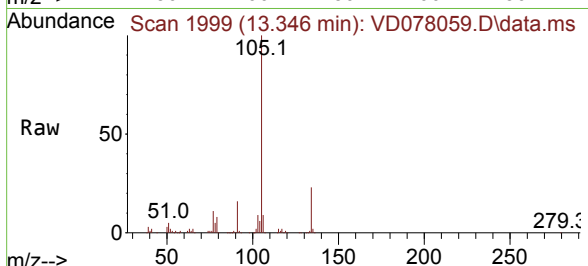




#85
 sec-Butylbenzene
 Concen: 21.445 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.001 min
 Lab File: VD078059.D
 Acq: 22 Dec 2023 13:09

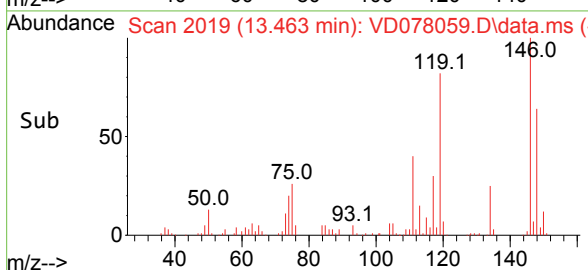
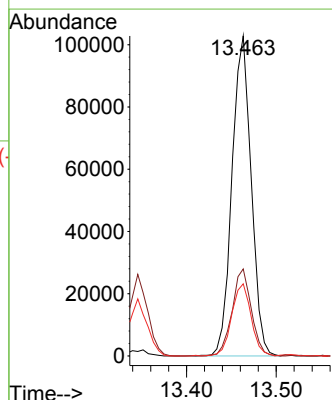
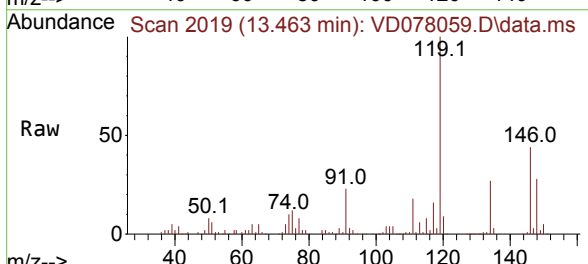
Instrument :
 MSVOA_D
 ClientSampleId :

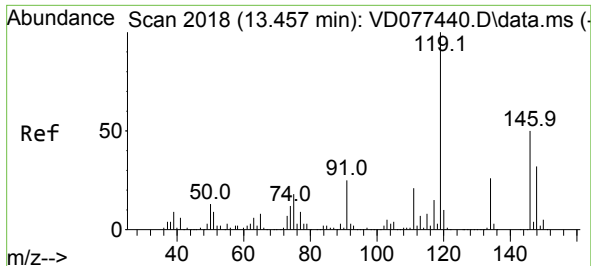
Tgt Ion:105 Resp: 177923
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.570 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078059.D
 Acq: 22 Dec 2023 13:09

Tgt Ion:119 Resp: 152804
 Ion Ratio Lower Upper
 119 100
 134 27.1 14.2 42.6
 91 22.8 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 21.023 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078059.D

Acq: 22 Dec 2023 13:09

Instrument :

MSVOA_D

ClientSampleId :

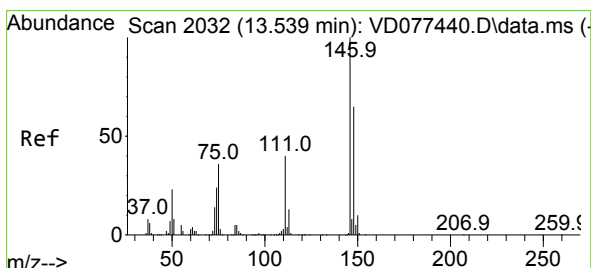
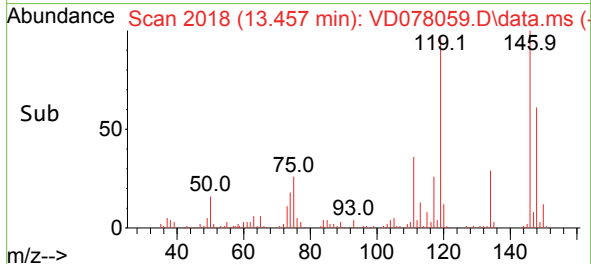
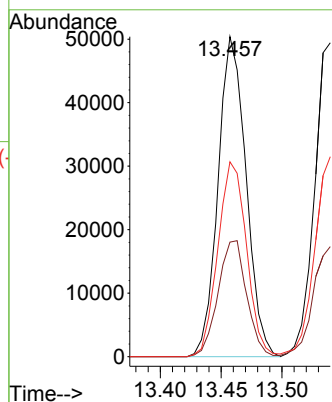
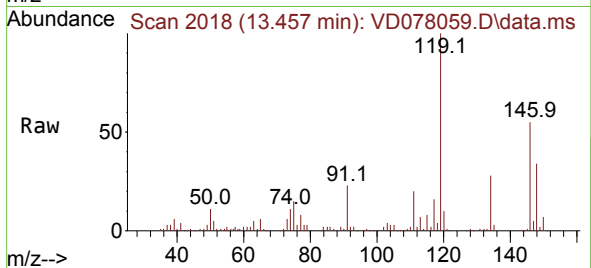
Tgt Ion:146 Resp: 80610

Ion Ratio Lower Upper

146 100

111 37.1 17.9 53.8

148 62.4 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 20.539 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.001 min

Lab File: VD078059.D

Acq: 22 Dec 2023 13:09

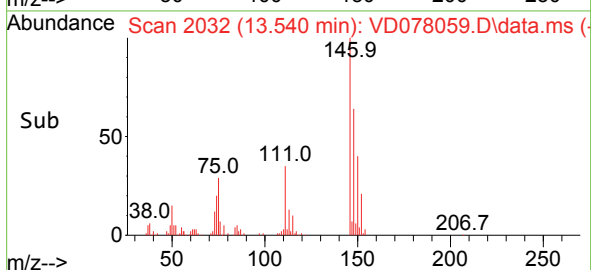
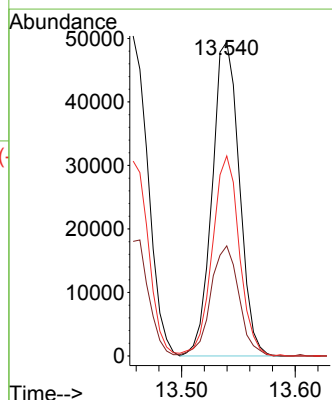
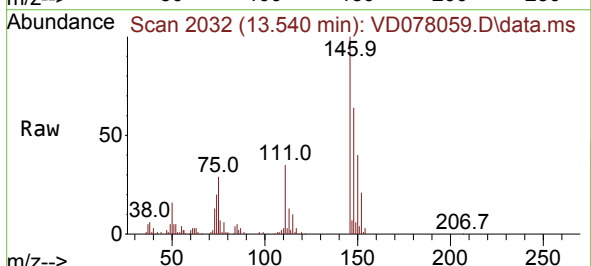
Tgt Ion:146 Resp: 82228

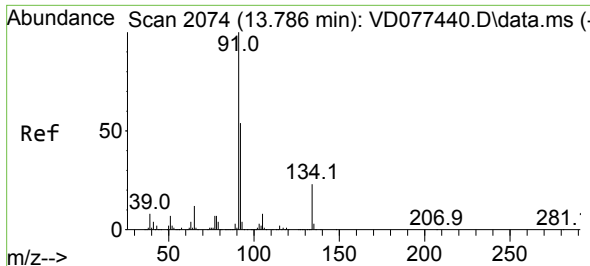
Ion Ratio Lower Upper

146 100

111 36.5 17.4 52.3

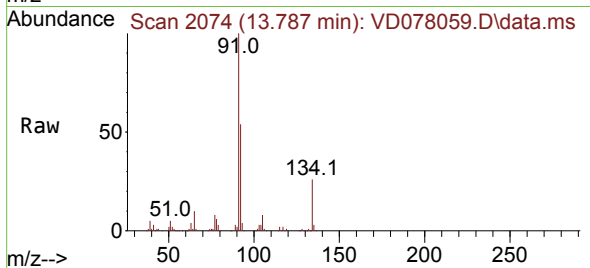
148 63.3 31.7 95.1



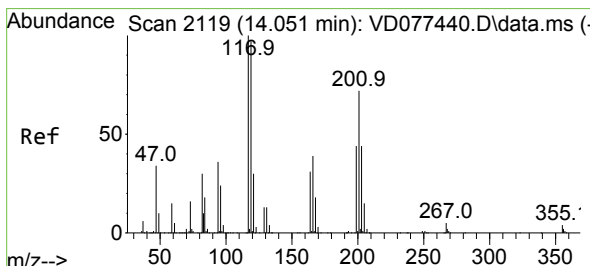
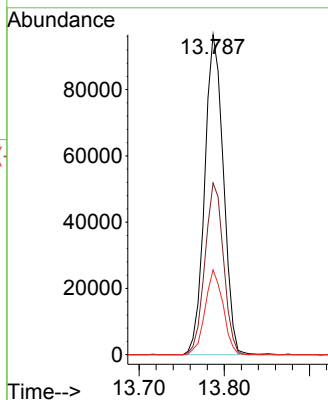
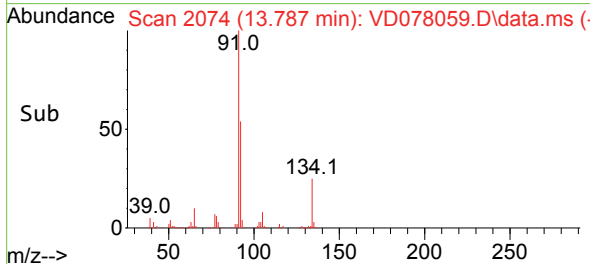


#89
n-Butylbenzene
Concen: 21.053 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.001 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

Instrument :
MSVOA_D
ClientSampleId :

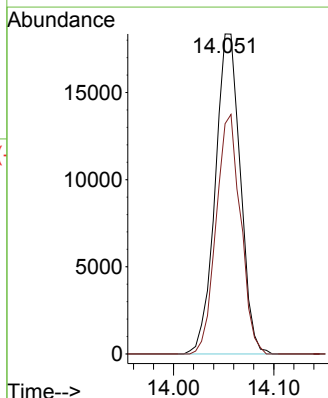
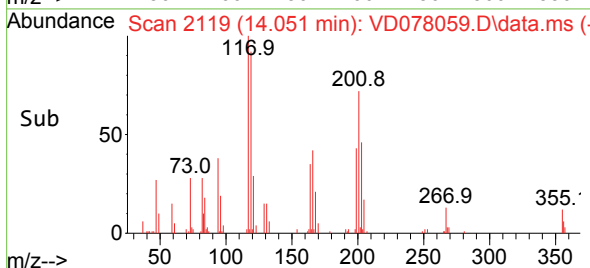
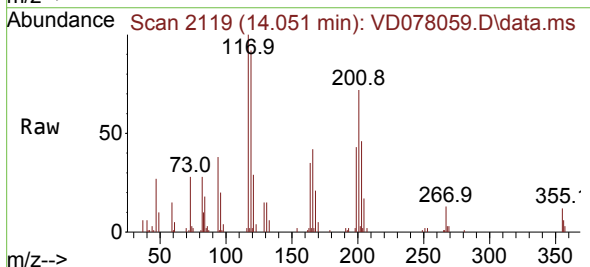


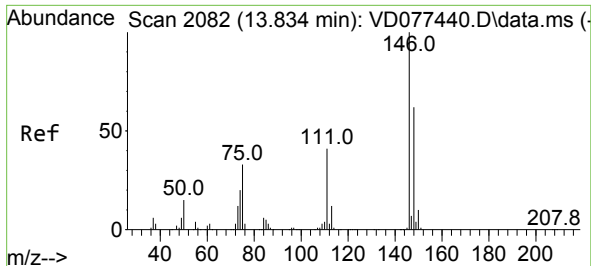
Tgt Ion: 91 Resp: 147156
Ion Ratio Lower Upper
91 100
92 53.4 26.5 79.5
134 25.5 13.8 41.3



#90
Hexachloroethane
Concen: 23.371 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

Tgt Ion: 117 Resp: 31928
Ion Ratio Lower Upper
117 100
201 72.8 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 21.450 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

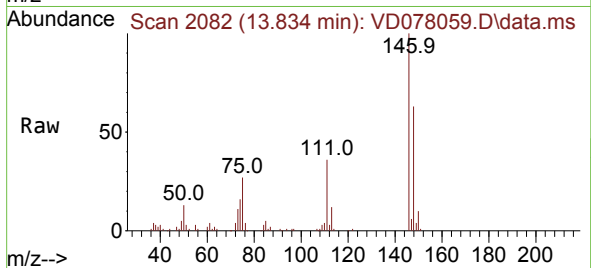
Lab File: VD078059.D

Acq: 22 Dec 2023 13:09

Instrument :

MSVOA_D

ClientSampleId :



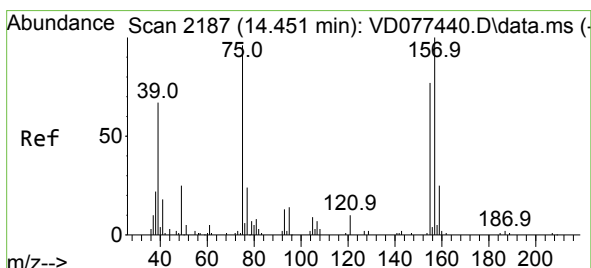
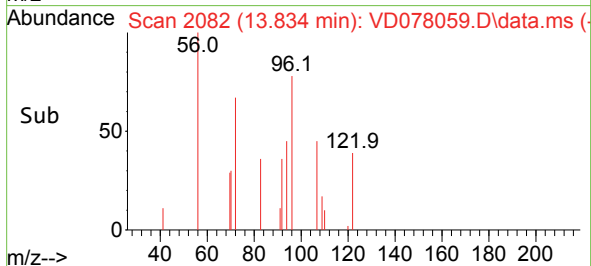
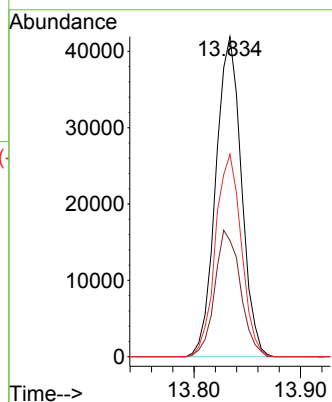
Tgt Ion:146 Resp: 69950

Ion Ratio Lower Upper

146 100

111 39.6 18.3 54.8

148 64.0 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.055 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD078059.D

Acq: 22 Dec 2023 13:09

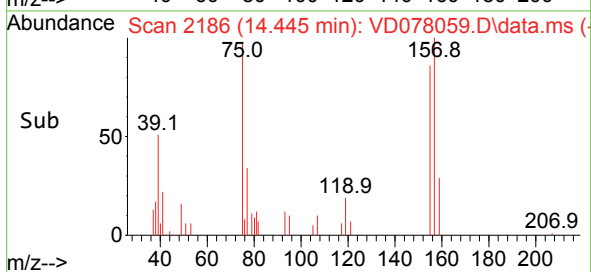
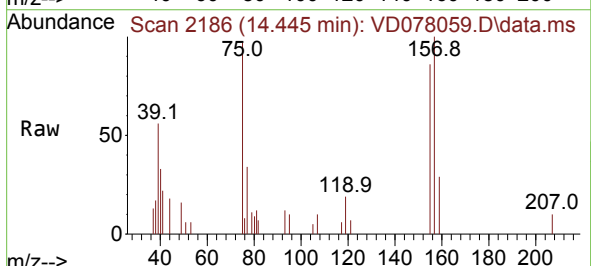
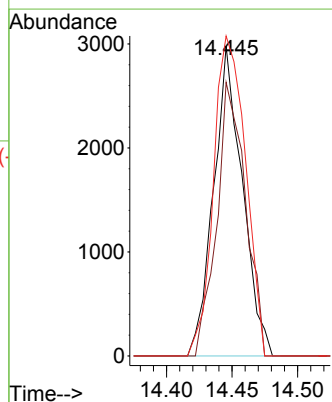
Tgt Ion: 75 Resp: 4551

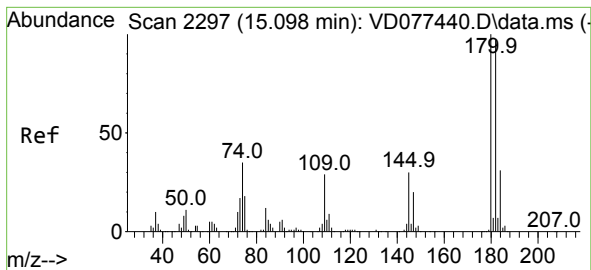
Ion Ratio Lower Upper

75 100

155 87.9 47.9 143.8

157 114.5 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.622 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

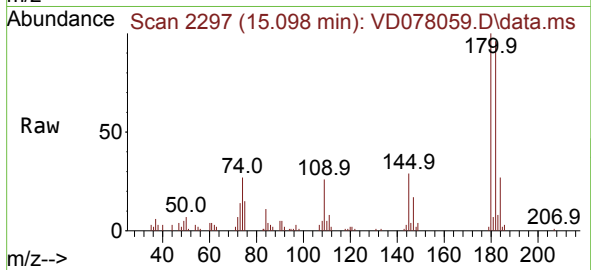
Lab File: VD078059.D

Acq: 22 Dec 2023 13:09

Instrument :

MSVOA_D

ClientSampleId :



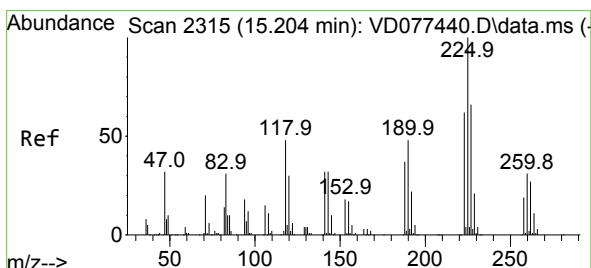
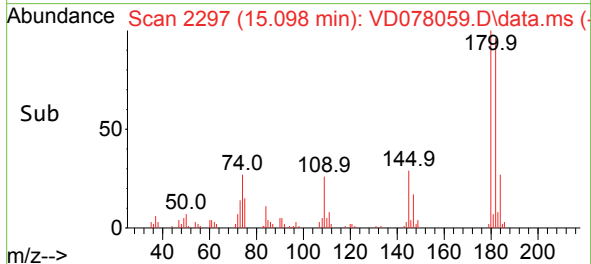
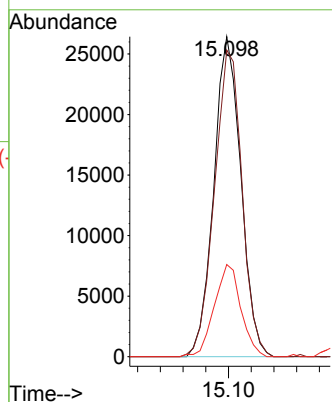
Tgt Ion:180 Resp: 43708

Ion Ratio Lower Upper

180 100

182 97.6 48.5 145.6

145 28.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.746 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078059.D

Acq: 22 Dec 2023 13:09

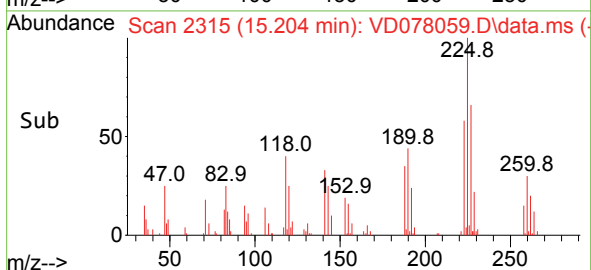
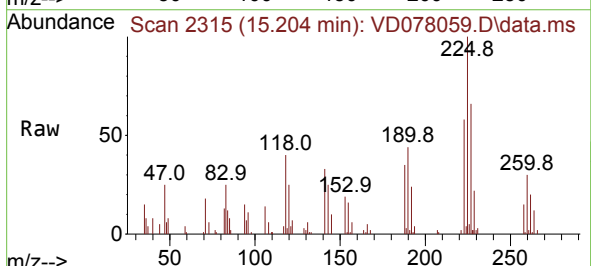
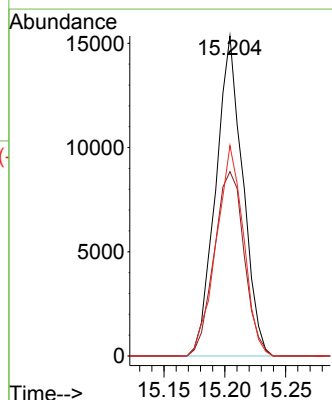
Tgt Ion:225 Resp: 23718

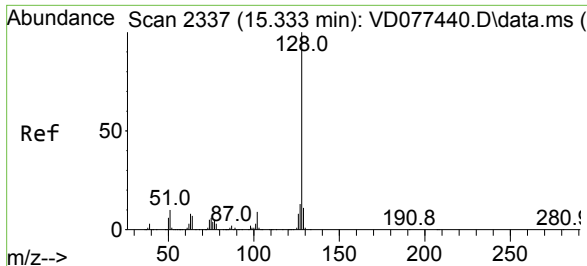
Ion Ratio Lower Upper

225 100

223 64.1 31.6 94.8

227 66.7 31.7 95.1

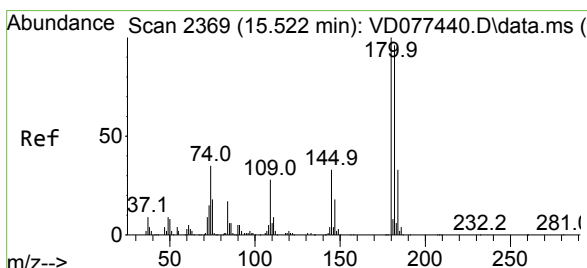
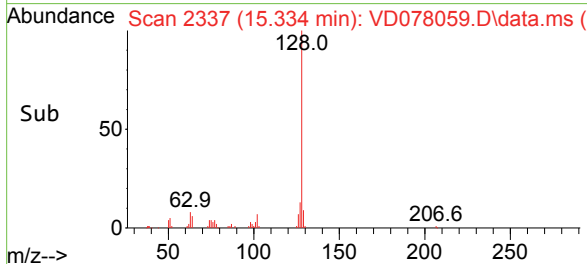
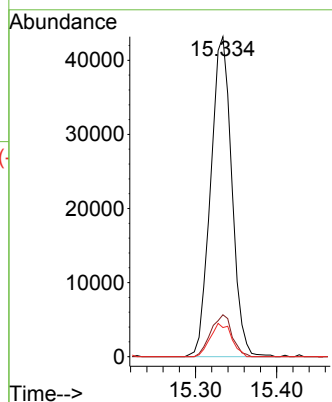
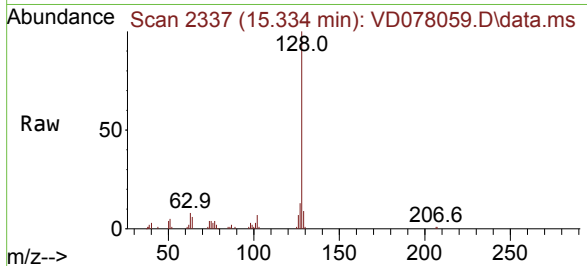




#95
Naphthalene
Concen: 21.101 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 78095
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 9.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.444 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078059.D
Acq: 22 Dec 2023 13:09

Tgt Ion:180 Resp: 37543
Ion Ratio Lower Upper
180 100
182 94.3 47.3 141.9
145 31.5 15.1 45.3

