

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121623\
 Data File : VD077930.D
 Acq On : 16 Dec 2023 13:17
 Operator : RP/MD
 Sample : VD1216SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 18 01:56:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	116988	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	207465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	188485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	98852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71782	52.071	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.140%	
35) Dibromofluoromethane	7.804	113	78111	53.750	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.500%	
50) Toluene-d8	10.269	98	306425	52.647	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.300%	
62) 4-Bromofluorobenzene	12.569	95	91801	52.755	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	29935	20.484	ug/l	95
3) Chloromethane	2.152	50	44378	22.279	ug/l	97
4) Vinyl Chloride	2.287	62	62523	23.121	ug/l	95
5) Bromomethane	2.687	94	39223	25.849	ug/l	99
6) Chloroethane	2.840	64	44725	24.259	ug/l	91
7) Trichlorofluoromethane	3.175	101	53202	21.362	ug/l	92
8) Diethyl Ether	3.593	74	14098	20.159	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.963	101	30098	21.124	ug/l	98
10) Methyl Iodide	4.163	142	25448	24.373	ug/l	# 89
11) Tert butyl alcohol	5.052	59	8136	116.541	ug/l	# 86
12) 1,1-Dichloroethene	3.934	96	27330	19.435	ug/l	86
13) Acrolein	3.805	56	12956	88.847	ug/l	96
14) Allyl chloride	4.563	41	37716	19.501	ug/l	89
15) Acrylonitrile	5.252	53	33739	112.677	ug/l	97
16) Acetone	4.016	43	42030	125.341	ug/l	# 86
17) Carbon Disulfide	4.269	76	86028	18.082	ug/l	97
18) Methyl Acetate	4.563	43	23172	21.343	ug/l	90
19) Methyl tert-butyl Ether	5.316	73	62582	20.976	ug/l	93
20) Methylene Chloride	4.799	84	42521	23.476	ug/l	85
21) trans-1,2-Dichloroethene	5.316	96	33371	20.951	ug/l	92
22) Diisopropyl ether	6.222	45	82996	20.535	ug/l	# 92
23) Vinyl Acetate	6.157	43	199098	100.876	ug/l	95
24) 1,1-Dichloroethane	6.116	63	56618	20.686	ug/l	98
25) 2-Butanone	7.081	43	47309	116.848	ug/l	88
26) 2,2-Dichloropropane	7.081	77	47503	20.671	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	37543	21.905	ug/l	91
28) Bromochloromethane	7.422	49	22340	20.199	ug/l	# 75
29) Tetrahydrofuran	7.446	42	22903	104.333	ug/l	89
30) Chloroform	7.599	83	60310	22.017	ug/l	89
31) Cyclohexane	7.881	56	46949	19.147	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	49887	20.659	ug/l	98
36) 1,1-Dichloropropene	8.004	75	43770	18.830	ug/l	96
37) Ethyl Acetate	7.163	43	14596	16.104	ug/l	98
38) Carbon Tetrachloride	7.993	117	45338	19.564	ug/l	96
39) Methylcyclohexane	9.269	83	52275	18.970	ug/l	94
40) Benzene	8.252	78	126898	19.234	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	10128	21.985	ug/l #	86
42) 1,2-Dichloroethane	8.328	62	33948	19.851	ug/l	96
43) Isopropyl Acetate	8.357	43	30793	19.112	ug/l	97
44) Trichloroethene	9.028	130	35505	20.651	ug/l	99
45) 1,2-Dichloropropane	9.310	63	32493	20.260	ug/l	98
46) Dibromomethane	9.393	93	17097	20.147	ug/l	92
47) Bromodichloromethane	9.581	83	44298	20.595	ug/l #	93
48) Methyl methacrylate	9.381	41	17908	19.553	ug/l #	82
49) 1,4-Dioxane	9.381	88	3418	405.632	ug/l #	74
51) 4-Methyl-2-Pentanone	10.157	43	83770	101.874	ug/l	90
52) Toluene	10.334	92	81216	19.845	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	41114	19.905	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	50283	20.135	ug/l #	91
55) 1,1,2-Trichloroethane	10.728	97	24517	21.122	ug/l	93
56) Ethyl methacrylate	10.593	69	20776	20.304	ug/l #	85
57) 1,3-Dichloropropane	10.881	76	41597	20.790	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	59514	101.990	ug/l	94
59) 2-Hexanone	10.922	43	69342	101.643	ug/l	90
60) Dibromochloromethane	11.075	129	30271	21.660	ug/l	98
61) 1,2-Dibromoethane	11.175	107	22037	20.168	ug/l	97
64) Tetrachloroethene	10.810	164	26212	18.921	ug/l	94
65) Chlorobenzene	11.604	112	87428	18.507	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	31680	20.212	ug/l	96
67) Ethyl Benzene	11.681	91	155017	19.754	ug/l	96
68) m/p-Xylenes	11.792	106	120245	40.060	ug/l	92
69) o-Xylene	12.122	106	56195	20.314	ug/l	94
70) Styrene	12.134	104	85521	20.791	ug/l	95
71) Bromoform	12.298	173	17703	21.616	ug/l #	98
73) Isopropylbenzene	12.422	105	145475	19.417	ug/l	95
74) N-amyl acetate	12.234	43	27872	18.925	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	27756	21.247	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	33870	39.451	ug/l #	100
77) Bromobenzene	12.698	156	34033	19.312	ug/l	88
78) n-propylbenzene	12.763	91	183887	20.142	ug/l	96
79) 2-Chlorotoluene	12.851	91	96352	19.694	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	123800	19.812	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	8632	20.371	ug/l	99
82) 4-Chlorotoluene	12.945	91	105194	20.567	ug/l	97
83) tert-Butylbenzene	13.163	119	107535	20.384	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	124248	19.880	ug/l	98
85) sec-Butylbenzene	13.345	105	156040	20.011	ug/l	97
86) p-Isopropyltoluene	13.457	119	137105	19.638	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	71047	19.715	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	71219	18.798	ug/l	98
89) n-Butylbenzene	13.787	91	131243	19.978	ug/l	98
90) Hexachloroethane	14.051	117	27533	21.444	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	61483	20.060	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.439	75	3700	18.943	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	37505	17.915	ug/l	98
94) Hexachlorobutadiene	15.204	225	20600	18.248	ug/l	95
95) Naphthalene	15.328	128	67541	19.417	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	32983	19.110	ug/l	99

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QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

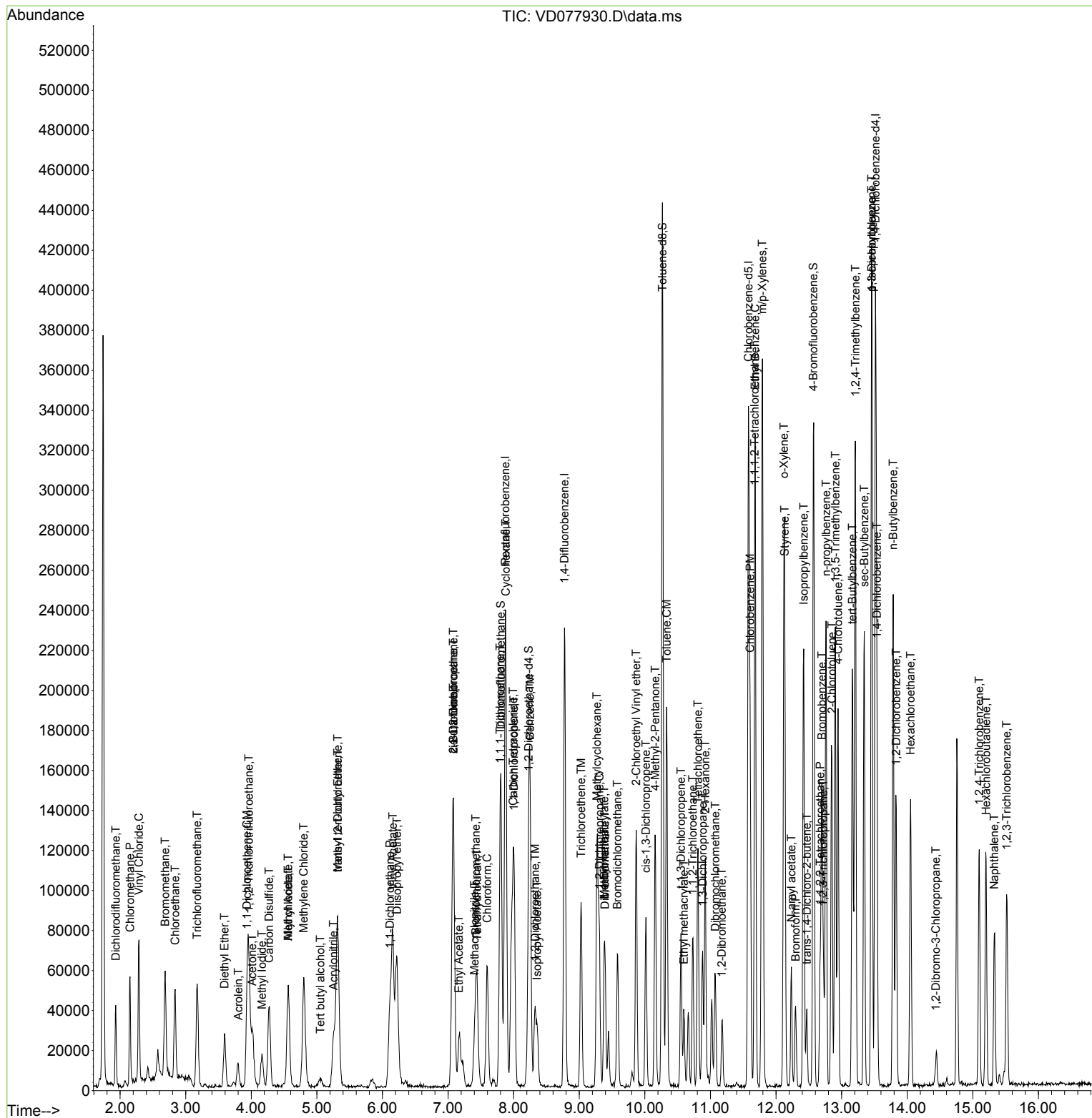
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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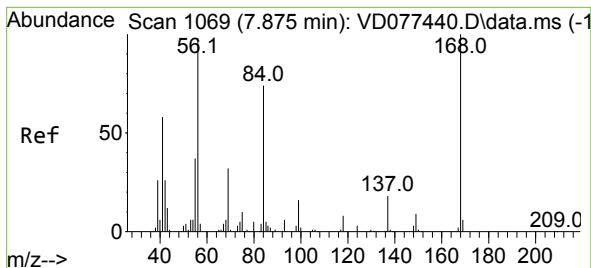
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Instrument :

MSVOA_D

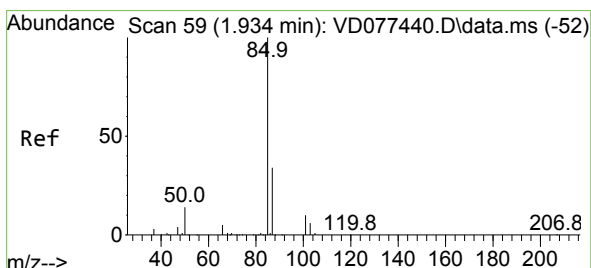
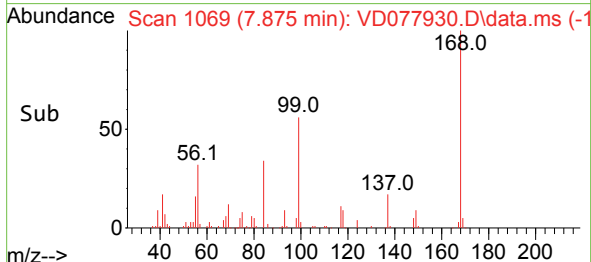
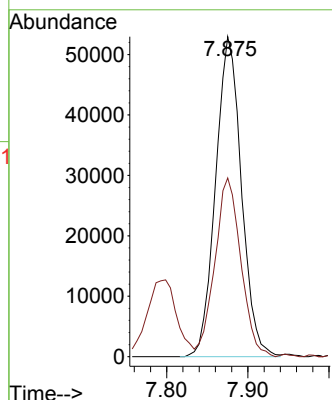
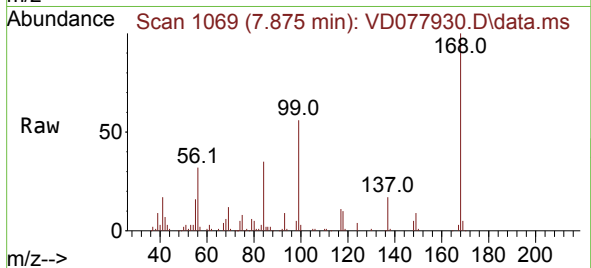
ClientSampleId :

Tgt Ion:168 Resp: 116988

Ion Ratio Lower Upper

168 100

99 55.4 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 20.484 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077930.D

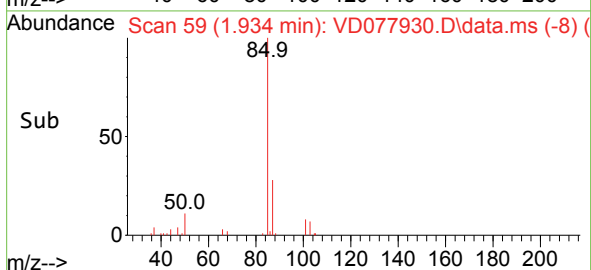
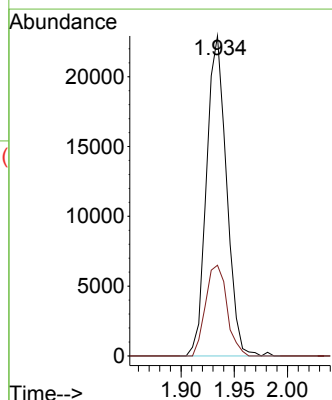
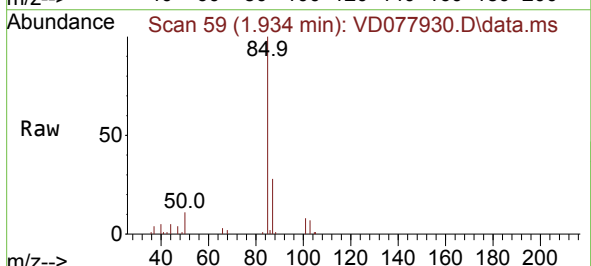
Acq: 16 Dec 2023 13:17

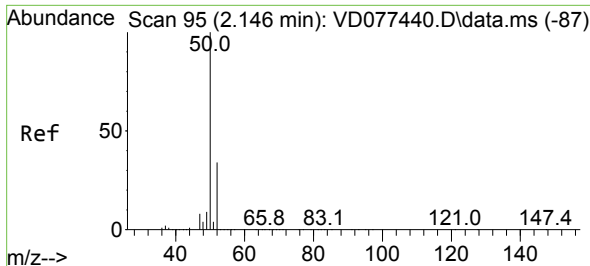
Tgt Ion: 85 Resp: 29935

Ion Ratio Lower Upper

85 100

87 28.3 15.7 47.0

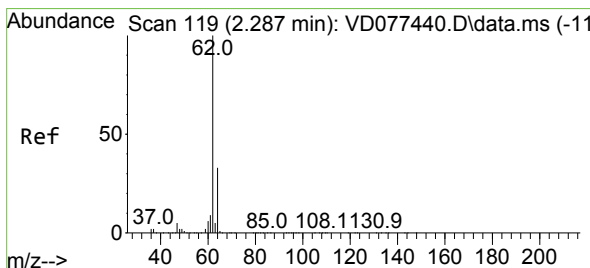
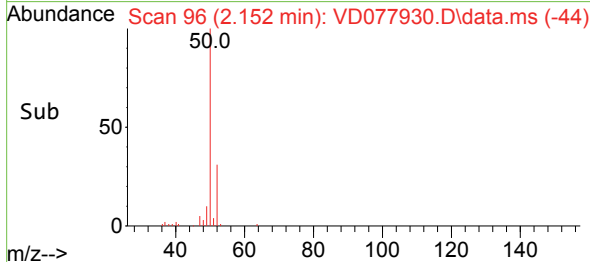
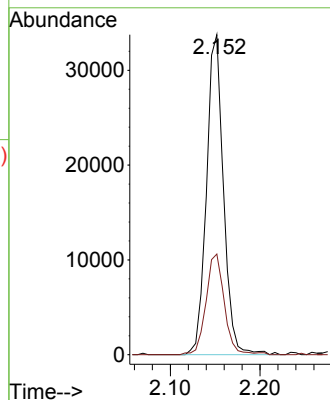
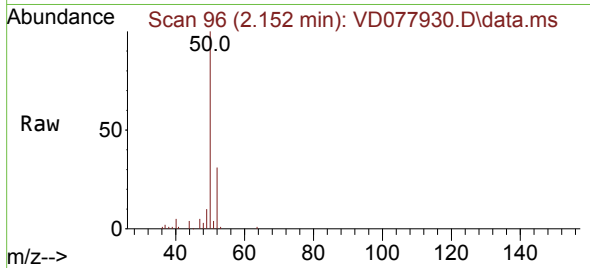




#3
Chloromethane
Concen: 22.279 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

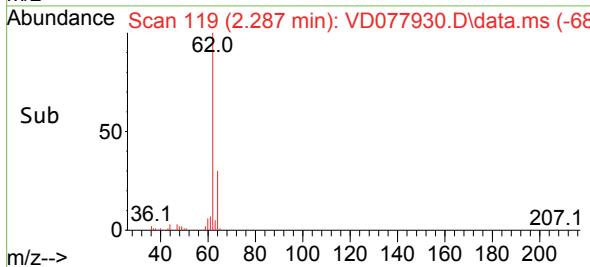
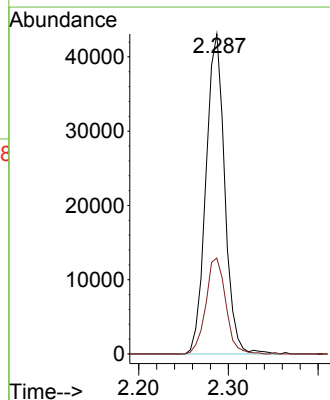
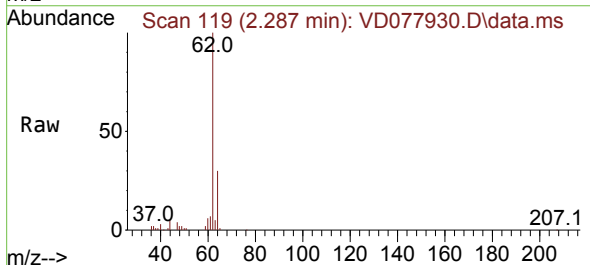
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 44378
Ion Ratio Lower Upper
50 100
52 31.4 26.6 40.0



#4
Vinyl Chloride
Concen: 23.121 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion: 62 Resp: 62523
Ion Ratio Lower Upper
62 100
64 29.9 26.0 39.0

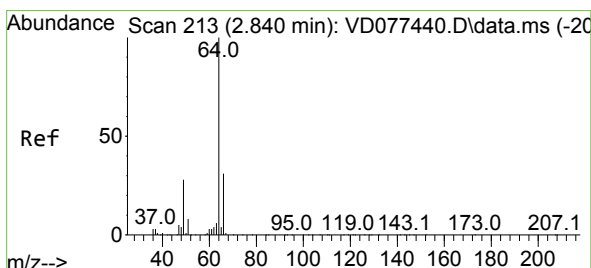
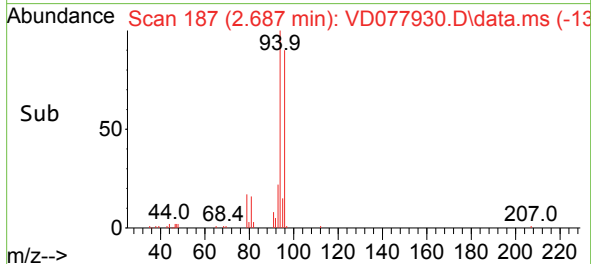
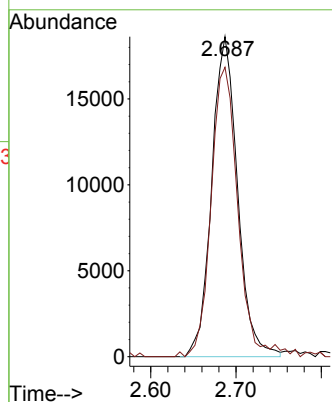
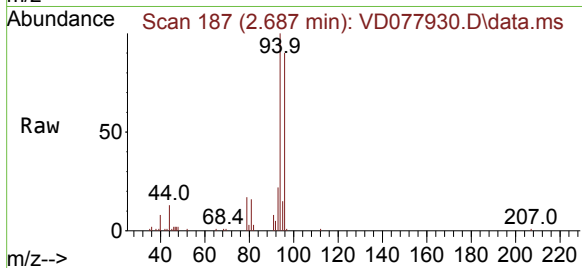




#5
Bromomethane
Concen: 25.849 ug/l
RT: 2.687 min Scan# 188
Delta R.T. -0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

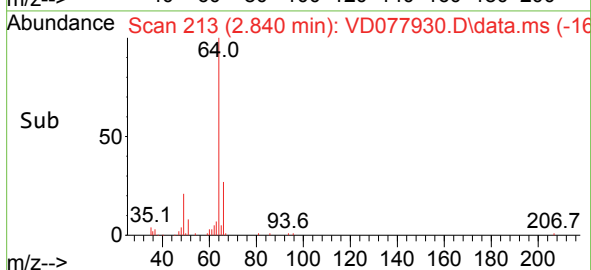
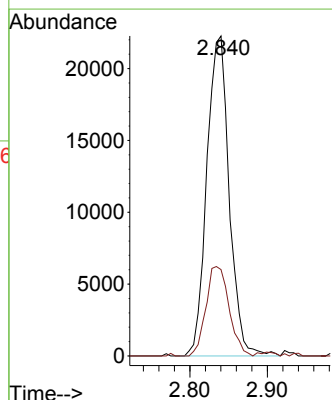
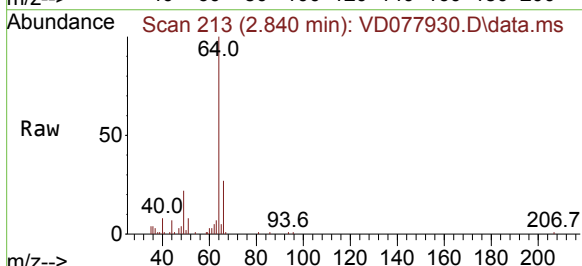
Instrument :
MSVOA_D
ClientSampleId :

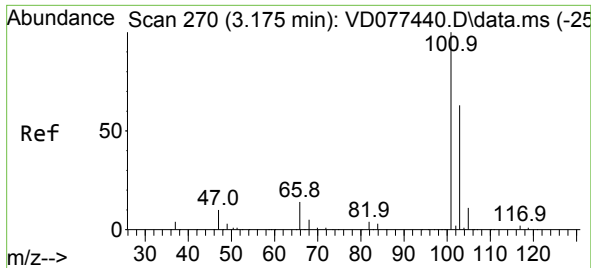
Tgt Ion: 94 Resp: 39223
Ion Ratio Lower Upper
94 100
96 93.8 75.8 113.8



#6
Chloroethane
Concen: 24.259 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion: 64 Resp: 44725
Ion Ratio Lower Upper
64 100
66 27.0 25.5 38.3

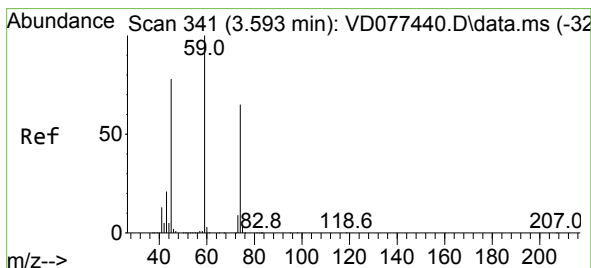
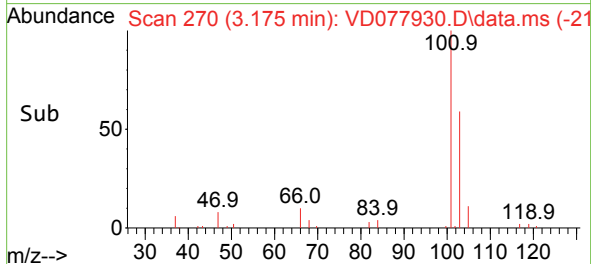
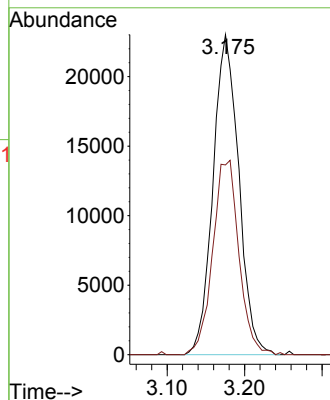
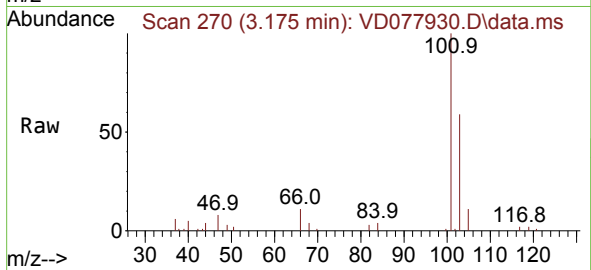




#7
Trichlorofluoromethane
Concen: 21.362 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

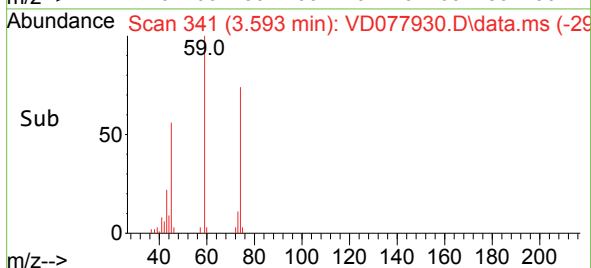
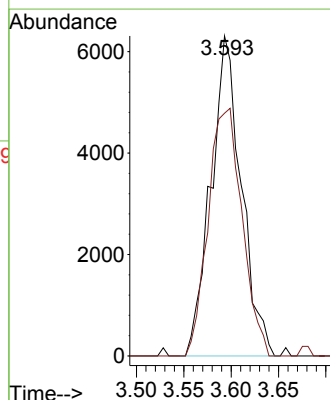
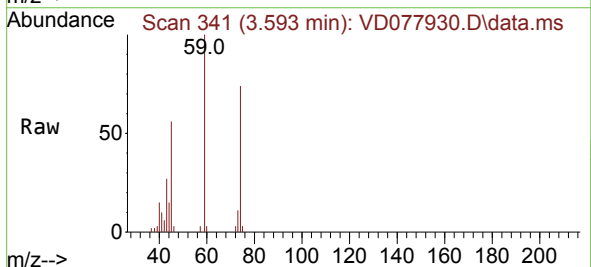
Instrument :
MSVOA_D
ClientSampleId :

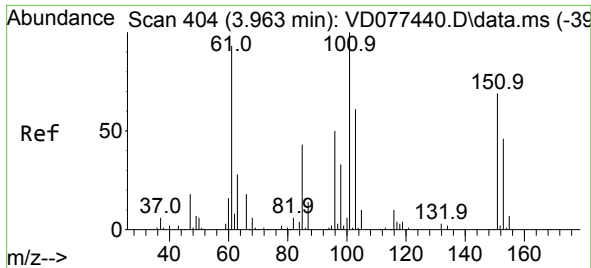
Tgt Ion:101 Resp: 53202
Ion Ratio Lower Upper
101 100
103 59.3 52.3 78.5



#8
Diethyl Ether
Concen: 20.159 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion: 74 Resp: 14098
Ion Ratio Lower Upper
74 100
45 86.4 37.5 112.7

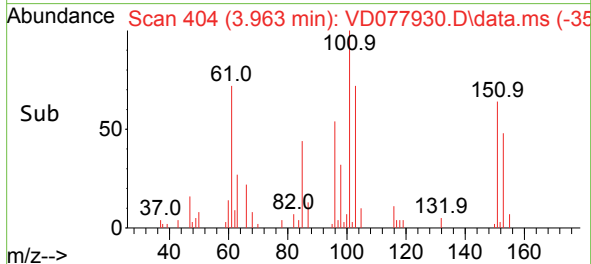
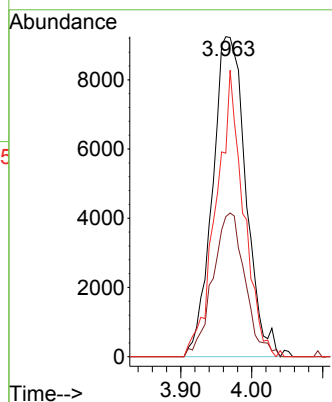
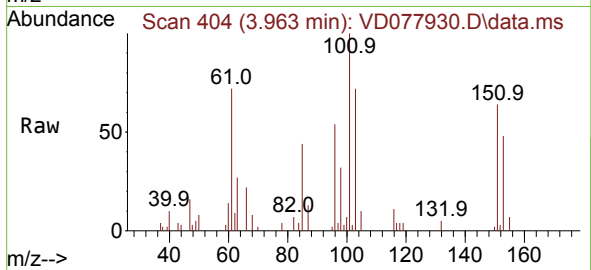




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.124 ug/l
RT: 3.963 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD077930.D
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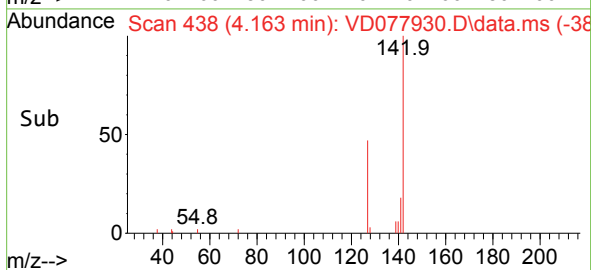
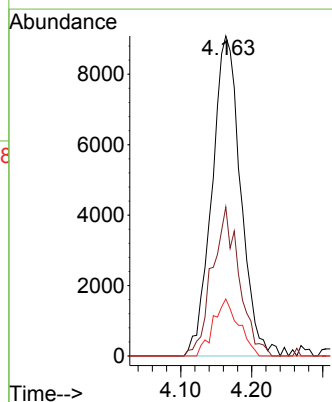
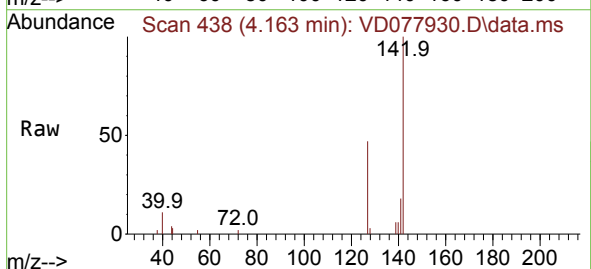
Instrument :
MSVOA_D
ClientSampleId :

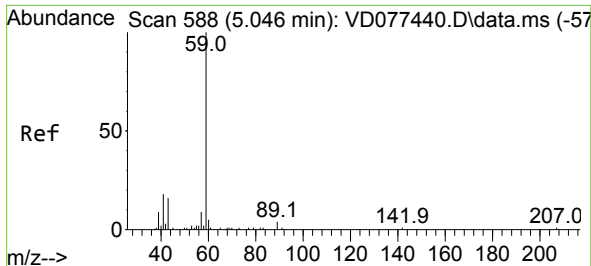
Tgt Ion	Ratio	Lower	Upper
101	100		
85	43.6	33.8	50.6
151	73.5	59.8	89.6



#10
Methyl Iodide
Concen: 24.373 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion	Ratio	Lower	Upper
142	100		
127	44.3	29.4	44.0#
141	15.8	11.1	16.7





#11

Tert butyl alcohol

Concen: 116.541 ug/l

RT: 5.052 min Scan# 50

Delta R.T. 0.006 min

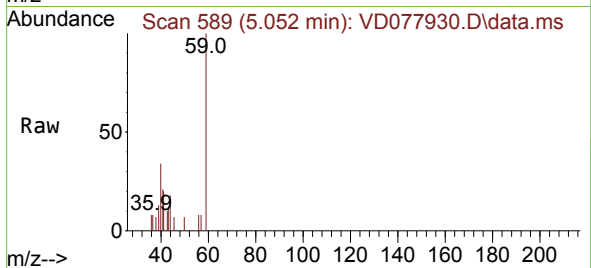
Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Instrument :

MSVOA_D

ClientSampleId :

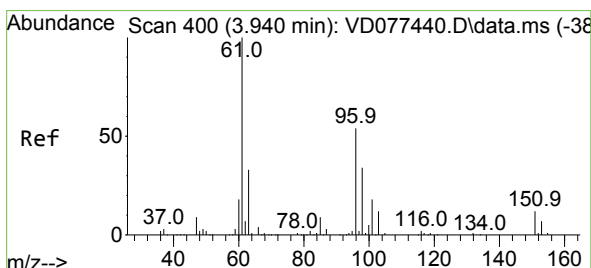
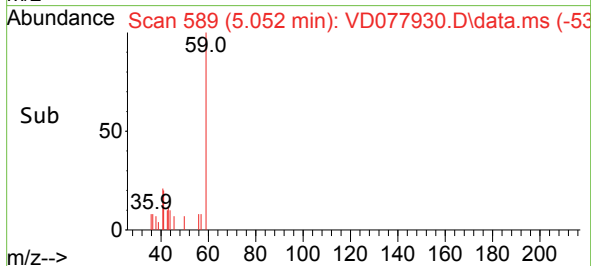
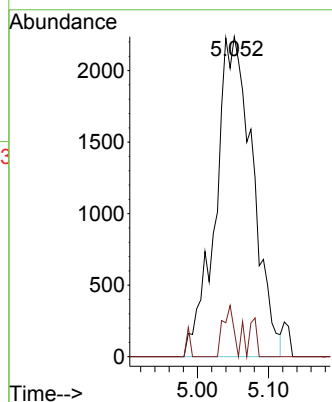


Tgt Ion: 59 Resp: 8136

Ion Ratio Lower Upper

59 100

57 4.5 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 19.435 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.006 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

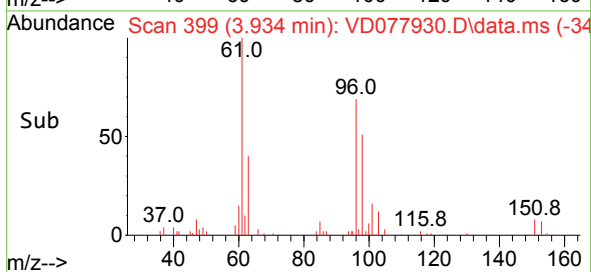
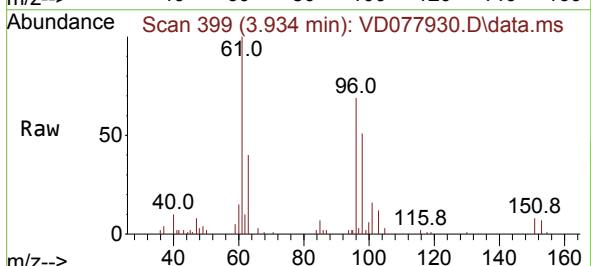
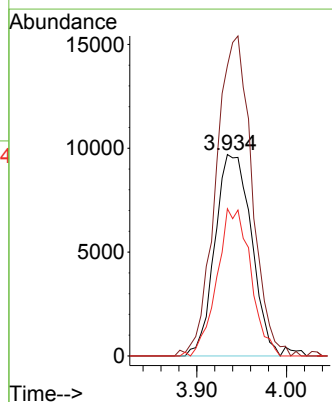
Tgt Ion: 96 Resp: 27330

Ion Ratio Lower Upper

96 100

61 141.3 100.6 150.8

98 73.1 50.2 75.2

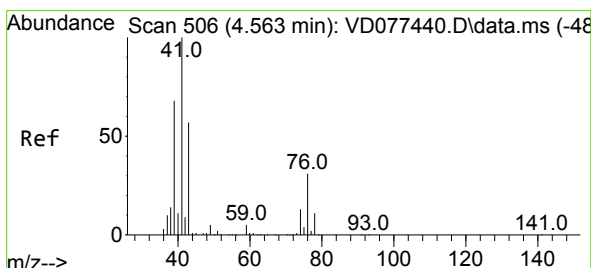
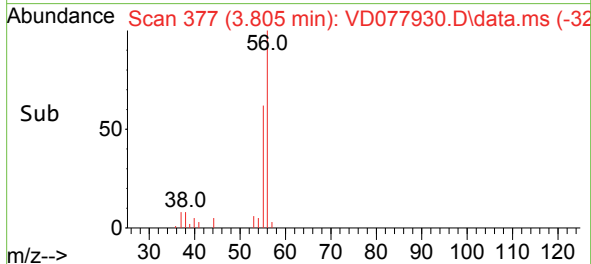
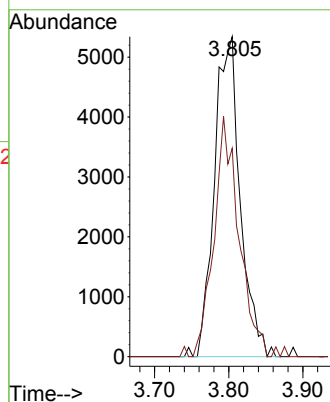
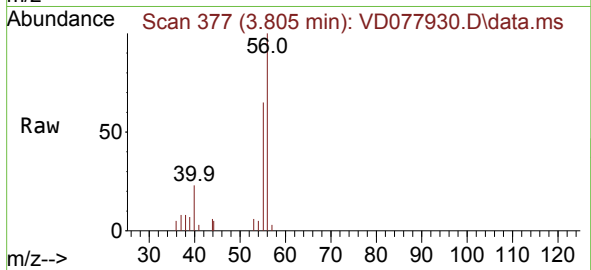




#13
Acrolein
Concen: 88.847 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

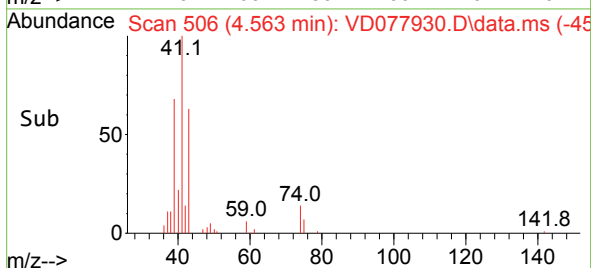
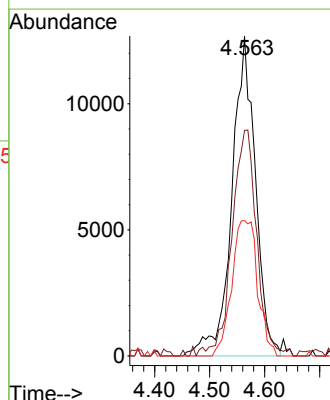
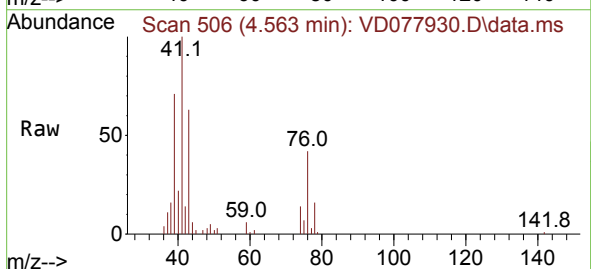
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 12956
Ion Ratio Lower Upper
56 100
55 72.1 55.1 82.7



#14
Allyl chloride
Concen: 19.501 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

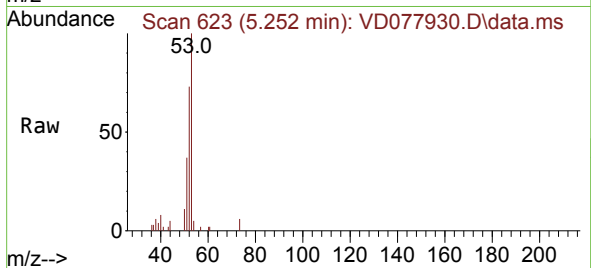
Tgt Ion: 41 Resp: 37716
Ion Ratio Lower Upper
41 100
39 73.6 53.8 80.6
76 46.5 45.8 68.8



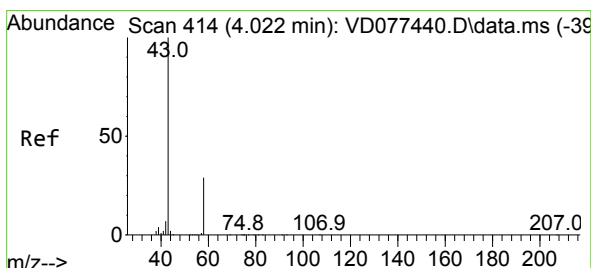
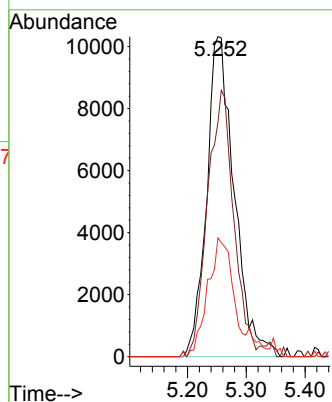
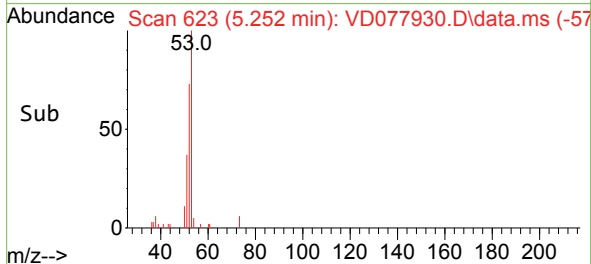


#15
Acrylonitrile
Concen: 112.677 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Instrument :
MSVOA_D
ClientSampleId :

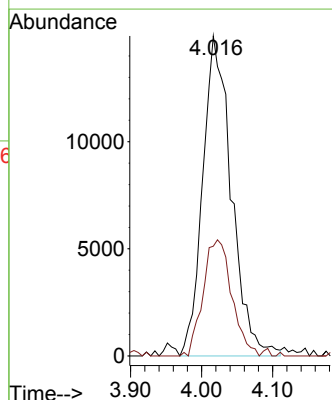
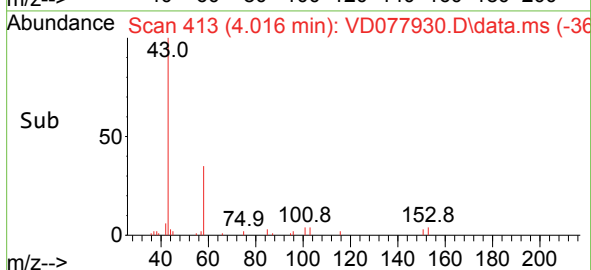
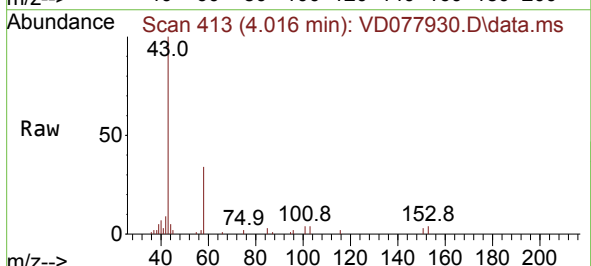


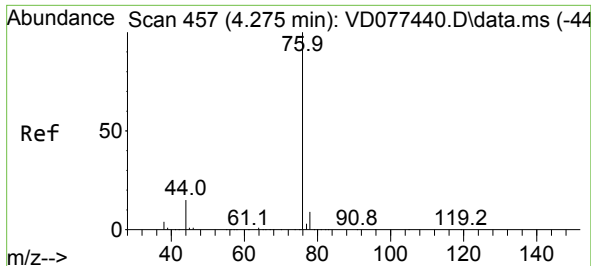
Tgt Ion: 53 Resp: 33739
Ion Ratio Lower Upper
53 100
52 78.9 65.0 97.4
51 37.4 28.3 42.5



#16
Acetone
Concen: 125.341 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion: 43 Resp: 42030
Ion Ratio Lower Upper
43 100
58 34.3 34.7 52.1#

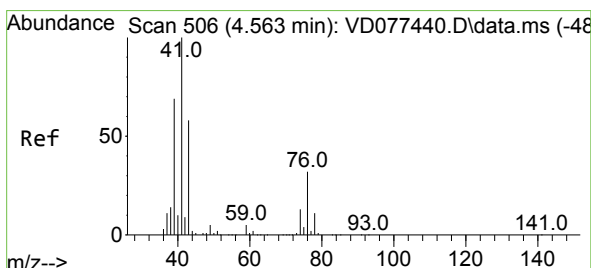
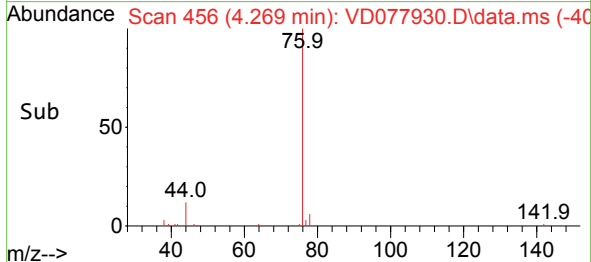
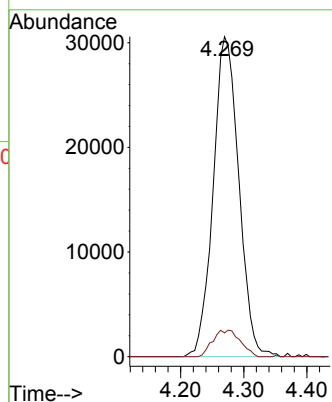
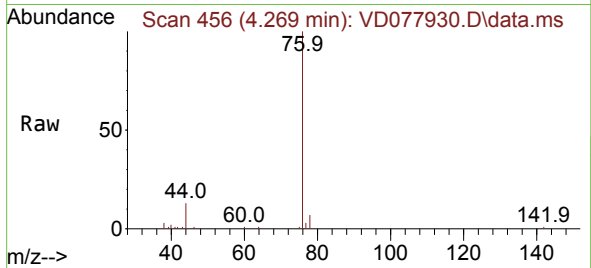




#17
Carbon Disulfide
Concen: 18.082 ug/l
RT: 4.269 min Scan# 457
Delta R.T. -0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

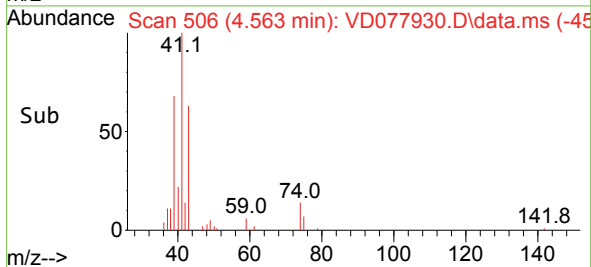
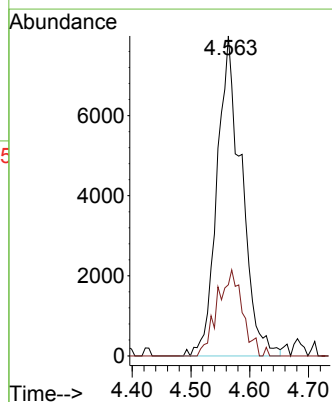
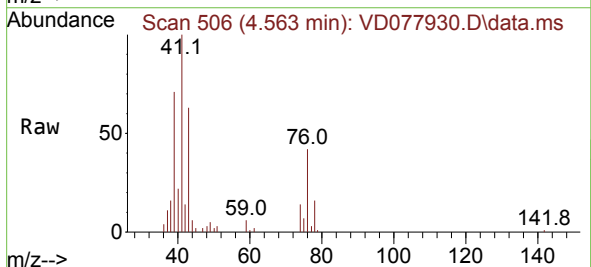
Instrument :
MSVOA_D
ClientSampleId :

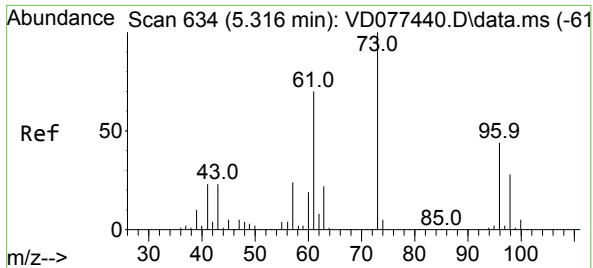
Tgt Ion: 76 Resp: 86028
Ion Ratio Lower Upper
76 100
78 7.4 6.8 10.2



#18
Methyl Acetate
Concen: 21.343 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion: 43 Resp: 23172
Ion Ratio Lower Upper
43 100
74 27.3 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 20.976 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Instrument :

MSVOA_D

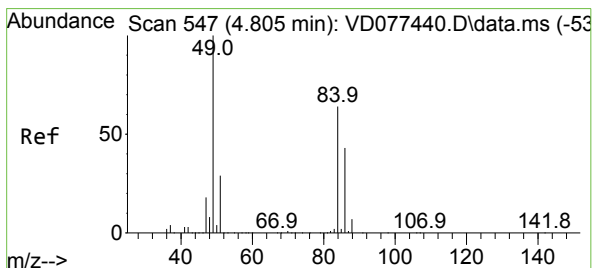
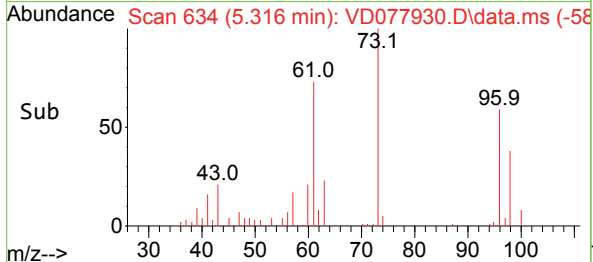
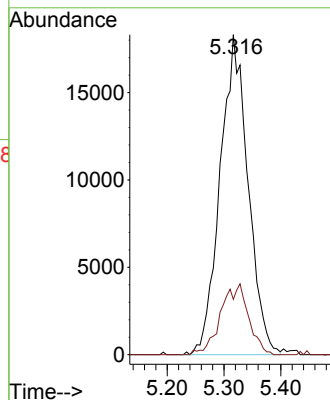
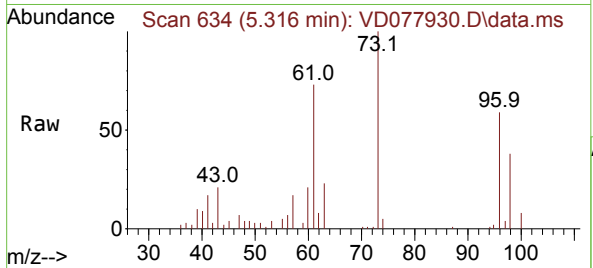
ClientSampleId :

Tgt Ion: 73 Resp: 62582

Ion Ratio Lower Upper

73 100

57 17.3 16.6 25.0



#20

Methylene Chloride

Concen: 23.476 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Tgt Ion: 84 Resp: 42521

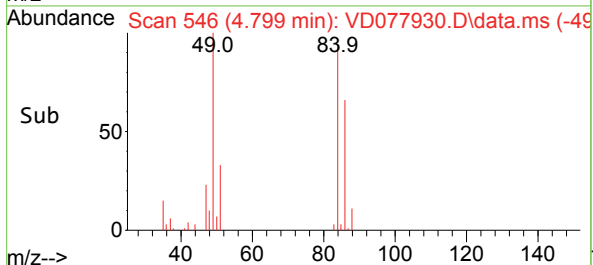
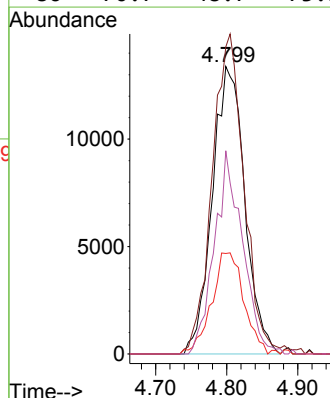
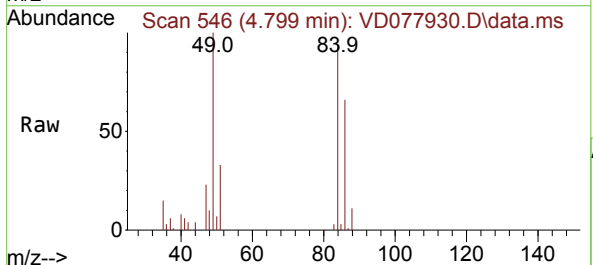
Ion Ratio Lower Upper

84 100

49 106.8 71.4 107.2

51 34.9 24.5 36.7

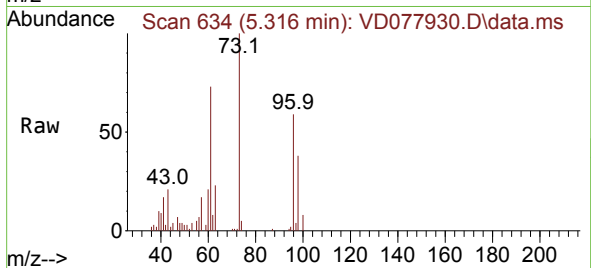
86 70.7 48.7 73.1



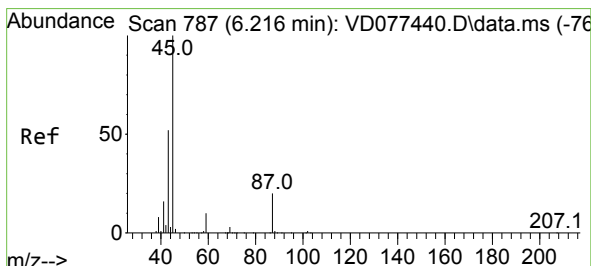
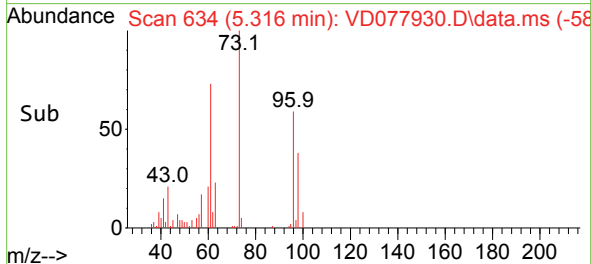
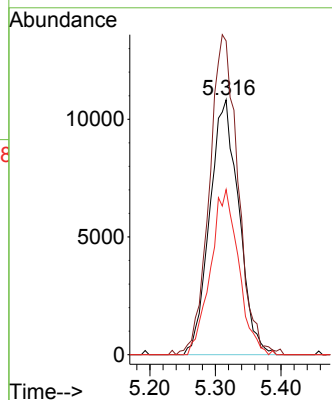


#21
trans-1,2-Dichloroethene
Concen: 20.951 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Instrument :
MSVOA_D
ClientSampleId :

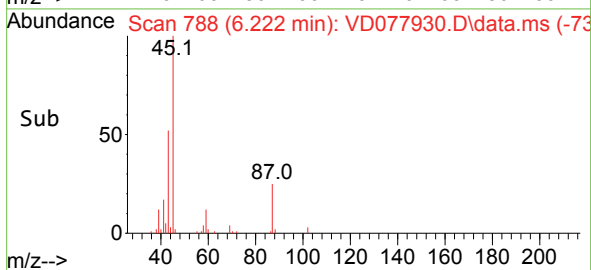
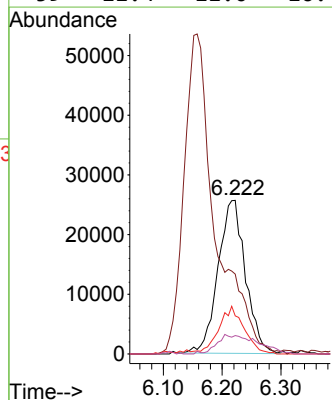
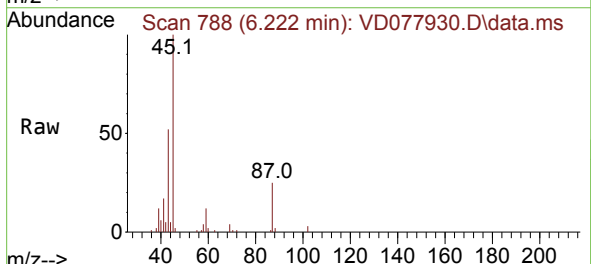


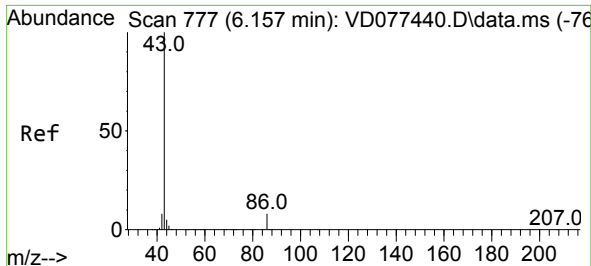
Tgt Ion: 96 Resp: 33371
Ion Ratio Lower Upper
96 100
61 121.7 89.3 133.9
98 64.8 48.6 73.0



#22
Diisopropyl ether
Concen: 20.535 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion: 45 Resp: 82996
Ion Ratio Lower Upper
45 100
43 50.7 40.0 60.0
87 24.9 28.2 42.4#
59 11.4 11.0 16.4

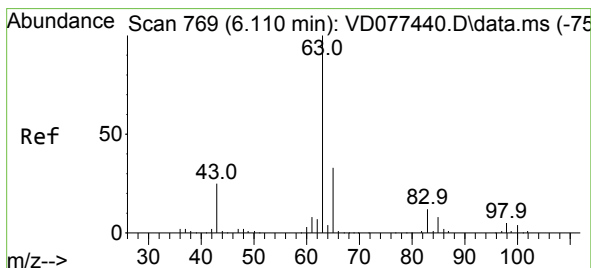
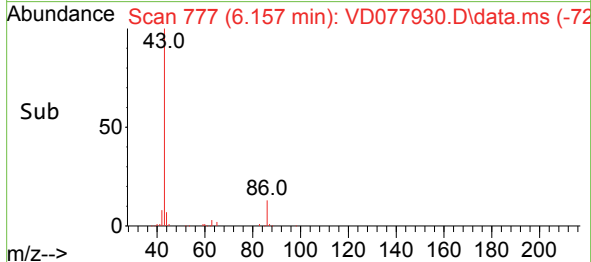
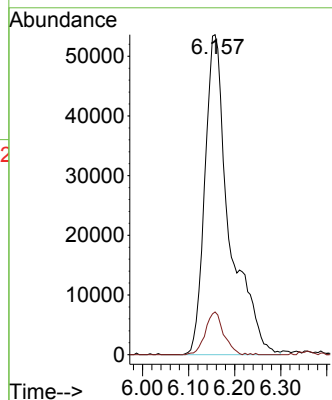
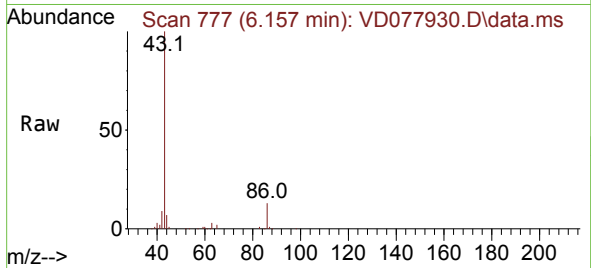




#23
 Vinyl Acetate
 Concen: 100.876 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077930.D
 Acq: 16 Dec 2023 13:17

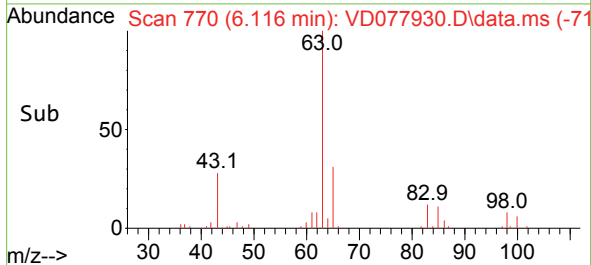
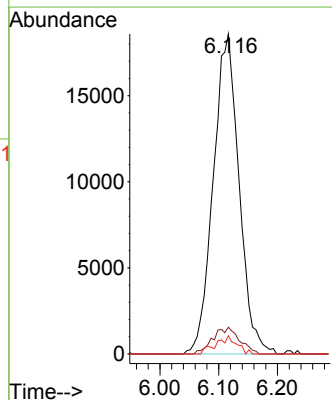
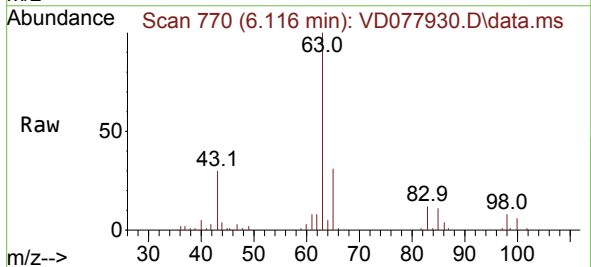
Instrument :
 MSVOA_D
 ClientSampleId :

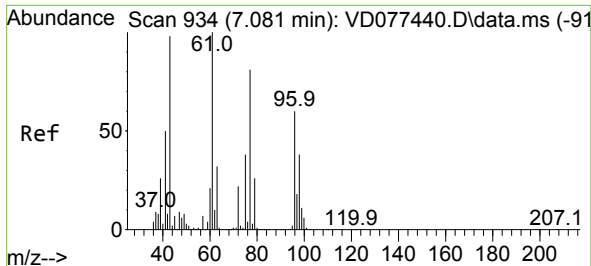
Tgt Ion: 43 Resp: 199098
 Ion Ratio Lower Upper
 43 100
 86 13.3 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 20.686 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077930.D
 Acq: 16 Dec 2023 13:17

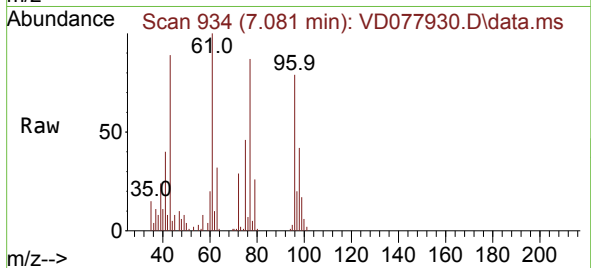
Tgt Ion: 63 Resp: 56618
 Ion Ratio Lower Upper
 63 100
 98 9.6 4.5 13.7
 100 5.7 2.5 7.5



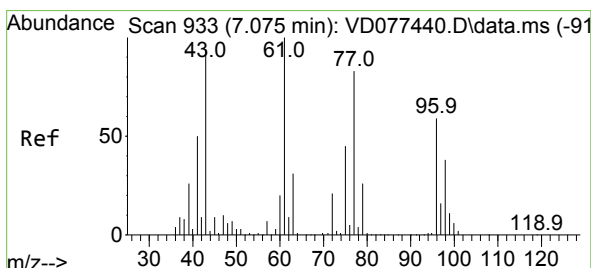
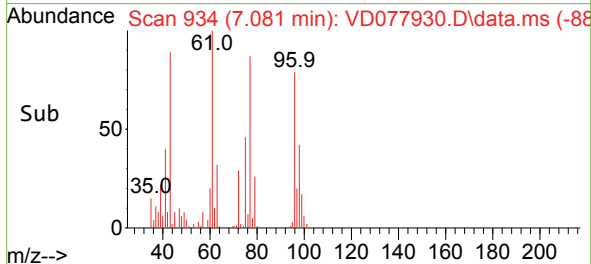
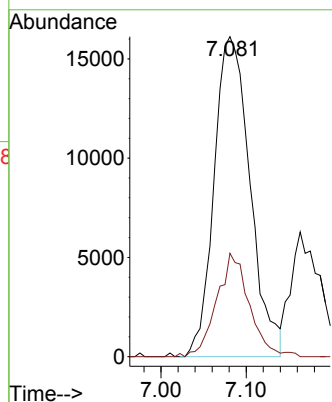


#25
2-Butanone
Concen: 116.848 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Instrument :
MSVOA_D
ClientSampleId :

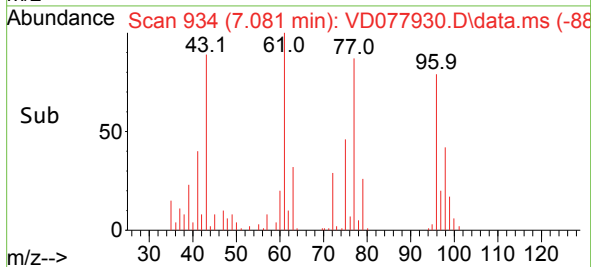
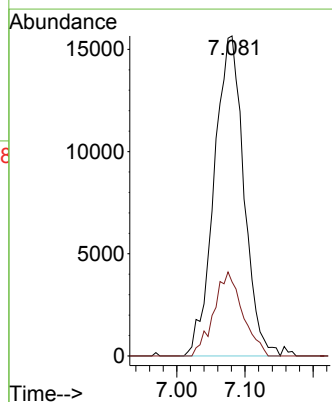
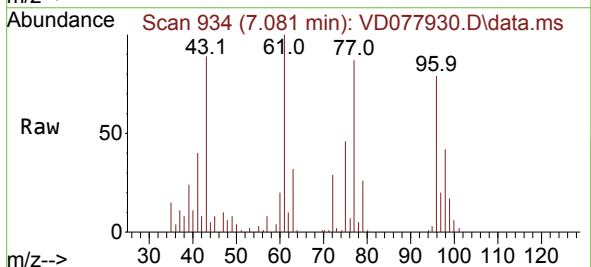


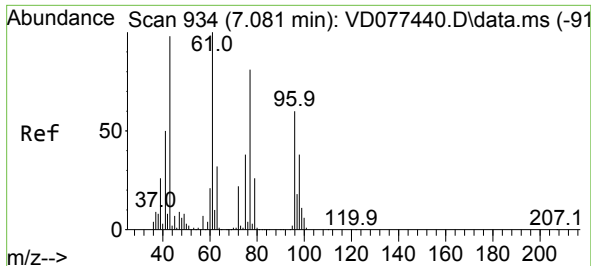
Tgt Ion: 43 Resp: 47309
Ion Ratio Lower Upper
43 100
72 31.3 30.7 46.1



#26
2,2-Dichloropropane
Concen: 20.671 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

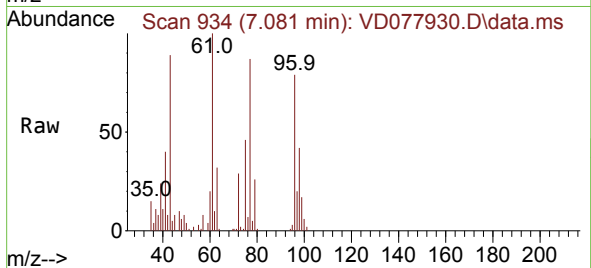
Tgt Ion: 77 Resp: 47503
Ion Ratio Lower Upper
77 100
97 25.4 13.2 39.6





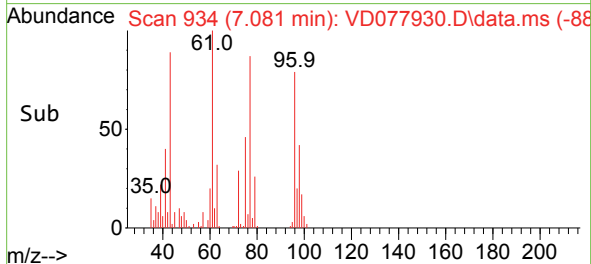
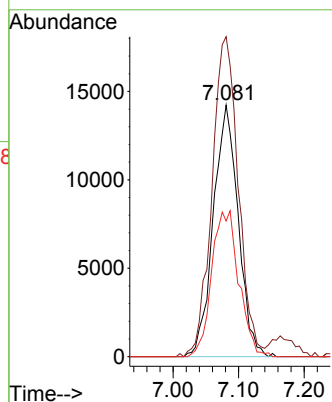
#27
 cis-1,2-Dichloroethene
 Concen: 21.905 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077930.D
 Acq: 16 Dec 2023 13:17

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 37543

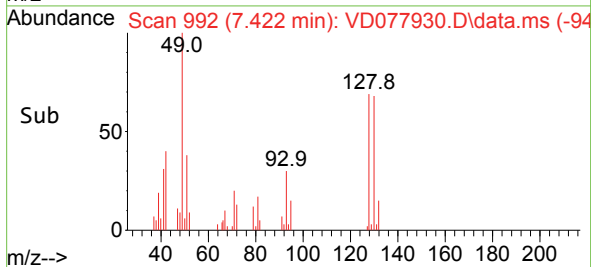
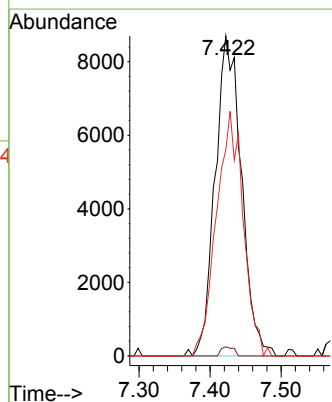
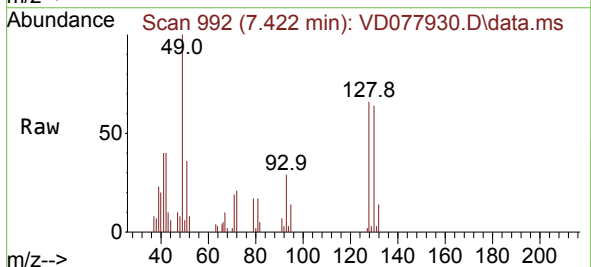
Ion	Ratio	Lower	Upper
96	100		
61	134.3	0.0	239.2
98	63.2	0.0	128.6

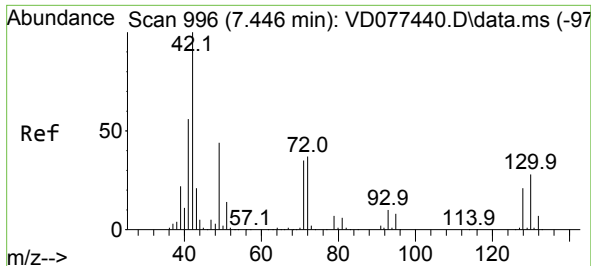


#28
 Bromochloromethane
 Concen: 20.199 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD077930.D
 Acq: 16 Dec 2023 13:17

Tgt Ion: 49 Resp: 22340

Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	6.0
130	78.0	83.2	124.8#

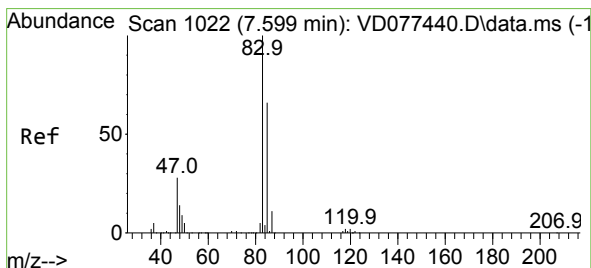
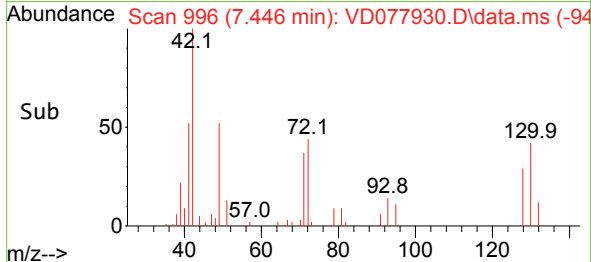
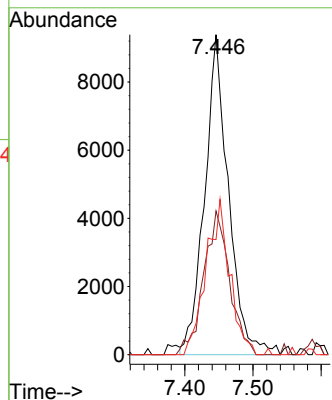
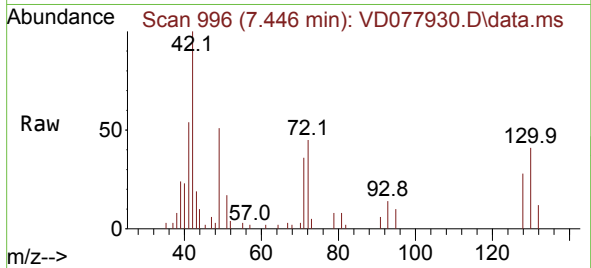




#29
Tetrahydrofuran
Concen: 104.333 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

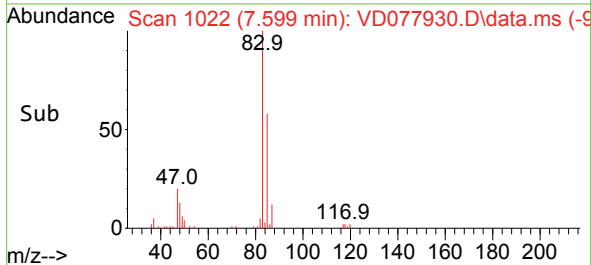
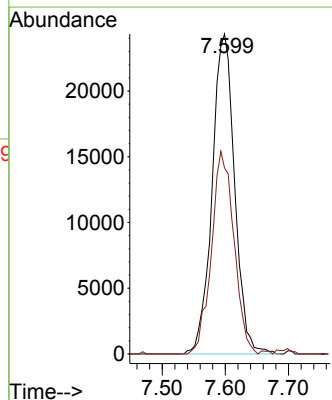
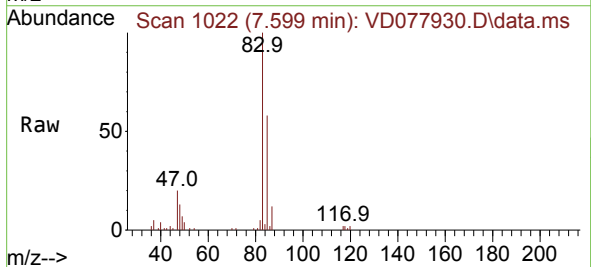
Instrument :
MSVOA_D
ClientSampleId :

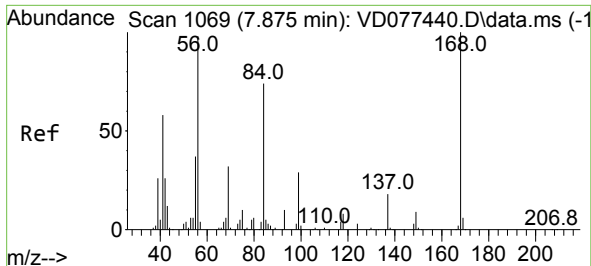
Tgt Ion:	42	Resp:	22903
Ion	Ratio	Lower	Upper
42	100		
72	48.9	46.5	69.7
71	48.1	44.5	66.7



#30
Chloroform
Concen: 22.017 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

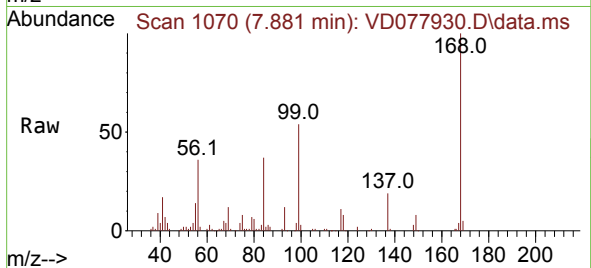
Tgt Ion:	83	Resp:	60310
Ion	Ratio	Lower	Upper
83	100		
85	58.2	53.4	80.2



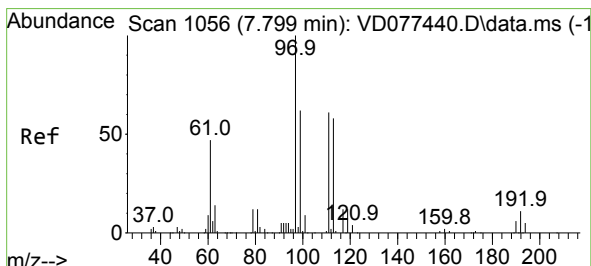
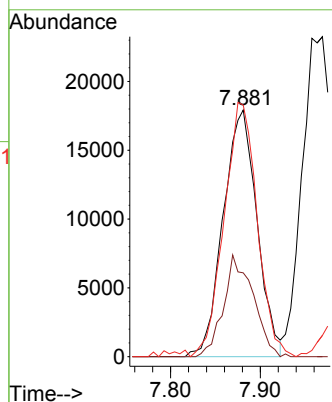
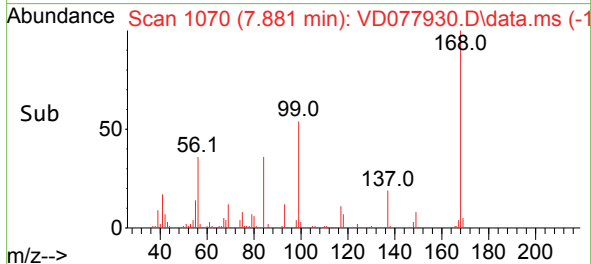


#31
Cyclohexane
Concen: 19.147 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Instrument :
MSVOA_D
ClientSampleId :

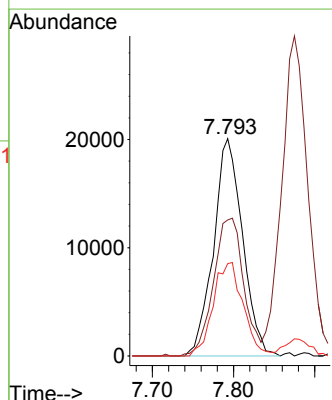
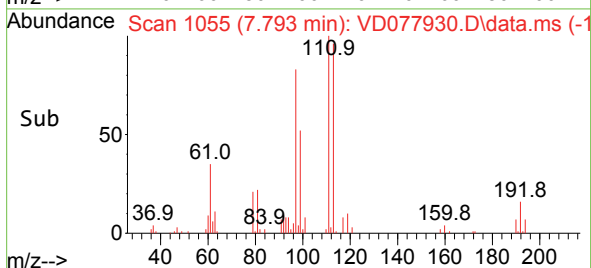
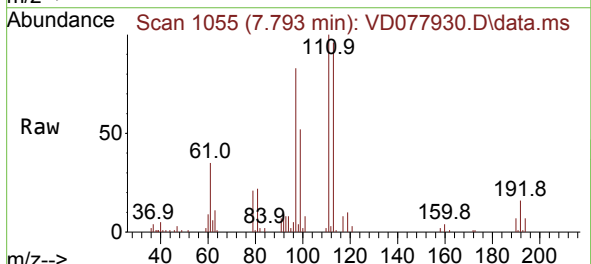


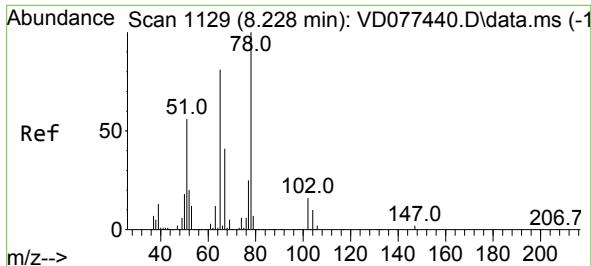
Tgt Ion: 56 Resp: 46949
Ion Ratio Lower Upper
56 100
69 34.0 28.6 43.0
84 100.8 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 20.659 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion: 97 Resp: 49887
Ion Ratio Lower Upper
97 100
99 65.8 52.0 78.0
61 44.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 52.071 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Instrument :

MSVOA_D

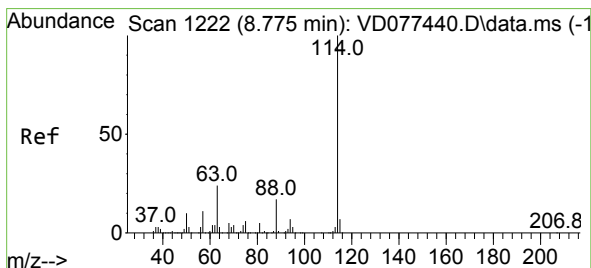
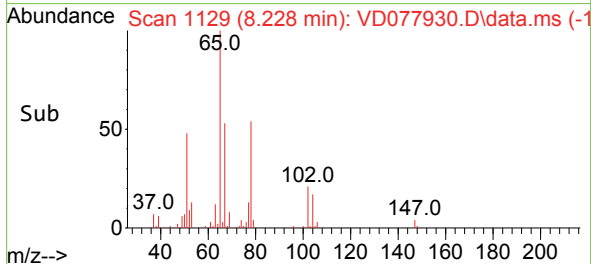
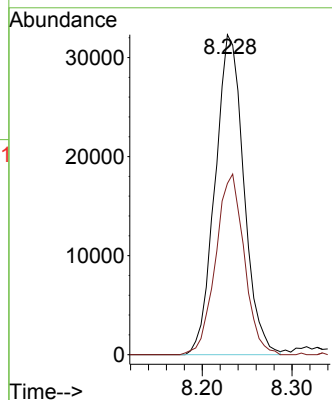
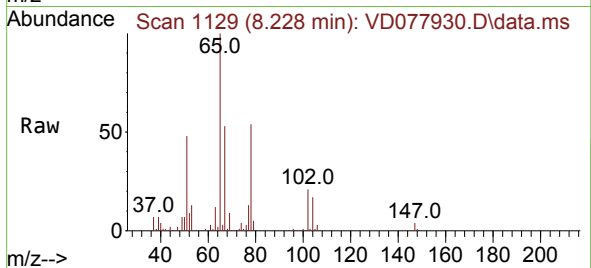
ClientSampleId :

Tgt Ion: 65 Resp: 71782

Ion Ratio Lower Upper

65 100

67 56.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

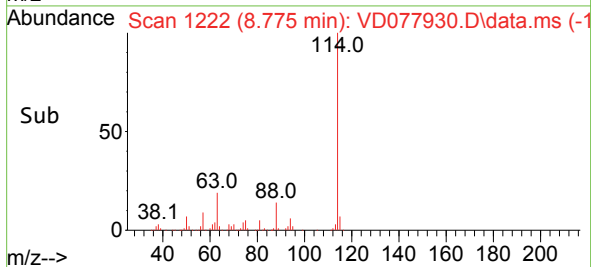
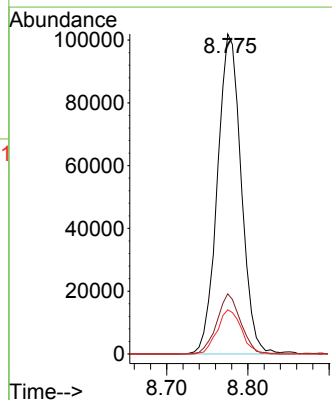
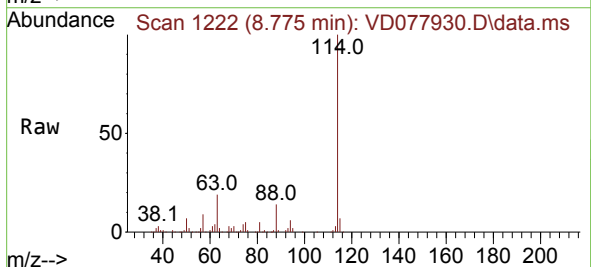
Tgt Ion: 114 Resp: 207465

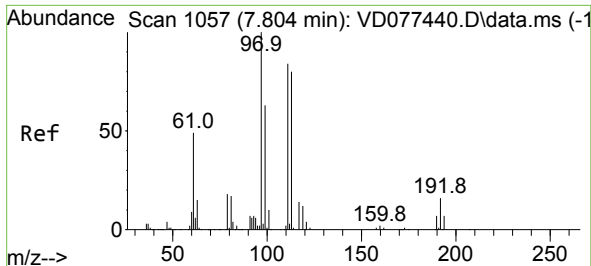
Ion Ratio Lower Upper

114 100

63 18.8 0.0 33.4

88 13.8 0.0 26.2

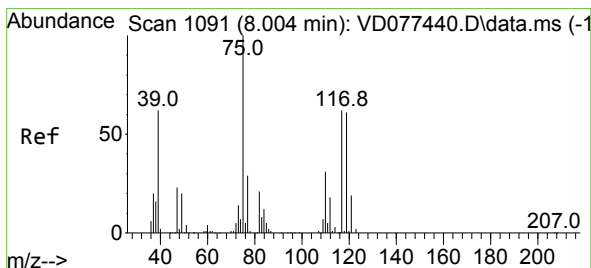
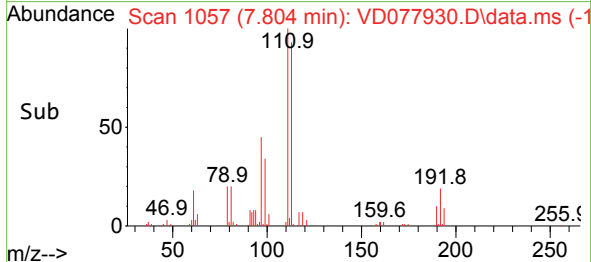
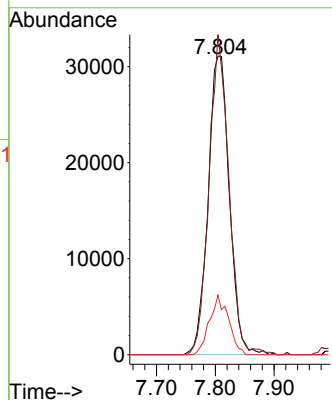
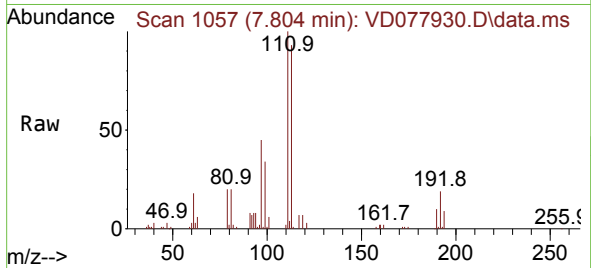




#35
Dibromofluoromethane
Concen: 53.750 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

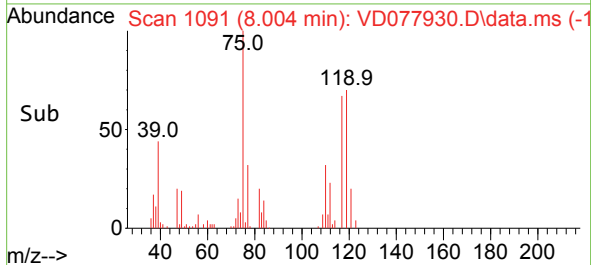
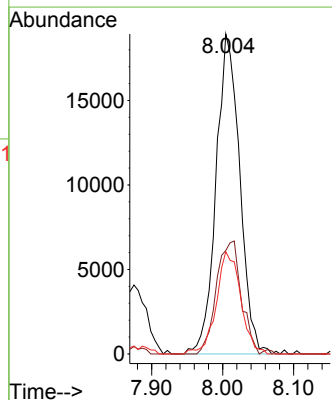
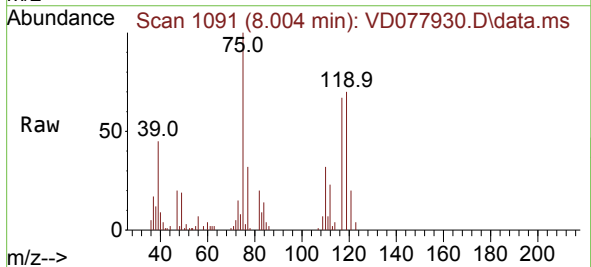
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 78111
Ion Ratio Lower Upper
113 100
111 100.2 84.7 127.1
192 17.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 18.830 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion: 75 Resp: 43770
Ion Ratio Lower Upper
75 100
110 37.2 19.9 59.6
77 32.9 24.7 37.1





#37

Ethyl Acetate

Concen: 16.104 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

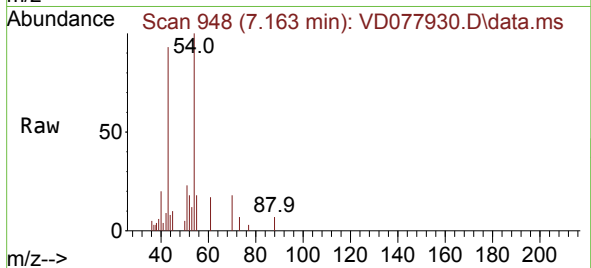
Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

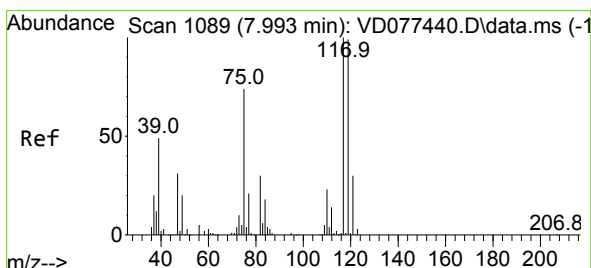
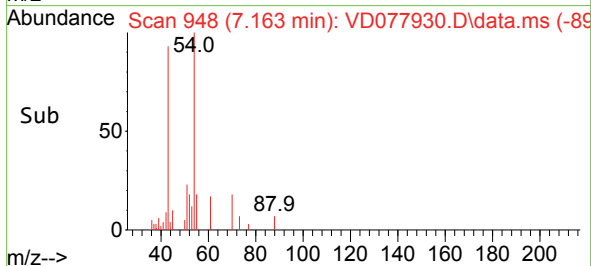
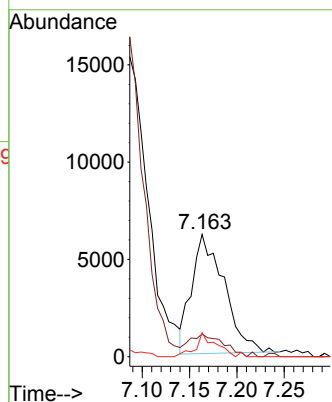
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	43	Resp:	14596
Ion	Ratio	Lower	Upper
43	100		
61	20.3	14.9	22.3
70	12.7	10.0	15.0



#38

Carbon Tetrachloride

Concen: 19.564 ug/l

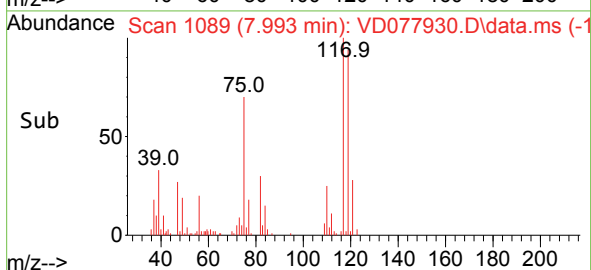
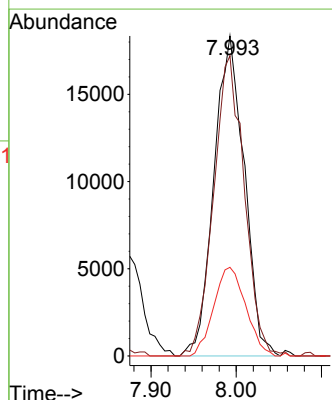
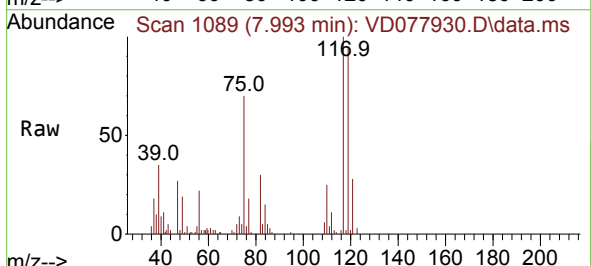
RT: 7.993 min Scan# 1089

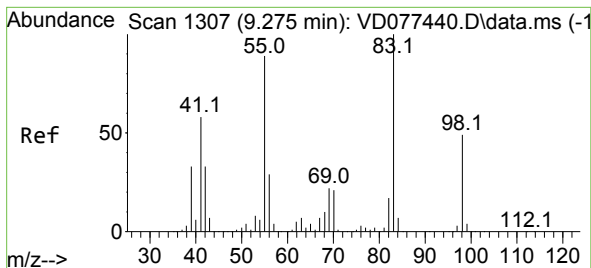
Delta R.T. -0.000 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Tgt Ion:	117	Resp:	45338
Ion	Ratio	Lower	Upper
117	100		
119	93.8	78.0	117.0
121	27.7	24.2	36.2





#39

Methylcyclohexane

Concen: 18.970 ug/l

RT: 9.269 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Instrument :

MSVOA_D

ClientSampleId :

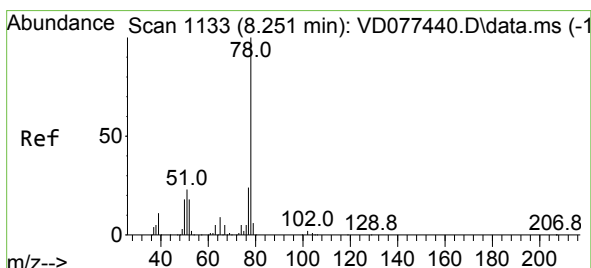
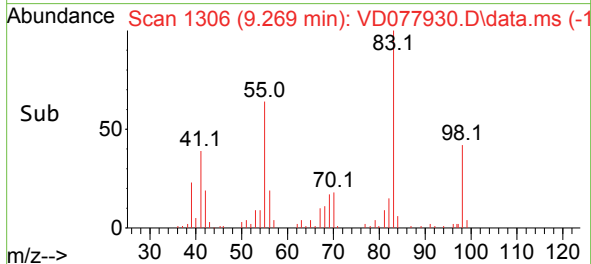
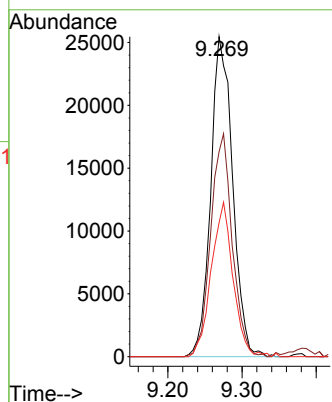
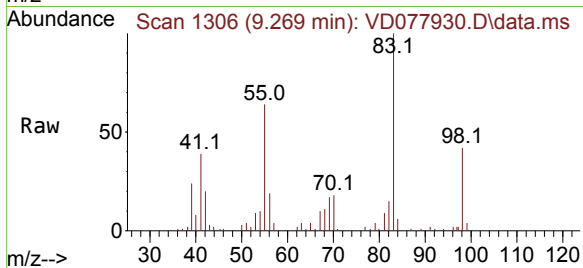
Tgt Ion: 83 Resp: 52275

Ion Ratio Lower Upper

83 100

55 64.0 49.4 74.0

98 41.9 38.4 57.6



#40

Benzene

Concen: 19.234 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD077930.D

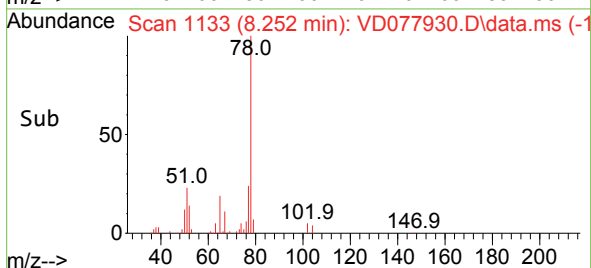
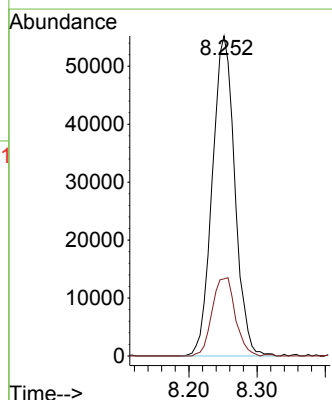
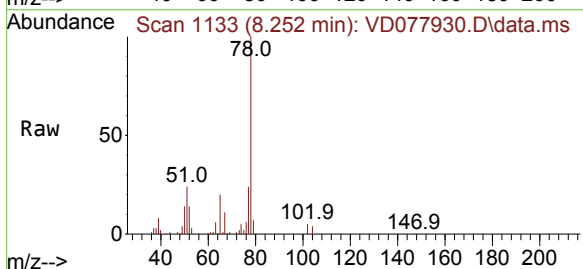
Acq: 16 Dec 2023 13:17

Tgt Ion: 78 Resp: 126898

Ion Ratio Lower Upper

78 100

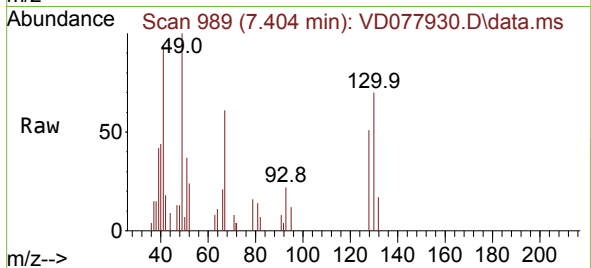
77 24.1 19.4 29.0



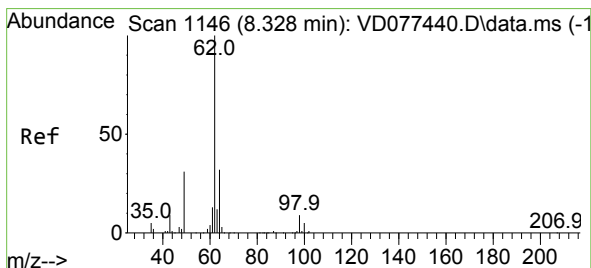
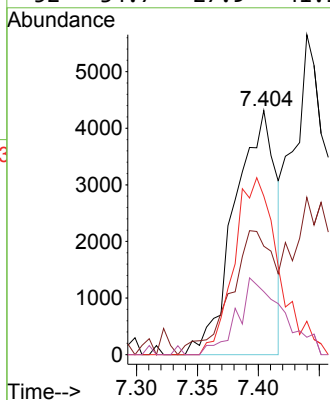
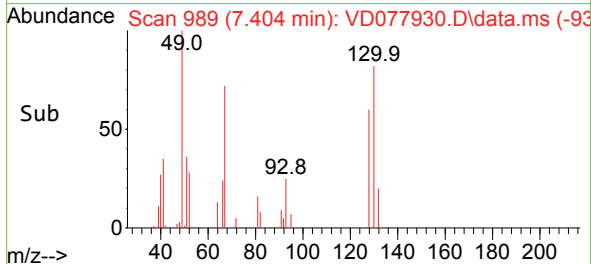


#41
Methacrylonitrile
Concen: 21.985 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Instrument :
MSVOA_D
ClientSampleId :

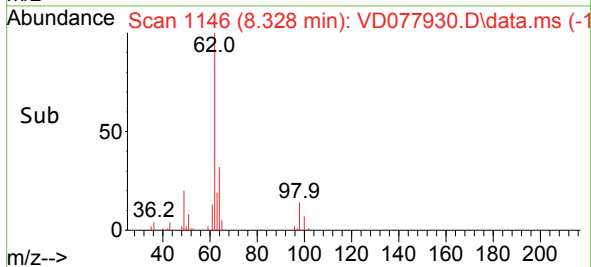
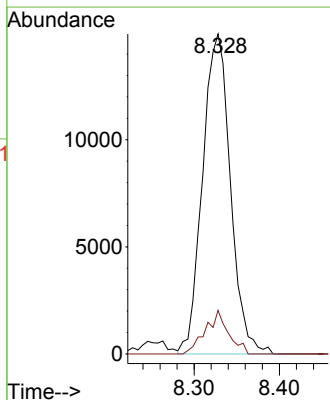
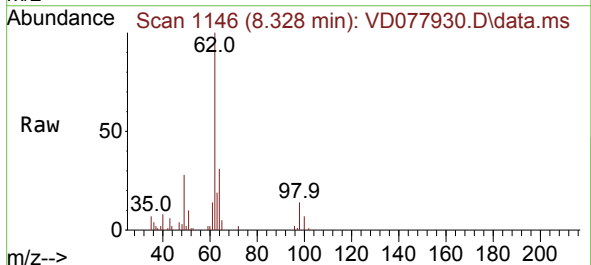


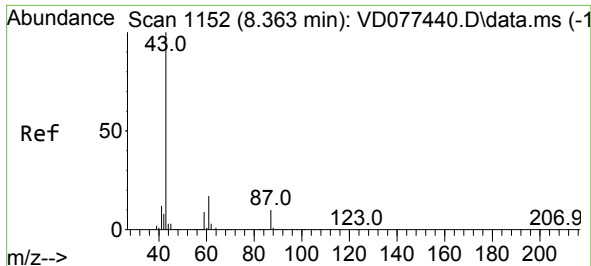
Tgt Ion:	41	Resp:	10128
Ion Ratio	Lower	Upper	
41	100		
39	53.9	34.0	51.0#
67	78.8	77.0	115.4
52	34.7	27.9	41.9



#42
1,2-Dichloroethane
Concen: 19.851 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

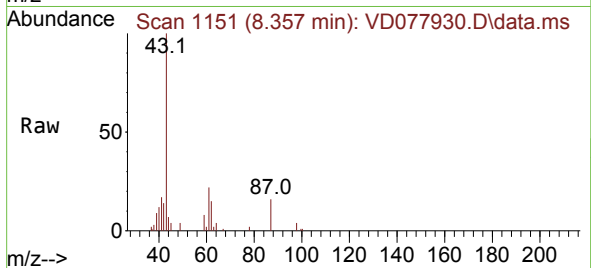
Tgt Ion:	62	Resp:	33948
Ion Ratio	Lower	Upper	
62	100		
98	11.2	0.0	25.4



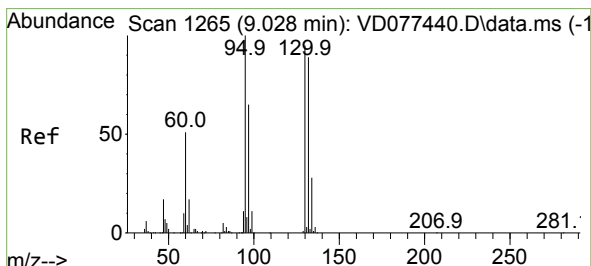
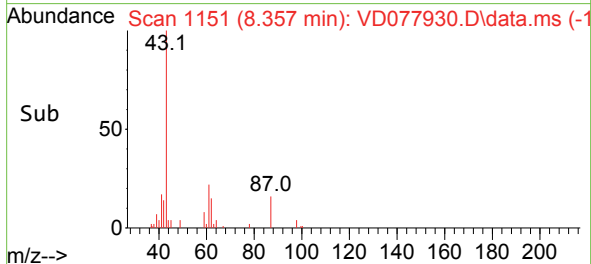
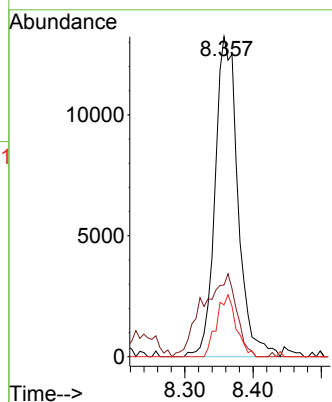


#43
Isopropyl Acetate
Concen: 19.112 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Instrument :
MSVOA_D
ClientSampleId :

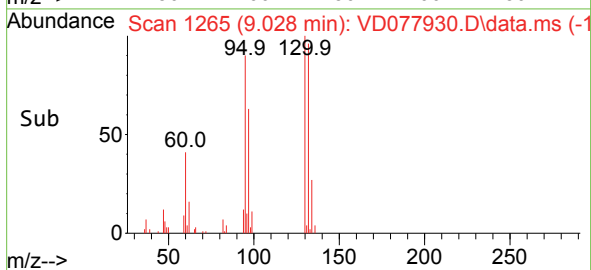
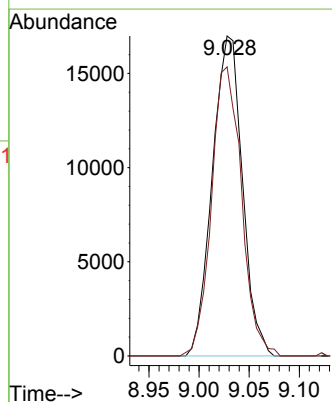
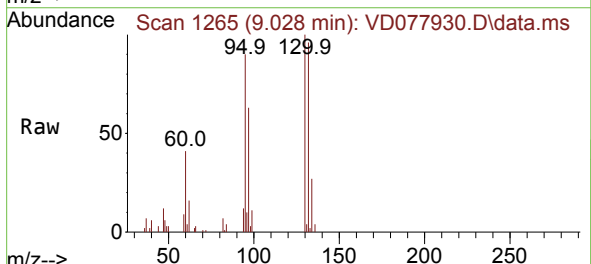


Tgt Ion: 43 Resp: 30793
Ion Ratio Lower Upper
43 100
61 37.8 31.4 47.0
87 16.6 14.9 22.3



#44
Trichloroethene
Concen: 20.651 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion:130 Resp: 35505
Ion Ratio Lower Upper
130 100
95 90.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.260 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Instrument :

MSVOA_D

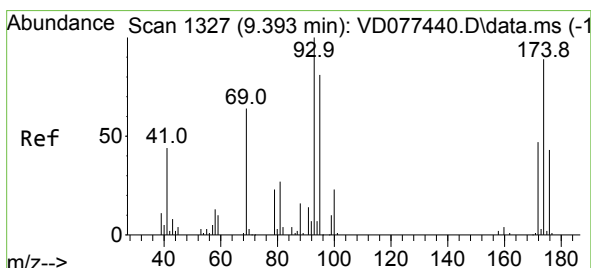
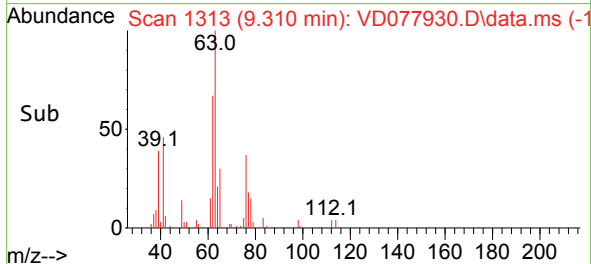
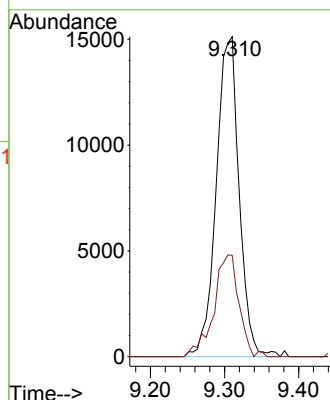
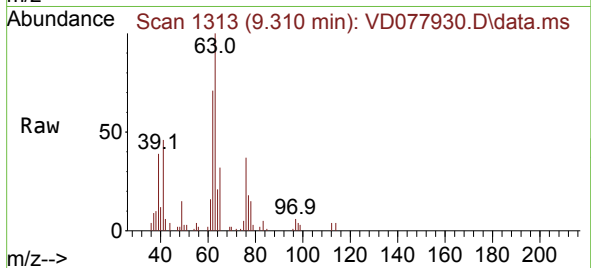
ClientSampleId :

Tgt Ion: 63 Resp: 32493

Ion Ratio Lower Upper

63 100

65 31.7 24.5 36.7



#46

Dibromomethane

Concen: 20.147 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

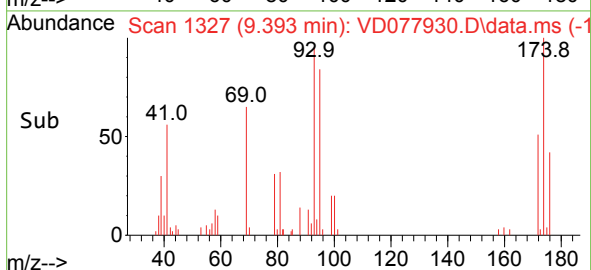
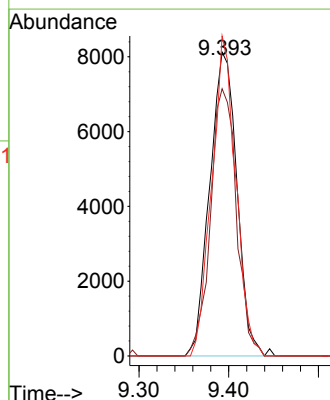
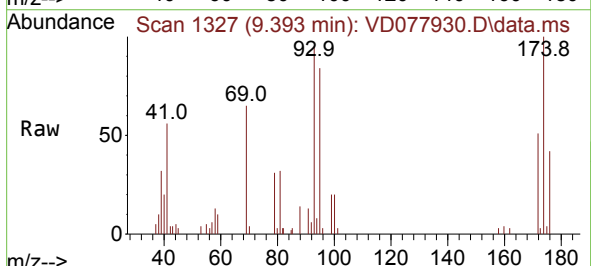
Tgt Ion: 93 Resp: 17097

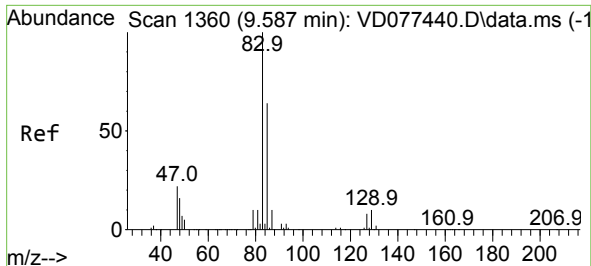
Ion Ratio Lower Upper

93 100

95 84.1 67.7 101.5

174 92.9 85.4 128.2

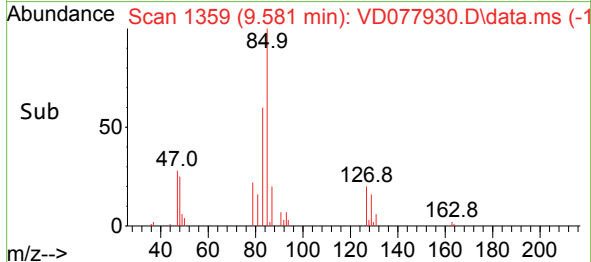
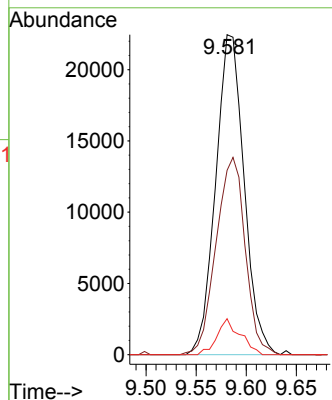
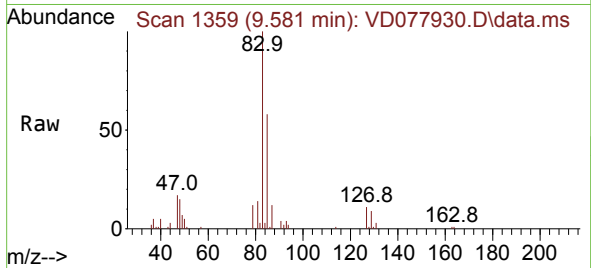




#47
Bromodichloromethane
Concen: 20.595 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

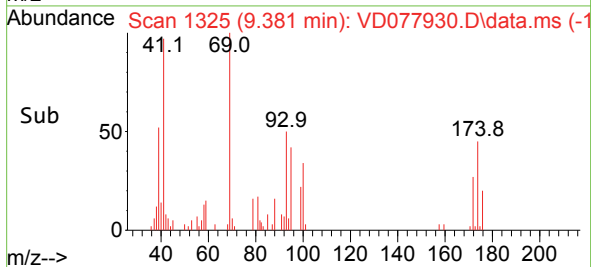
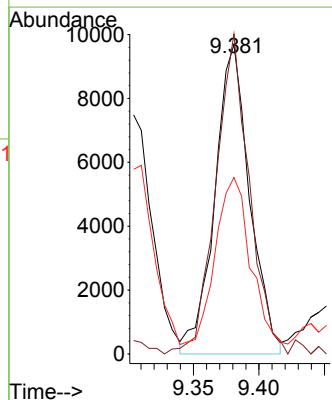
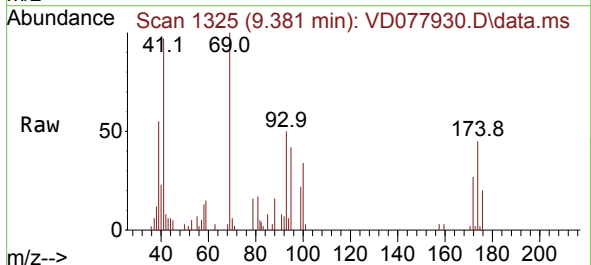
Instrument :
MSVOA_D
ClientSampleId :

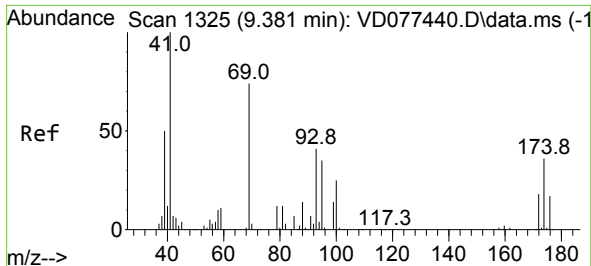
Tgt Ion: 83 Resp: 44298
Ion Ratio Lower Upper
83 100
85 57.6 50.2 75.4
127 11.3 6.3 9.5#



#48
Methyl methacrylate
Concen: 19.553 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion: 41 Resp: 17908
Ion Ratio Lower Upper
41 100
69 99.2 102.2 153.2#
39 53.6 41.4 62.2





#49

1,4-Dioxane

Concen: 405.632 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Instrument :

MSVOA_D

ClientSampleId :

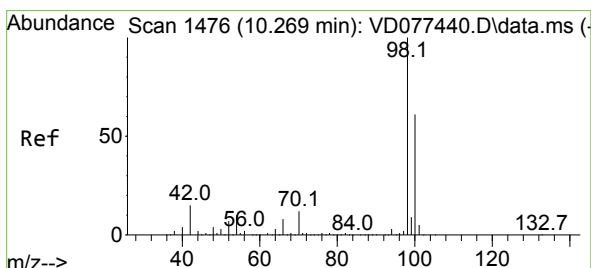
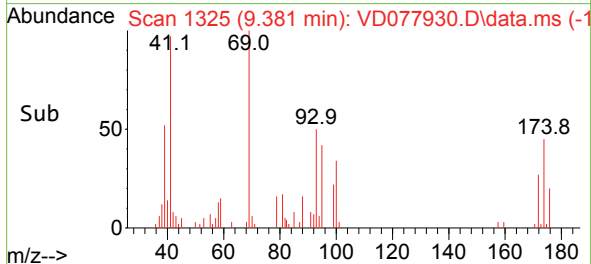
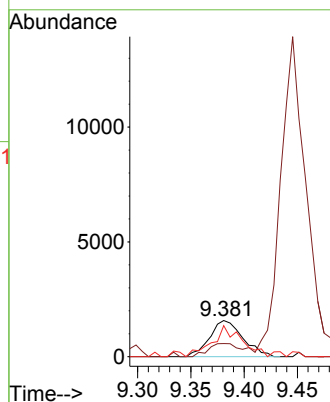
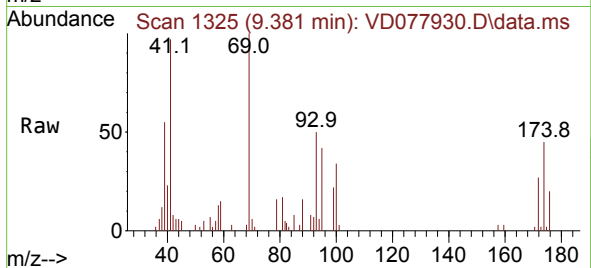
Tgt Ion: 88 Resp: 3418

Ion Ratio Lower Upper

88 100

43 32.9 19.0 28.6#

58 75.3 43.5 65.3#



#50

Toluene-d8

Concen: 52.647 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077930.D

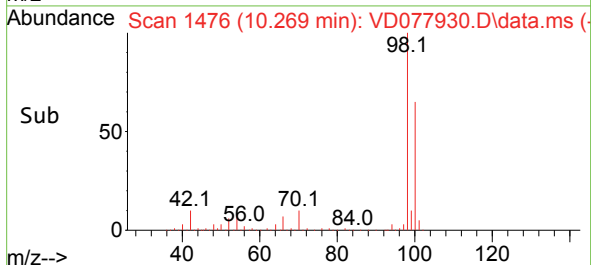
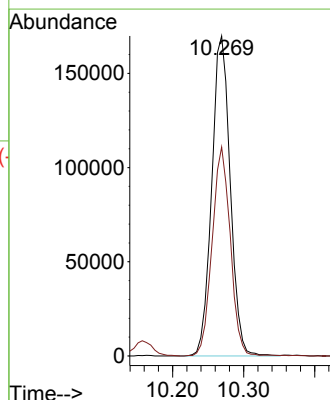
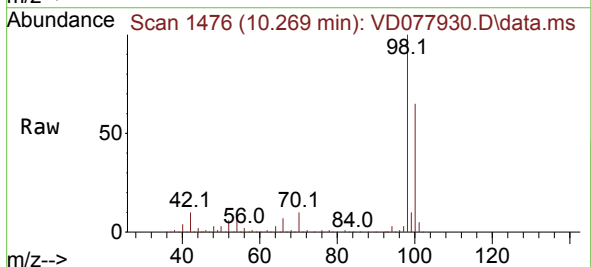
Acq: 16 Dec 2023 13:17

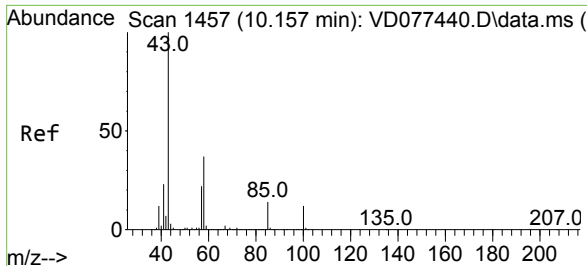
Tgt Ion: 98 Resp: 306425

Ion Ratio Lower Upper

98 100

100 64.2 50.3 75.5

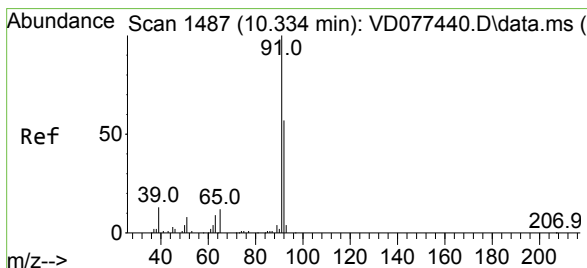
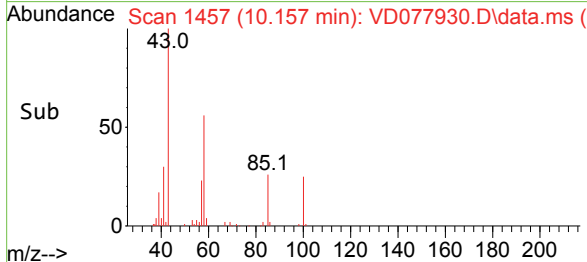
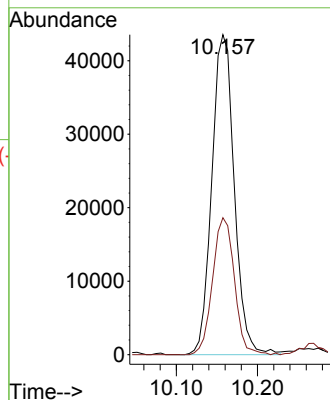
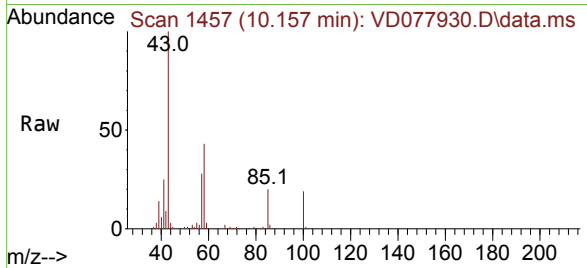




#51
4-Methyl-2-Pentanone
Concen: 101.874 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

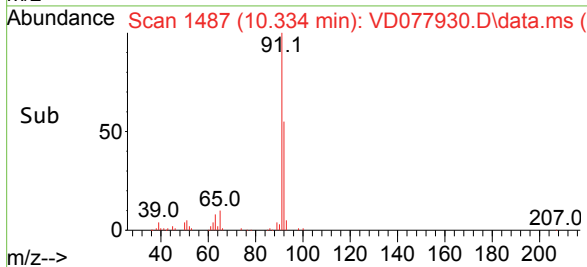
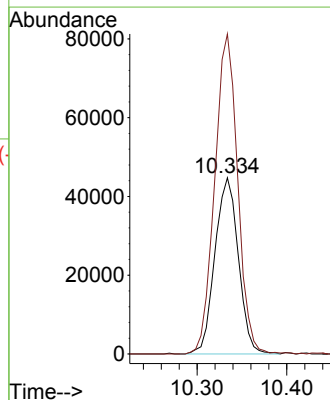
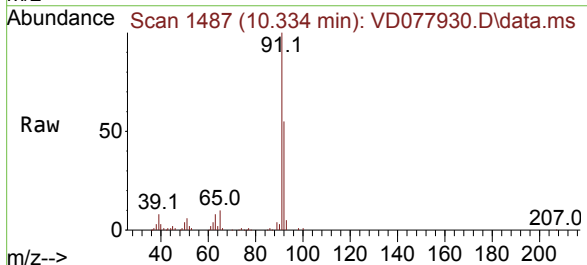
Instrument :
MSVOA_D
ClientSampleId :

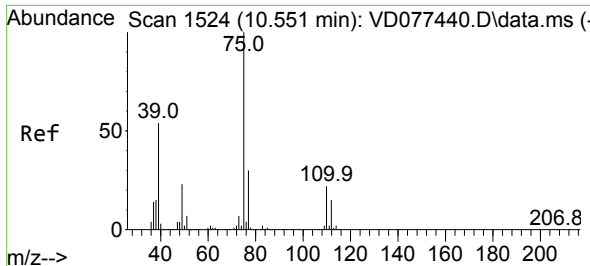
Tgt Ion: 43 Resp: 83770
Ion Ratio Lower Upper
43 100
58 41.5 38.9 58.3



#52
Toluene
Concen: 19.845 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion: 92 Resp: 81216
Ion Ratio Lower Upper
92 100
91 177.7 143.0 214.4

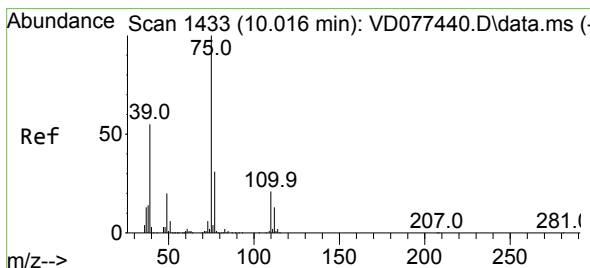
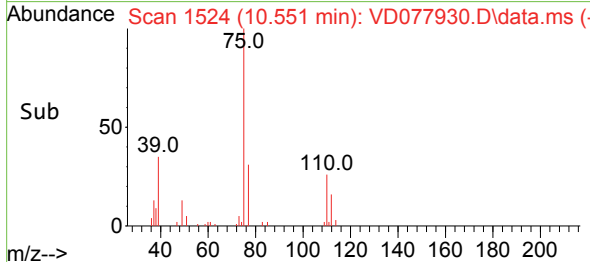
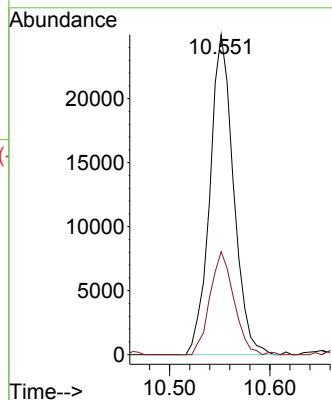
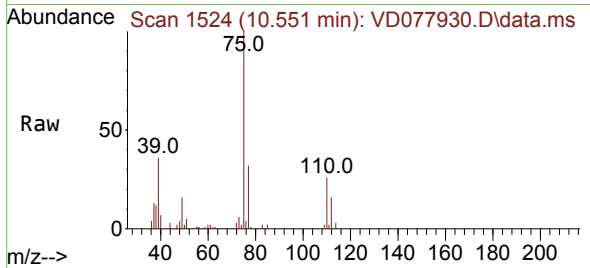




#53
 t-1,3-Dichloropropene
 Concen: 19.905 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD077930.D
 Acq: 16 Dec 2023 13:17

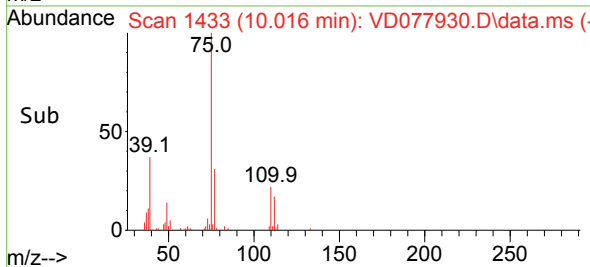
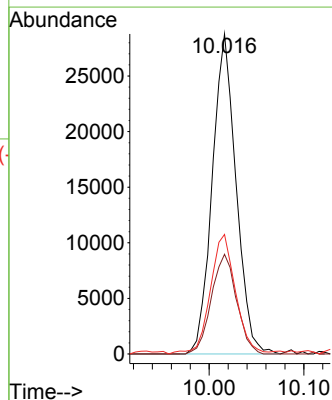
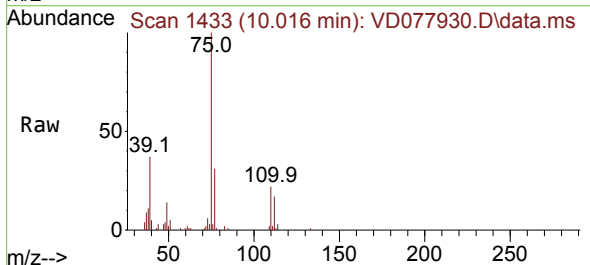
Instrument :
 MSVOA_D
 ClientSampleId :

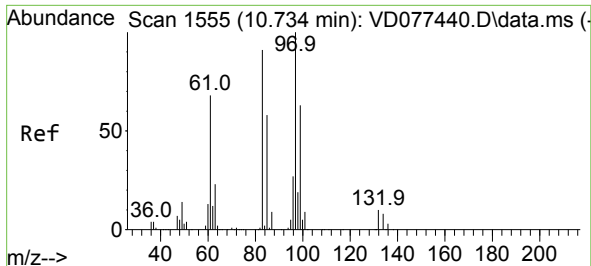
Tgt Ion: 75 Resp: 41114
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.135 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077930.D
 Acq: 16 Dec 2023 13:17

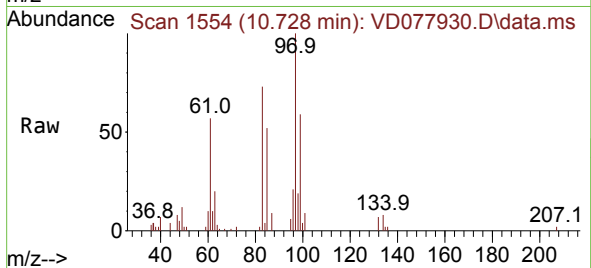
Tgt Ion: 75 Resp: 50283
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.5 38.3
 39 36.5 22.1 33.1#



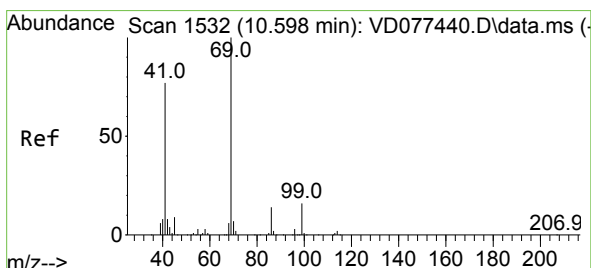
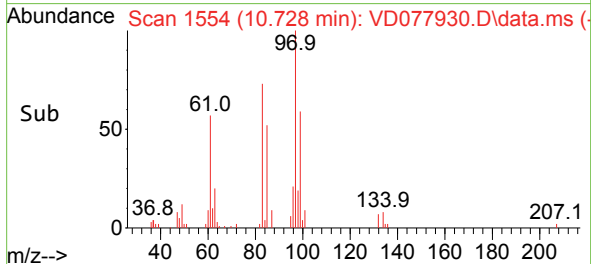
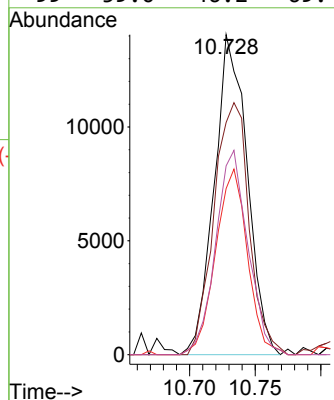


#55
1,1,2-Trichloroethane
Concen: 21.122 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Instrument :
MSVOA_D
ClientSampleId :

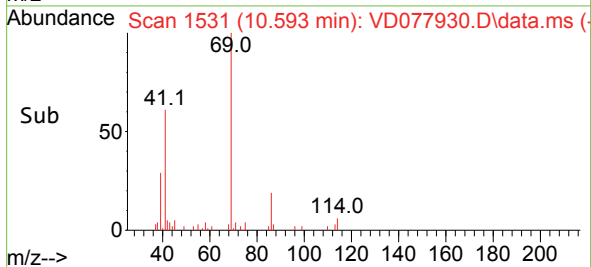
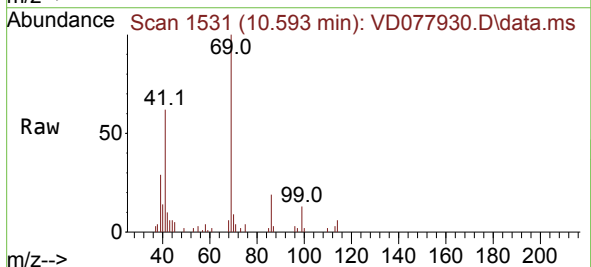
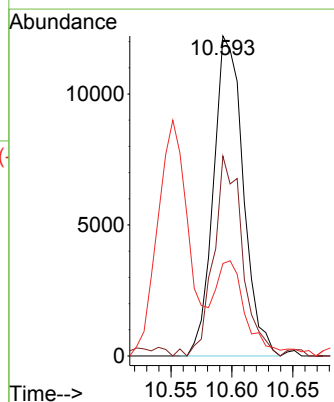


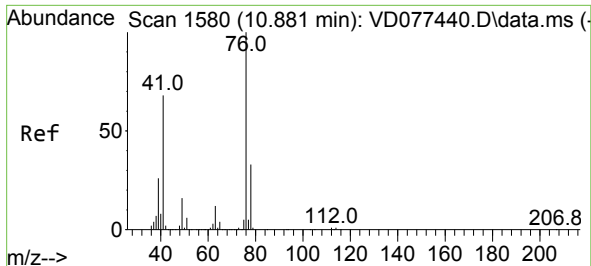
Tgt Ion:	97	Resp:	24517
Ion	Ratio	Lower	Upper
97	100		
83	72.6	65.8	98.6
85	51.9	45.7	68.5
99	59.0	46.2	69.4



#56
Ethyl methacrylate
Concen: 20.304 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.005 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion:	69	Resp:	20776
Ion	Ratio	Lower	Upper
69	100		
41	60.5	39.1	58.7#
39	30.6	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 20.790 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Instrument :

MSVOA_D

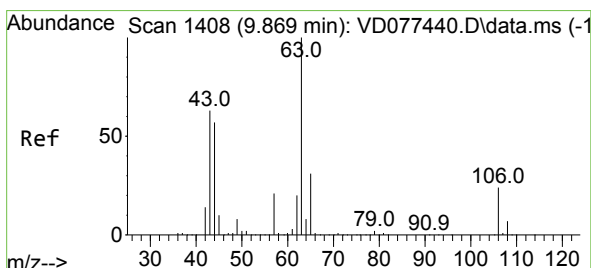
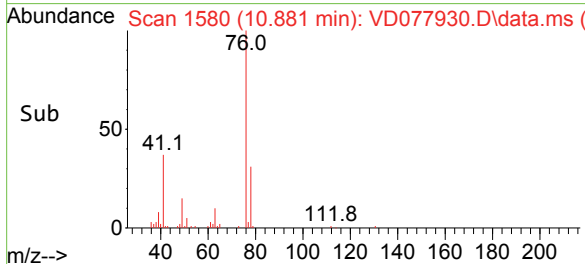
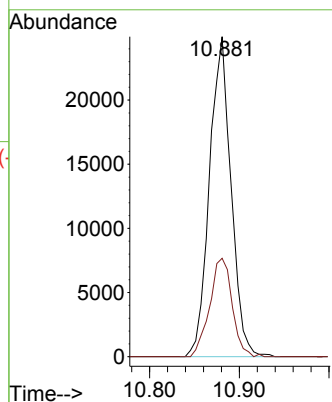
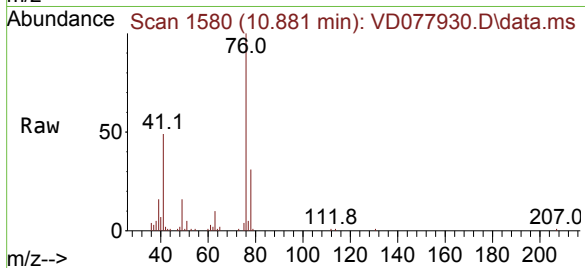
ClientSampleId :

Tgt Ion: 76 Resp: 41597

Ion Ratio Lower Upper

76 100

78 32.1 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 101.990 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077930.D

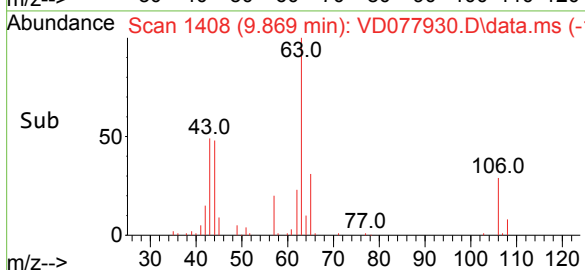
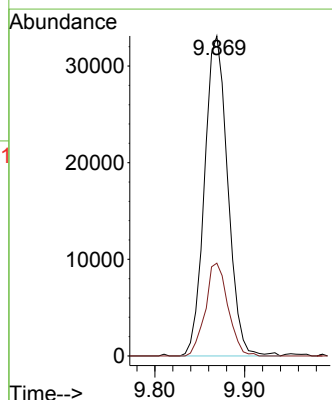
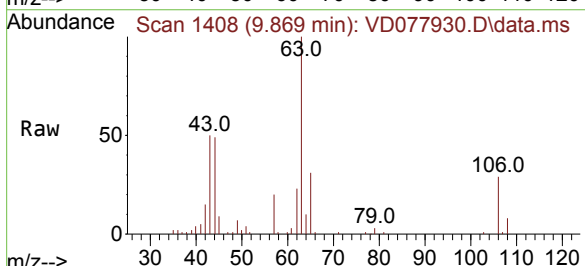
Acq: 16 Dec 2023 13:17

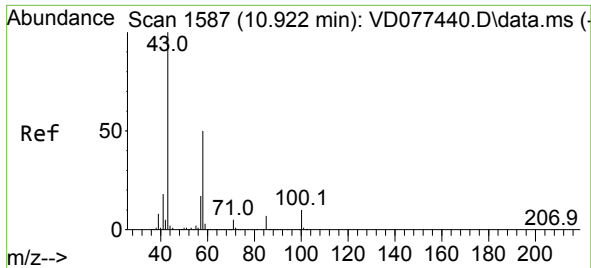
Tgt Ion: 63 Resp: 59514

Ion Ratio Lower Upper

63 100

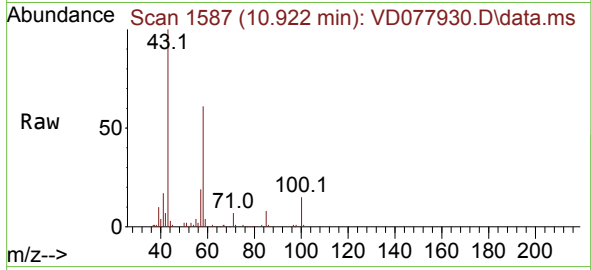
106 28.3 25.3 37.9



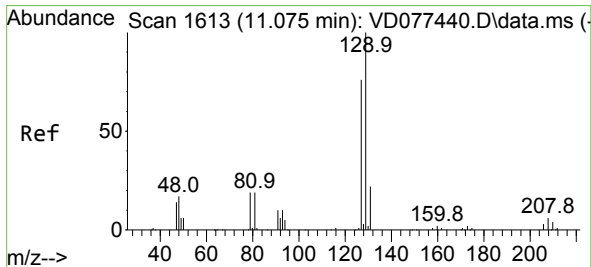
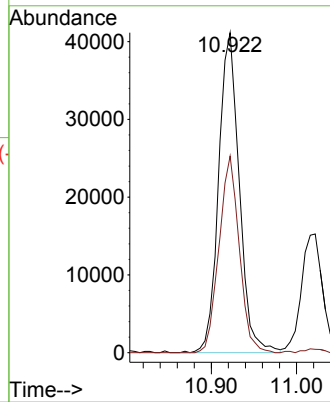
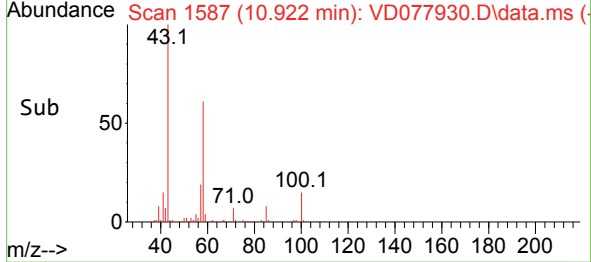


#59
2-Hexanone
Concen: 101.643 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Instrument :
MSVOA_D
ClientSampleId :

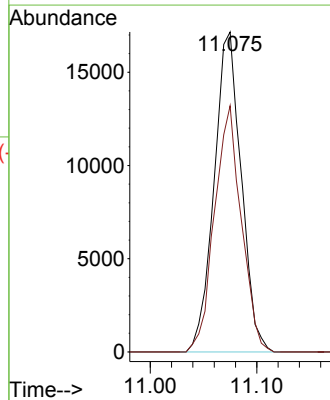
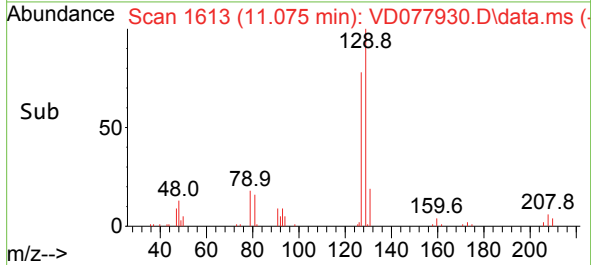
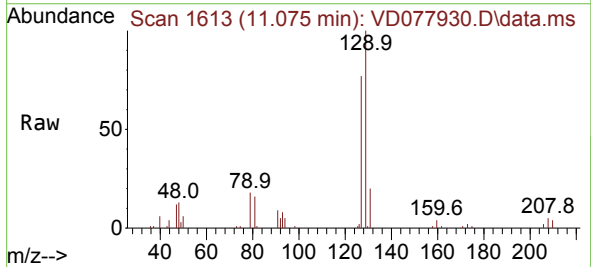


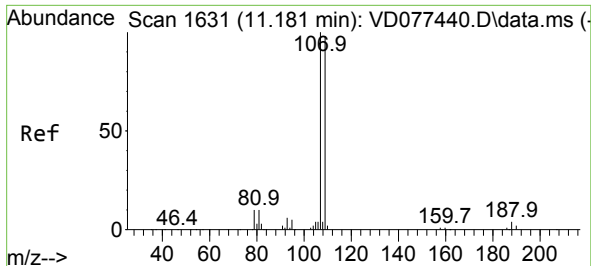
Tgt Ion: 43 Resp: 69342
Ion Ratio Lower Upper
43 100
58 60.1 34.1 102.2



#60
Dibromochloromethane
Concen: 21.660 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion: 129 Resp: 30271
Ion Ratio Lower Upper
129 100
127 76.3 37.1 111.5

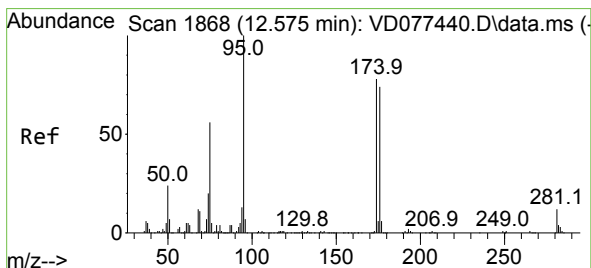
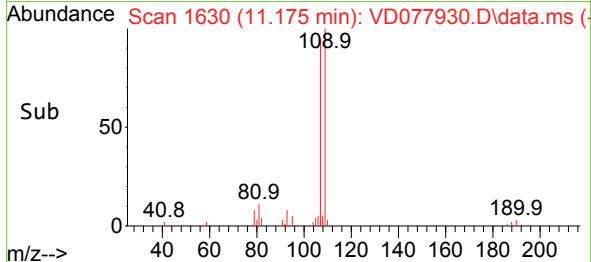
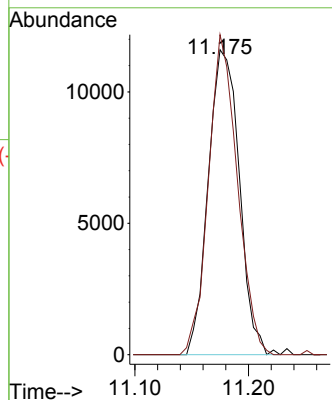
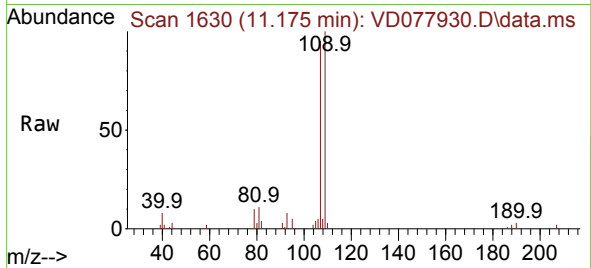




#61
1,2-Dibromoethane
Concen: 20.168 ug/l
RT: 11.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

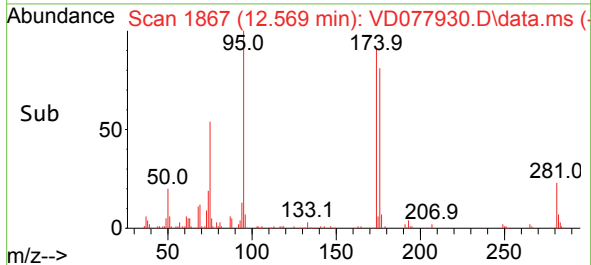
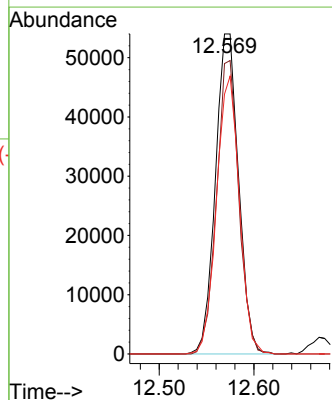
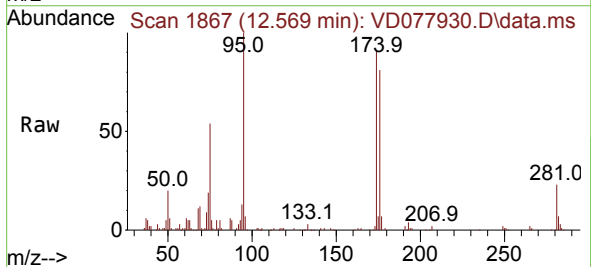
Instrument :
MSVOA_D
ClientSampleId :

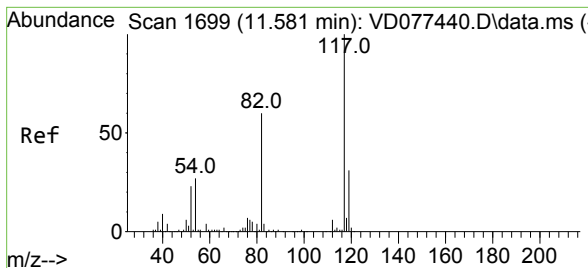
Tgt Ion:107 Resp: 22037
Ion Ratio Lower Upper
107 100
109 97.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.755 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion: 95 Resp: 91801
Ion Ratio Lower Upper
95 100
174 88.2 0.0 201.8
176 85.4 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: VD077930.D

Acq: 16 Dec 2023 13:17

Instrument :

MSVOA_D

ClientSampleId :

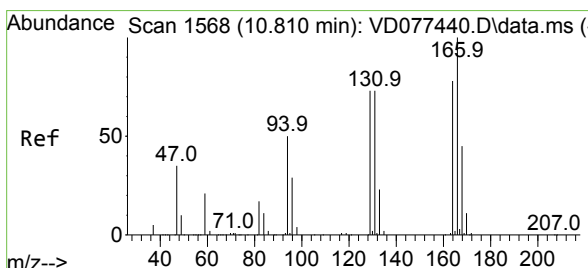
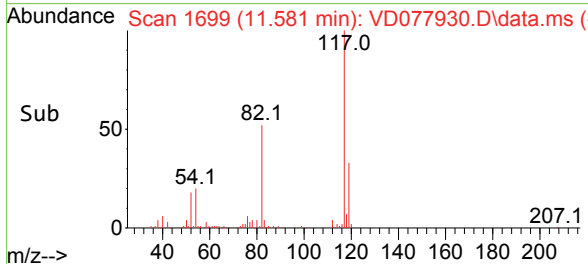
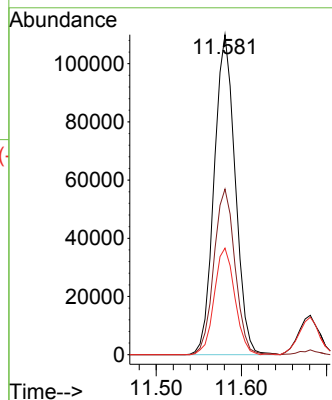
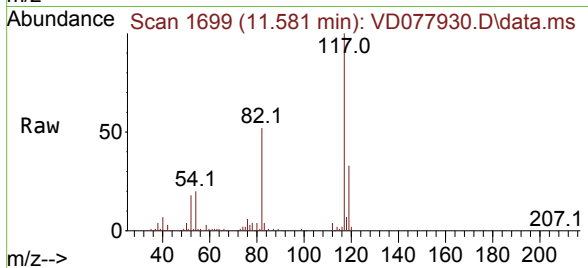
Tgt Ion:117 Resp: 188485

Ion Ratio Lower Upper

117 100

82 51.7 38.3 57.5

119 33.3 25.0 37.4



#64

Tetrachloroethene

Concen: 18.921 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Tgt Ion:164 Resp: 26212

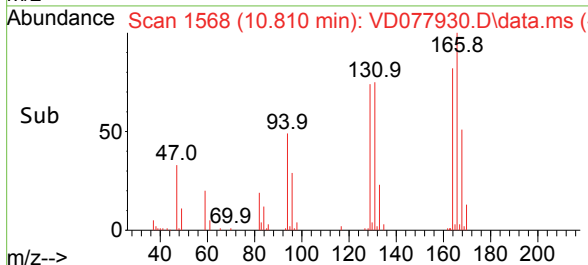
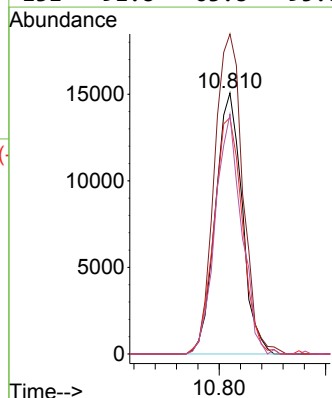
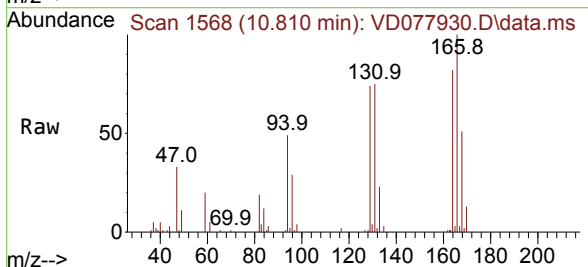
Ion Ratio Lower Upper

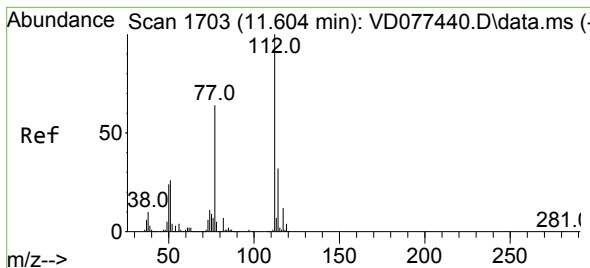
164 100

166 122.6 99.2 148.8

129 90.6 68.4 102.6

131 91.8 63.8 95.8





#65

Chlorobenzene

Concen: 18.507 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Instrument :

MSVOA_D

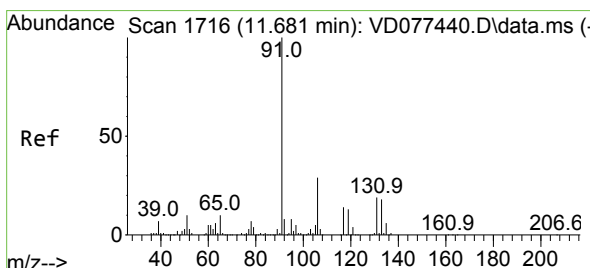
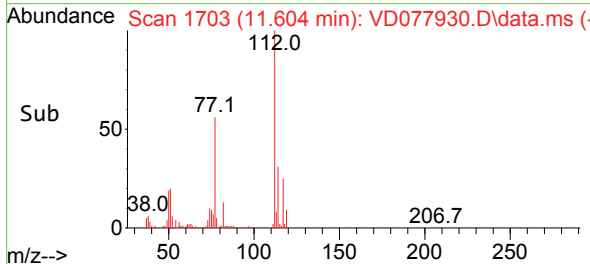
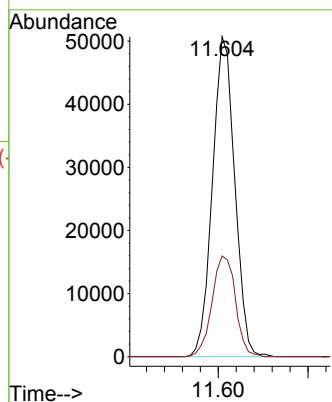
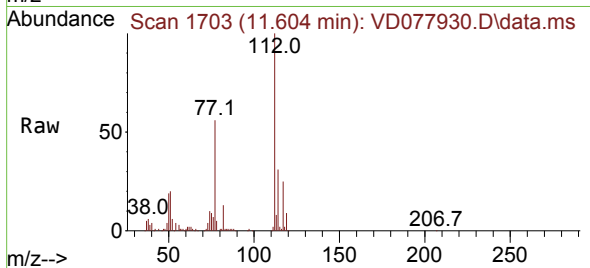
ClientSampleId :

Tgt Ion:112 Resp: 87428

Ion Ratio Lower Upper

112 100

114 31.5 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 20.212 ug/l

RT: 11.675 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

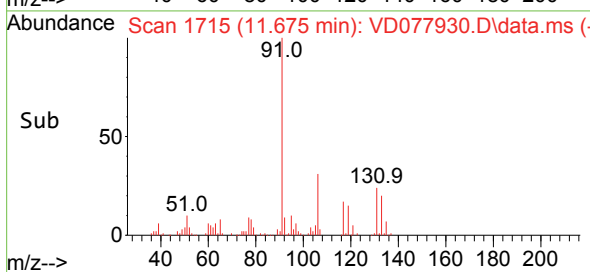
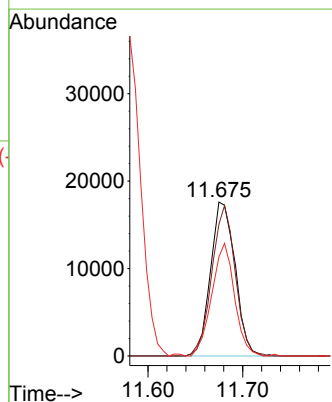
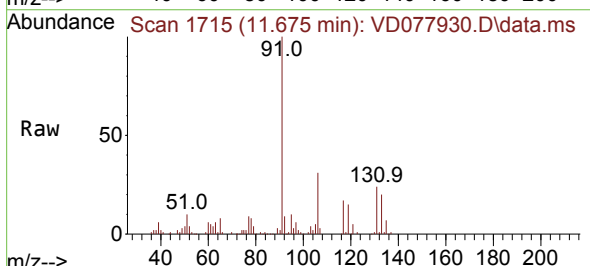
Tgt Ion:131 Resp: 31680

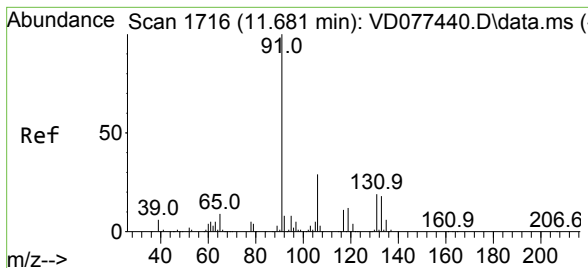
Ion Ratio Lower Upper

131 100

133 93.4 48.5 145.5

119 67.8 35.6 106.9





#67

Ethyl Benzene

Concen: 19.754 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Instrument :

MSVOA_D

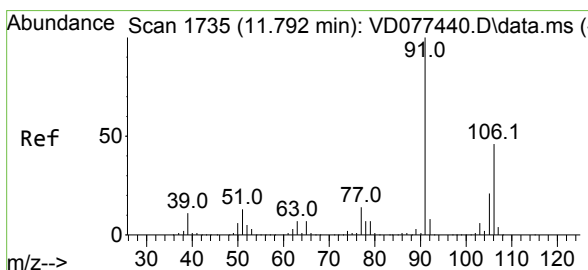
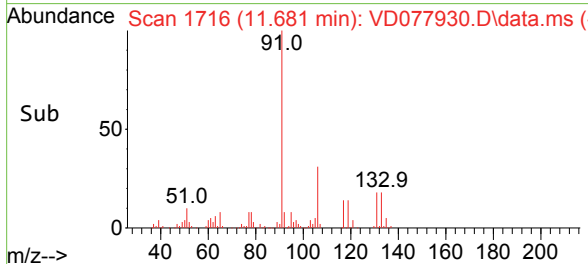
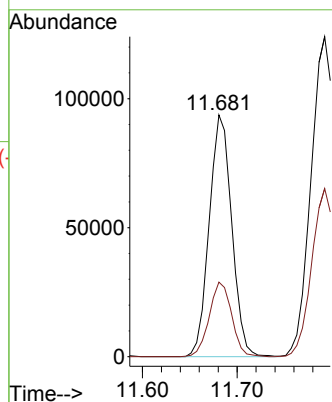
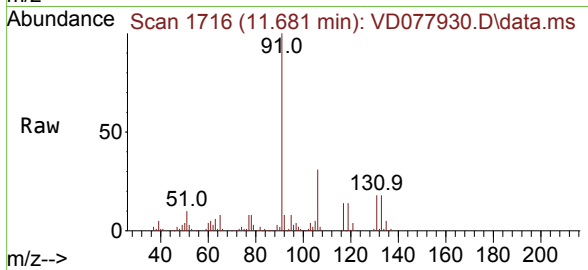
ClientSampleId :

Tgt Ion: 91 Resp: 155017

Ion Ratio Lower Upper

91 100

106 30.8 26.5 39.7



#68

m/p-Xylenes

Concen: 40.060 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077930.D

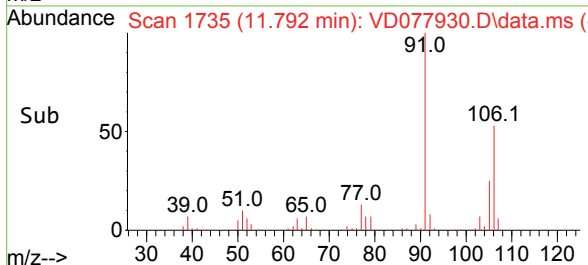
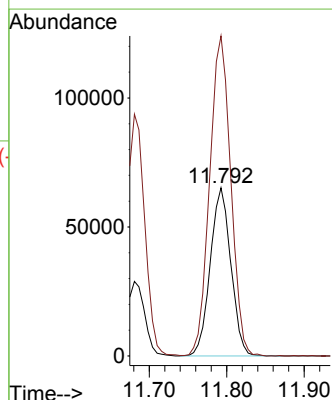
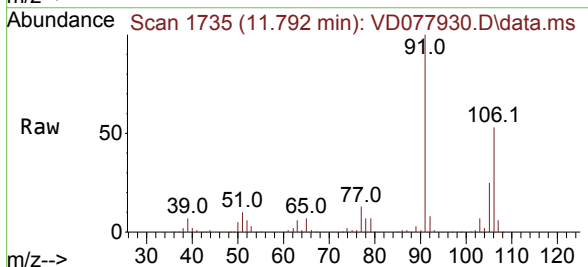
Acq: 16 Dec 2023 13:17

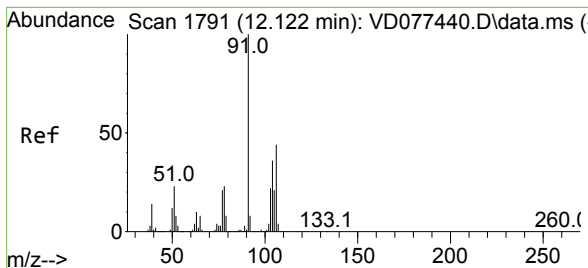
Tgt Ion:106 Resp: 120245

Ion Ratio Lower Upper

106 100

91 195.3 147.0 220.6

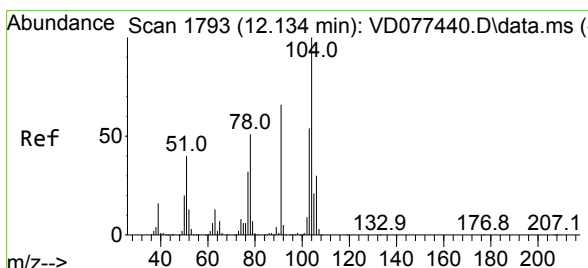
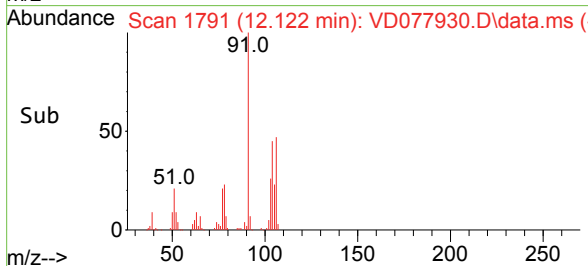
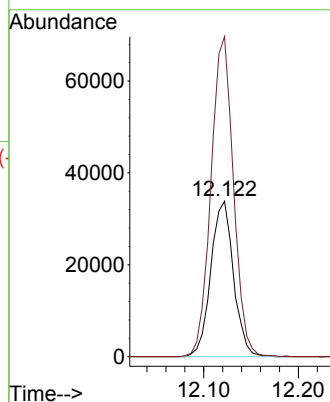
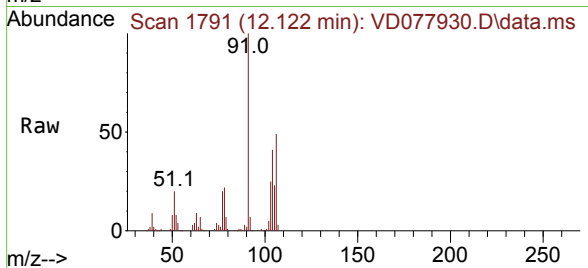




#69
o-Xylene
Concen: 20.314 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

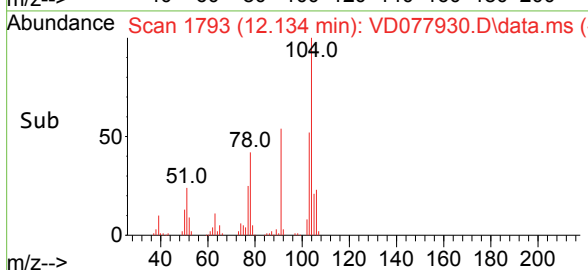
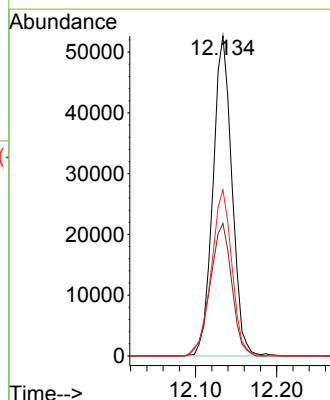
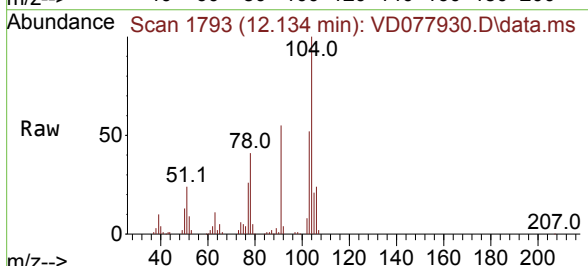
Instrument :
MSVOA_D
ClientSampleId :

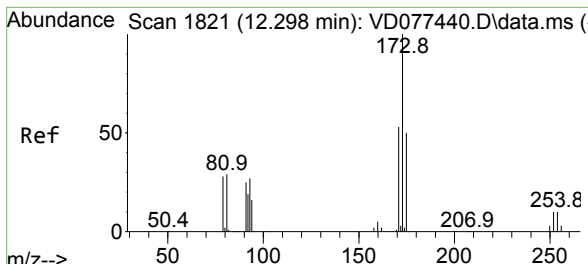
Tgt Ion	Ratio	Lower	Upper
106	100		
91	204.3	97.9	293.6



#70
Styrene
Concen: 20.791 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.8	33.2	49.8
103	56.4	43.6	65.4

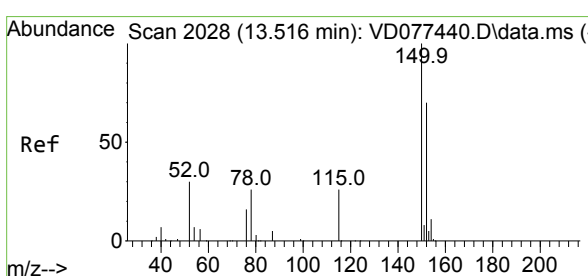
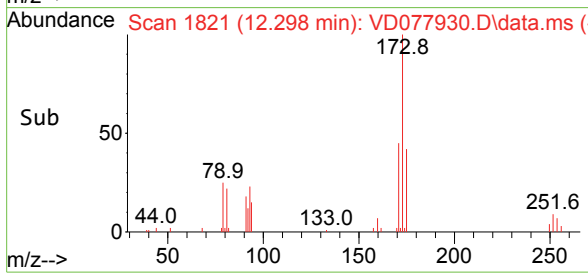
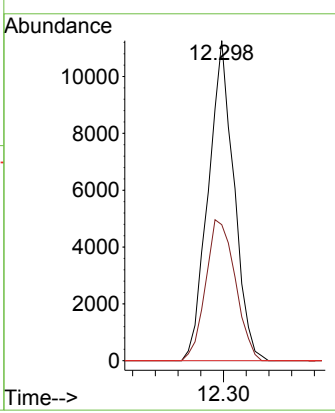
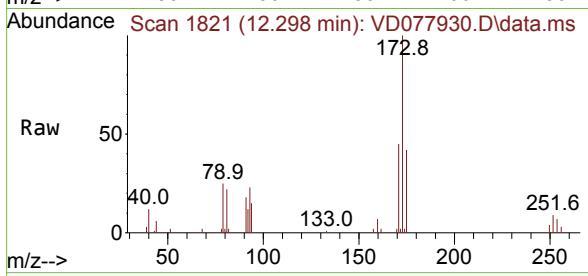




#71
 Bromoform
 Concen: 21.616 ug/l
 RT: 12.298 min Scan# 1821
 Delta R.T. 0.000 min
 Lab File: VD077930.D
 Acq: 16 Dec 2023 13:17

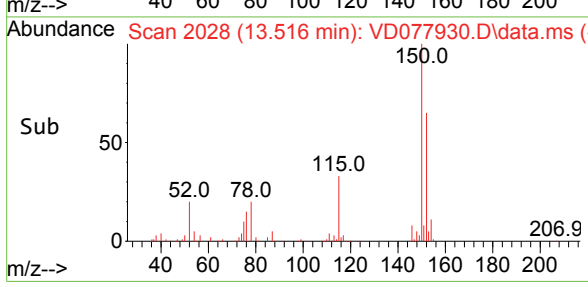
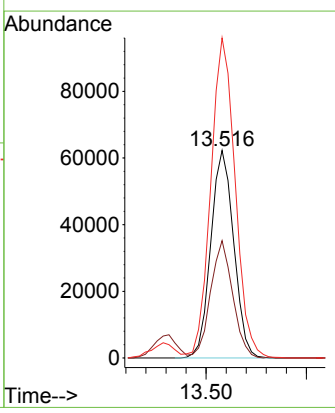
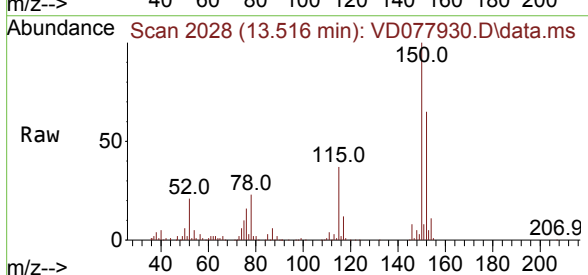
Instrument :
 MSVOA_D
 ClientSampleId :

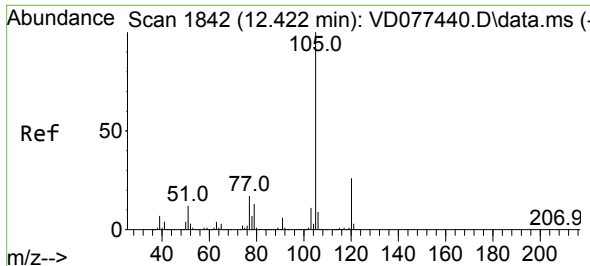
Tgt Ion:	173	Resp:	17703
Ion Ratio	Lower	Upper	
173	100		
175	50.7	24.6	73.8
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: VD077930.D
 Acq: 16 Dec 2023 13:17

Tgt Ion:	152	Resp:	98852
Ion Ratio	Lower	Upper	
152	100		
115	54.7	27.1	81.3
150	164.2	0.0	353.6

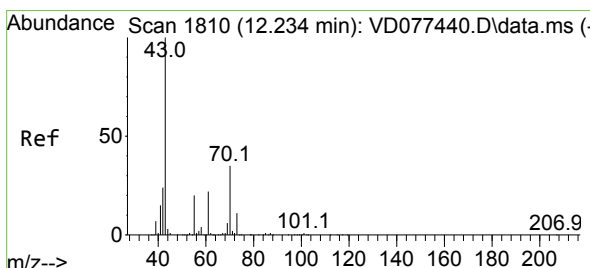
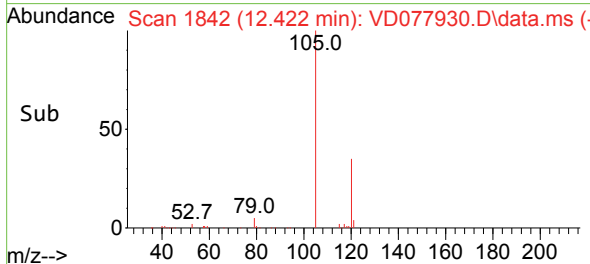
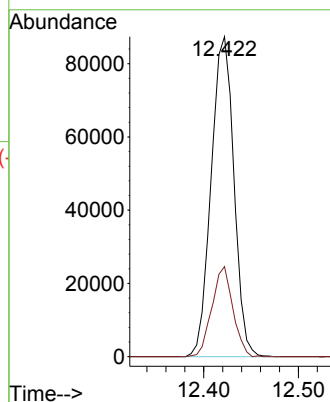
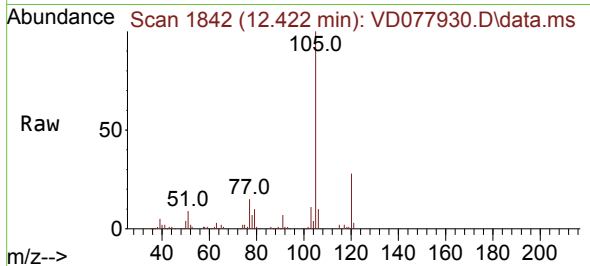




#73
Isopropylbenzene
Concen: 19.417 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

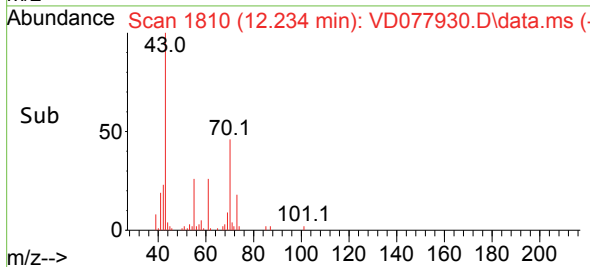
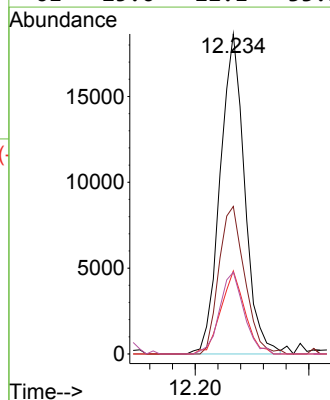
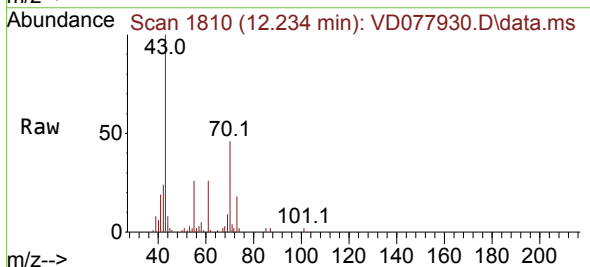
Instrument :
MSVOA_D
ClientSampleId :

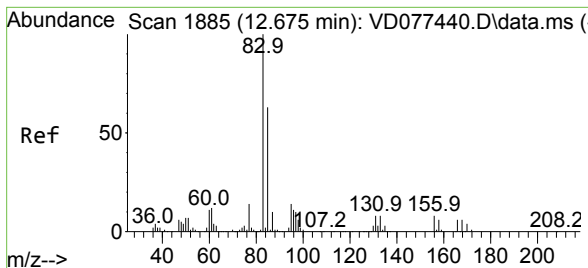
Tgt Ion:105 Resp: 145475
Ion Ratio Lower Upper
105 100
120 26.0 14.3 42.9



#74
N-ethyl acetate
Concen: 18.925 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion: 43 Resp: 27872
Ion Ratio Lower Upper
43 100
70 48.6 45.0 67.4
55 25.3 23.8 35.6
61 25.6 22.1 33.1

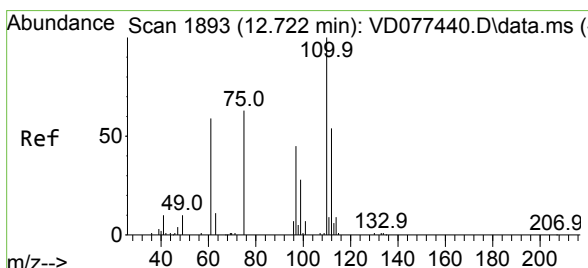
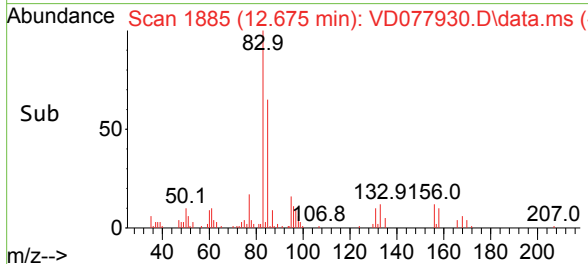
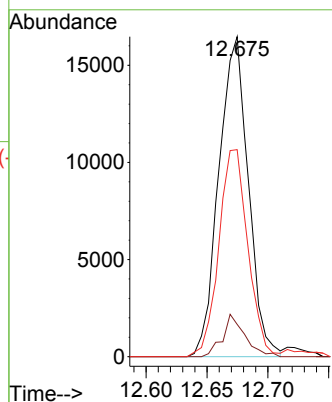
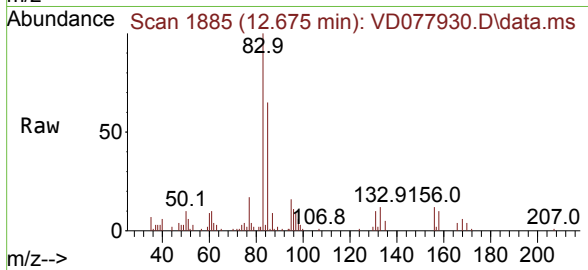




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.247 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD077930.D
 Acq: 16 Dec 2023 13:17

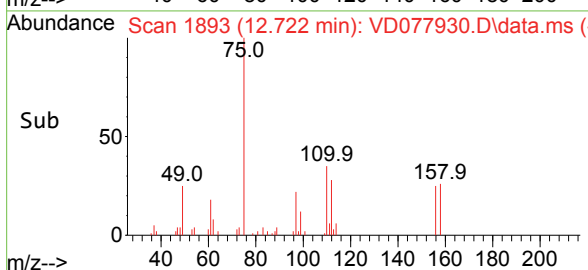
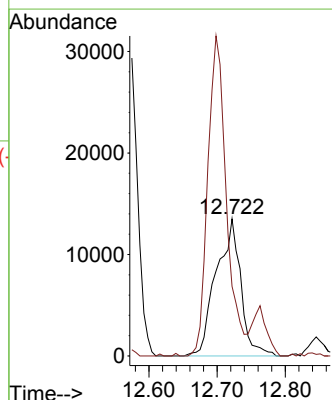
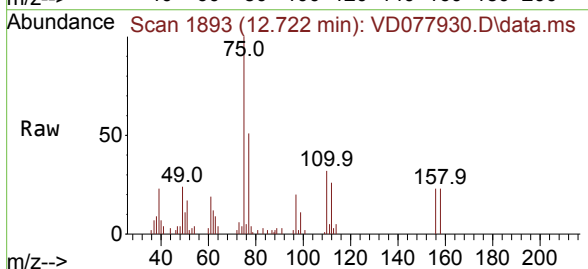
Instrument :
 MSVOA_D
 ClientSampleId :

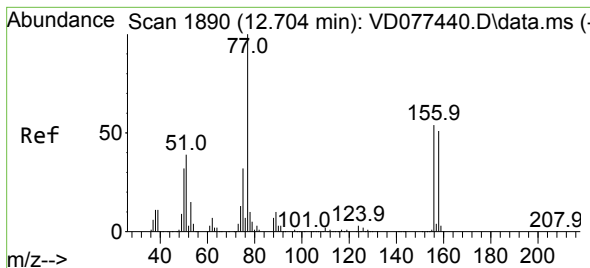
Tgt Ion: 83 Resp: 27756
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.1 15.3
 85 63.8 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 39.451 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VD077930.D
 Acq: 16 Dec 2023 13:17

Tgt Ion: 75 Resp: 33870
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.312 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

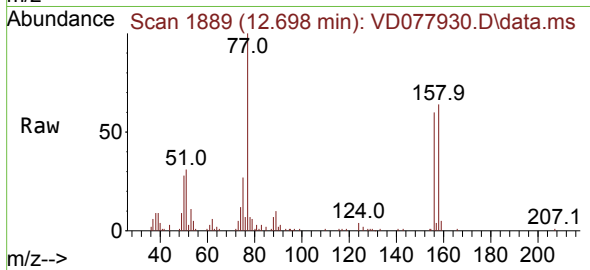
Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Instrument :

MSVOA_D

ClientSampleId :



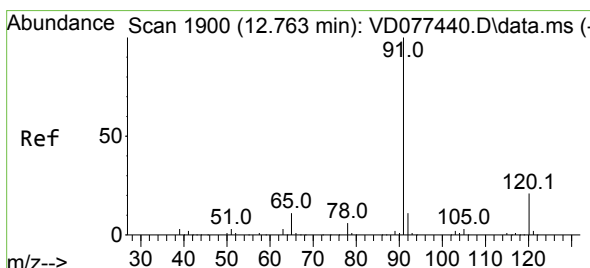
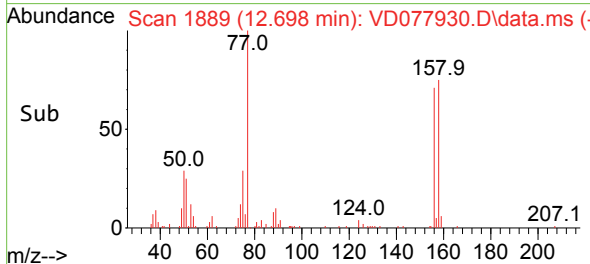
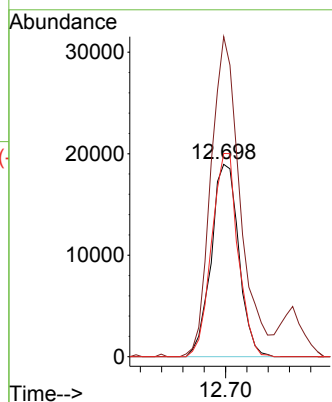
Tgt Ion:156 Resp: 34033

Ion Ratio Lower Upper

156 100

77 175.1 76.8 230.4

158 101.7 48.6 145.9



#78

n-propylbenzene

Concen: 20.142 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077930.D

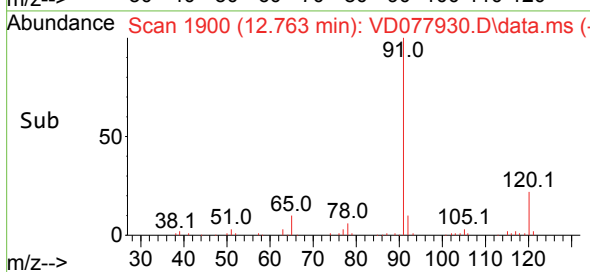
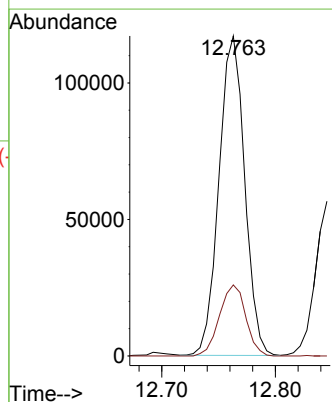
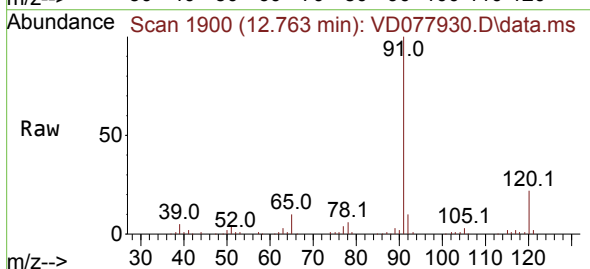
Acq: 16 Dec 2023 13:17

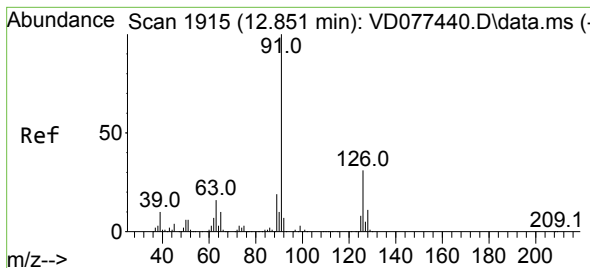
Tgt Ion: 91 Resp: 183887

Ion Ratio Lower Upper

91 100

120 22.7 12.4 37.2





#79

2-Chlorotoluene

Concen: 19.694 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Instrument :

MSVOA_D

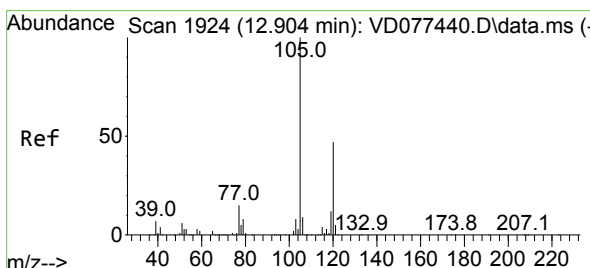
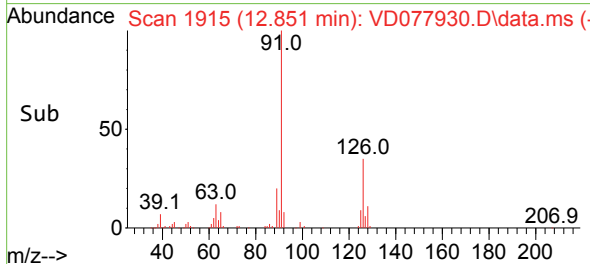
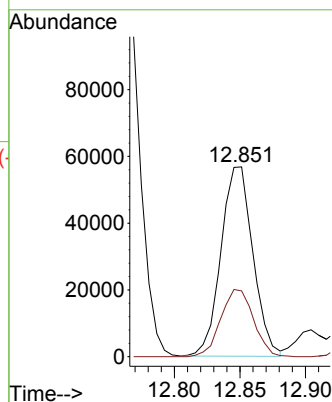
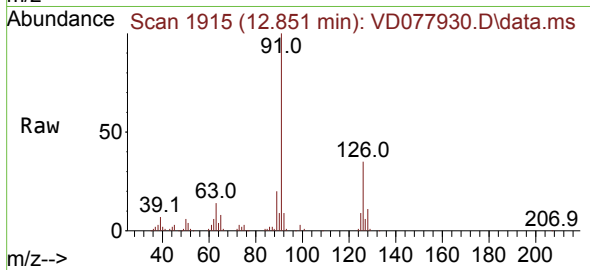
ClientSampleId :

Tgt Ion: 91 Resp: 96352

Ion Ratio Lower Upper

91 100

126 36.2 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 19.812 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077930.D

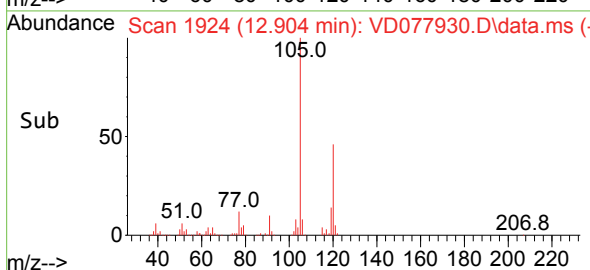
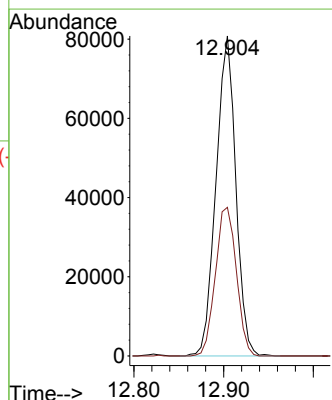
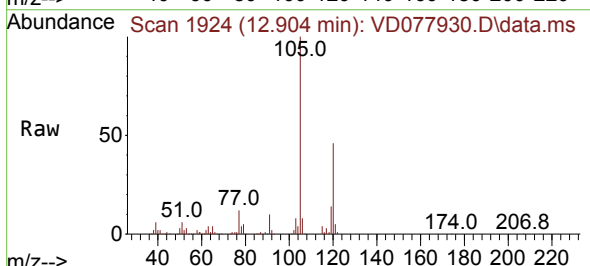
Acq: 16 Dec 2023 13:17

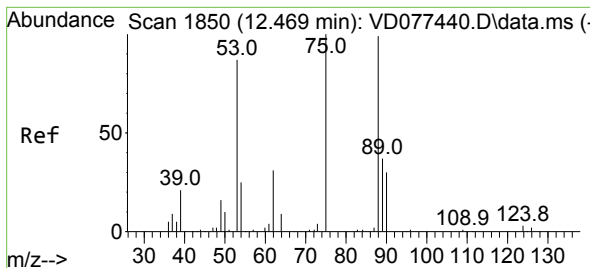
Tgt Ion: 105 Resp: 123800

Ion Ratio Lower Upper

105 100

120 49.2 26.4 79.2

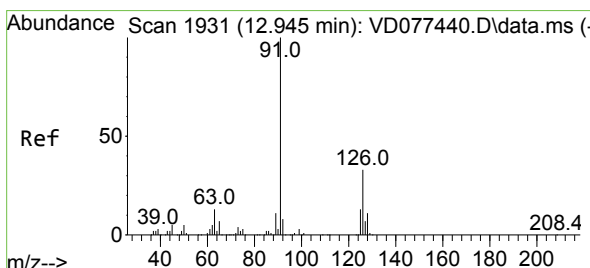
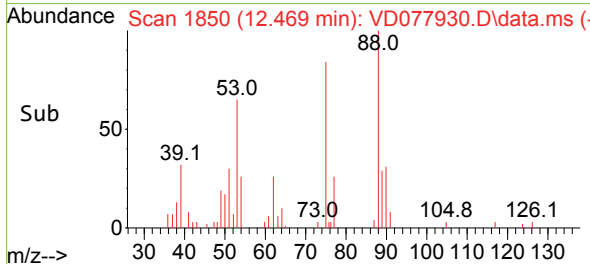
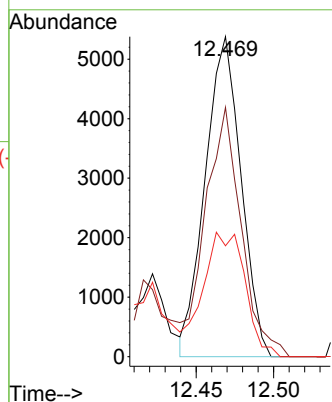
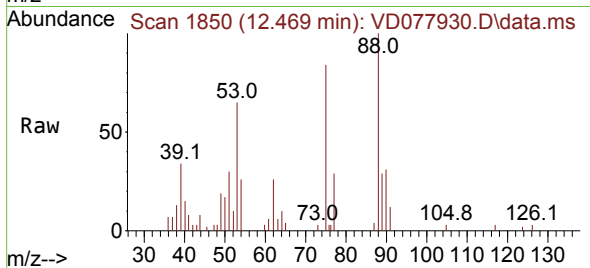




#81
trans-1,4-Dichloro-2-butene
Concen: 20.371 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

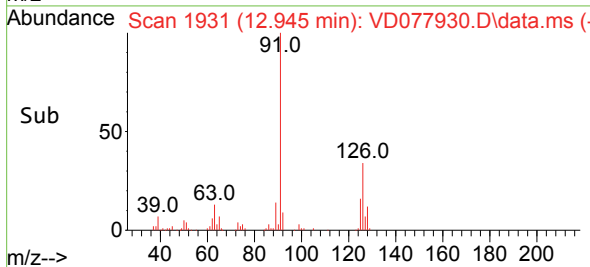
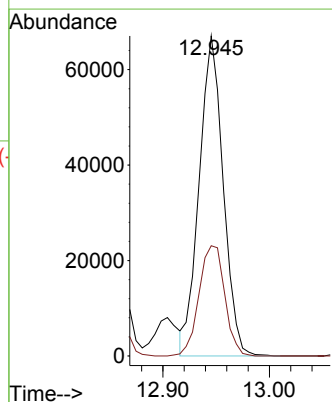
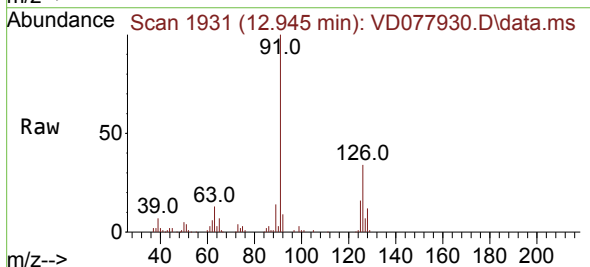
Instrument :
MSVOA_D
ClientSampleId :

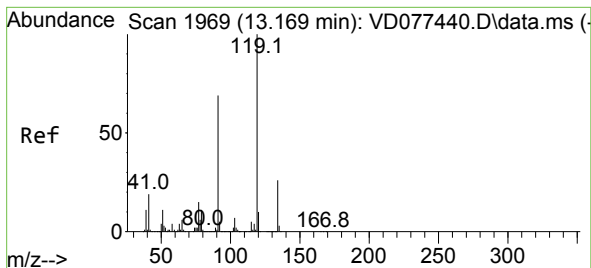
Tgt Ion: 75 Resp: 8632
Ion Ratio Lower Upper
75 100
53 78.0 63.0 94.4
89 45.6 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.567 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion: 91 Resp: 105194
Ion Ratio Lower Upper
91 100
126 36.9 19.4 58.4





#83

tert-Butylbenzene

Concen: 20.384 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Instrument :

MSVOA_D

ClientSampleId :

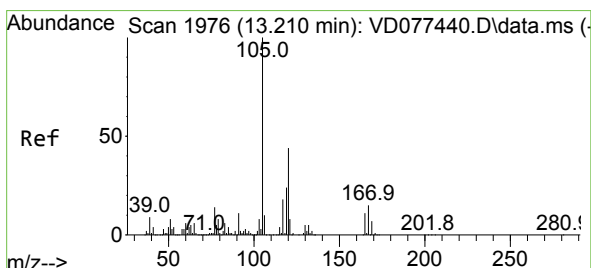
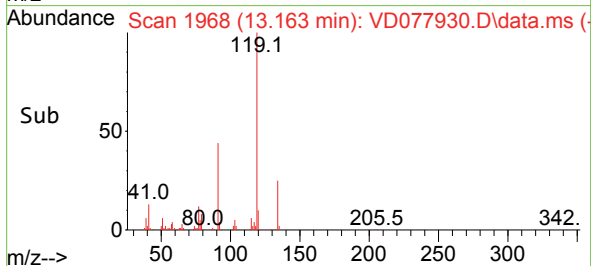
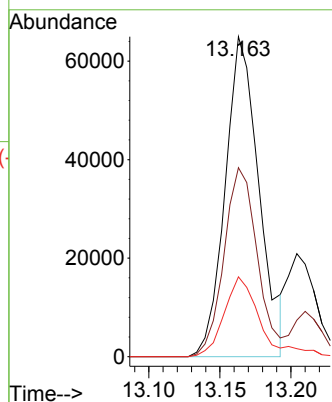
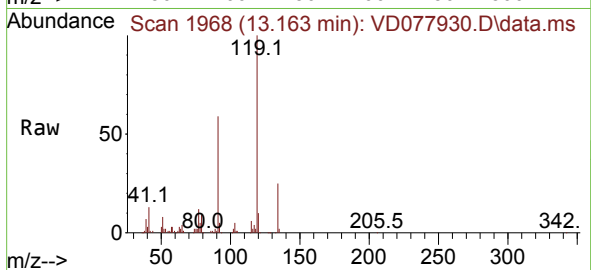
Tgt Ion:119 Resp: 107535

Ion Ratio Lower Upper

119 100

91 58.2 29.3 87.8

134 26.5 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 19.880 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077930.D

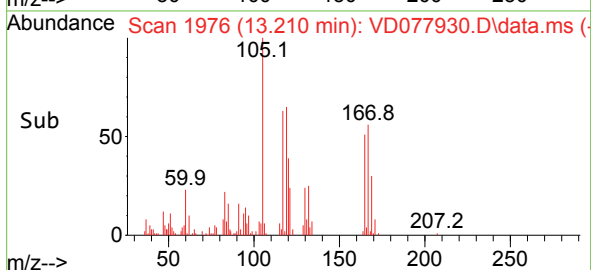
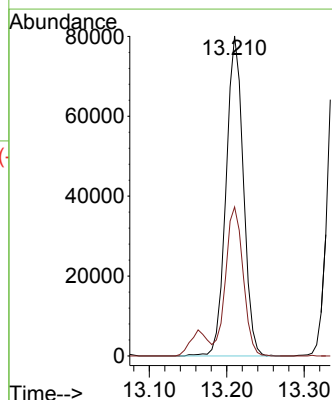
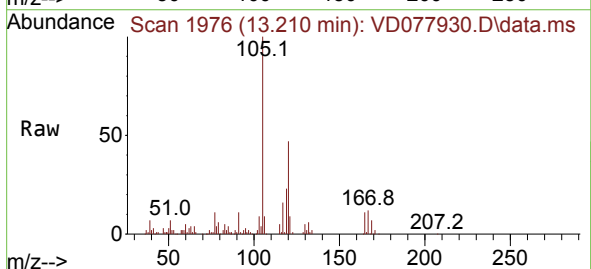
Acq: 16 Dec 2023 13:17

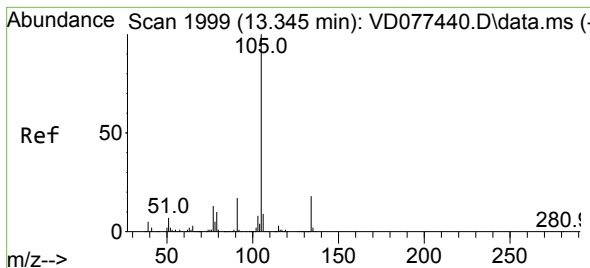
Tgt Ion:105 Resp: 124248

Ion Ratio Lower Upper

105 100

120 47.2 24.3 72.9





#85

sec-Butylbenzene

Concen: 20.011 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Instrument :

MSVOA_D

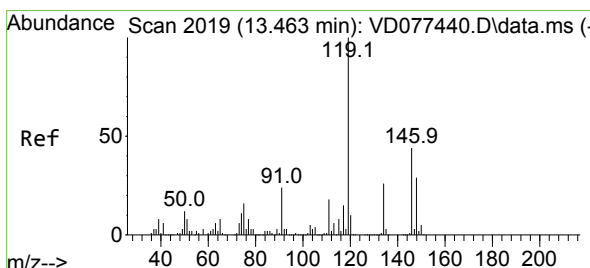
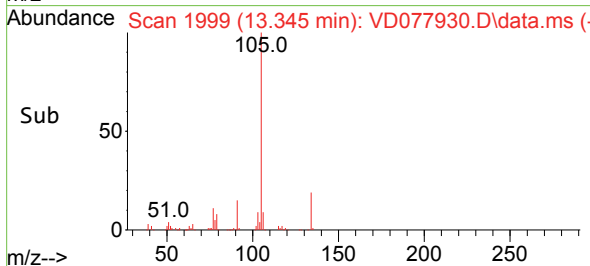
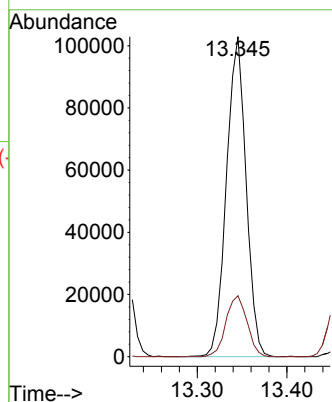
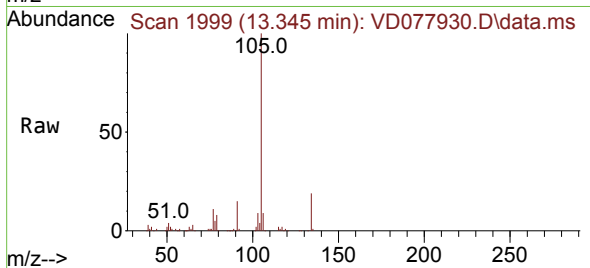
ClientSampleId :

Tgt Ion:105 Resp: 156040

Ion Ratio Lower Upper

105 100

134 20.5 10.9 32.9



#86

p-Isopropyltoluene

Concen: 19.638 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

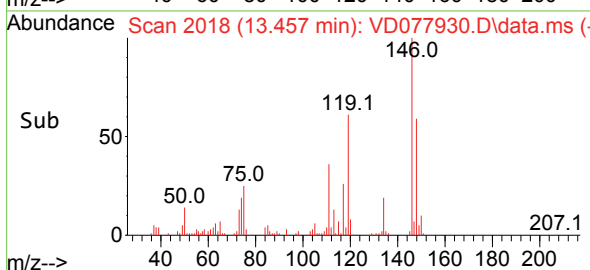
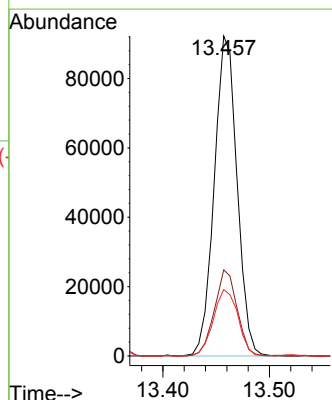
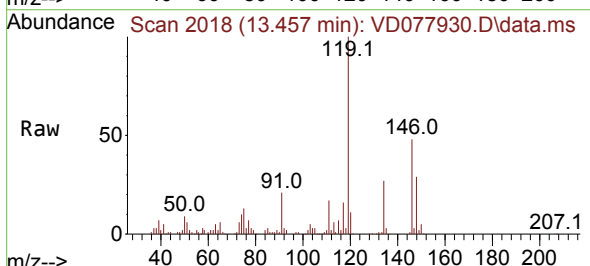
Tgt Ion:119 Resp: 137105

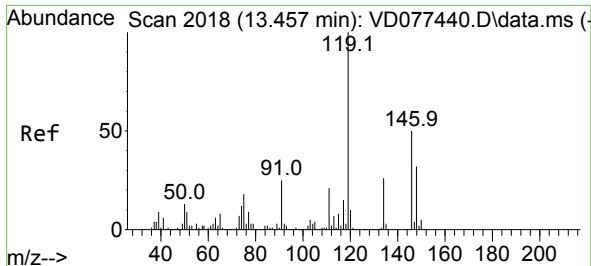
Ion Ratio Lower Upper

119 100

134 26.8 14.2 42.6

91 22.5 10.5 31.5

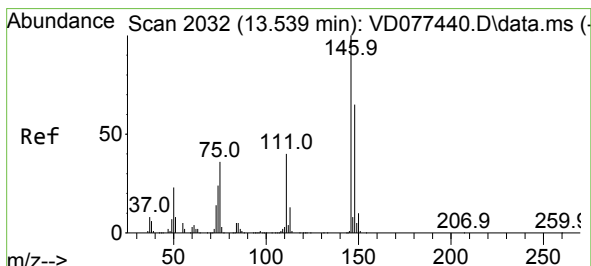
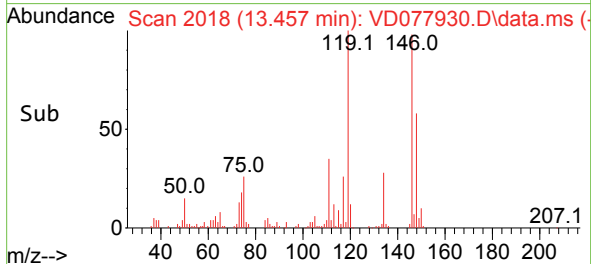
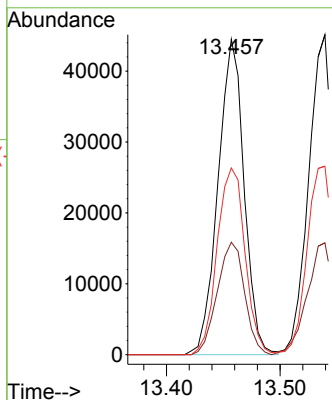
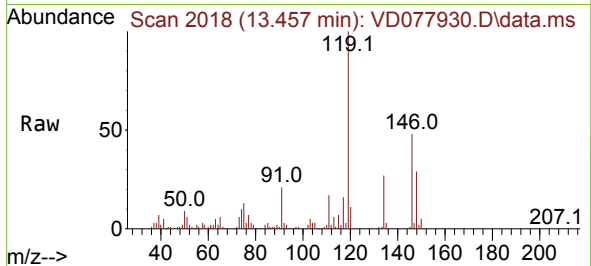




#87
1,3-Dichlorobenzene
Concen: 19.715 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

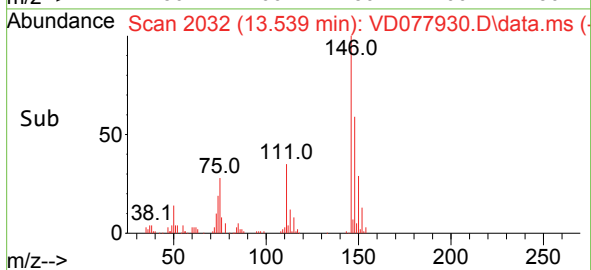
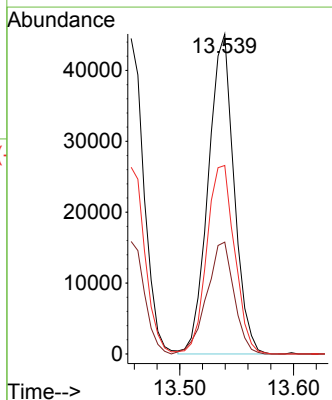
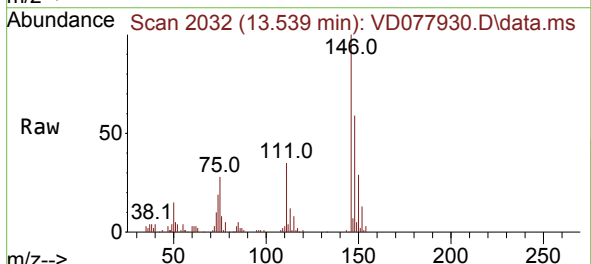
Instrument :
MSVOA_D
ClientSampleId :

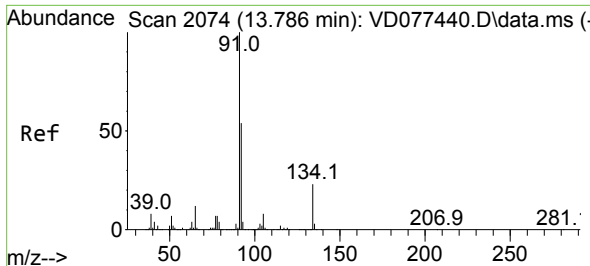
Tgt Ion:146 Resp: 71047
Ion Ratio Lower Upper
146 100
111 37.3 17.9 53.8
148 63.2 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 18.798 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

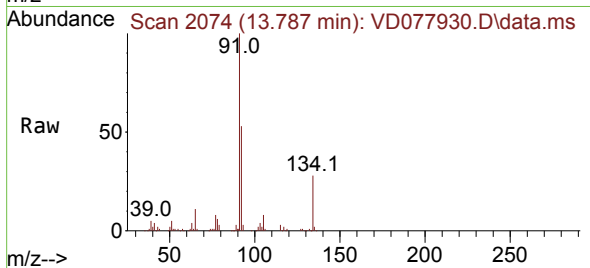
Tgt Ion:146 Resp: 71219
Ion Ratio Lower Upper
146 100
111 37.0 17.4 52.3
148 63.8 31.7 95.1



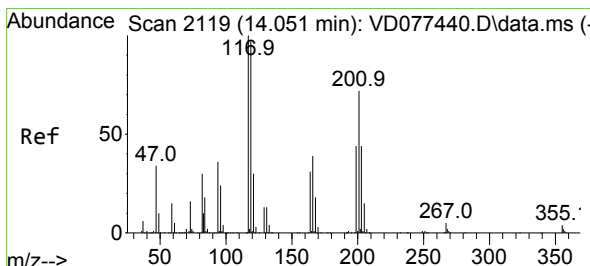
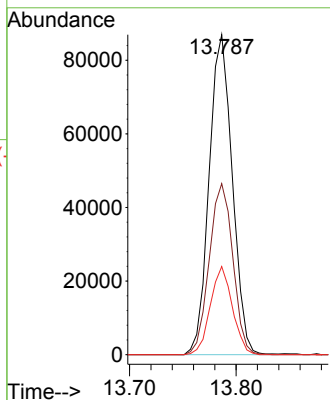
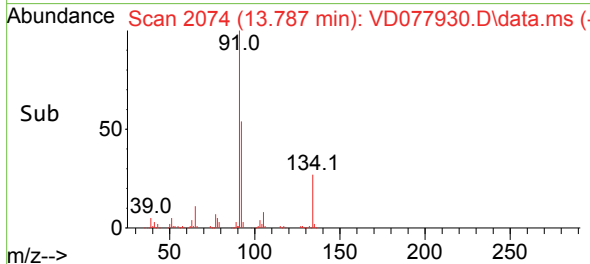


#89
n-Butylbenzene
Concen: 19.978 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.001 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Instrument :
MSVOA_D
ClientSampleId :

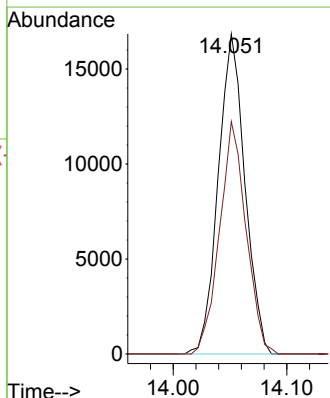
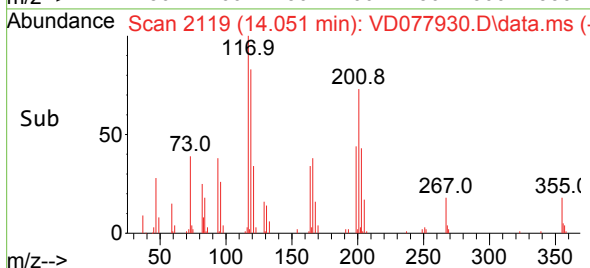
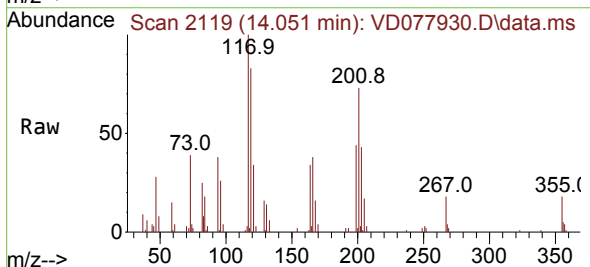


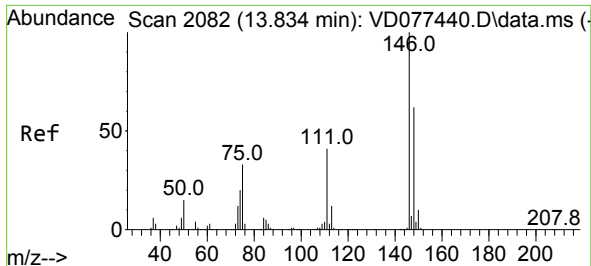
Tgt Ion: 91 Resp: 131243
Ion Ratio Lower Upper
91 100
92 54.4 26.5 79.5
134 26.2 13.8 41.3



#90
Hexachloroethane
Concen: 21.444 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion: 117 Resp: 27533
Ion Ratio Lower Upper
117 100
201 72.0 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 20.060 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077930.D

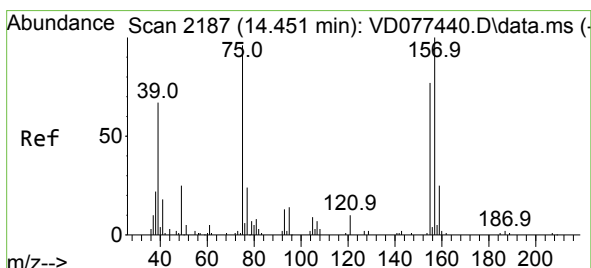
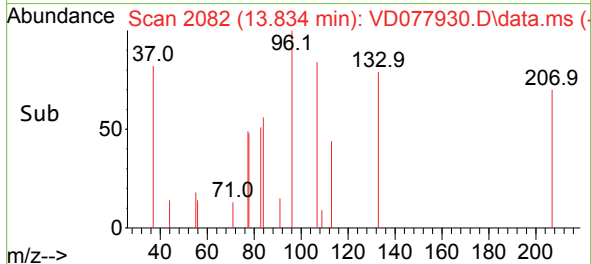
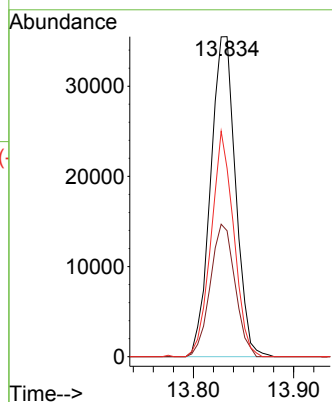
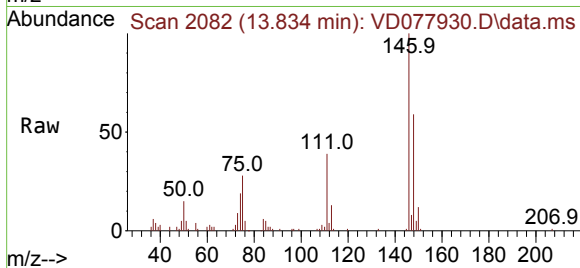
Acq: 16 Dec 2023 13:17

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:146	Resp:	61483
Ion Ratio	Lower	Upper
146	100	
111	41.0	18.3 54.8
148	63.6	31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.943 ug/l

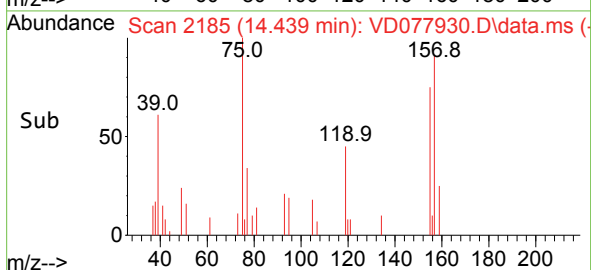
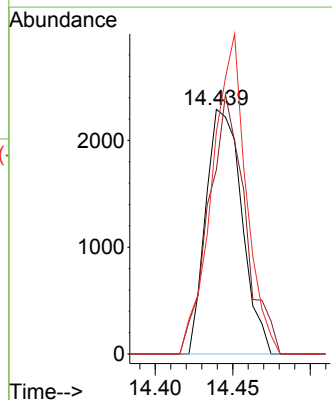
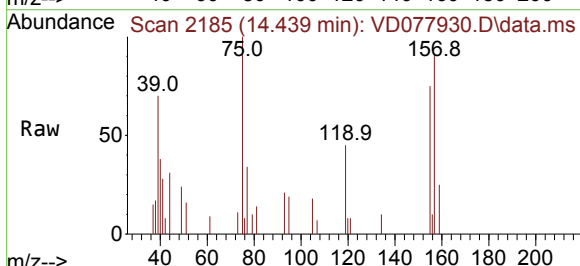
RT: 14.439 min Scan# 2185

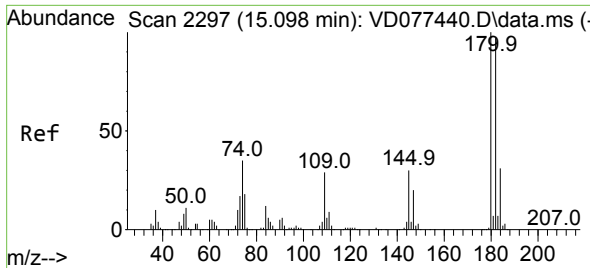
Delta R.T. -0.012 min

Lab File: VD077930.D

Acq: 16 Dec 2023 13:17

Tgt Ion: 75	Resp:	3700
Ion Ratio	Lower	Upper
75	100	
155	107.3	47.9 143.8
157	123.2	59.9 179.7

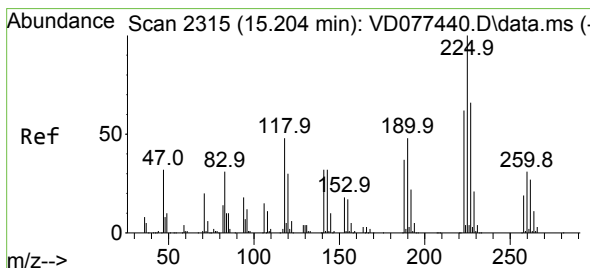
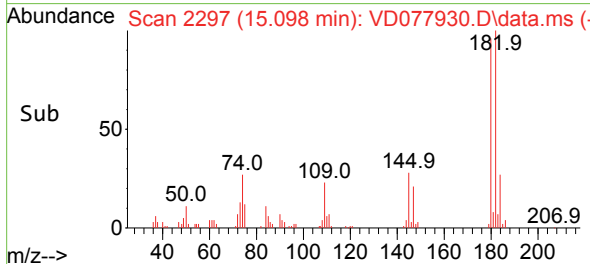
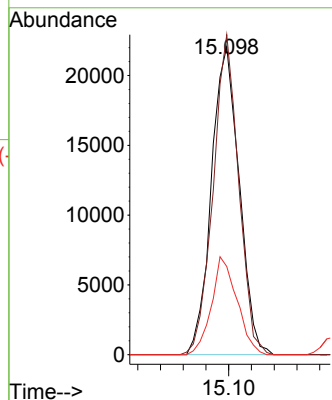
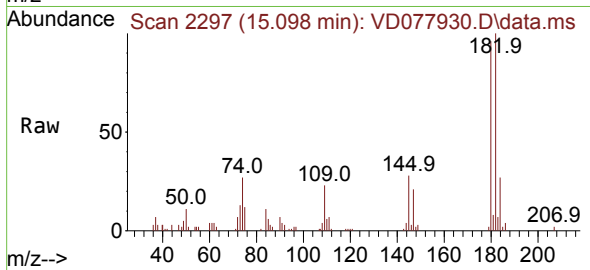




#93
1,2,4-Trichlorobenzene
Concen: 17.915 ug/l
RT: 15.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

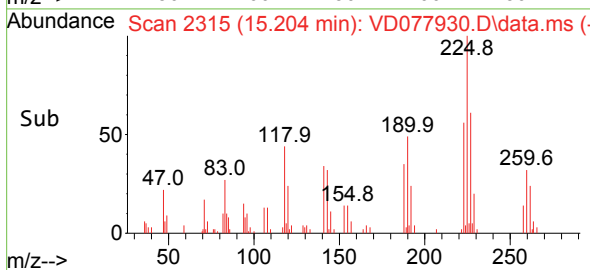
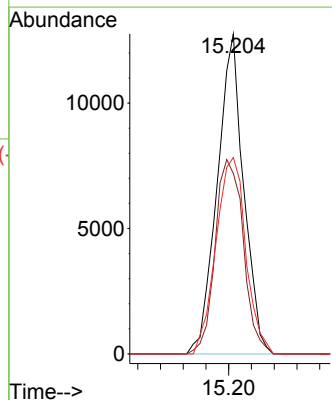
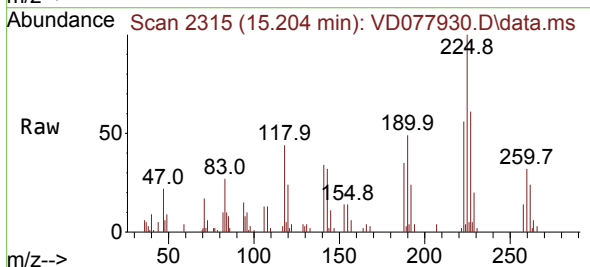
Instrument :
MSVOA_D
ClientSampleId :

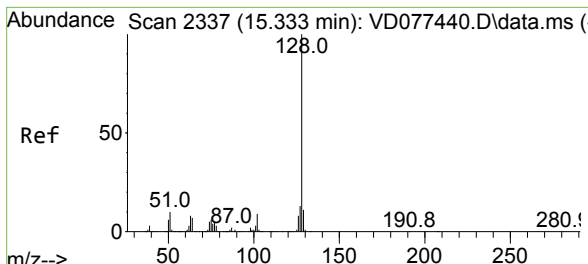
Tgt Ion:180 Resp: 37505
Ion Ratio Lower Upper
180 100
182 95.1 48.5 145.6
145 29.2 14.2 42.6



#94
Hexachlorobutadiene
Concen: 18.248 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077930.D
Acq: 16 Dec 2023 13:17

Tgt Ion:225 Resp: 20600
Ion Ratio Lower Upper
225 100
223 64.9 31.6 94.8
227 69.4 31.7 95.1

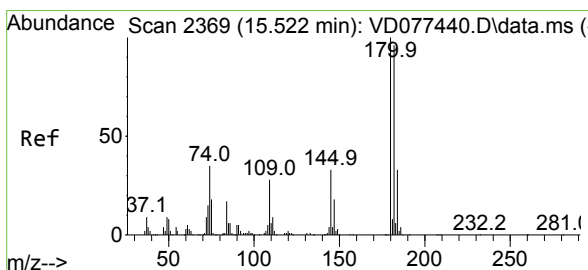
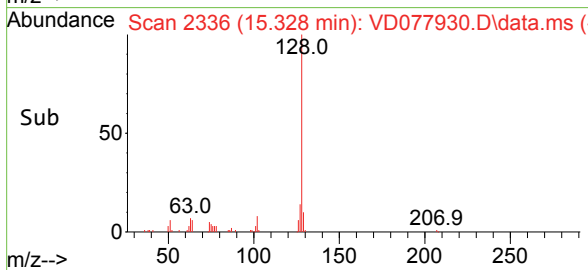
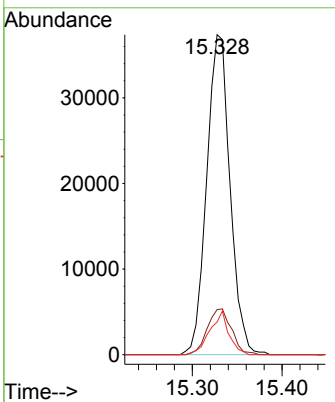
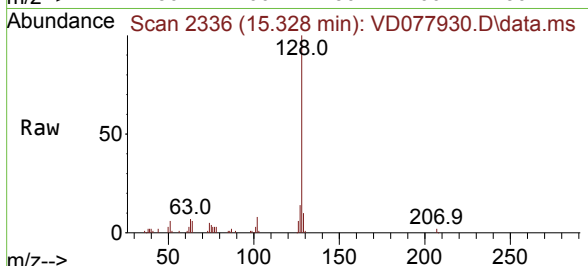




#95
 Naphthalene
 Concen: 19.417 ug/l
 RT: 15.328 min Scan# 2336
 Delta R.T. -0.005 min
 Lab File: VD077930.D
 Acq: 16 Dec 2023 13:17

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:128	Resp: 67541
Ion Ratio	Lower Upper
128	100
127	14.1 10.5 15.7
129	10.2 8.7 13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 19.110 ug/l
 RT: 15.516 min Scan# 2368
 Delta R.T. -0.006 min
 Lab File: VD077930.D
 Acq: 16 Dec 2023 13:17

Tgt Ion:180	Resp: 32983
Ion Ratio	Lower Upper
180	100
182	94.2 47.3 141.9
145	31.1 15.1 45.3

