

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
 Data File : VD077916.D
 Acq On : 15 Dec 2023 22:41
 Operator : RP/MD
 Sample : VD1215SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 16 05:09:39 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	107055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	196581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	181779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	90473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	73999	58.660	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.320%
35) Dibromofluoromethane	7.811	113	78589	57.073	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.140%
50) Toluene-d8	10.269	98	303404	55.014	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.020%
62) 4-Bromofluorobenzene	12.575	95	91150	55.281	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	25877	19.350	ug/l	99
3) Chloromethane	2.146	50	41856	22.962	ug/l	100
4) Vinyl Chloride	2.287	62	55298	22.346	ug/l	98
5) Bromomethane	2.693	94	38766	27.918	ug/l	99
6) Chloroethane	2.840	64	39240	23.259	ug/l	93
7) Trichlorofluoromethane	3.181	101	43583	19.123	ug/l	94
8) Diethyl Ether	3.599	74	13021	20.346	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.975	101	25174	19.308	ug/l	95
10) Methyl Iodide	4.164	142	25580	26.108	ug/l	92
11) Tert butyl alcohol	5.058	59	5856	89.145	ug/l #	85
12) 1,1-Dichloroethene	3.940	96	26703	20.751	ug/l	86
13) Acrolein	3.799	56	11957	89.604	ug/l	92
14) Allyl chloride	4.558	41	36099	20.397	ug/l #	86
15) Acrylonitrile	5.258	53	28719	104.811	ug/l	97
16) Acetone	4.022	43	32941	102.168	ug/l #	80
17) Carbon Disulfide	4.275	76	80365	18.459	ug/l	99
18) Methyl Acetate	4.570	43	20146	20.278	ug/l	95
19) Methyl tert-butyl Ether	5.317	73	56431	20.669	ug/l #	91
20) Methylene Chloride	4.805	84	39509	23.919	ug/l	89
21) trans-1,2-Dichloroethene	5.317	96	30538	20.952	ug/l #	80
22) Diisopropyl ether	6.216	45	76743	20.750	ug/l	89
23) Vinyl Acetate	6.158	43	180314	99.835	ug/l	96
24) 1,1-Dichloroethane	6.111	63	55109	22.003	ug/l	97
25) 2-Butanone	7.081	43	37968	100.513	ug/l	87
26) 2,2-Dichloropropane	7.069	77	41087	19.538	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	35796	22.824	ug/l	94
28) Bromochloromethane	7.428	49	20441	20.197	ug/l #	75
29) Tetrahydrofuran	7.446	42	19662	97.879	ug/l	90
30) Chloroform	7.599	83	56079	22.372	ug/l	94
31) Cyclohexane	7.881	56	42544	18.961	ug/l	91
32) 1,1,1-Trichloroethane	7.799	97	45533	20.605	ug/l	98
36) 1,1-Dichloropropene	8.011	75	39815	18.077	ug/l	92
37) Ethyl Acetate	7.175	43	15080	17.559	ug/l #	87
38) Carbon Tetrachloride	7.993	117	38352	17.466	ug/l	95
39) Methylcyclohexane	9.275	83	44390	17.000	ug/l	96
40) Benzene	8.252	78	122934	19.665	ug/l	100

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.411	41	10348	23.706	ug/l #	80
42) 1,2-Dichloroethane	8.328	62	32723	20.194	ug/l	97
43) Isopropyl Acetate	8.363	43	27769	18.189	ug/l #	85
44) Trichloroethene	9.028	130	30706	18.849	ug/l	100
45) 1,2-Dichloropropane	9.305	63	30721	20.215	ug/l	98
46) Dibromomethane	9.399	93	16717	20.790	ug/l	90
47) Bromodichloromethane	9.581	83	41933	20.575	ug/l #	95
48) Methyl methacrylate	9.381	41	15688	18.077	ug/l	84
49) 1,4-Dioxane	9.381	88	3060	383.253	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	71594	91.887	ug/l	91
52) Toluene	10.334	92	77649	20.024	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	38328	19.584	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	47128	19.916	ug/l #	86
55) 1,1,2-Trichloroethane	10.734	97	22604	20.552	ug/l	95
56) Ethyl methacrylate	10.599	69	17836	18.396	ug/l #	81
57) 1,3-Dichloropropane	10.875	76	39309	20.734	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	53221	96.255	ug/l	97
59) 2-Hexanone	10.922	43	55057	85.172	ug/l	87
60) Dibromochloromethane	11.075	129	27773	20.973	ug/l	99
61) 1,2-Dibromoethane	11.181	107	19820	19.144	ug/l	96
64) Tetrachloroethene	10.810	164	24884	18.625	ug/l	91
65) Chlorobenzene	11.610	112	80456	17.571	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	28909	19.125	ug/l	96
67) Ethyl Benzene	11.681	91	143394	18.947	ug/l	93
68) m/p-Xylenes	11.793	106	107153	37.016	ug/l	89
69) o-Xylene	12.116	106	50661	18.989	ug/l	93
70) Styrene	12.134	104	76559	19.299	ug/l	94
71) Bromoform	12.299	173	14785	18.719	ug/l #	98
73) Isopropylbenzene	12.422	105	131430	19.167	ug/l	97
74) N-amyl acetate	12.234	43	24273	18.008	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	25422	21.263	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	30556	38.887	ug/l #	100
77) Bromobenzene	12.704	156	32071	19.884	ug/l	90
78) n-propylbenzene	12.763	91	162577	19.457	ug/l	96
79) 2-Chlorotoluene	12.846	91	89331	19.950	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	112109	19.603	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.463	75	7343	18.934	ug/l	89
82) 4-Chlorotoluene	12.946	91	92469	19.753	ug/l	97
83) tert-Butylbenzene	13.169	119	93576	19.381	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	111747	19.536	ug/l	95
85) sec-Butylbenzene	13.346	105	135070	18.926	ug/l	97
86) p-Isopropyltoluene	13.463	119	120033	18.785	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	62722	19.016	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	64697	18.645	ug/l	97
89) n-Butylbenzene	13.787	91	112771	18.756	ug/l	97
90) Hexachloroethane	14.051	117	24519	20.865	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	55652	19.839	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3677	20.655	ug/l	81
93) 1,2,4-Trichlorobenzene	15.098	180	33210	17.332	ug/l	96
94) Hexachlorobutadiene	15.204	225	17604	17.038	ug/l	97
95) Naphthalene	15.328	128	60345	18.955	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	28525	18.058	ug/l	98

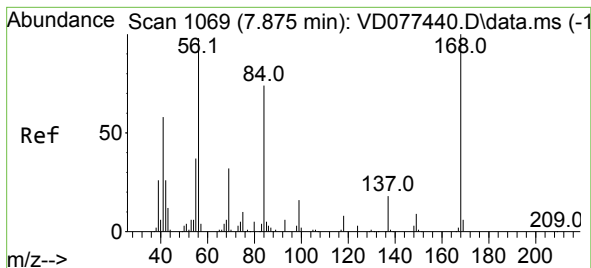
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077916.D

Acq: 15 Dec 2023 22:41

Instrument :

MSVOA_D

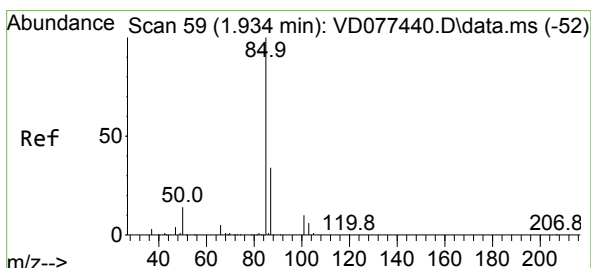
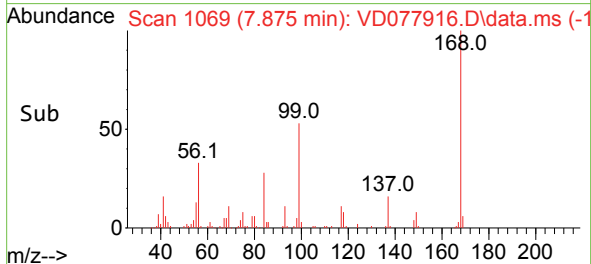
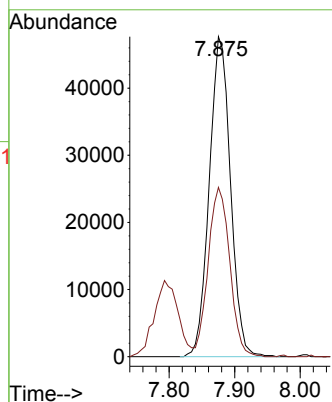
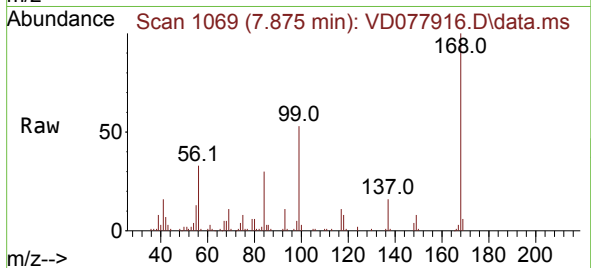
ClientSampleId :

Tgt Ion:168 Resp: 107055

Ion Ratio Lower Upper

168 100

99 52.6 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 19.350 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077916.D

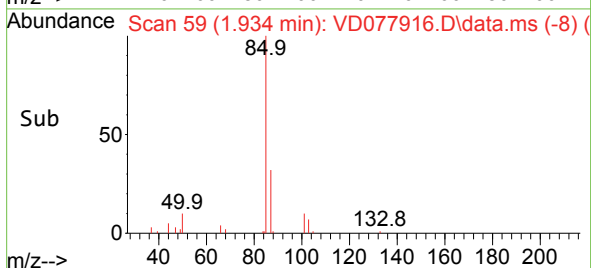
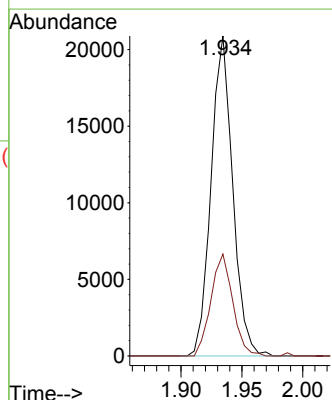
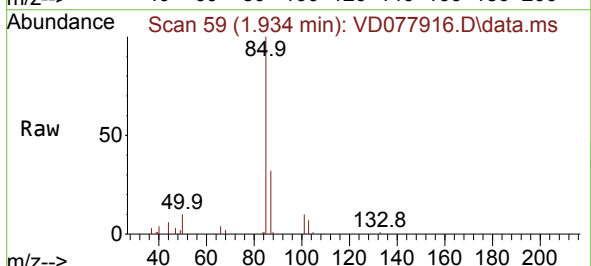
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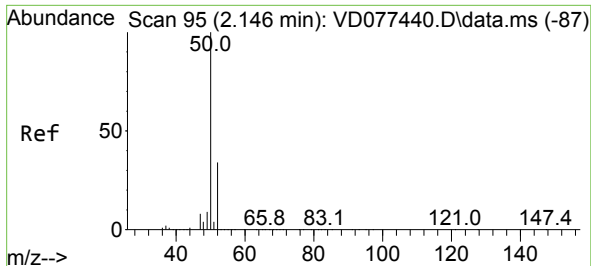
Tgt Ion: 85 Resp: 25877

Ion Ratio Lower Upper

85 100

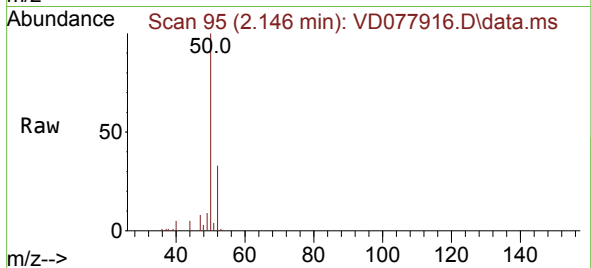
87 31.9 15.7 47.0



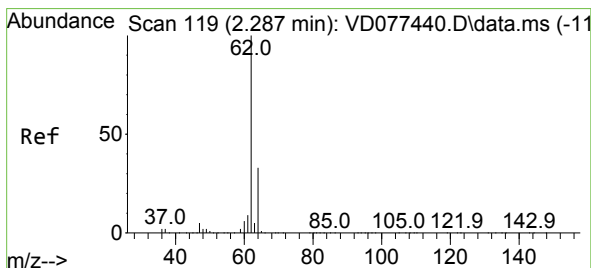
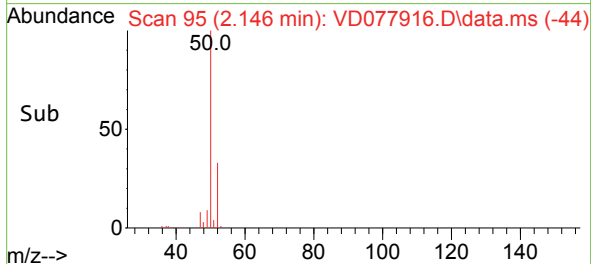
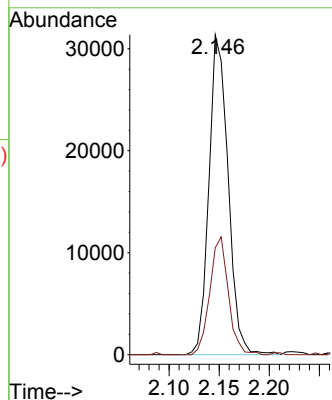


#3
Chloromethane
Concen: 22.962 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Instrument :
MSVOA_D
ClientSampleId :

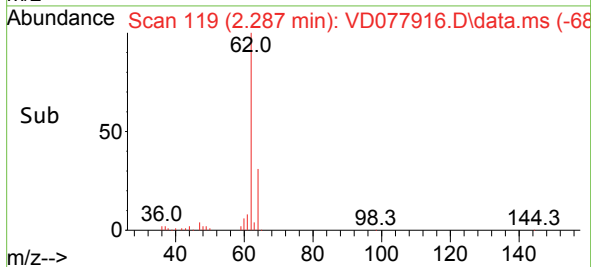
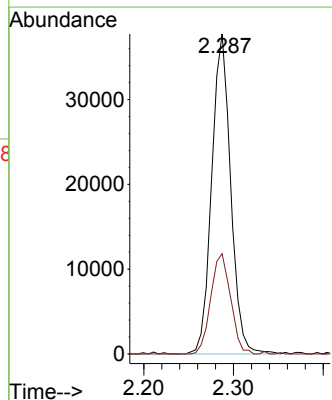
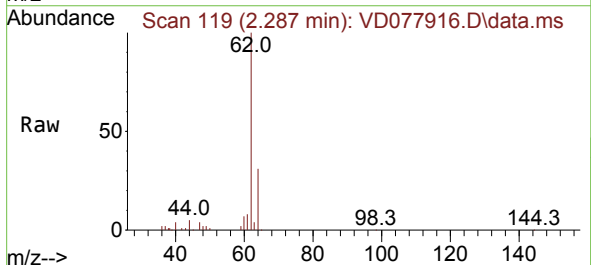


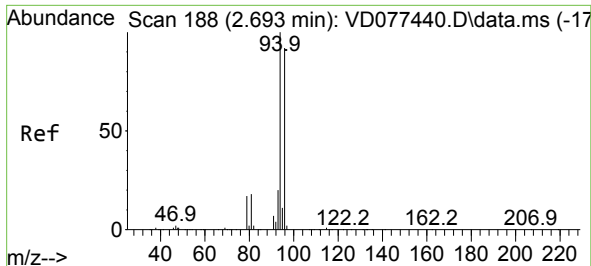
Tgt Ion: 50 Resp: 41856
Ion Ratio Lower Upper
50 100
52 33.4 26.6 40.0



#4
Vinyl Chloride
Concen: 22.346 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Tgt Ion: 62 Resp: 55298
Ion Ratio Lower Upper
62 100
64 31.3 26.0 39.0

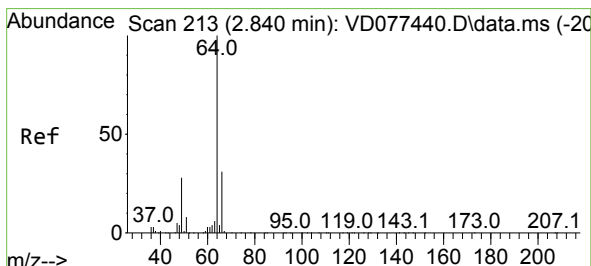
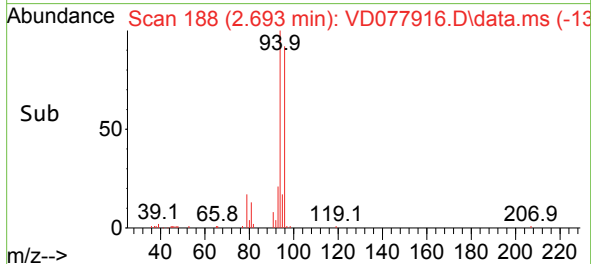
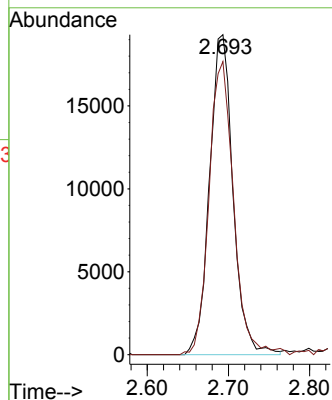
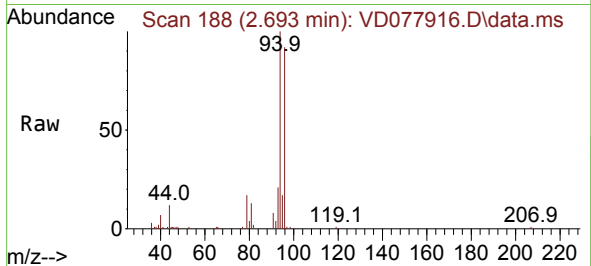




#5
Bromomethane
Concen: 27.918 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

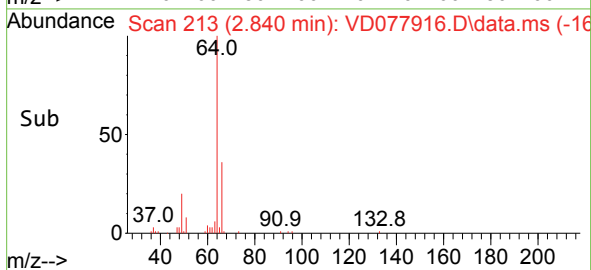
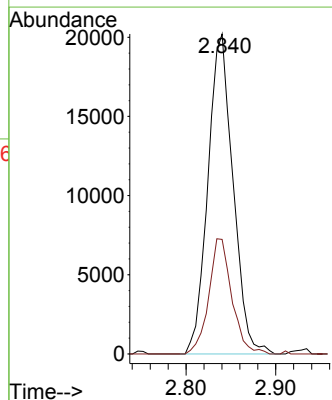
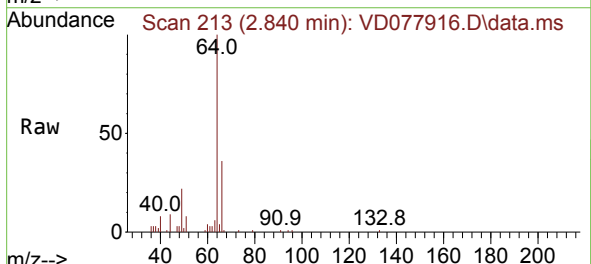
Instrument :
MSVOA_D
ClientSampleId :

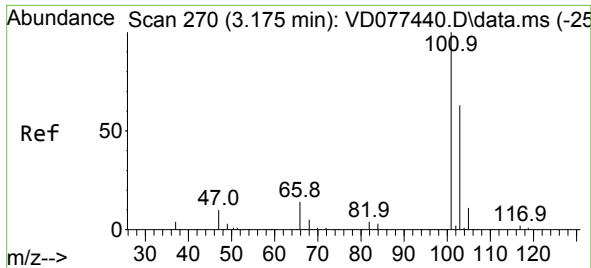
Tgt Ion: 94 Resp: 38766
Ion Ratio Lower Upper
94 100
96 95.9 75.8 113.8



#6
Chloroethane
Concen: 23.259 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Tgt Ion: 64 Resp: 39240
Ion Ratio Lower Upper
64 100
66 35.8 25.5 38.3

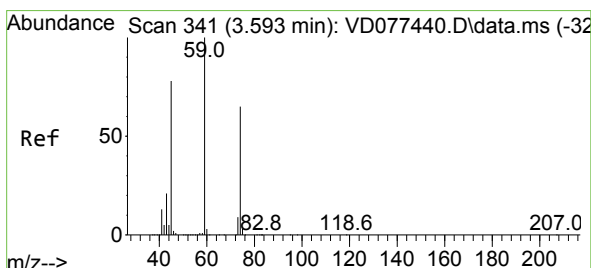
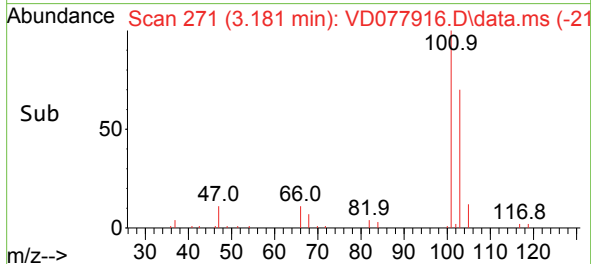
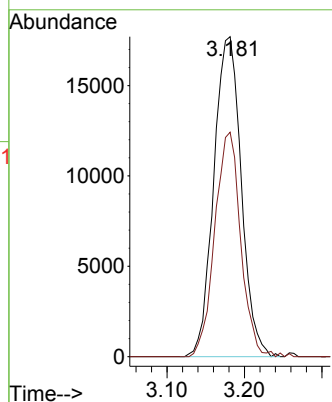
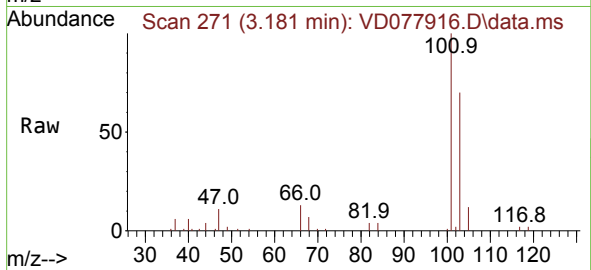




#7
Trichlorofluoromethane
Concen: 19.123 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

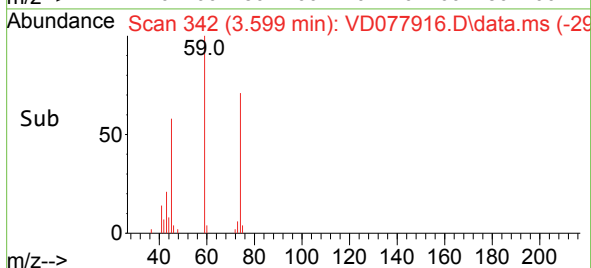
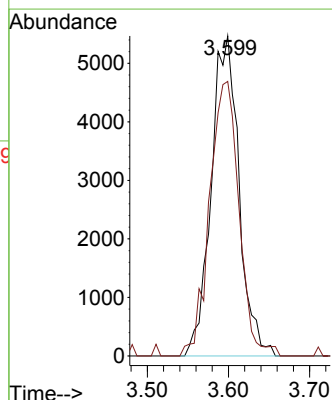
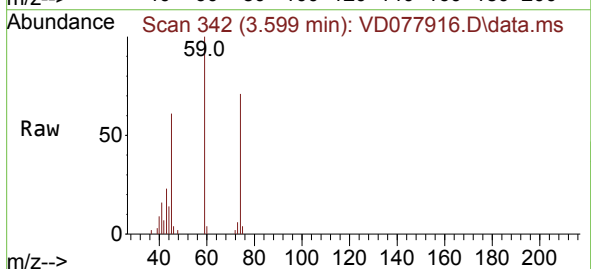
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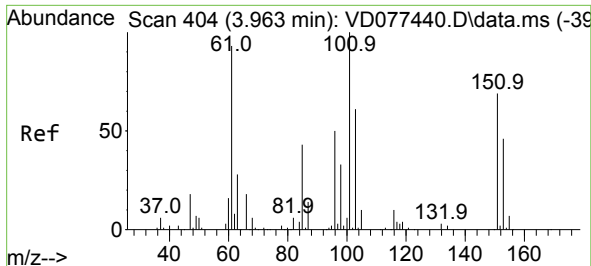
Tgt Ion:101 Resp: 43583
Ion Ratio Lower Upper
101 100
103 70.1 52.3 78.5



#8
Diethyl Ether
Concen: 20.346 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Tgt Ion: 74 Resp: 13021
Ion Ratio Lower Upper
74 100
45 90.7 37.5 112.7

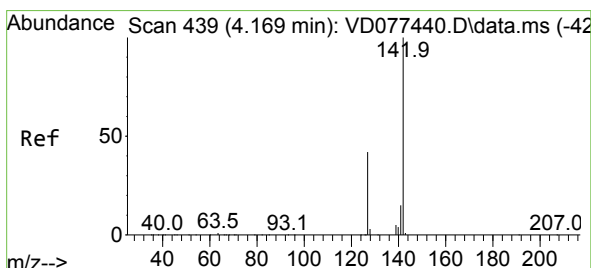
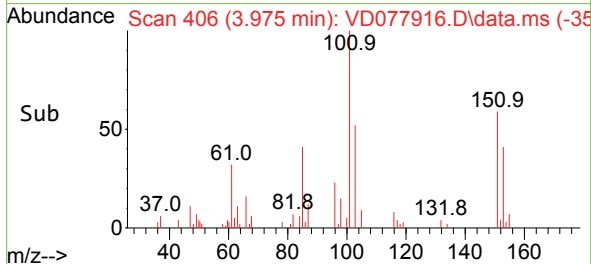
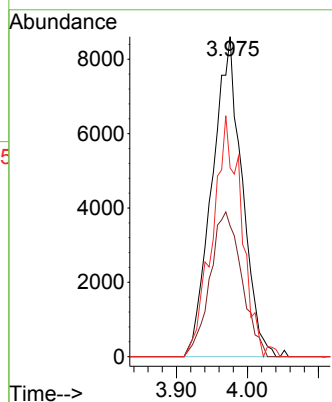
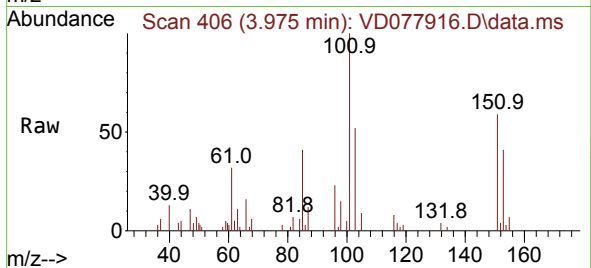




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.308 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

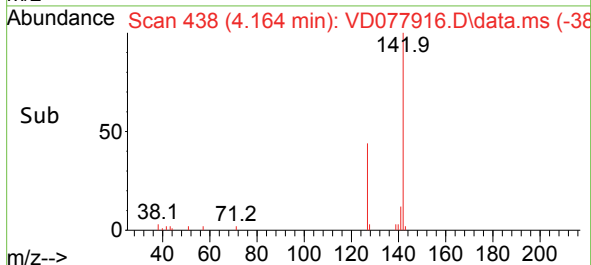
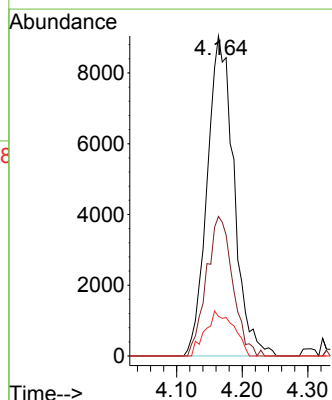
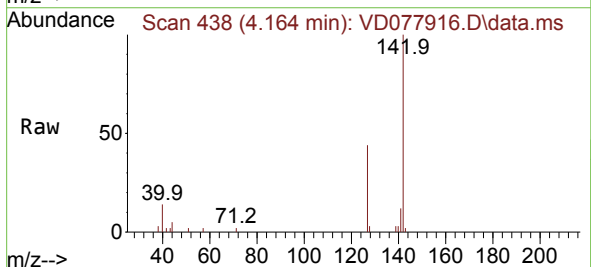
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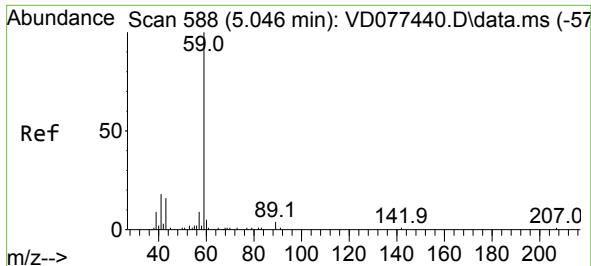
Tgt Ion:101 Resp: 25174
Ion Ratio Lower Upper
101 100
85 47.8 33.8 50.6
151 72.2 59.8 89.6



#10
Methyl Iodide
Concen: 26.108 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Tgt Ion:142 Resp: 25580
Ion Ratio Lower Upper
142 100
127 43.0 29.4 44.0
141 14.8 11.1 16.7

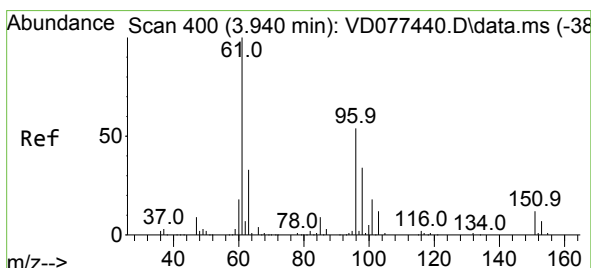
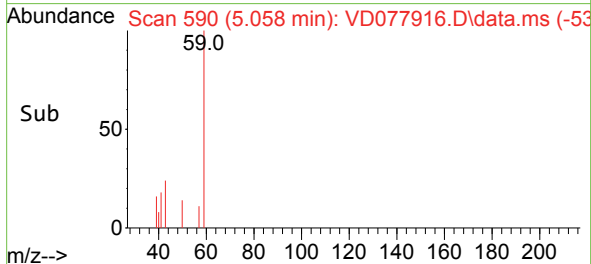
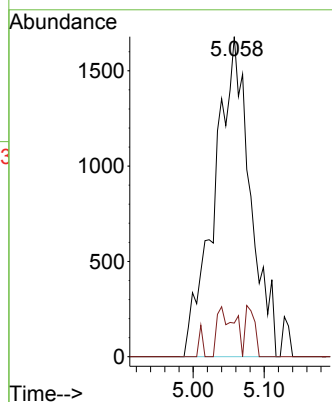
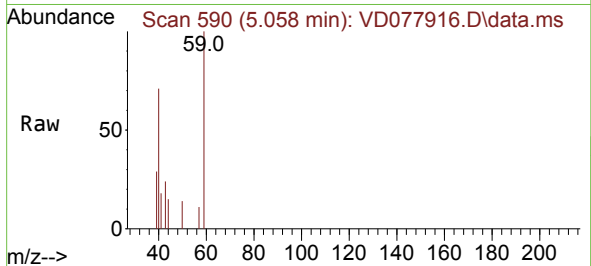




#11
Tert butyl alcohol
Concen: 89.145 ug/l
RT: 5.058 min Scan# 588
Delta R.T. 0.012 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

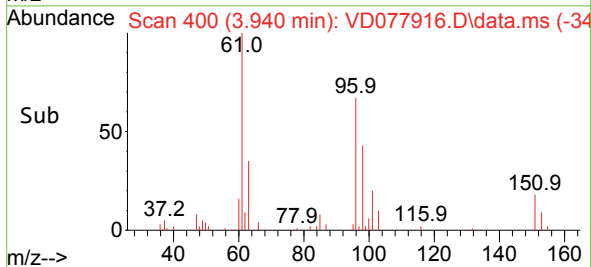
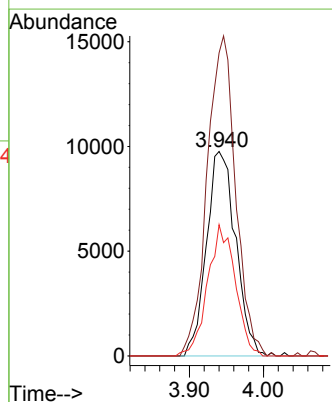
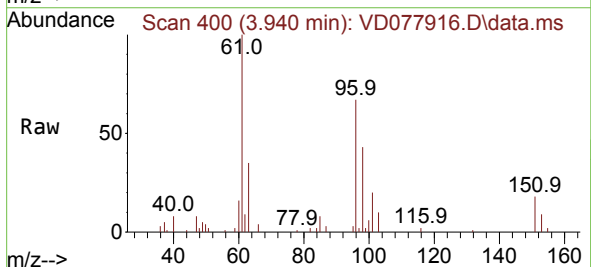
Instrument :
MSVOA_D
ClientSampleId :

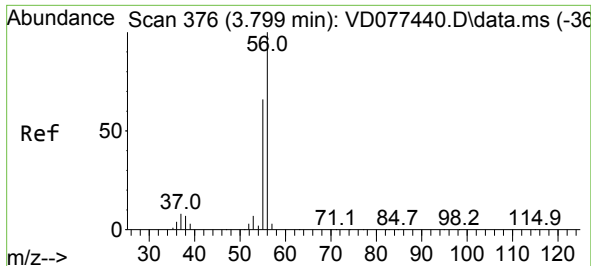
Tgt Ion: 59 Resp: 5856
Ion Ratio Lower Upper
59 100
57 4.2 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 20.751 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

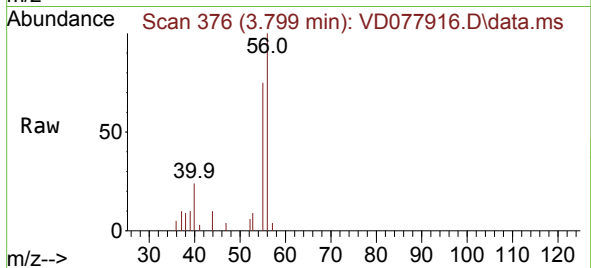
Tgt Ion: 96 Resp: 26703
Ion Ratio Lower Upper
96 100
61 148.2 100.6 150.8
98 64.1 50.2 75.2



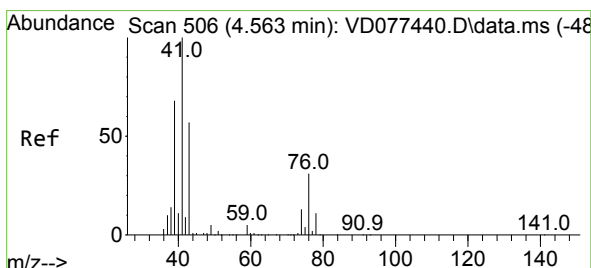
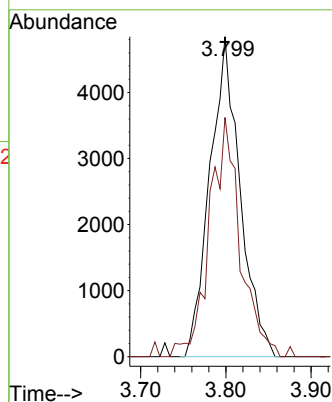
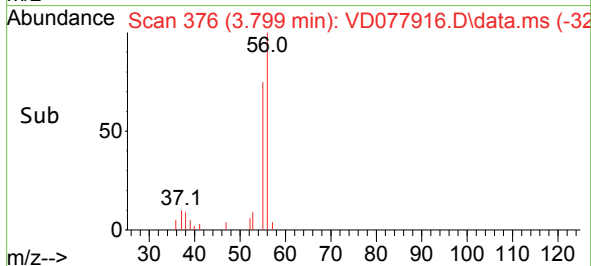


#13
Acrolein
Concen: 89.604 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Instrument :
MSVOA_D
ClientSampleId :

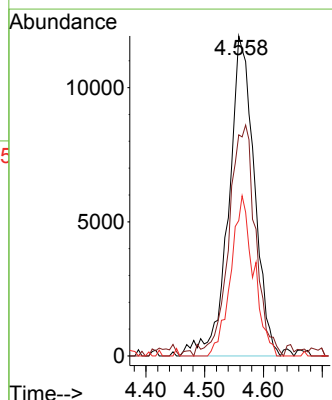
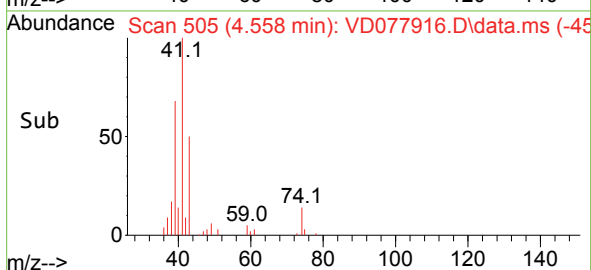
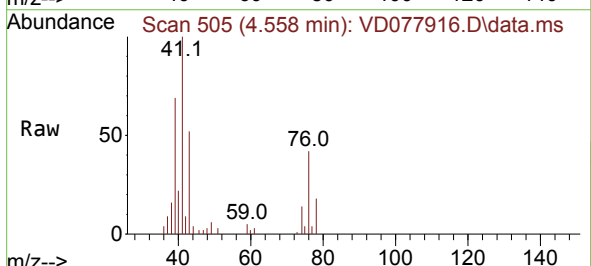


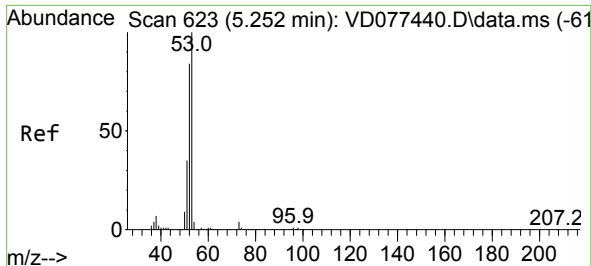
Tgt Ion: 56 Resp: 11957
Ion Ratio Lower Upper
56 100
55 75.6 55.1 82.7



#14
Allyl chloride
Concen: 20.397 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

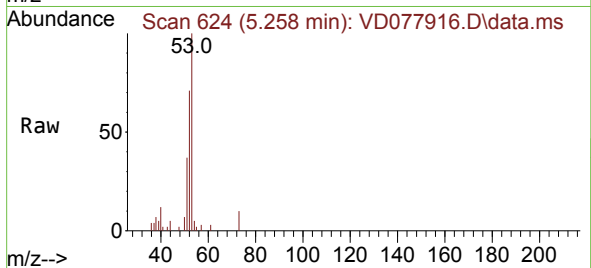
Tgt Ion: 41 Resp: 36099
Ion Ratio Lower Upper
41 100
39 75.9 53.8 80.6
76 44.8 45.8 68.8#



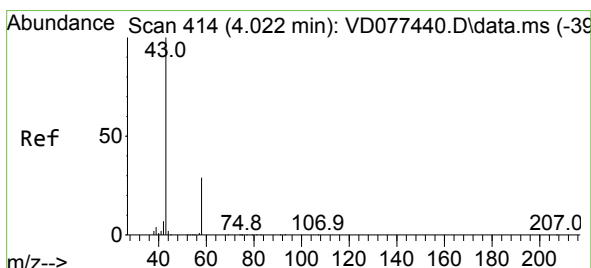
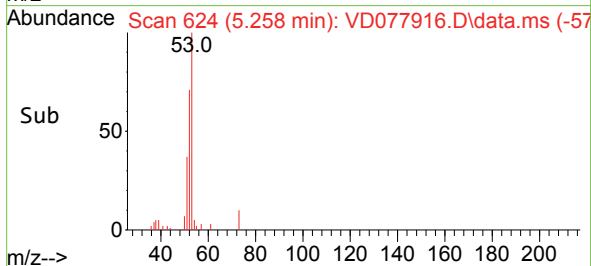
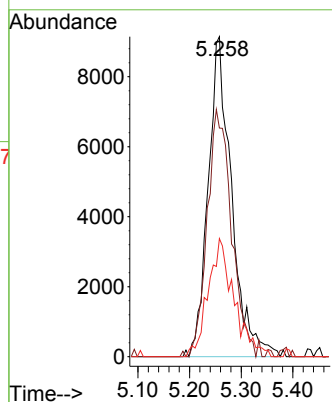


#15
Acrylonitrile
Concen: 104.811 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Instrument :
MSVOA_D
ClientSampleId :

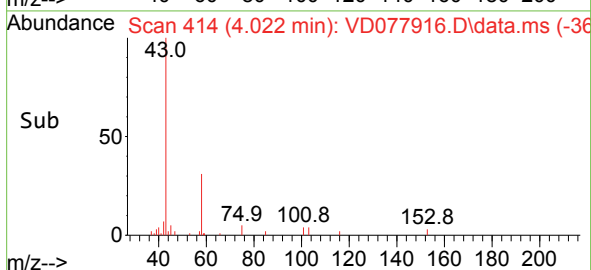
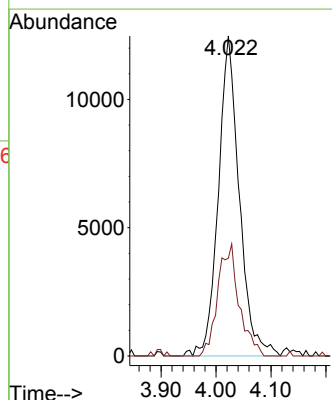
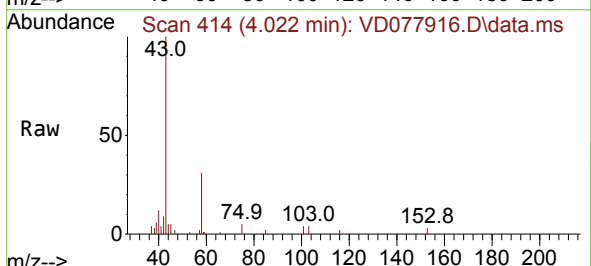


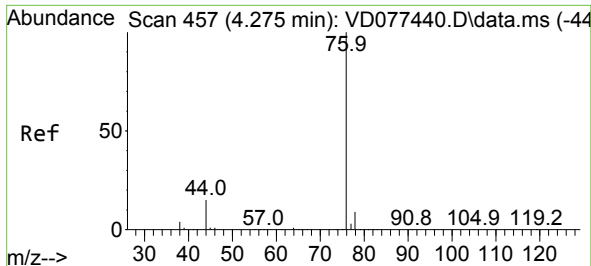
Tgt Ion: 53 Resp: 28719
Ion Ratio Lower Upper
53 100
52 80.7 65.0 97.4
51 40.9 28.3 42.5



#16
Acetone
Concen: 102.168 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Tgt Ion: 43 Resp: 32941
Ion Ratio Lower Upper
43 100
58 30.6 34.7 52.1#

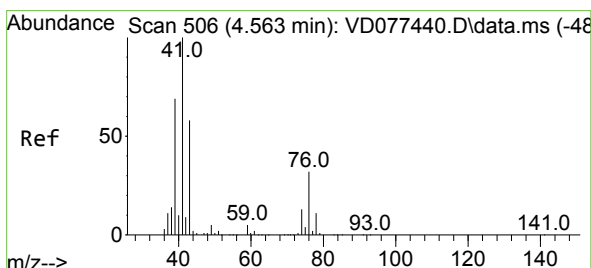
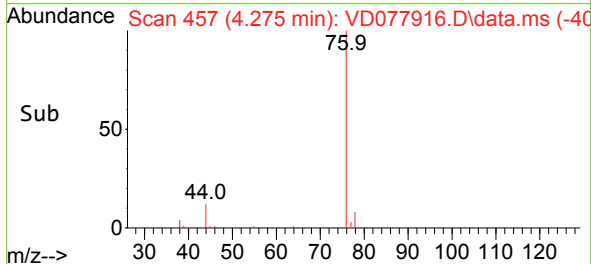
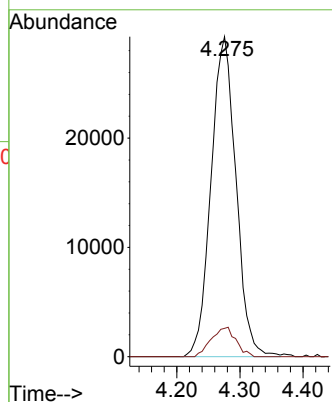
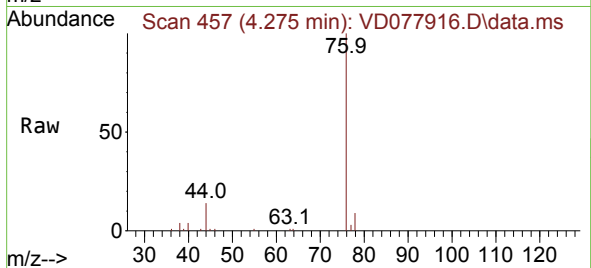




#17
Carbon Disulfide
Concen: 18.459 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

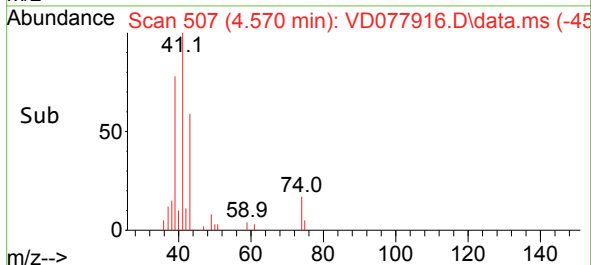
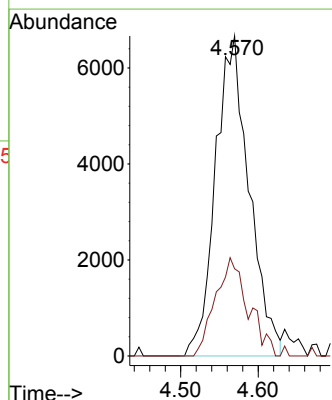
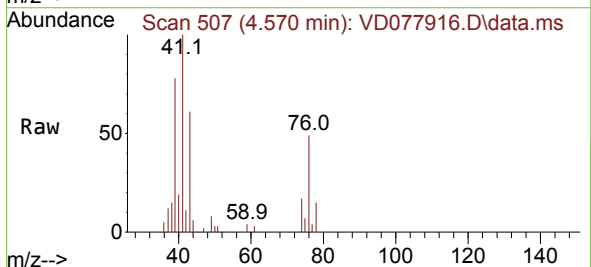
Instrument :
MSVOA_D
ClientSampleId :

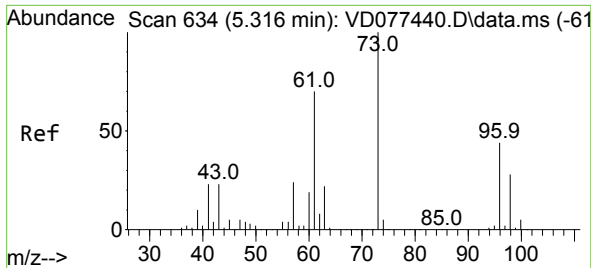
Tgt Ion: 76 Resp: 80365
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 20.278 ug/l
RT: 4.570 min Scan# 507
Delta R.T. 0.007 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Tgt Ion: 43 Resp: 20146
Ion Ratio Lower Upper
43 100
74 30.0 26.4 39.6

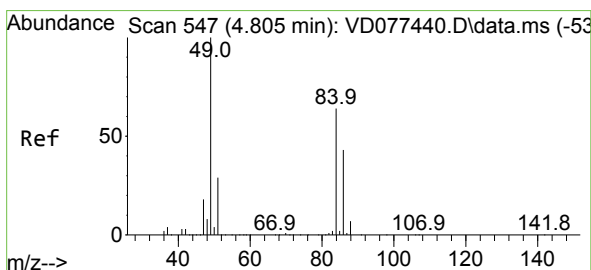
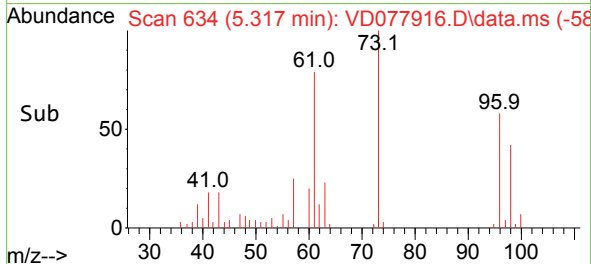
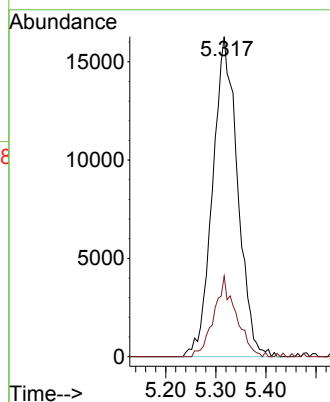
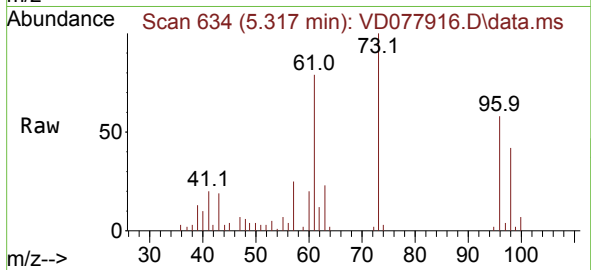




#19
Methyl tert-butyl Ether
Concen: 20.669 ug/l
RT: 5.317 min Scan# 61
Delta R.T. 0.001 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

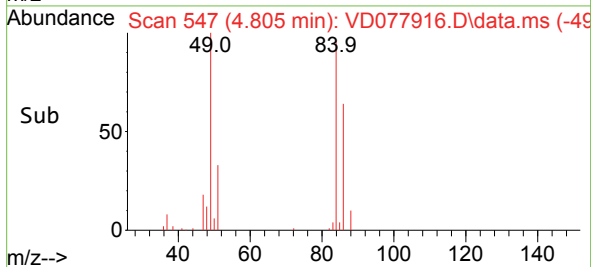
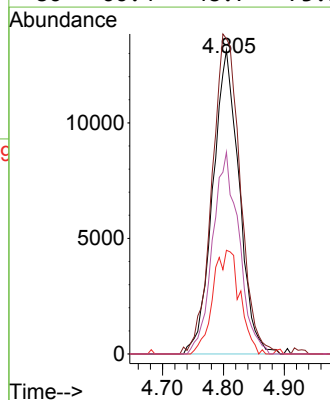
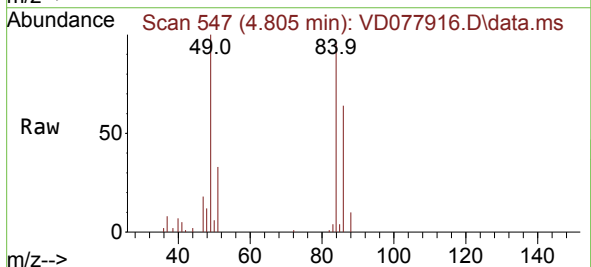
Instrument :
MSVOA_D
ClientSampleId :

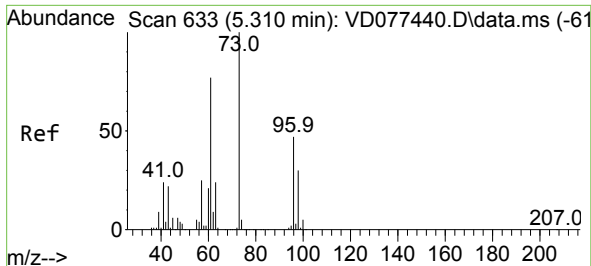
Tgt Ion: 73 Resp: 56431
Ion Ratio Lower Upper
73 100
57 25.2 16.6 25.0#



#20
Methylene Chloride
Concen: 23.919 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

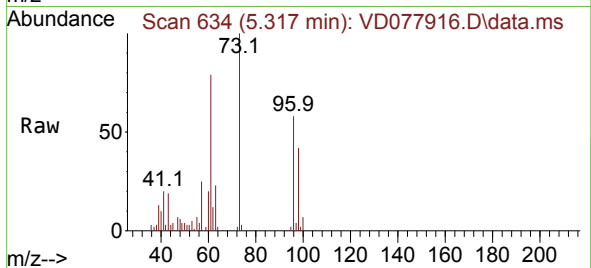
Tgt Ion: 84 Resp: 39509
Ion Ratio Lower Upper
84 100
49 103.7 71.4 107.2
51 34.1 24.5 36.7
86 66.4 48.7 73.1



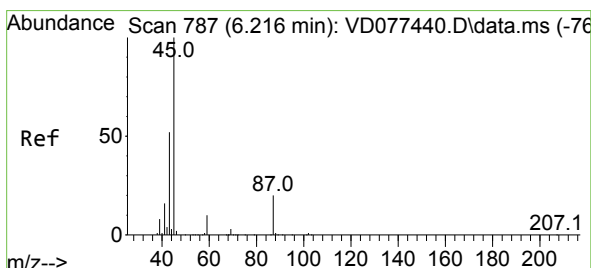
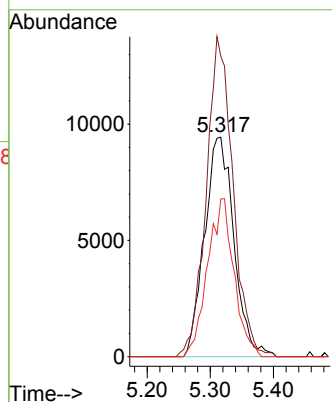
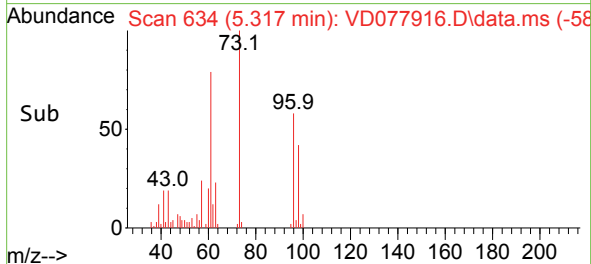


#21
trans-1,2-Dichloroethene
Concen: 20.952 ug/l
RT: 5.317 min Scan# 61
Delta R.T. 0.007 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Instrument :
MSVOA_D
ClientSampleId :

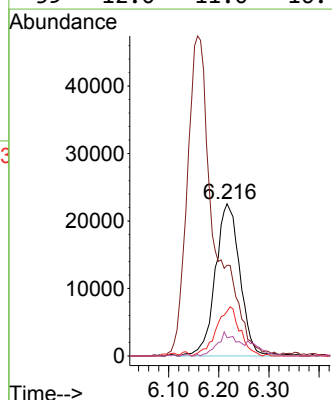
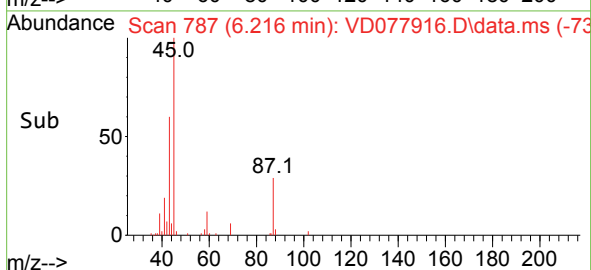
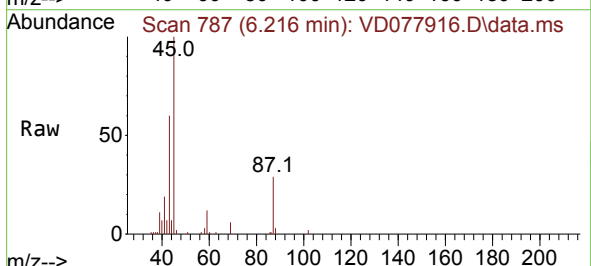


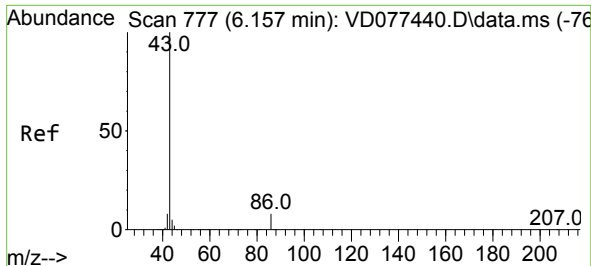
Tgt Ion: 96 Resp: 30538
Ion Ratio Lower Upper
96 100
61 136.8 89.3 133.9#
98 71.9 48.6 73.0



#22
Diisopropyl ether
Concen: 20.750 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Tgt Ion: 45 Resp: 76743
Ion Ratio Lower Upper
45 100
43 58.6 40.0 60.0
87 29.4 28.2 42.4
59 12.0 11.0 16.4

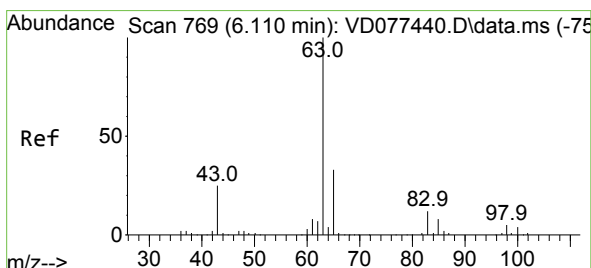
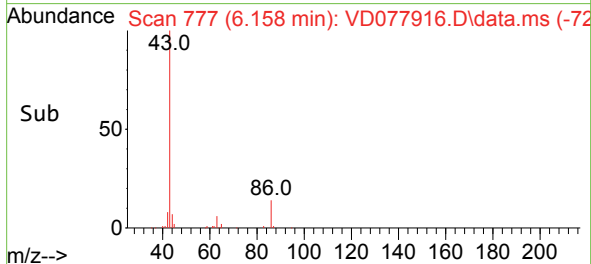
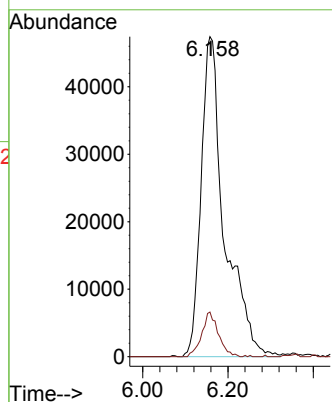
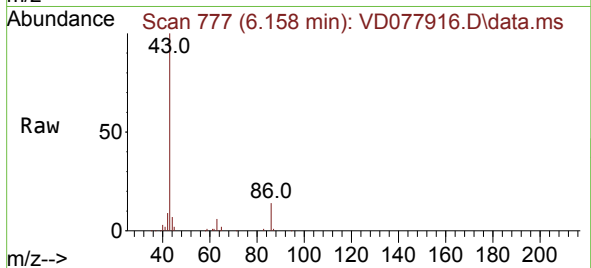




#23
 Vinyl Acetate
 Concen: 99.835 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. 0.001 min
 Lab File: VD077916.D
 Acq: 15 Dec 2023 22:41

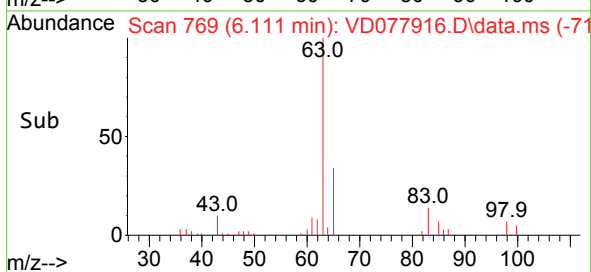
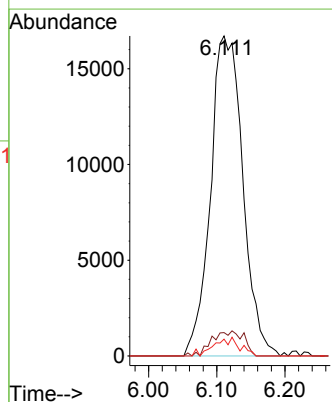
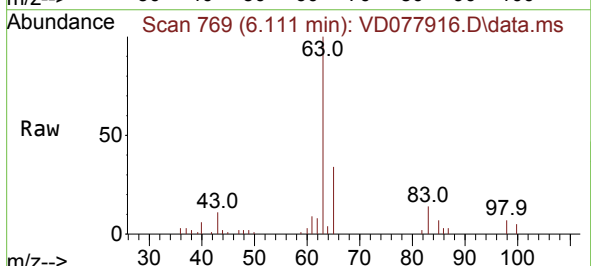
Instrument :
 MSVOA_D
 ClientSampleId :

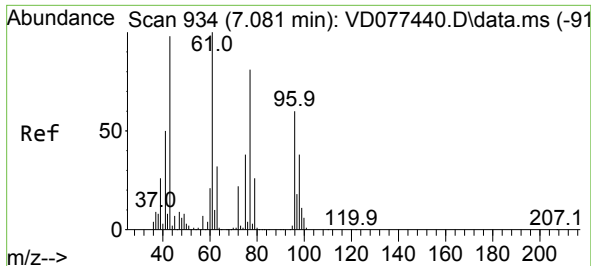
Tgt Ion: 43 Resp: 180314
 Ion Ratio Lower Upper
 43 100
 86 14.0 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 22.003 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.001 min
 Lab File: VD077916.D
 Acq: 15 Dec 2023 22:41

Tgt Ion: 63 Resp: 55109
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.5 13.7
 100 5.2 2.5 7.5

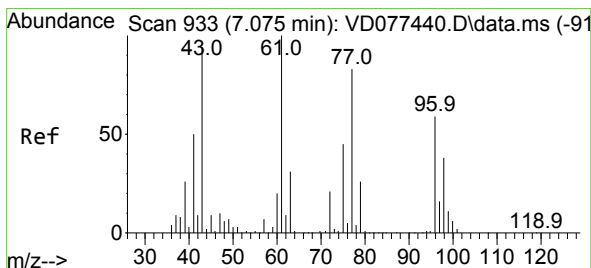
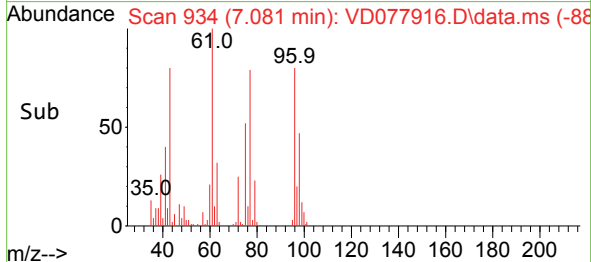
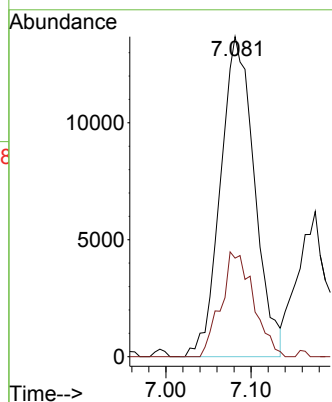
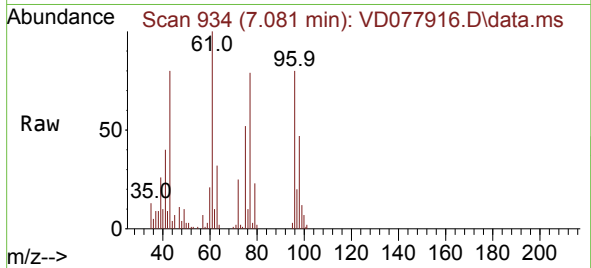




#25
2-Butanone
Concen: 100.513 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

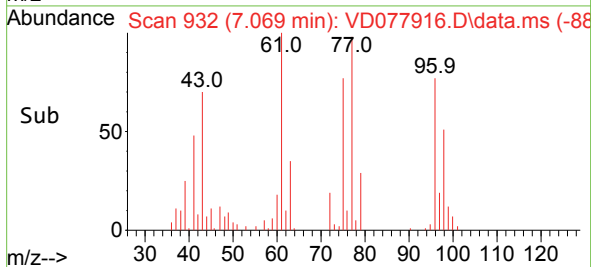
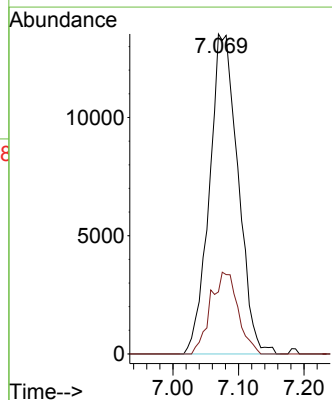
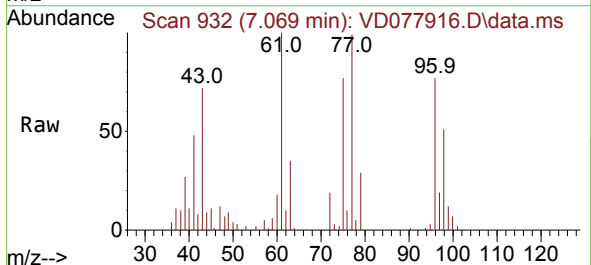
Instrument :
MSVOA_D
ClientSampleId :

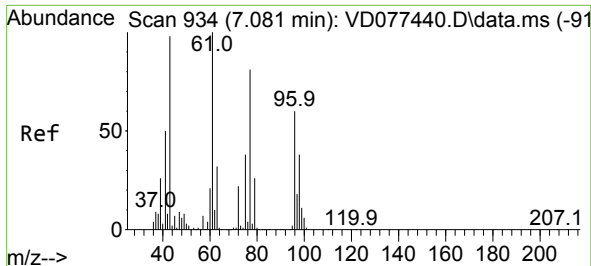
Tgt Ion: 43 Resp: 37968
Ion Ratio Lower Upper
43 100
72 30.8 30.7 46.1



#26
2,2-Dichloropropane
Concen: 19.538 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

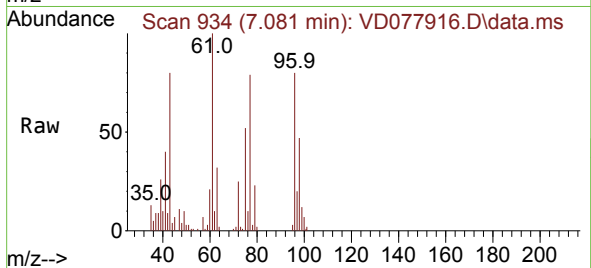
Tgt Ion: 77 Resp: 41087
Ion Ratio Lower Upper
77 100
97 24.4 13.2 39.6



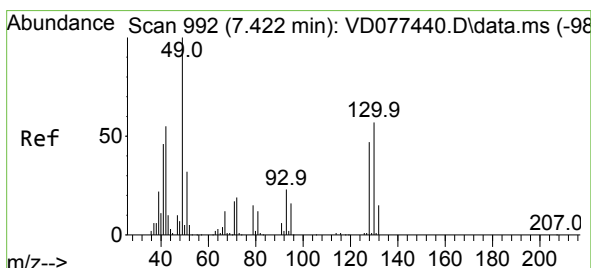
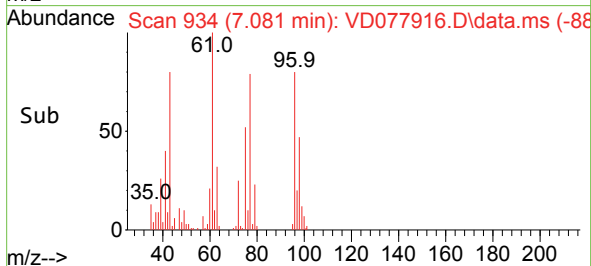
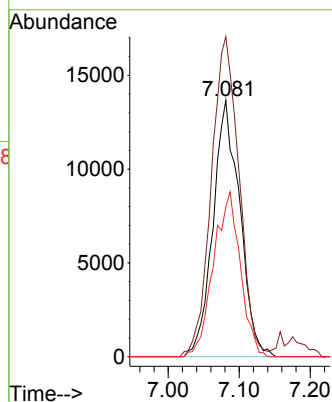


#27
 cis-1,2-Dichloroethene
 Concen: 22.824 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077916.D
 Acq: 15 Dec 2023 22:41

Instrument :
 MSVOA_D
 ClientSampleId :

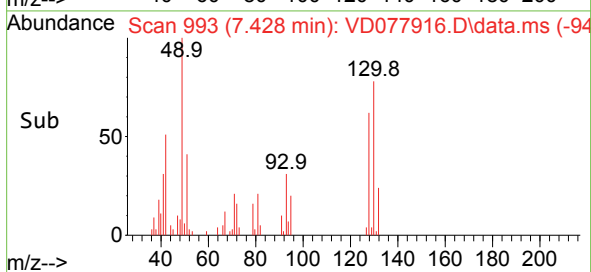
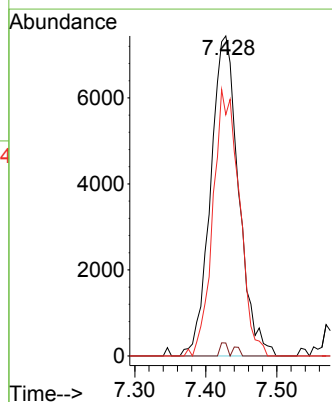
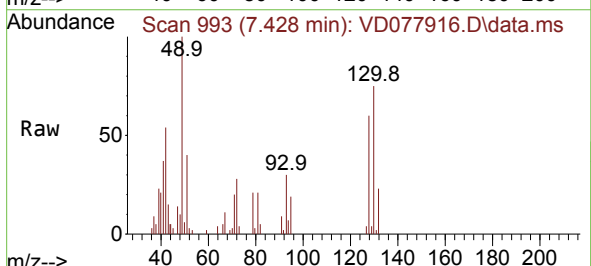


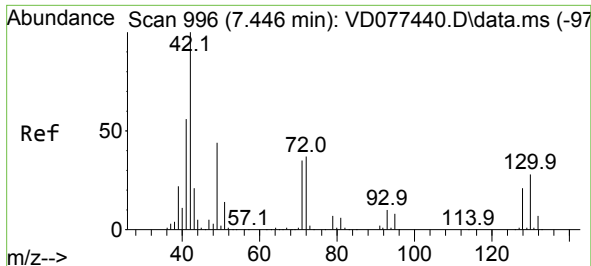
Tgt Ion: 96 Resp: 35796
 Ion Ratio Lower Upper
 96 100
 61 129.0 0.0 239.2
 98 64.4 0.0 128.6



#28
 Bromochloromethane
 Concen: 20.197 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077916.D
 Acq: 15 Dec 2023 22:41

Tgt Ion: 49 Resp: 20441
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 6.0
 130 78.2 83.2 124.8#





#29

Tetrahydrofuran

Concen: 97.879 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

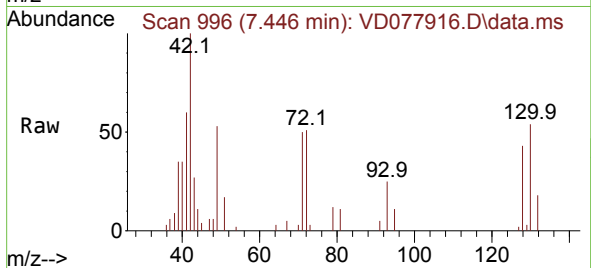
Lab File: VD077916.D

Acq: 15 Dec 2023 22:41

Instrument :

MSVOA_D

ClientSampleId :



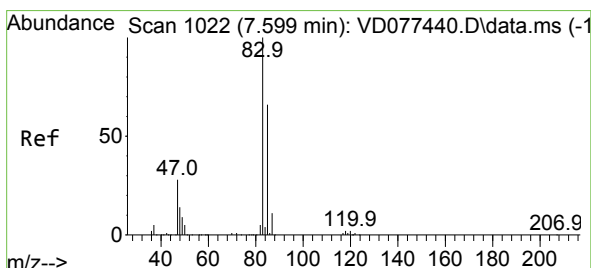
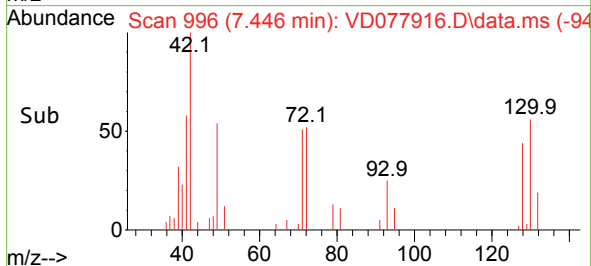
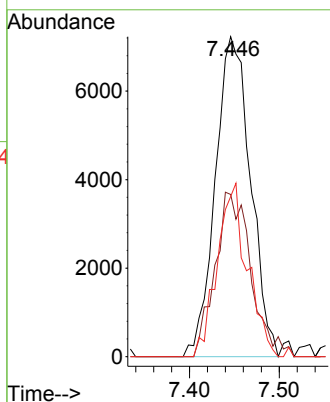
Tgt Ion: 42 Resp: 19662

Ion Ratio Lower Upper

42 100

72 52.3 46.5 69.7

71 46.5 44.5 66.7



#30

Chloroform

Concen: 22.372 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD077916.D

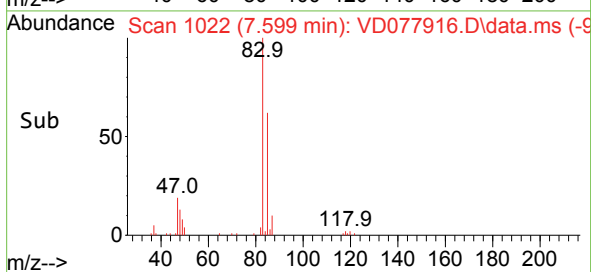
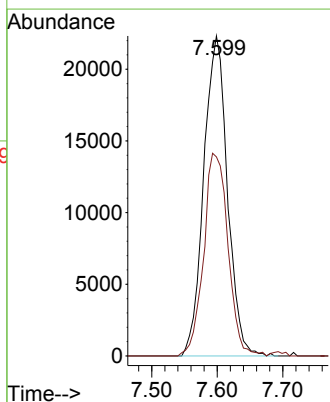
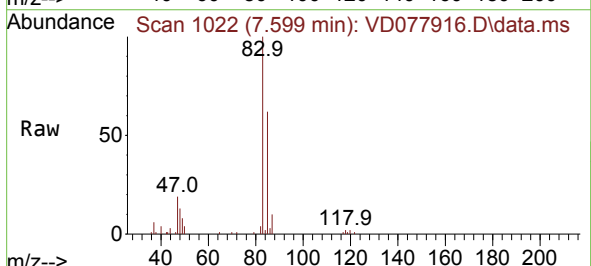
Acq: 15 Dec 2023 22:41

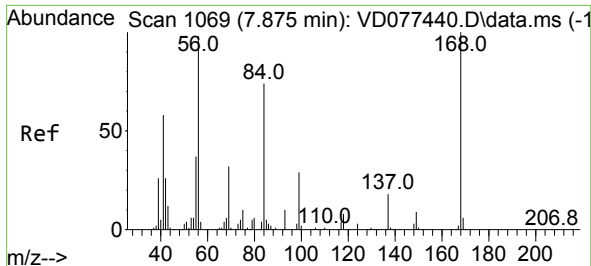
Tgt Ion: 83 Resp: 56079

Ion Ratio Lower Upper

83 100

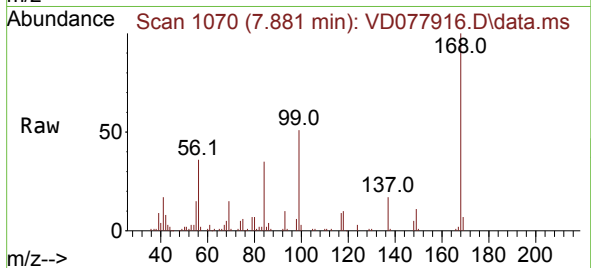
85 62.2 53.4 80.2



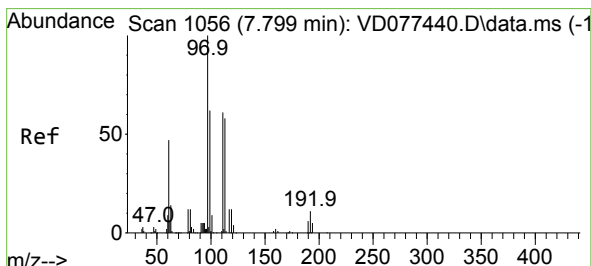
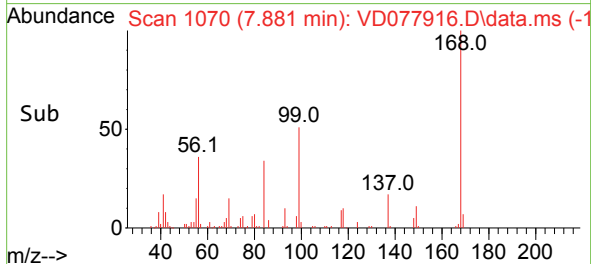
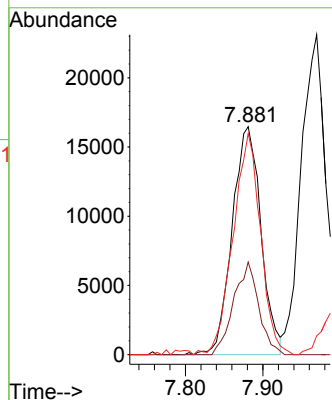


#31
Cyclohexane
Concen: 18.961 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Instrument :
MSVOA_D
ClientSampleId :

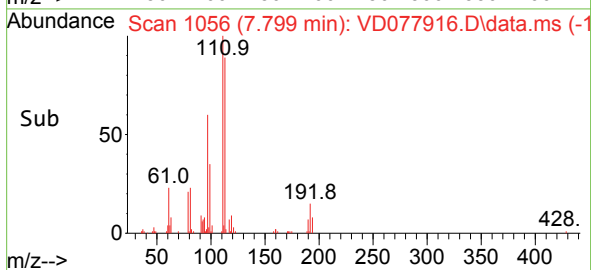
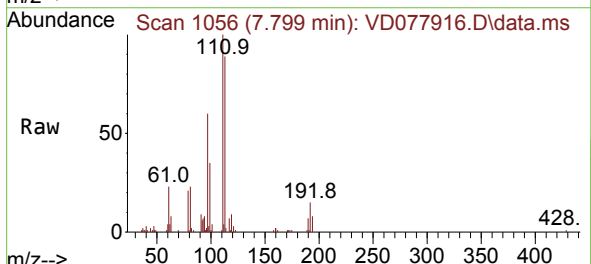
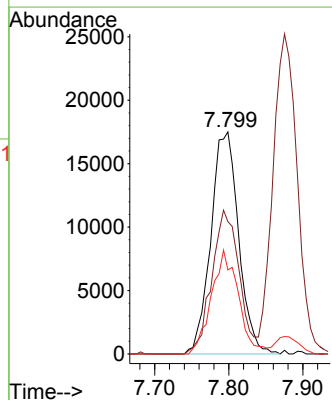


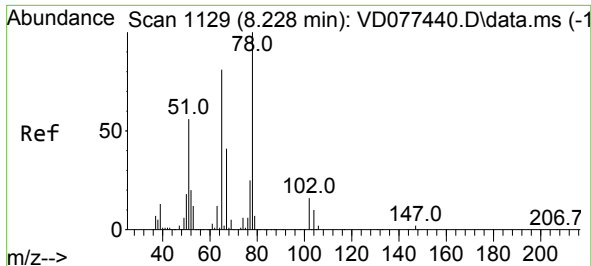
Tgt Ion: 56 Resp: 42544
Ion Ratio Lower Upper
56 100
69 39.5 28.6 43.0
84 95.5 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 20.605 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Tgt Ion: 97 Resp: 45533
Ion Ratio Lower Upper
97 100
99 64.3 52.0 78.0
61 45.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 58.660 ug/l

RT: 8.234 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077916.D

Acq: 15 Dec 2023 22:41

Instrument :

MSVOA_D

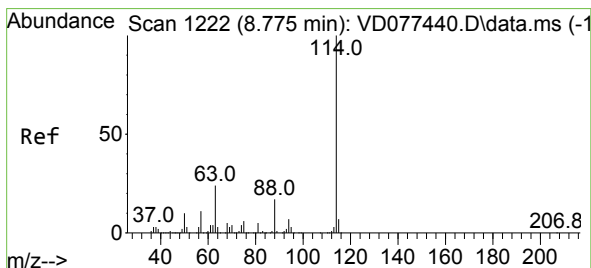
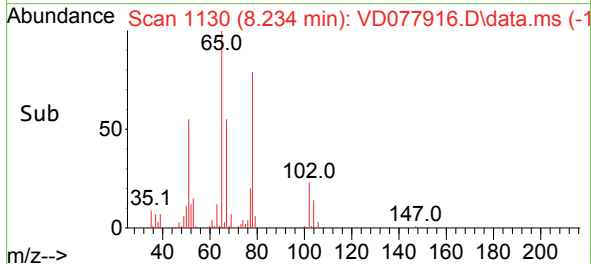
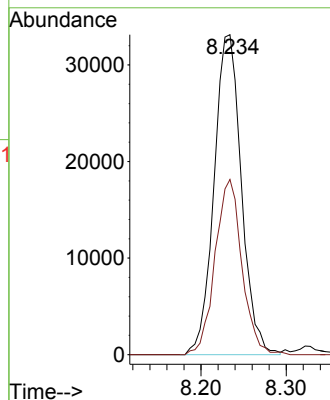
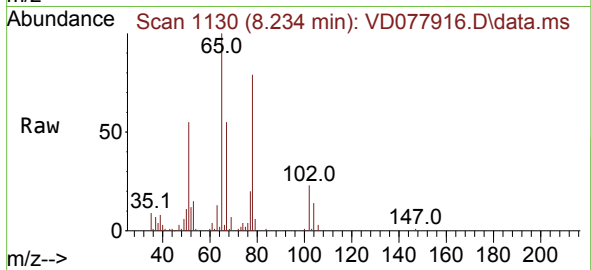
ClientSampleId :

Tgt Ion: 65 Resp: 73999

Ion Ratio Lower Upper

65 100

67 53.7 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: VD077916.D

Acq: 15 Dec 2023 22:41

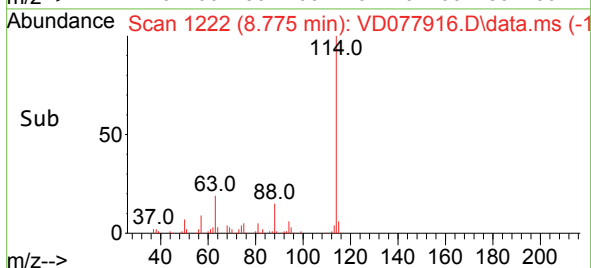
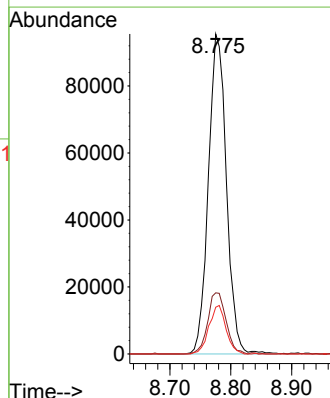
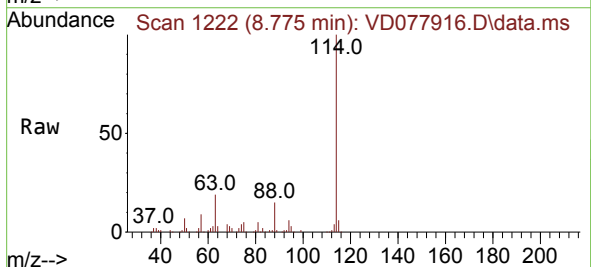
Tgt Ion: 114 Resp: 196581

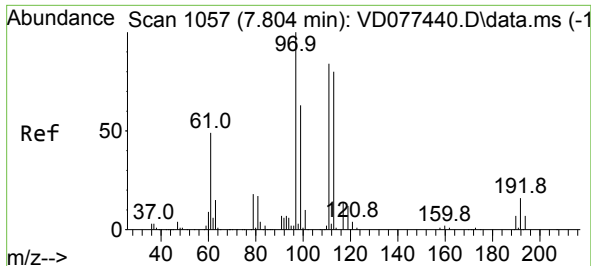
Ion Ratio Lower Upper

114 100

63 19.1 0.0 33.4

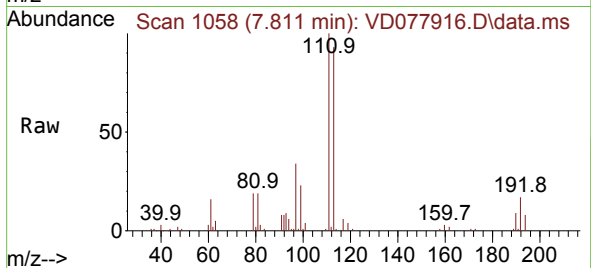
88 14.6 0.0 26.2



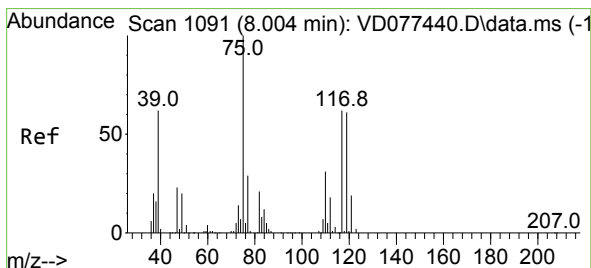
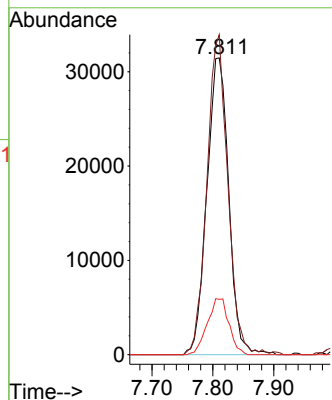
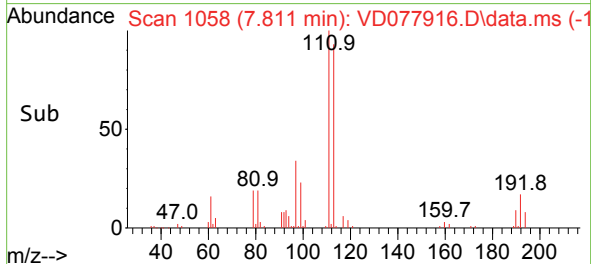


#35
Dibromofluoromethane
Concen: 57.073 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.007 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Instrument :
MSVOA_D
ClientSampleId :

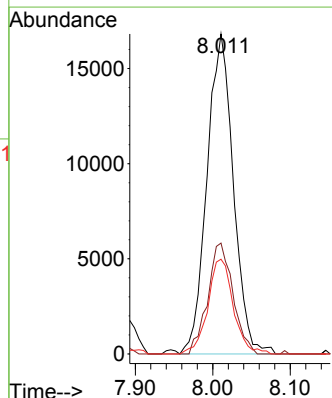
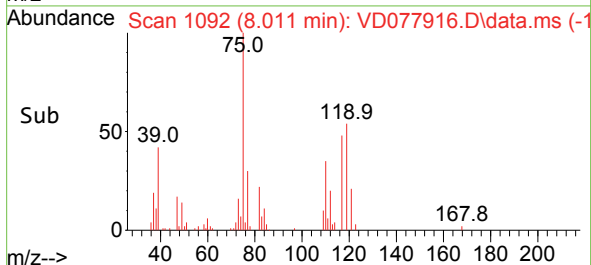
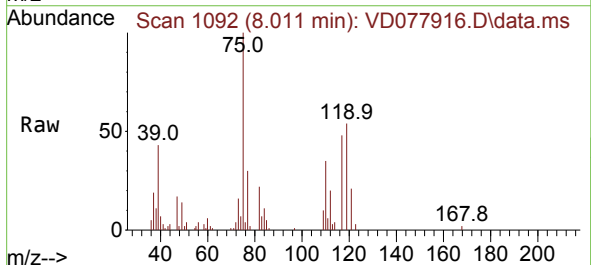


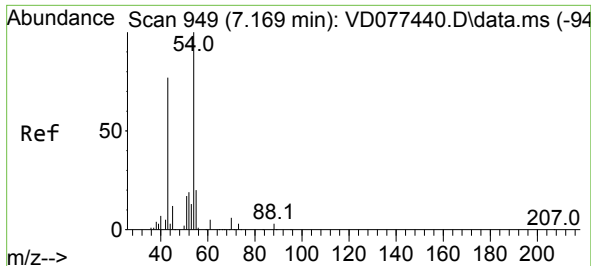
Tgt Ion:113 Resp: 78589
Ion Ratio Lower Upper
113 100
111 102.7 84.7 127.1
192 18.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 18.077 ug/l
RT: 8.011 min Scan# 1092
Delta R.T. 0.007 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

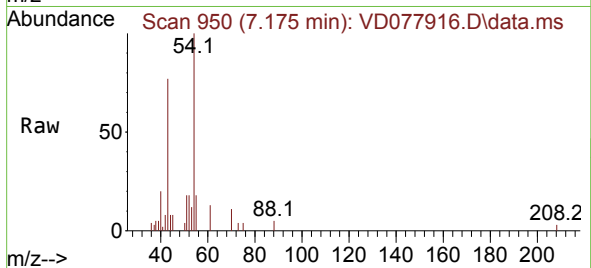
Tgt Ion: 75 Resp: 39815
Ion Ratio Lower Upper
75 100
110 33.1 19.9 59.6
77 28.7 24.7 37.1



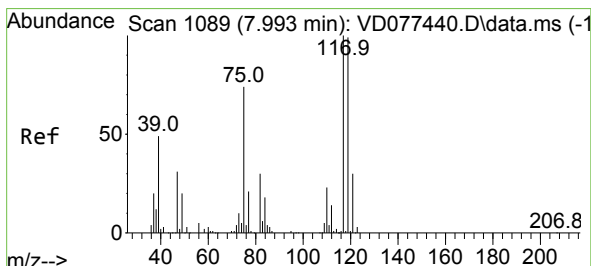
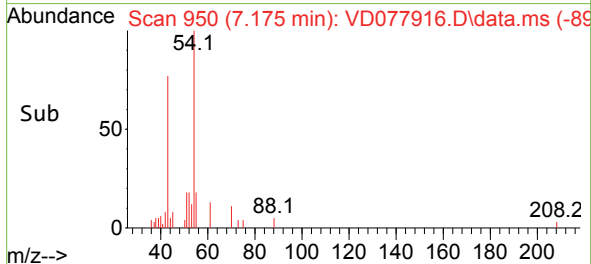
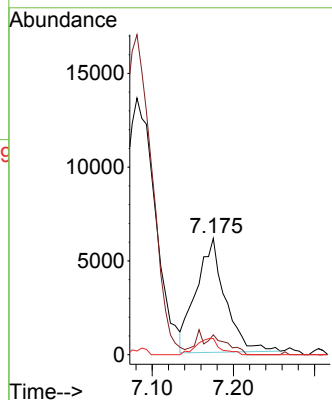


#37
Ethyl Acetate
Concen: 17.559 ug/l
RT: 7.175 min Scan# 919
Delta R.T. 0.006 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Instrument :
MSVOA_D
ClientSampleId :

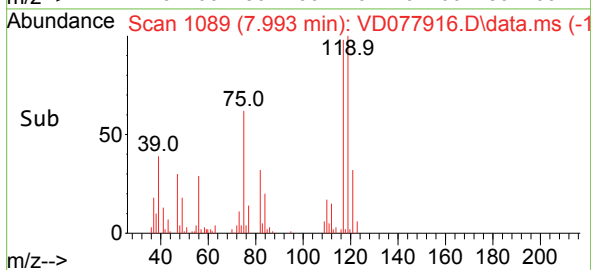
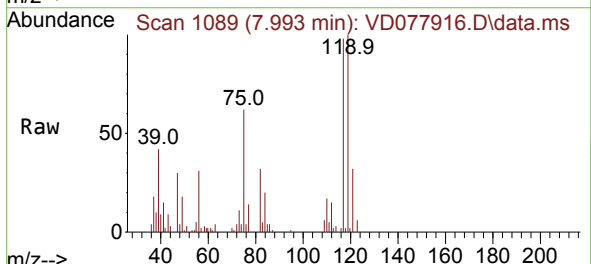
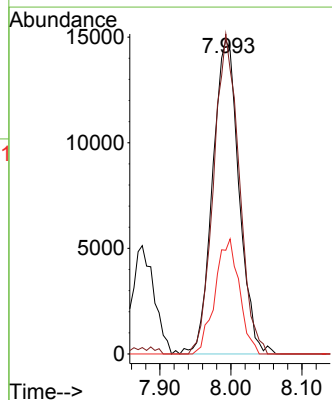


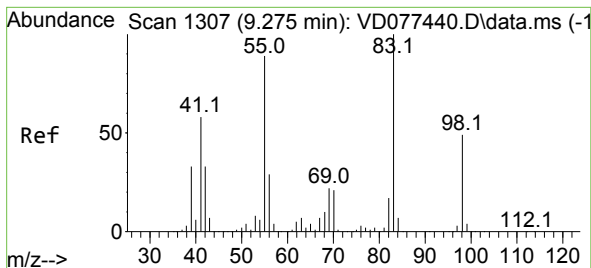
Tgt Ion: 43 Resp: 15080
Ion Ratio Lower Upper
43 100
61 9.7 14.9 22.3#
70 11.7 10.0 15.0



#38
Carbon Tetrachloride
Concen: 17.466 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Tgt Ion: 117 Resp: 38352
Ion Ratio Lower Upper
117 100
119 102.0 78.0 117.0
121 33.1 24.2 36.2





#39

Methylcyclohexane

Concen: 17.000 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077916.D

Acq: 15 Dec 2023 22:41

Instrument :

MSVOA_D

ClientSampleId :

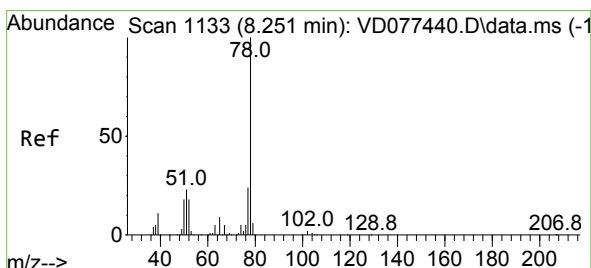
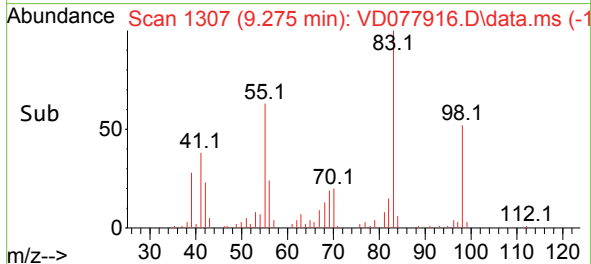
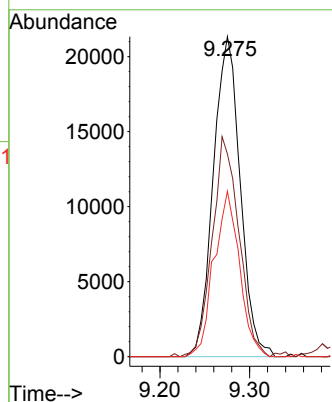
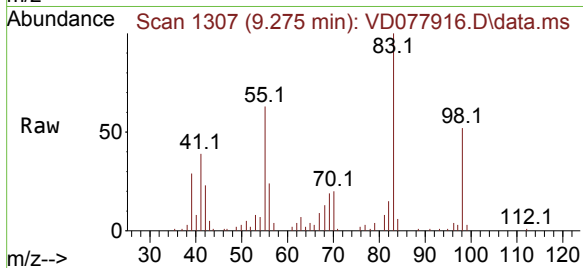
Tgt Ion: 83 Resp: 44390

Ion Ratio Lower Upper

83 100

55 63.3 49.4 74.0

98 51.7 38.4 57.6



#40

Benzene

Concen: 19.665 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD077916.D

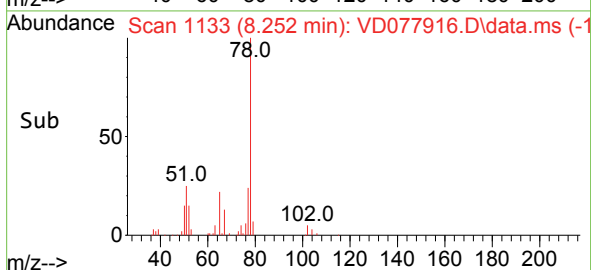
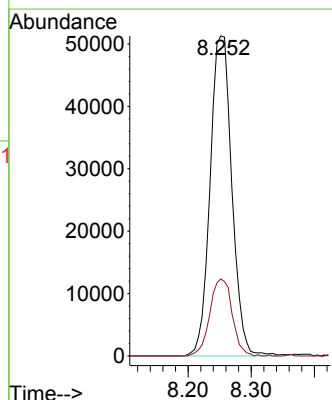
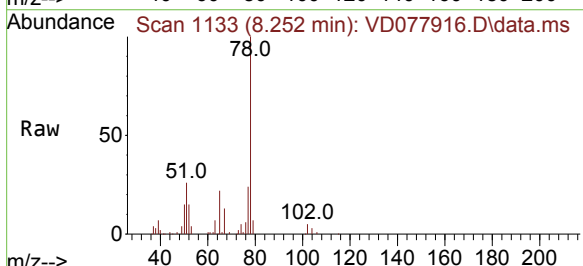
Acq: 15 Dec 2023 22:41

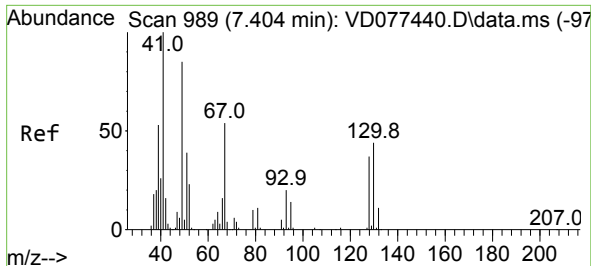
Tgt Ion: 78 Resp: 122934

Ion Ratio Lower Upper

78 100

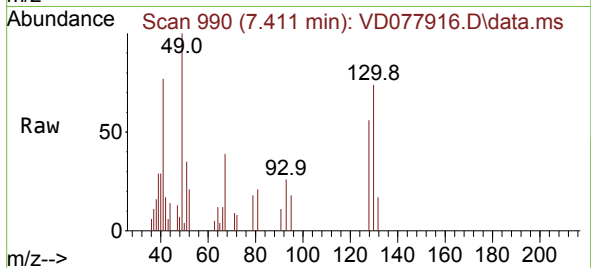
77 24.0 19.4 29.0



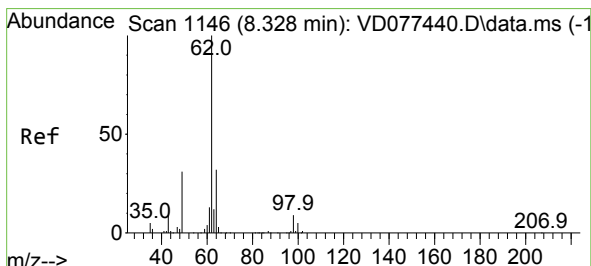
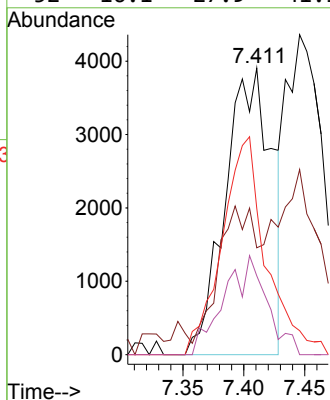
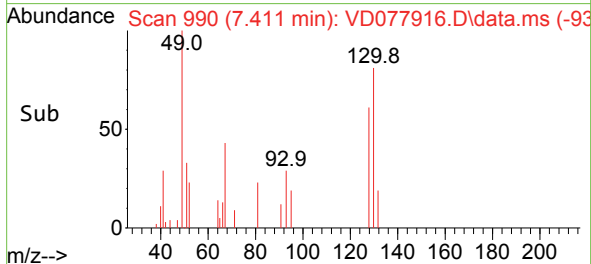


#41
Methacrylonitrile
Concen: 23.706 ug/l
RT: 7.411 min Scan# 91
Delta R.T. 0.007 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Instrument :
MSVOA_D
ClientSampleId :

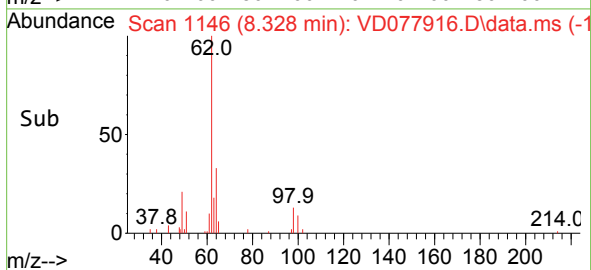
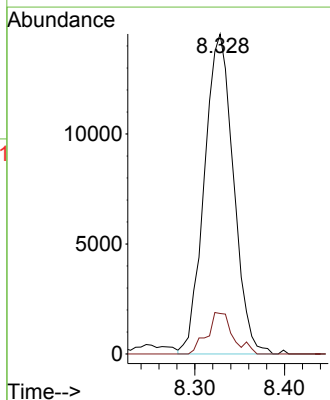
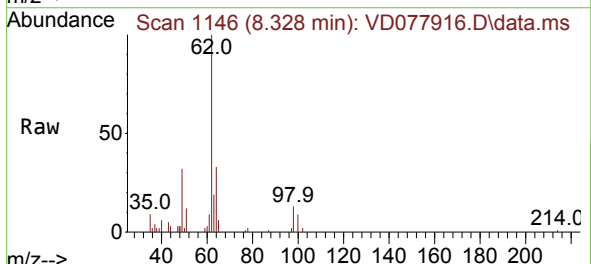


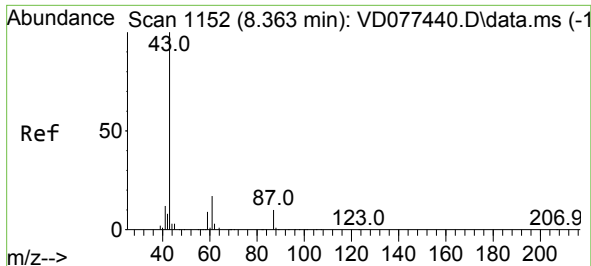
Tgt Ion: 41 Resp: 10348
Ion Ratio Lower Upper
41 100
39 42.8 34.0 51.0
67 72.3 77.0 115.4#
52 16.1 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 20.194 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

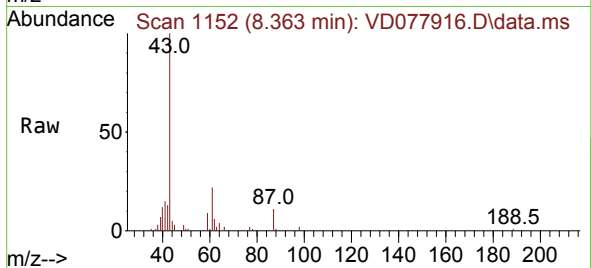
Tgt Ion: 62 Resp: 32723
Ion Ratio Lower Upper
62 100
98 11.4 0.0 25.4



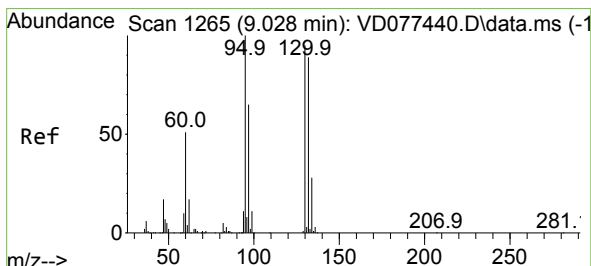
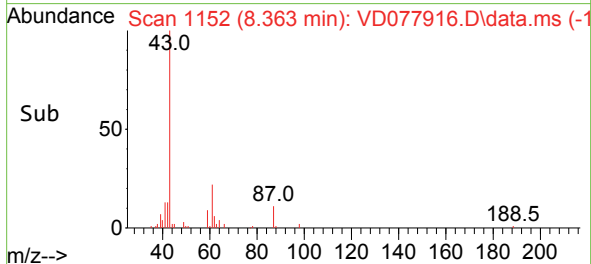
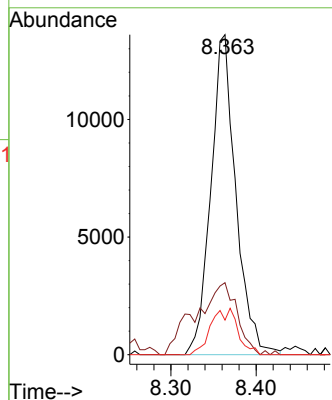


#43
Isopropyl Acetate
Concen: 18.189 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Instrument :
MSVOA_D
ClientSampleId :

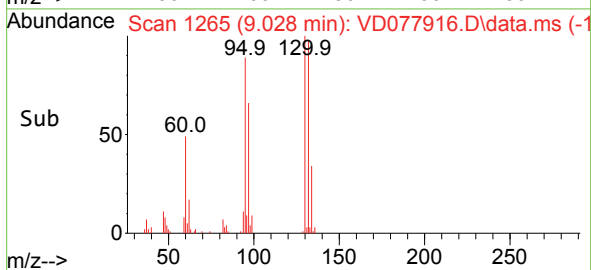
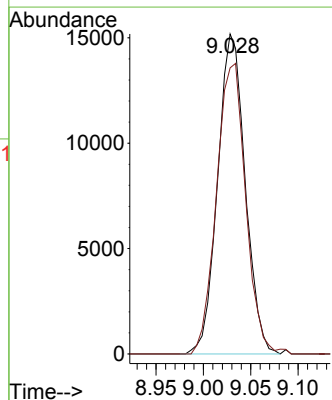
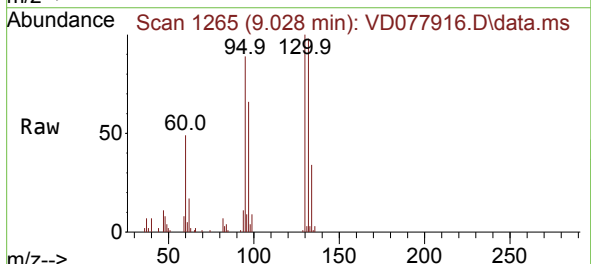


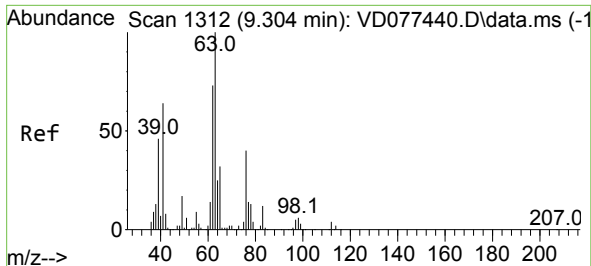
Tgt Ion: 43 Resp: 27769
Ion Ratio Lower Upper
43 100
61 27.8 31.4 47.0#
87 15.5 14.9 22.3



#44
Trichloroethene
Concen: 18.849 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Tgt Ion:130 Resp: 30706
Ion Ratio Lower Upper
130 100
95 89.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.215 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD077916.D

Acq: 15 Dec 2023 22:41

Instrument :

MSVOA_D

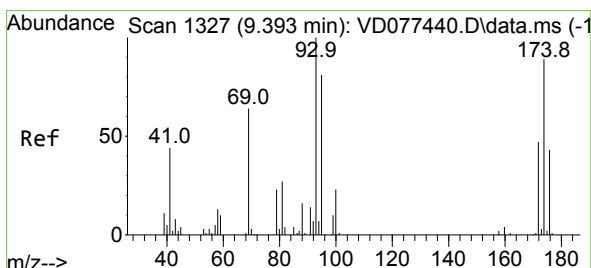
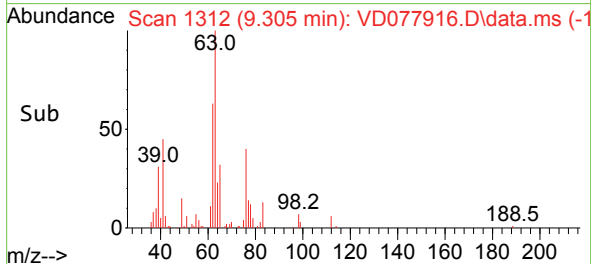
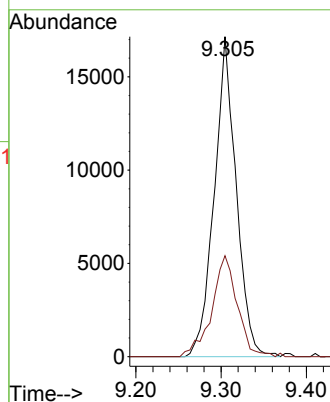
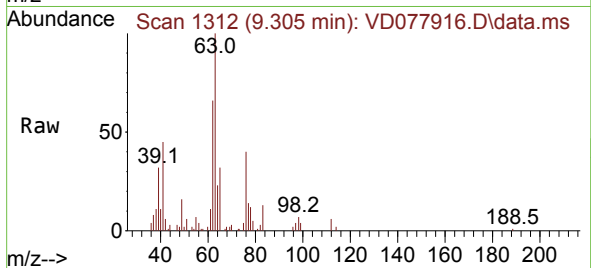
ClientSampleId :

Tgt Ion: 63 Resp: 30721

Ion Ratio Lower Upper

63 100

65 31.5 24.5 36.7



#46

Dibromomethane

Concen: 20.790 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD077916.D

Acq: 15 Dec 2023 22:41

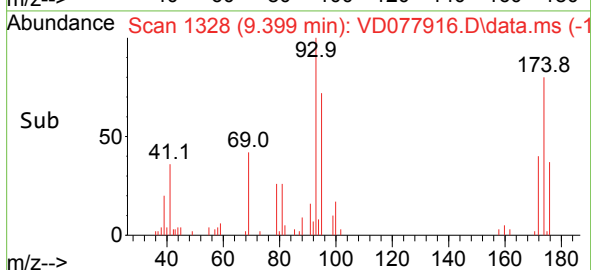
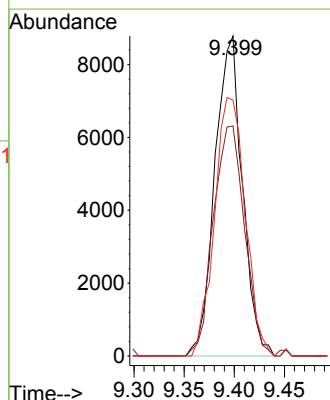
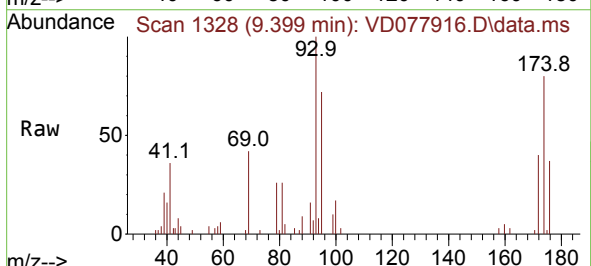
Tgt Ion: 93 Resp: 16717

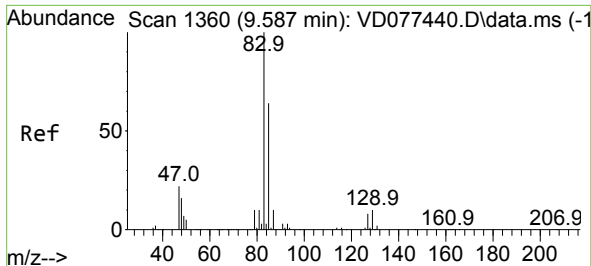
Ion Ratio Lower Upper

93 100

95 81.8 67.7 101.5

174 90.1 85.4 128.2

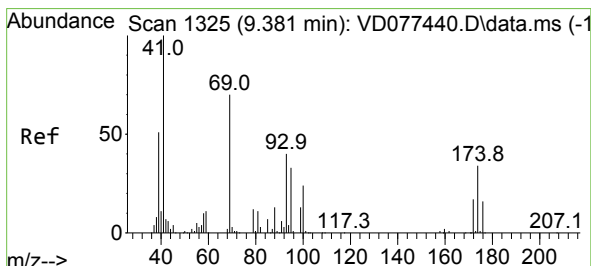
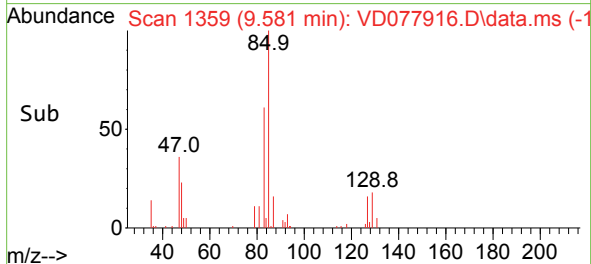
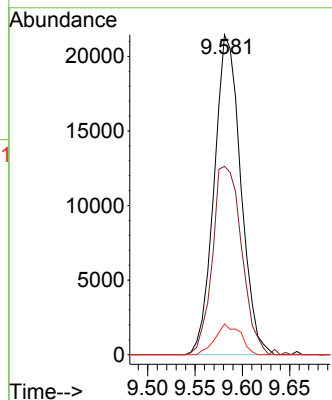
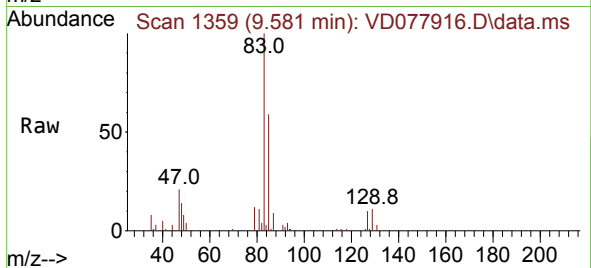




#47
Bromodichloromethane
Concen: 20.575 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

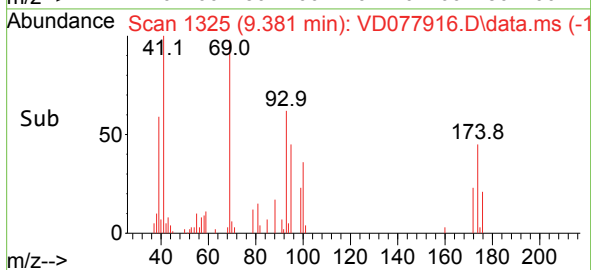
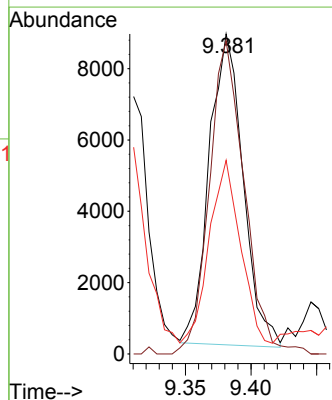
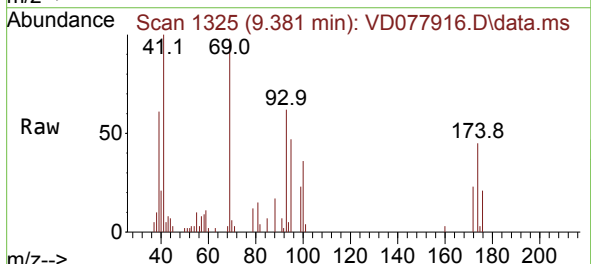
Instrument :
MSVOA_D
ClientSampleId :

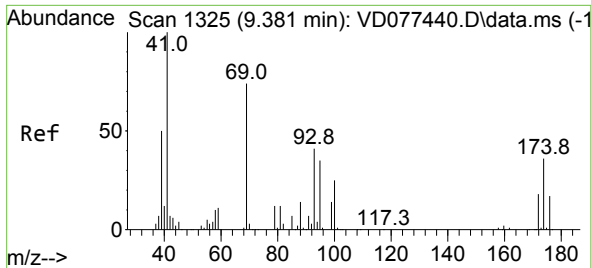
Tgt Ion: 83 Resp: 41933
Ion Ratio Lower Upper
83 100
85 58.8 50.2 75.4
127 9.6 6.3 9.5#



#48
Methyl methacrylate
Concen: 18.077 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Tgt Ion: 41 Resp: 15688
Ion Ratio Lower Upper
41 100
69 104.0 102.2 153.2
39 54.5 41.4 62.2





#49

1,4-Dioxane

Concen: 383.253 ug/l

RT: 9.381 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077916.D

Acq: 15 Dec 2023 22:41

Instrument :

MSVOA_D

ClientSampleId :

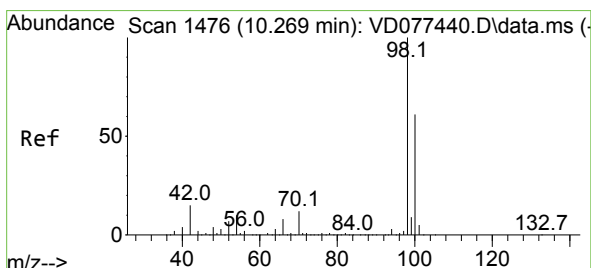
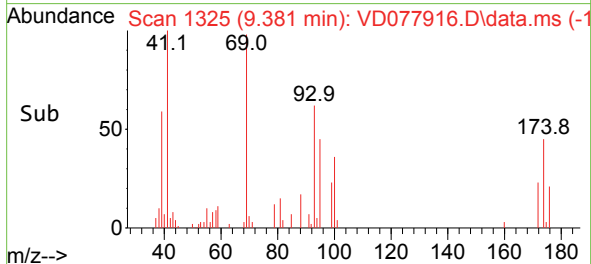
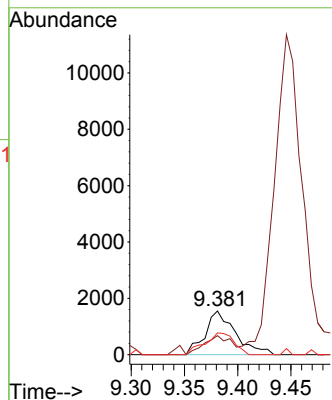
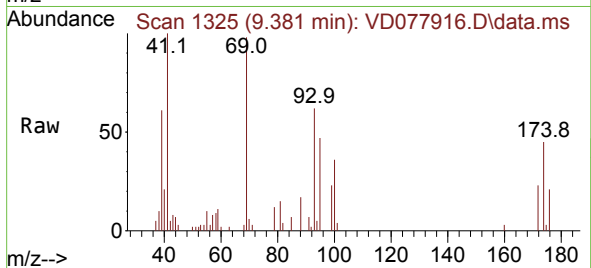
Tgt Ion: 88 Resp: 3060

Ion Ratio Lower Upper

88 100

43 38.4 19.0 28.6#

58 48.2 43.5 65.3



#50

Toluene-d8

Concen: 55.014 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077916.D

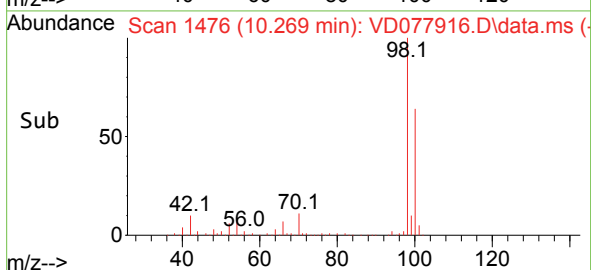
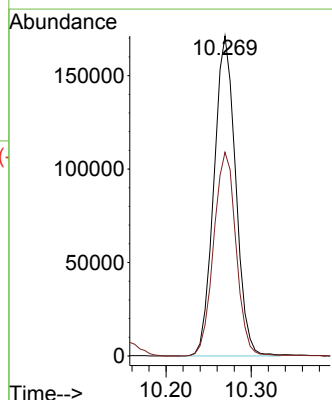
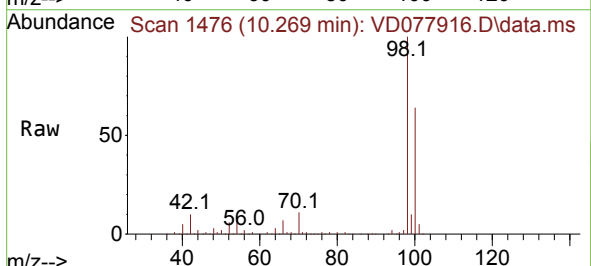
Acq: 15 Dec 2023 22:41

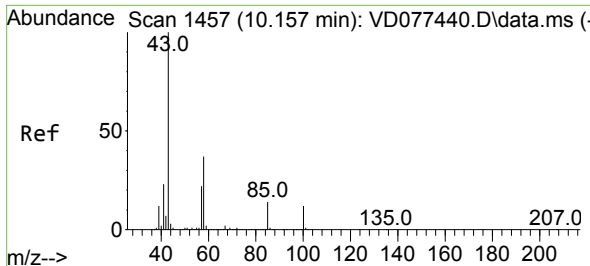
Tgt Ion: 98 Resp: 303404

Ion Ratio Lower Upper

98 100

100 65.7 50.3 75.5

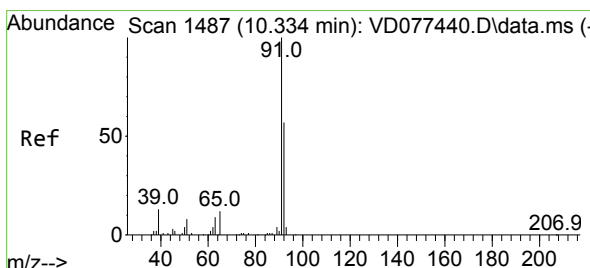
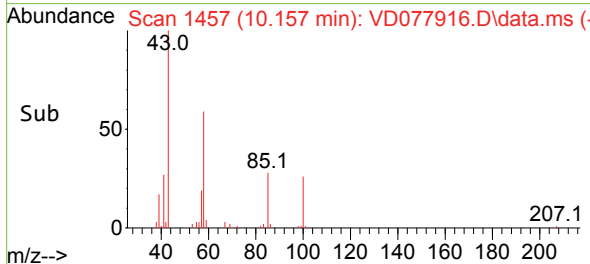
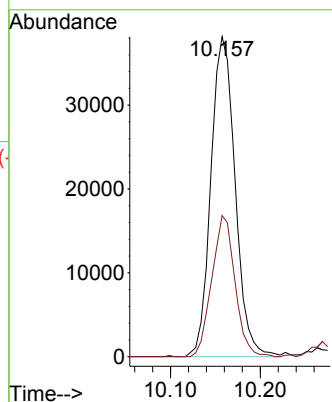
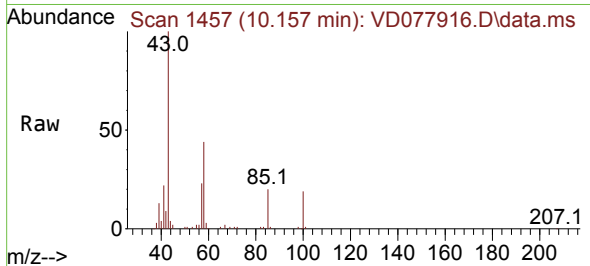




#51
4-Methyl-2-Pentanone
Concen: 91.887 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

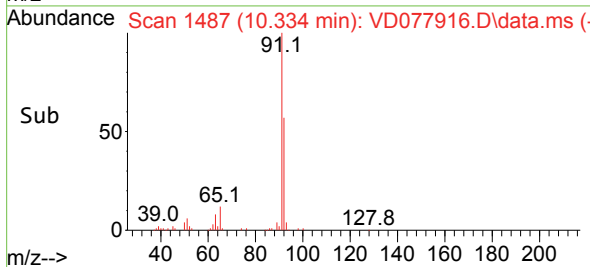
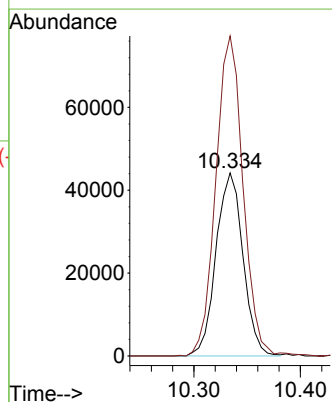
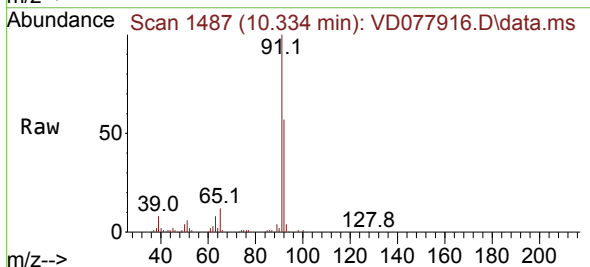
Instrument :
MSVOA_D
ClientSampleId :

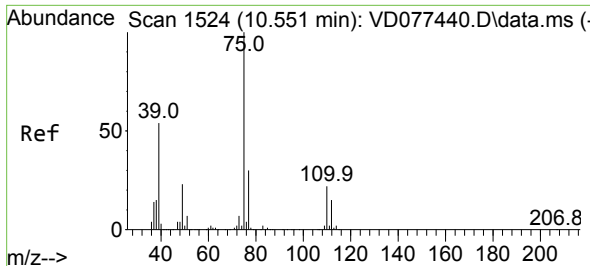
Tgt Ion: 43 Resp: 71594
Ion Ratio Lower Upper
43 100
58 42.2 38.9 58.3



#52
Toluene
Concen: 20.024 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Tgt Ion: 92 Resp: 77649
Ion Ratio Lower Upper
92 100
91 176.9 143.0 214.4

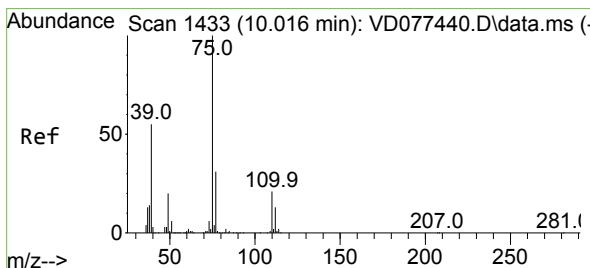
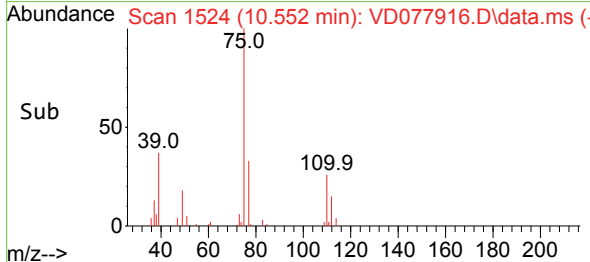
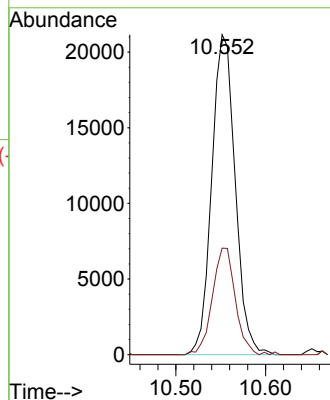
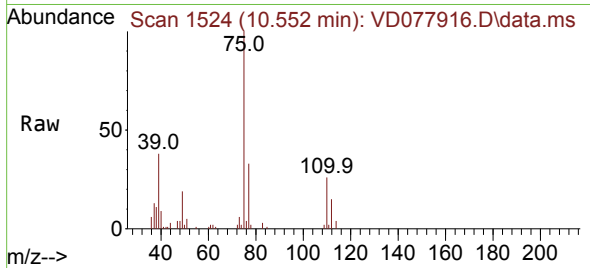




#53
 t-1,3-Dichloropropene
 Concen: 19.584 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VD077916.D
 Acq: 15 Dec 2023 22:41

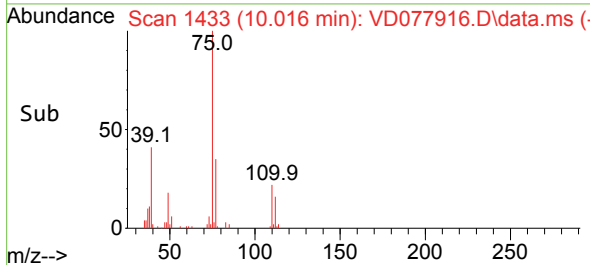
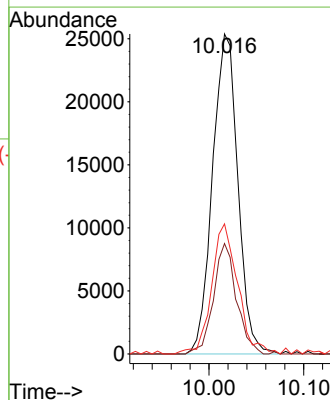
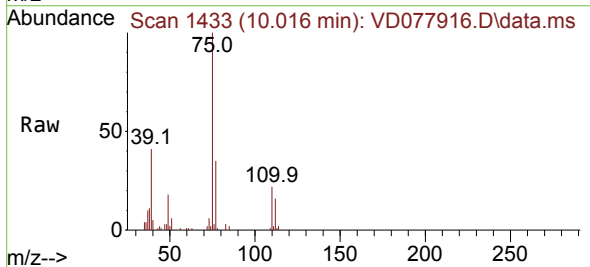
Instrument :
 MSVOA_D
 ClientSampleId :

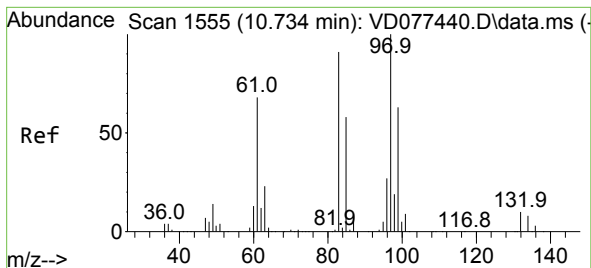
Tgt Ion: 75 Resp: 38328
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.916 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077916.D
 Acq: 15 Dec 2023 22:41

Tgt Ion: 75 Resp: 47128
 Ion Ratio Lower Upper
 75 100
 77 34.5 25.5 38.3
 39 40.6 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 20.552 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD077916.D

Acq: 15 Dec 2023 22:41

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 22604

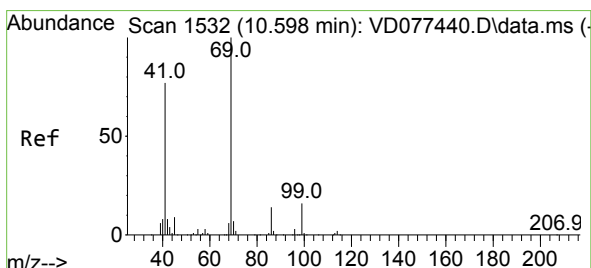
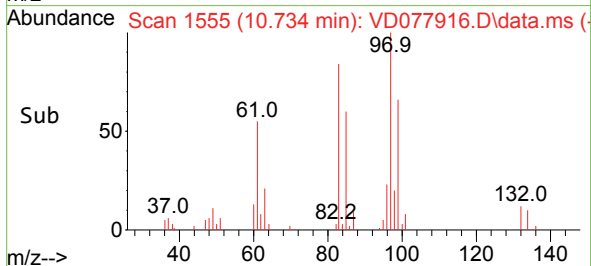
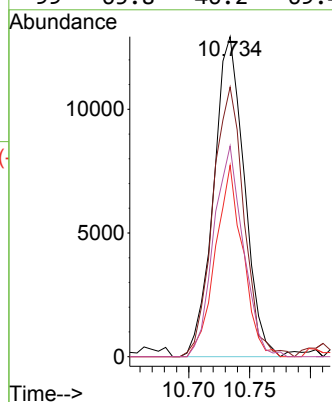
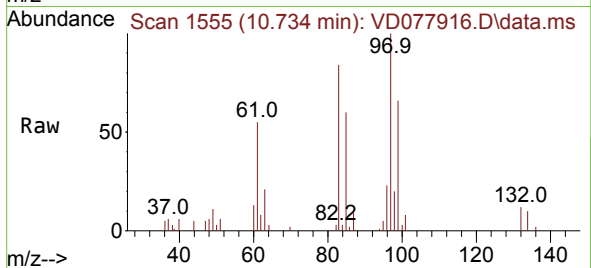
Ion Ratio Lower Upper

97 100

83 84.2 65.8 98.6

85 59.8 45.7 68.5

99 65.8 46.2 69.4



#56

Ethyl methacrylate

Concen: 18.396 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.001 min

Lab File: VD077916.D

Acq: 15 Dec 2023 22:41

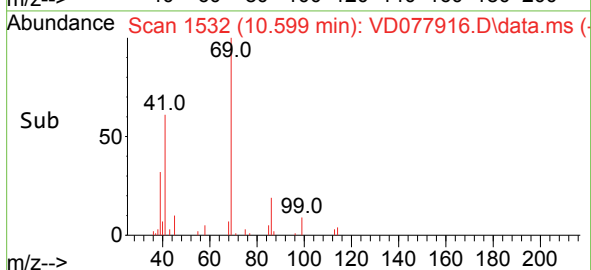
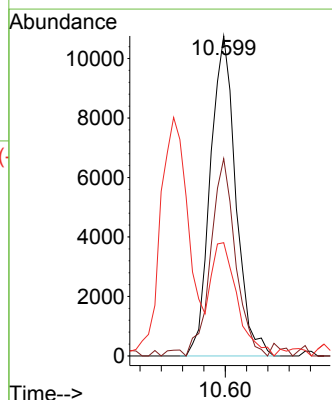
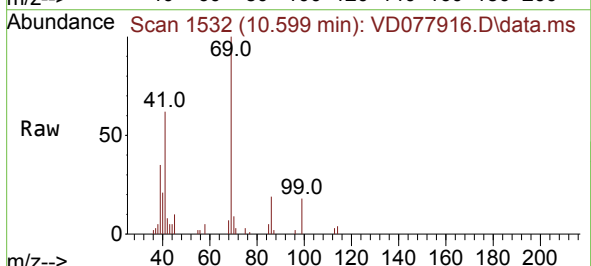
Tgt Ion: 69 Resp: 17836

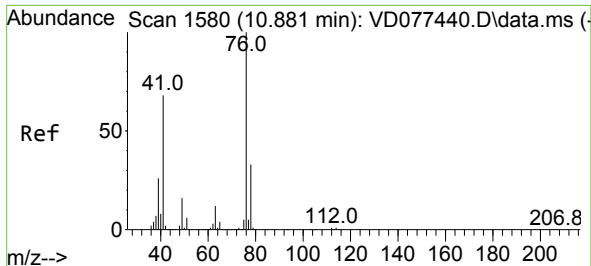
Ion Ratio Lower Upper

69 100

41 61.3 39.1 58.7#

39 35.9 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 20.734 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD077916.D

Acq: 15 Dec 2023 22:41

Instrument :

MSVOA_D

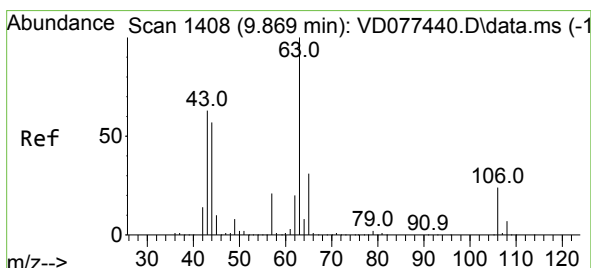
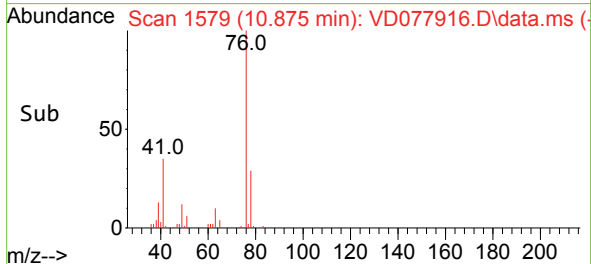
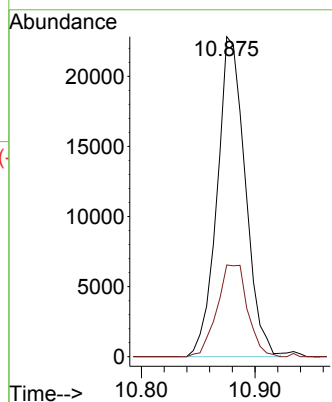
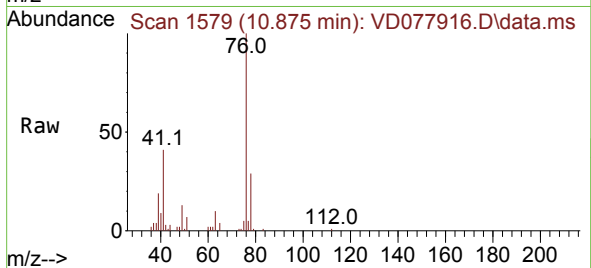
ClientSampleId :

Tgt Ion: 76 Resp: 39309

Ion Ratio Lower Upper

76 100

78 31.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 96.255 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077916.D

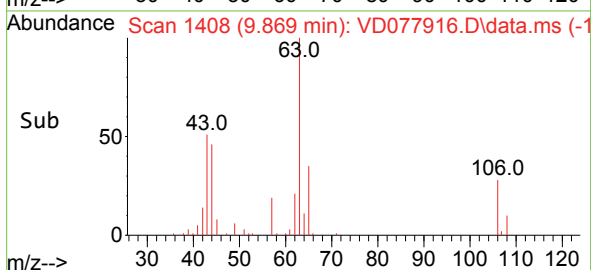
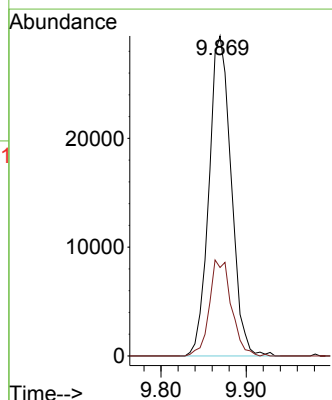
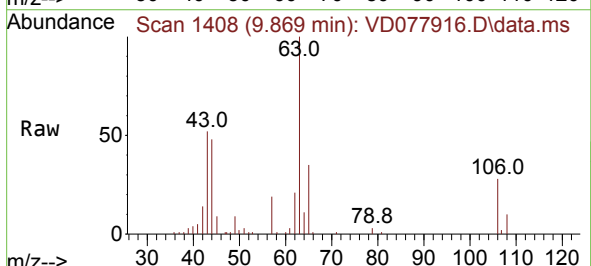
Acq: 15 Dec 2023 22:41

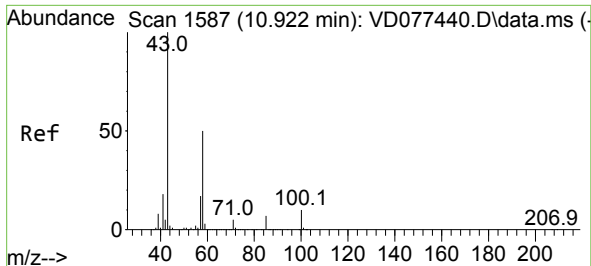
Tgt Ion: 63 Resp: 53221

Ion Ratio Lower Upper

63 100

106 29.8 25.3 37.9

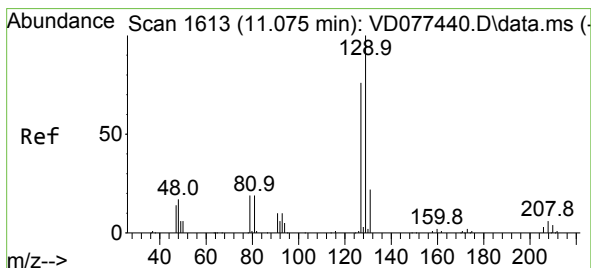
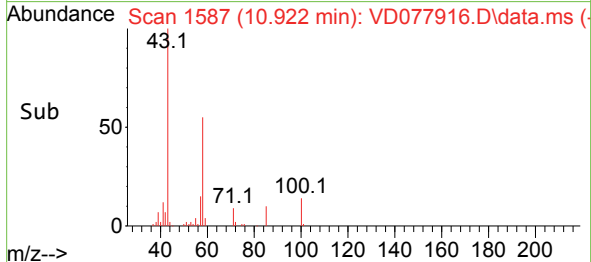
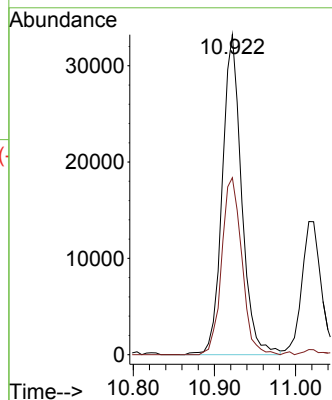
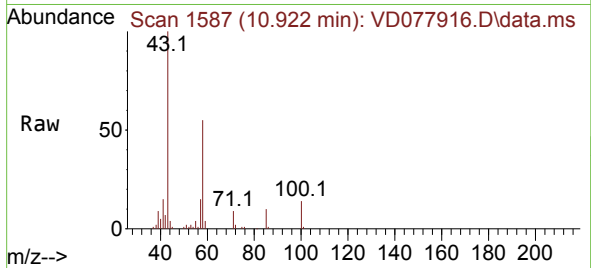




#59
2-Hexanone
Concen: 85.172 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

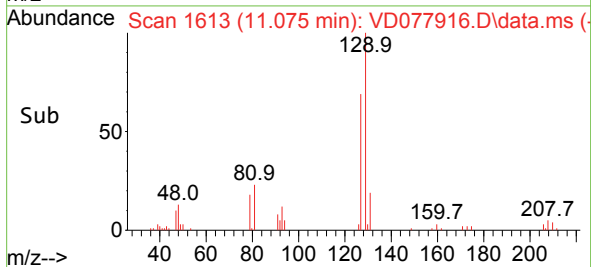
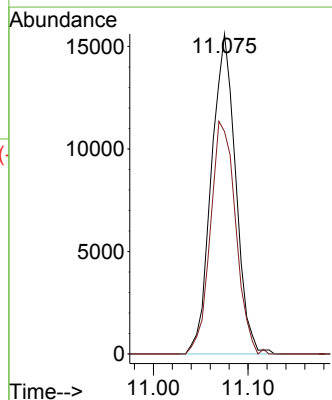
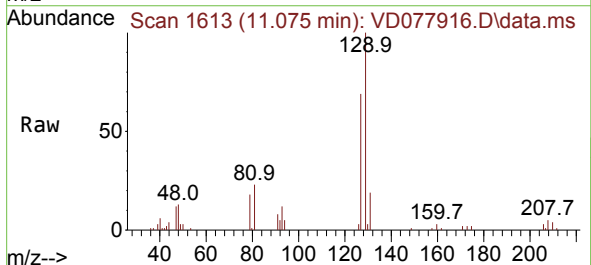
Instrument :
MSVOA_D
ClientSampleId :

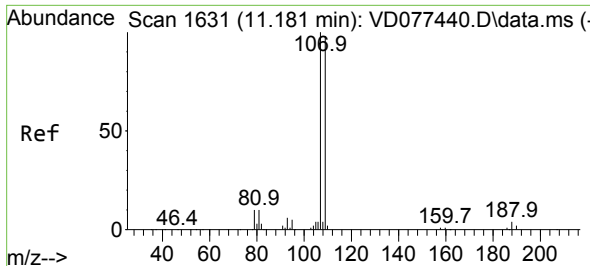
Tgt Ion: 43 Resp: 55057
Ion Ratio Lower Upper
43 100
58 57.4 34.1 102.2



#60
Dibromochloromethane
Concen: 20.973 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Tgt Ion: 129 Resp: 27773
Ion Ratio Lower Upper
129 100
127 75.5 37.1 111.5

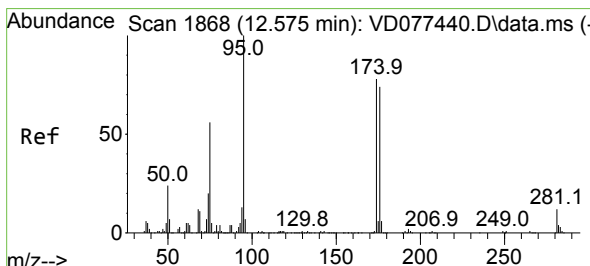
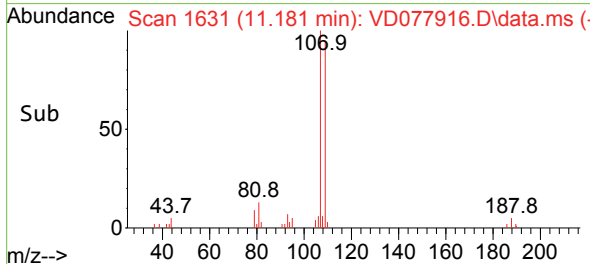
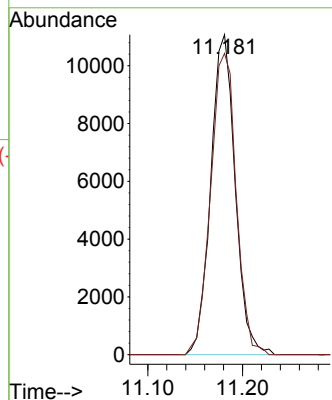
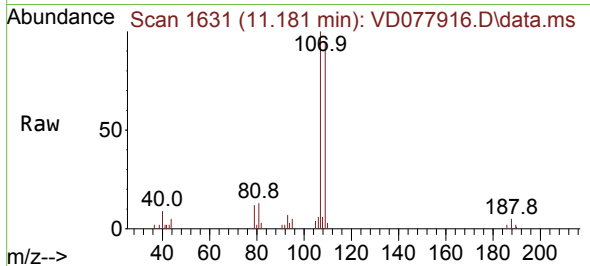




#61
1,2-Dibromoethane
Concen: 19.144 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

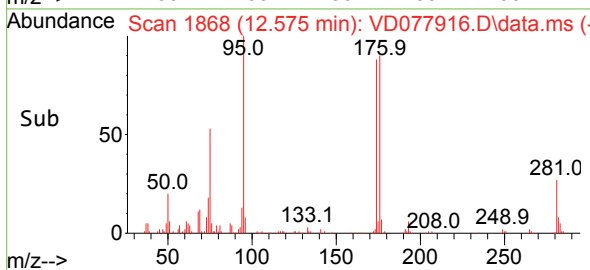
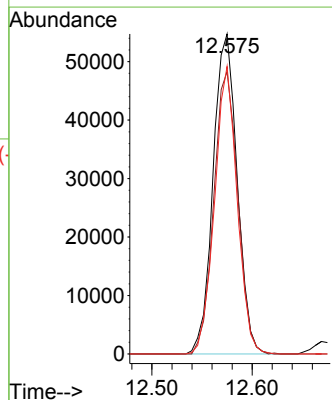
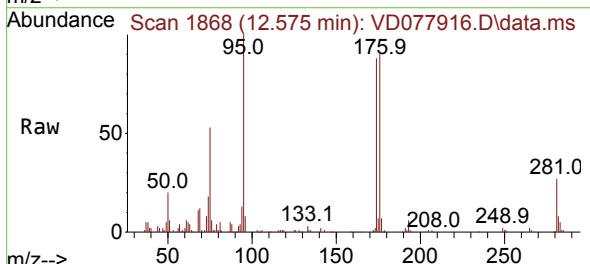
Instrument :
MSVOA_D
ClientSampleId :

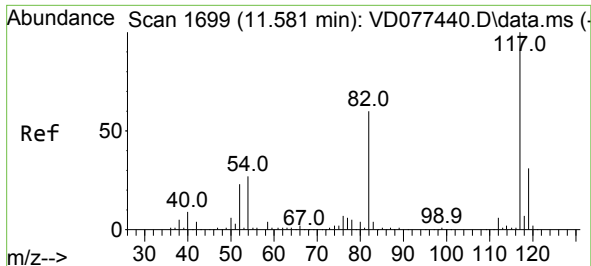
Tgt Ion:107 Resp: 19820
Ion Ratio Lower Upper
107 100
109 98.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.281 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Tgt Ion: 95 Resp: 91150
Ion Ratio Lower Upper
95 100
174 88.2 0.0 201.8
176 84.4 0.0 191.8

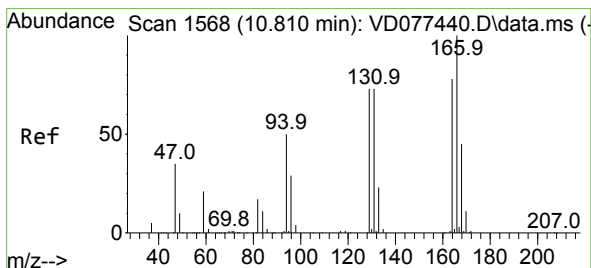
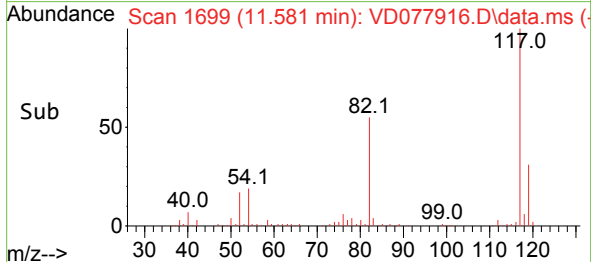
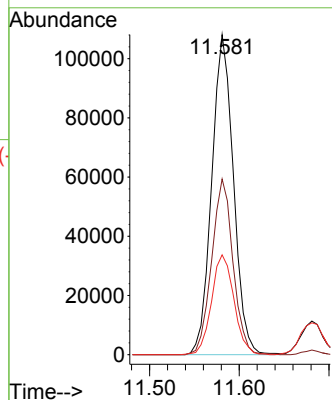
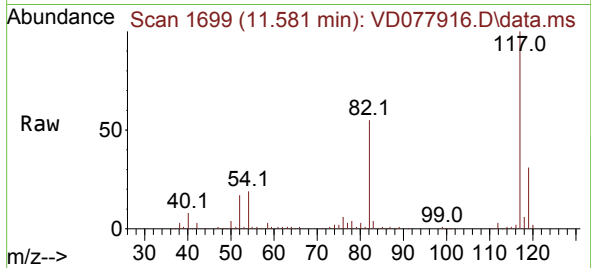




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

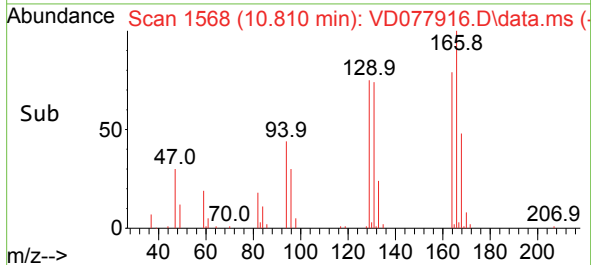
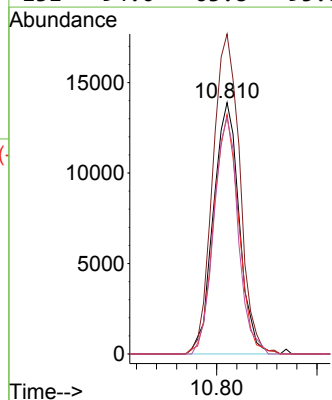
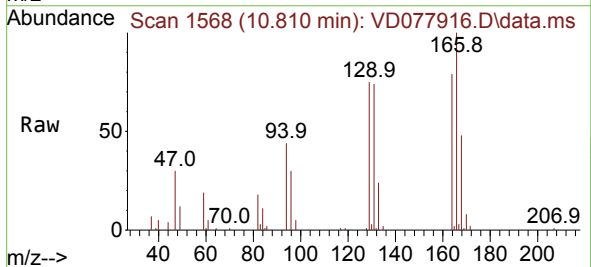
Instrument :
MSVOA_D
ClientSampleId :

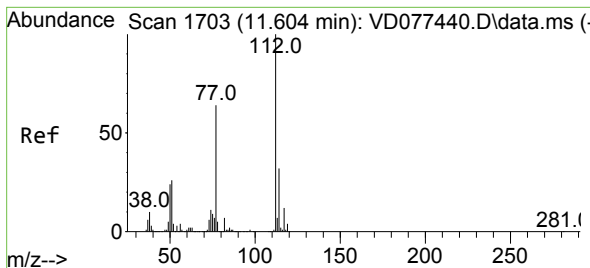
Tgt Ion:117 Resp: 181779
Ion Ratio Lower Upper
117 100
82 54.9 38.3 57.5
119 31.2 25.0 37.4



#64
Tetrachloroethene
Concen: 18.625 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Tgt Ion:164 Resp: 24884
Ion Ratio Lower Upper
164 100
166 127.3 99.2 148.8
129 95.3 68.4 102.6
131 94.0 63.8 95.8





#65

Chlorobenzene

Concen: 17.571 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077916.D

Acq: 15 Dec 2023 22:41

Instrument :

MSVOA_D

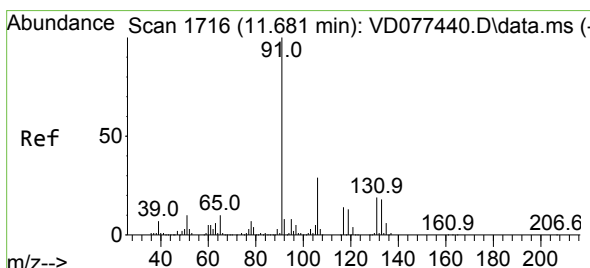
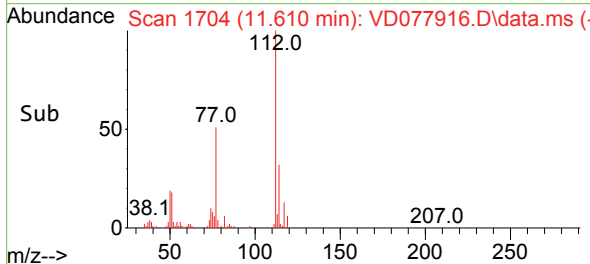
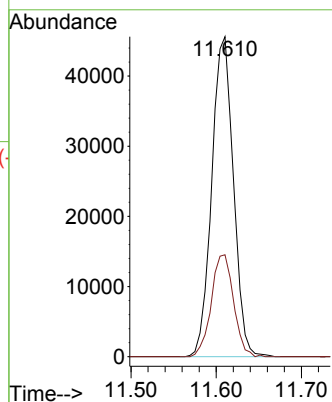
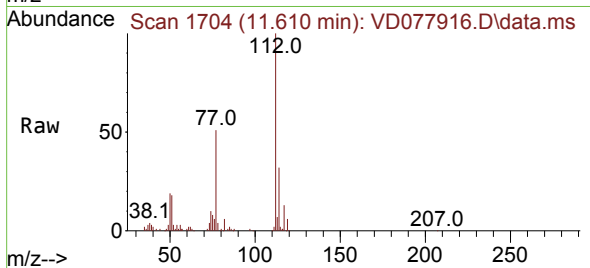
ClientSampleId :

Tgt Ion:112 Resp: 80456

Ion Ratio Lower Upper

112 100

114 31.8 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 19.125 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077916.D

Acq: 15 Dec 2023 22:41

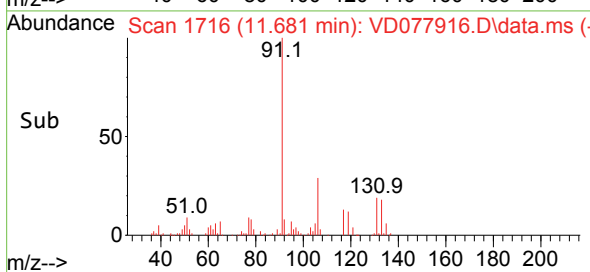
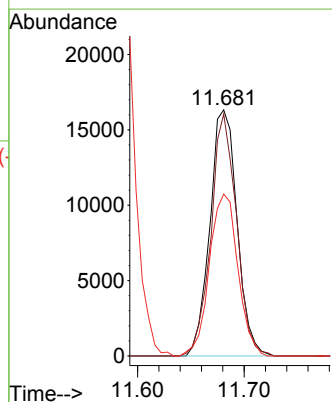
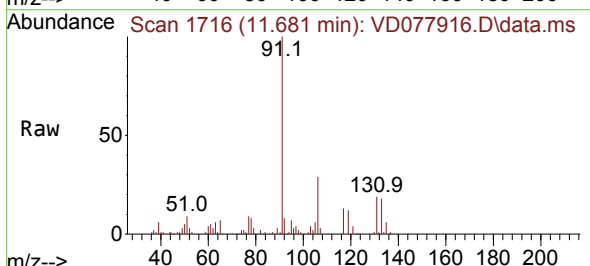
Tgt Ion:131 Resp: 28909

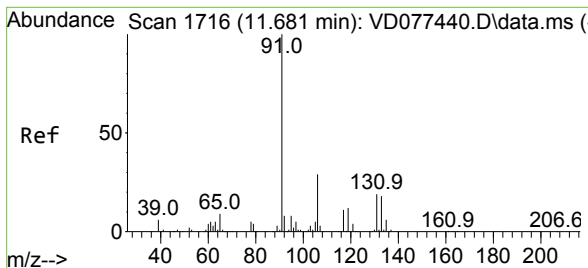
Ion Ratio Lower Upper

131 100

133 92.4 48.5 145.5

119 69.0 35.6 106.9

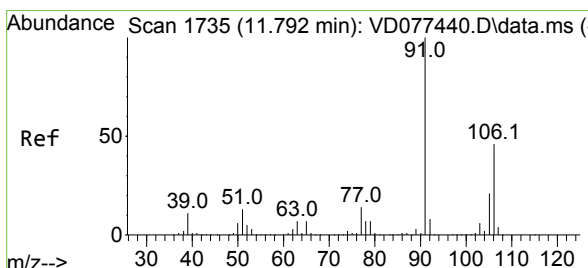
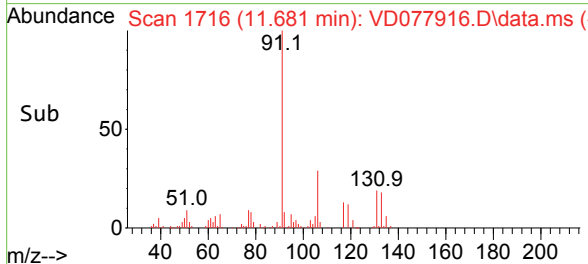
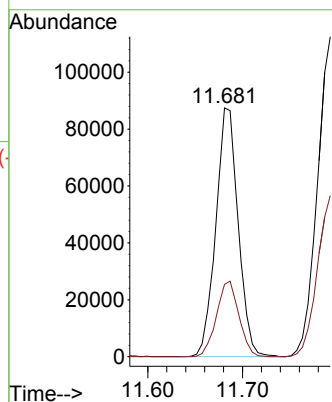
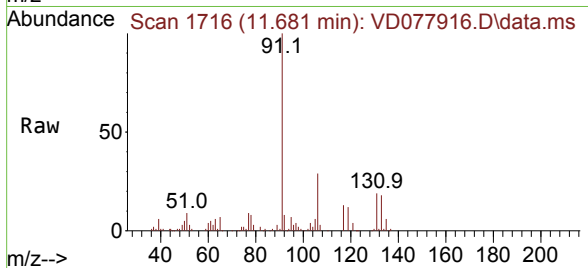




#67
Ethyl Benzene
Concen: 18.947 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

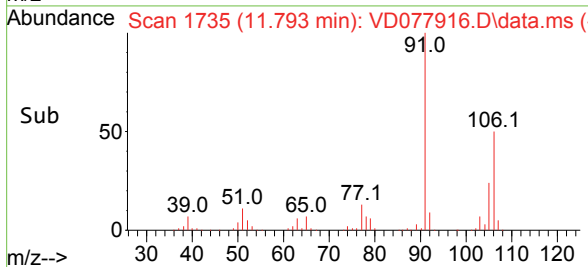
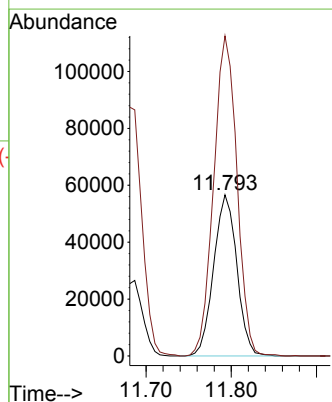
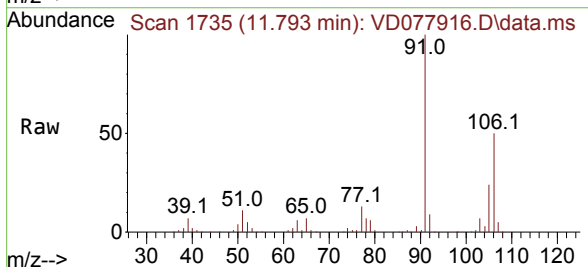
Instrument :
MSVOA_D
ClientSampleId :

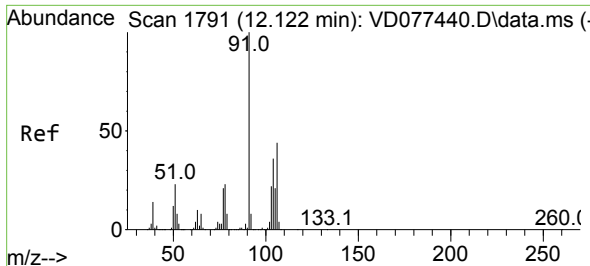
Tgt Ion: 91 Resp: 143394
Ion Ratio Lower Upper
91 100
106 29.1 26.5 39.7



#68
m/p-Xylenes
Concen: 37.016 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Tgt Ion:106 Resp: 107153
Ion Ratio Lower Upper
106 100
91 199.5 147.0 220.6

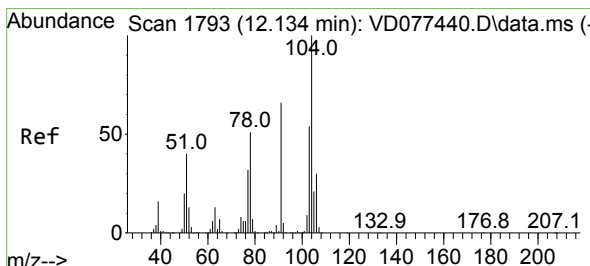
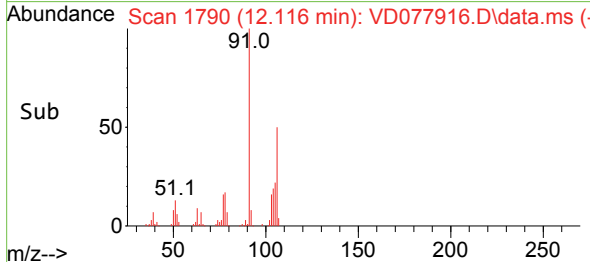
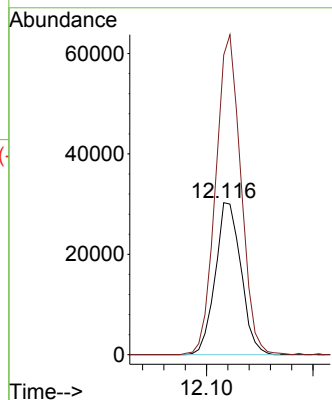
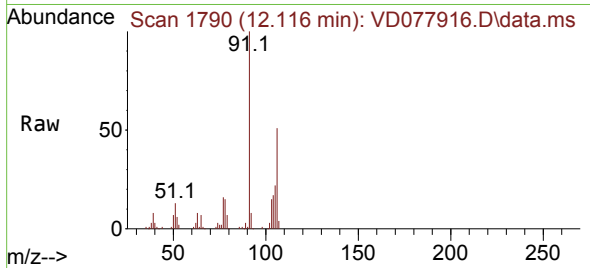




#69
o-Xylene
Concen: 18.989 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

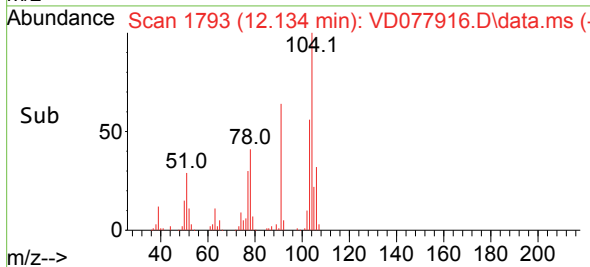
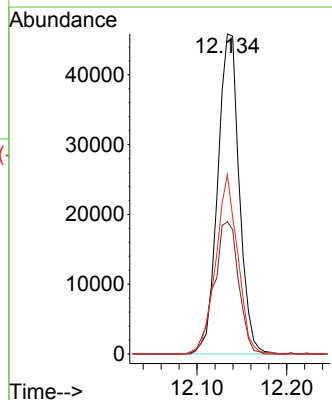
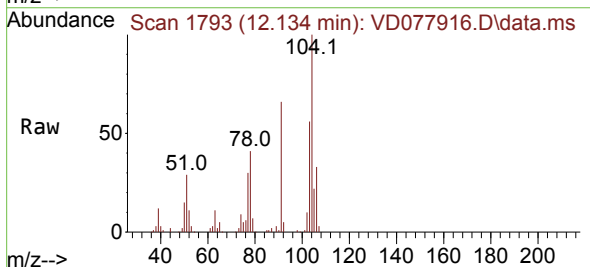
Instrument :
MSVOA_D
ClientSampleId :

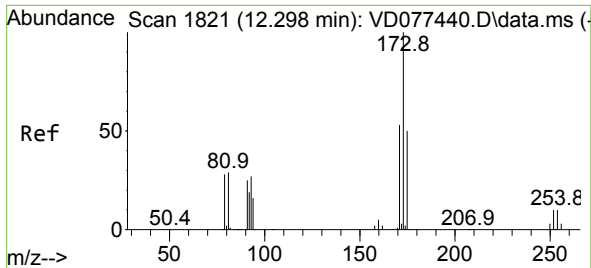
Tgt Ion:106 Resp: 50661
Ion Ratio Lower Upper
106 100
91 206.5 97.9 293.6



#70
Styrene
Concen: 19.299 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Tgt Ion:104 Resp: 76559
Ion Ratio Lower Upper
104 100
78 47.0 33.2 49.8
103 57.0 43.6 65.4

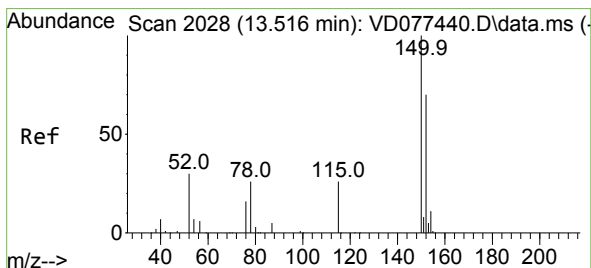
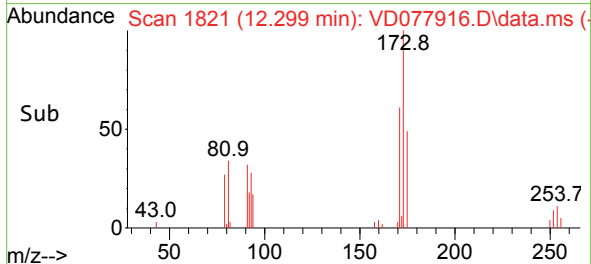
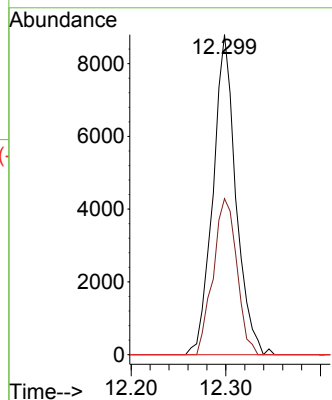
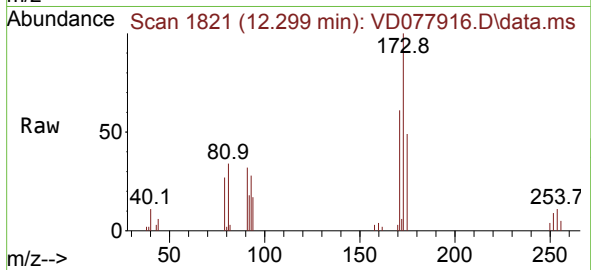




#71
Bromoform
Concen: 18.719 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

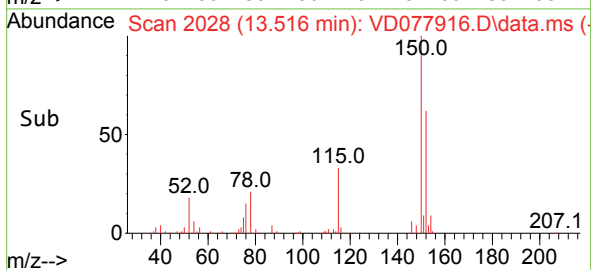
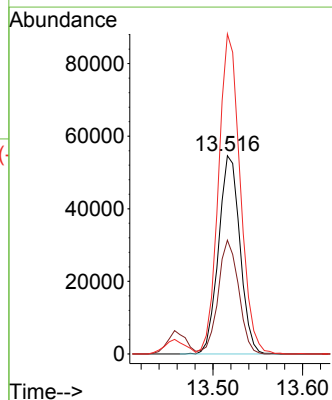
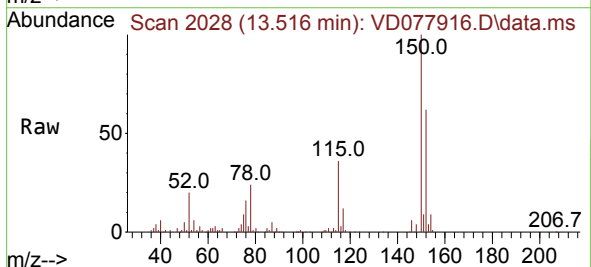
Instrument :
MSVOA_D
ClientSampleId :

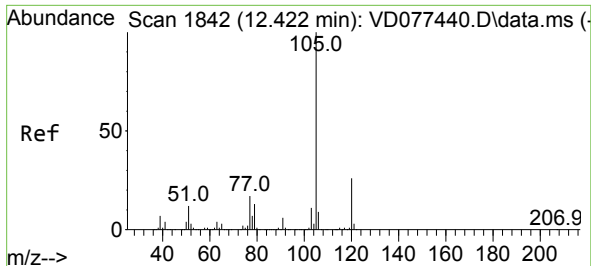
Tgt Ion:173 Resp: 14785
Ion Ratio Lower Upper
173 100
175 50.3 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

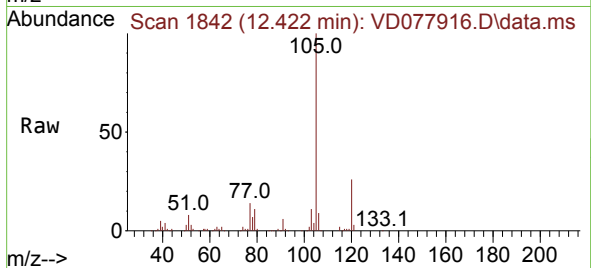
Tgt Ion:152 Resp: 90473
Ion Ratio Lower Upper
152 100
115 55.0 27.1 81.3
150 163.8 0.0 353.6



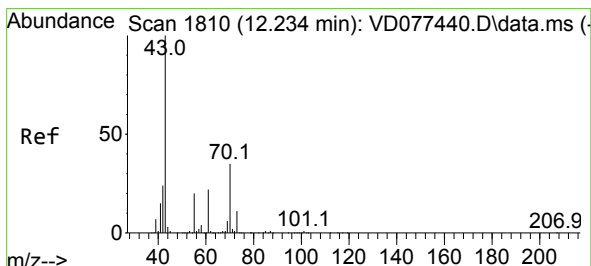
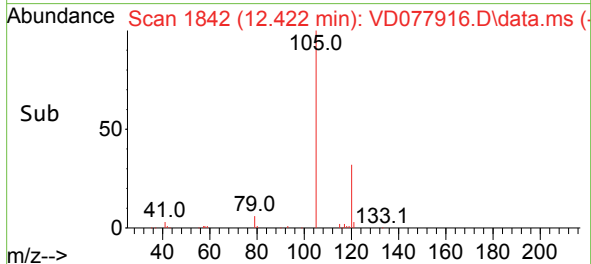
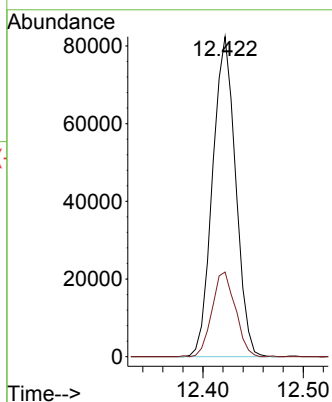


#73
Isopropylbenzene
Concen: 19.167 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Instrument :
MSVOA_D
ClientSampleId :

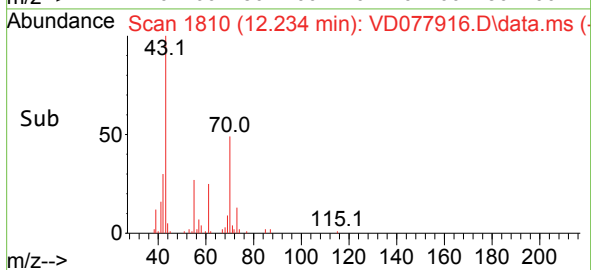
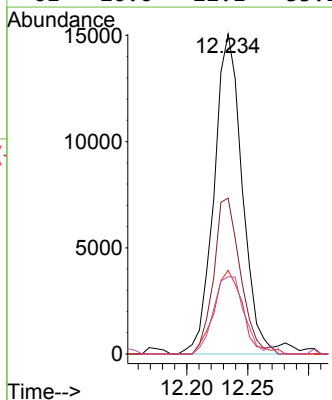
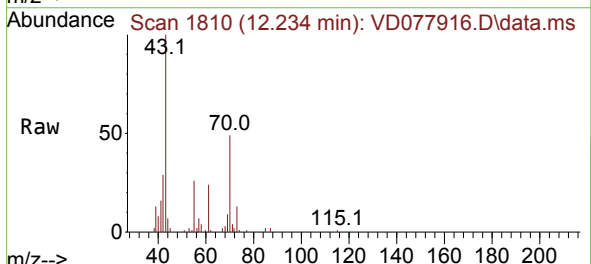


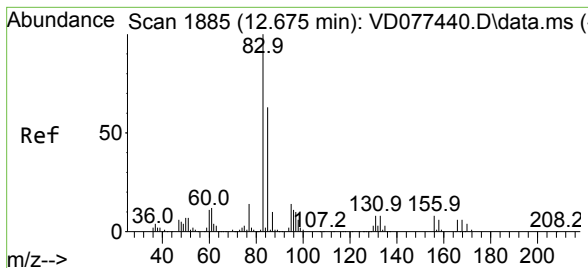
Tgt Ion:105 Resp: 131430
Ion Ratio Lower Upper
105 100
120 26.8 14.3 42.9



#74
N-ethyl acetate
Concen: 18.008 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Tgt Ion: 43 Resp: 24273
Ion Ratio Lower Upper
43 100
70 46.2 45.0 67.4
55 26.7 23.8 35.6
61 26.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.263 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD077916.D

Acq: 15 Dec 2023 22:41

Instrument :

MSVOA_D

ClientSampleId :

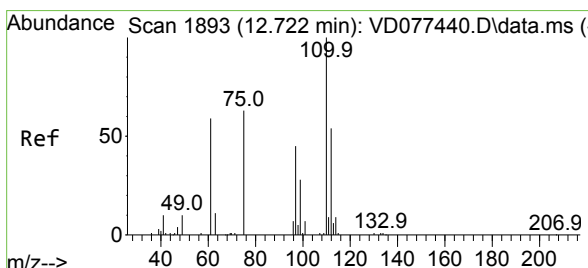
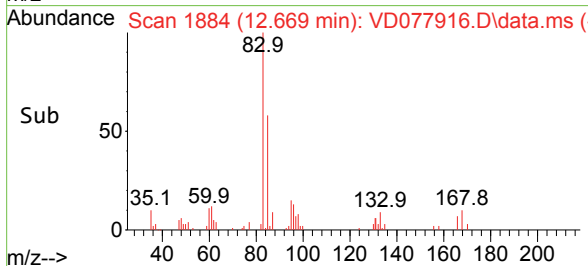
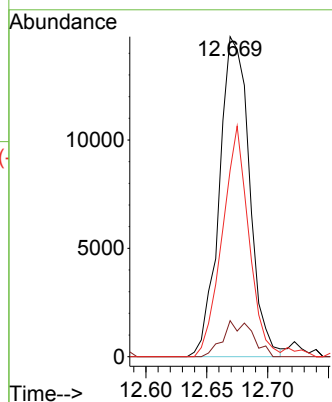
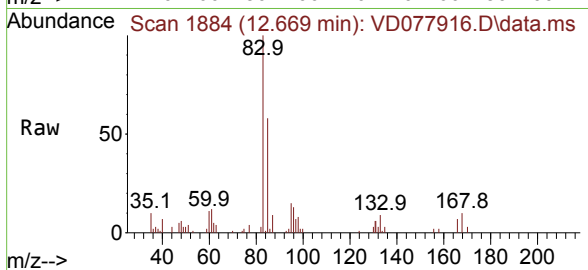
Tgt Ion: 83 Resp: 25422

Ion Ratio Lower Upper

83 100

131 11.0 5.1 15.3

85 63.5 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 38.887 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD077916.D

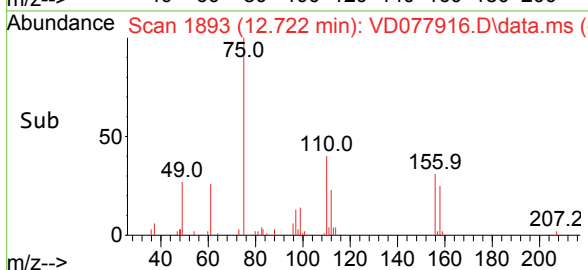
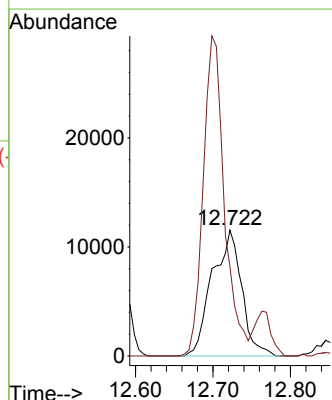
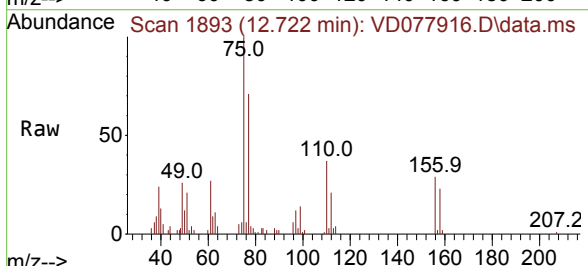
Acq: 15 Dec 2023 22:41

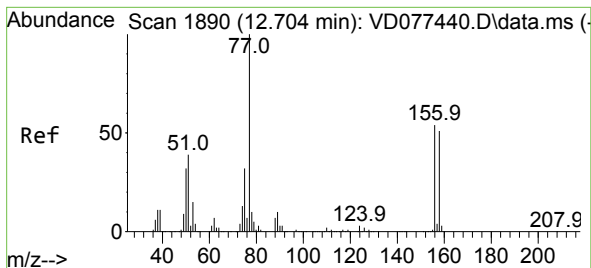
Tgt Ion: 75 Resp: 30556

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.884 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077916.D

Acq: 15 Dec 2023 22:41

Instrument :

MSVOA_D

ClientSampleId :

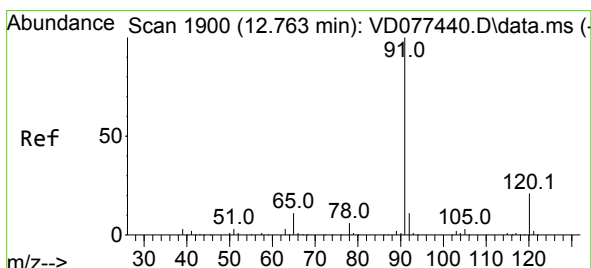
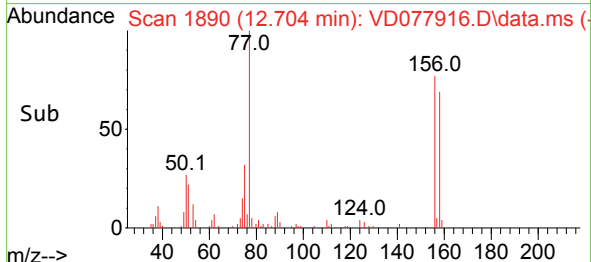
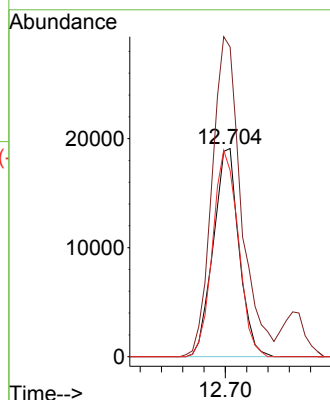
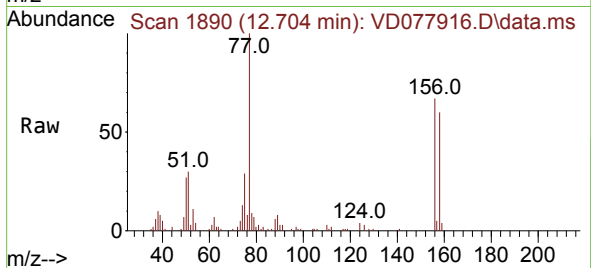
Tgt Ion:156 Resp: 32071

Ion Ratio Lower Upper

156 100

77 173.8 76.8 230.4

158 98.9 48.6 145.9



#78

n-propylbenzene

Concen: 19.457 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077916.D

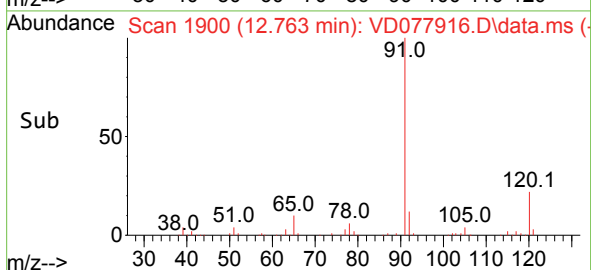
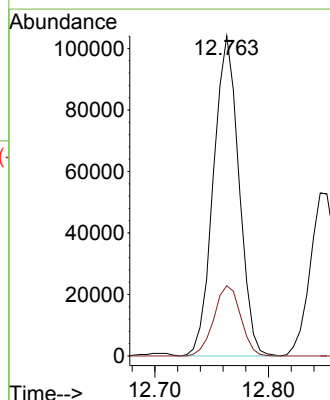
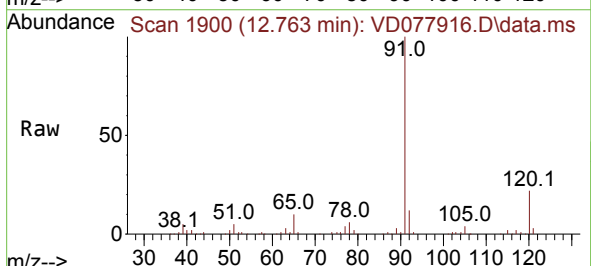
Acq: 15 Dec 2023 22:41

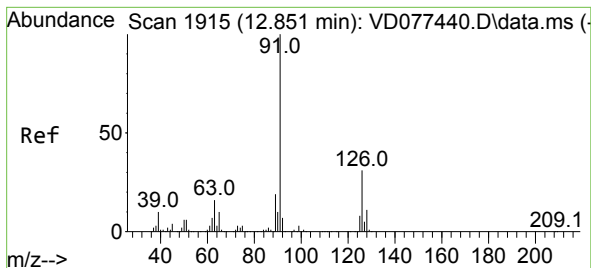
Tgt Ion: 91 Resp: 162577

Ion Ratio Lower Upper

91 100

120 23.0 12.4 37.2





#79

2-Chlorotoluene

Concen: 19.950 ug/l

RT: 12.846 min Scan# 1914

Delta R.T. -0.005 min

Lab File: VD077916.D

Acq: 15 Dec 2023 22:41

Instrument :

MSVOA_D

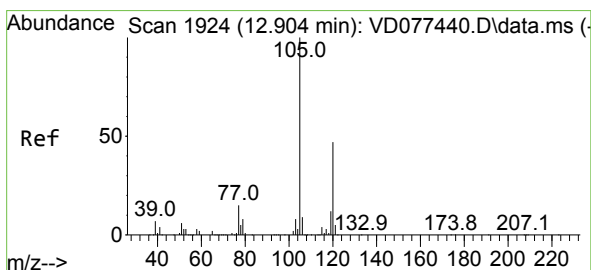
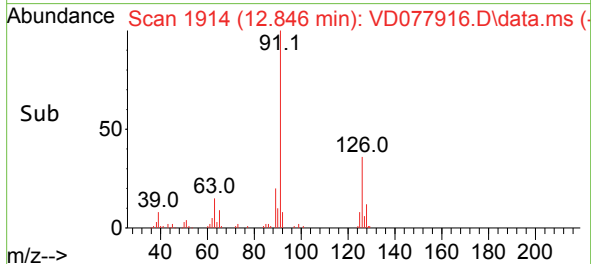
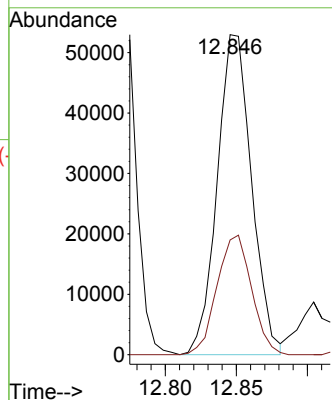
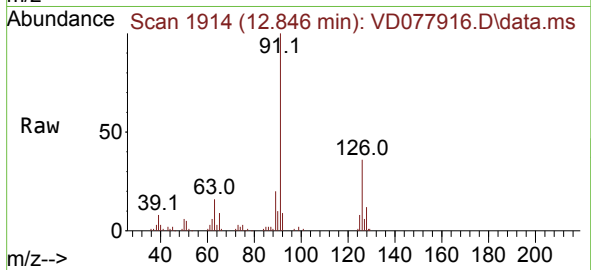
ClientSampleId :

Tgt Ion: 91 Resp: 89331

Ion Ratio Lower Upper

91 100

126 37.5 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 19.603 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077916.D

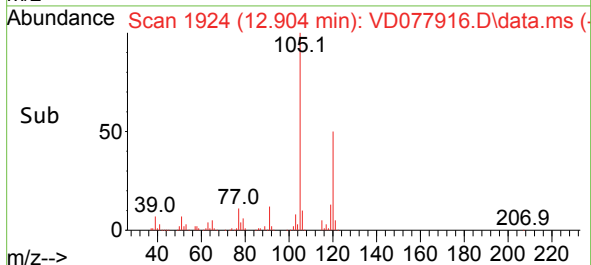
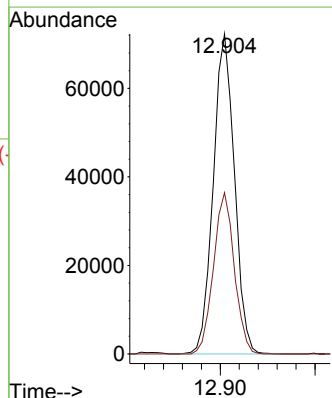
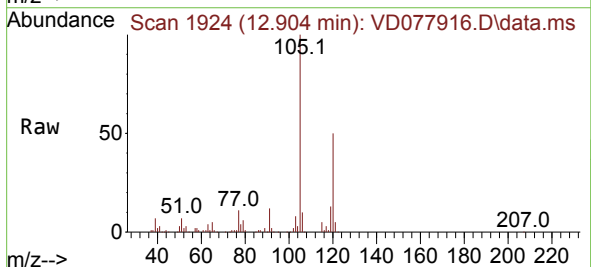
Acq: 15 Dec 2023 22:41

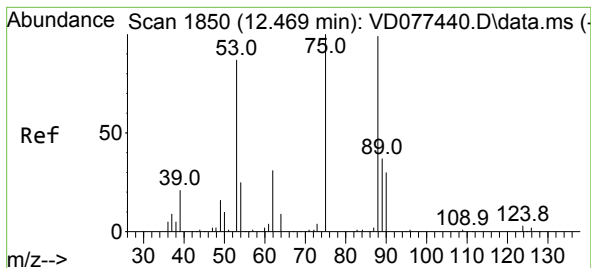
Tgt Ion:105 Resp: 112109

Ion Ratio Lower Upper

105 100

120 49.6 26.4 79.2

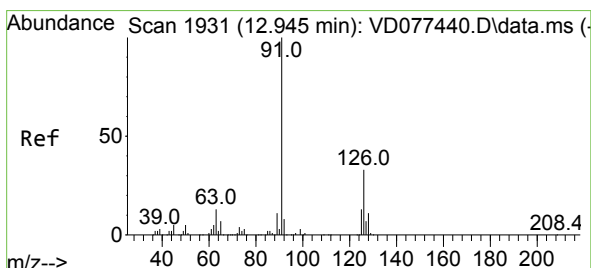
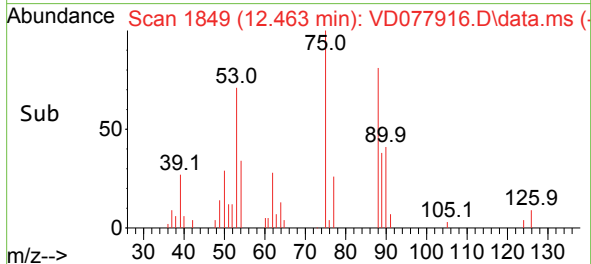
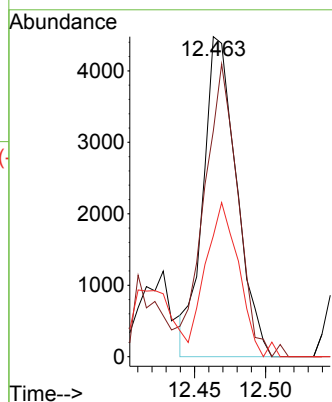
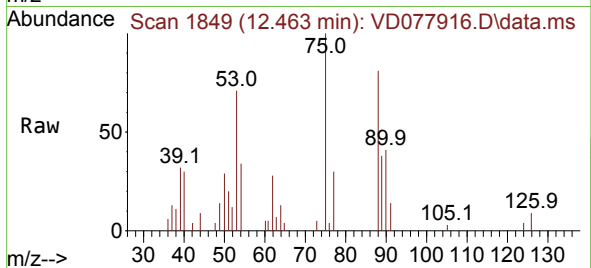




#81
trans-1,4-Dichloro-2-butene
Concen: 18.934 ug/l
RT: 12.463 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

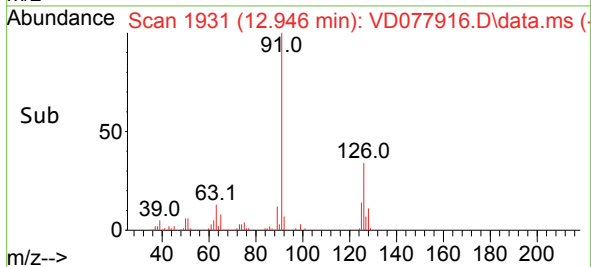
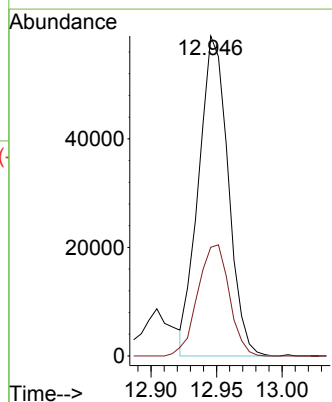
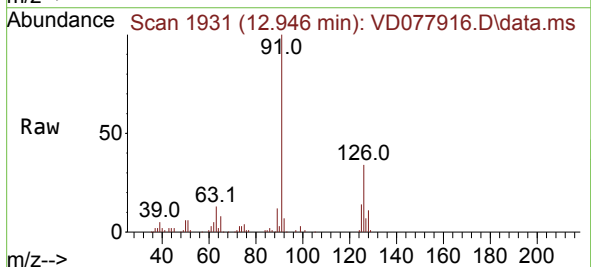
Instrument :
MSVOA_D
ClientSampleId :

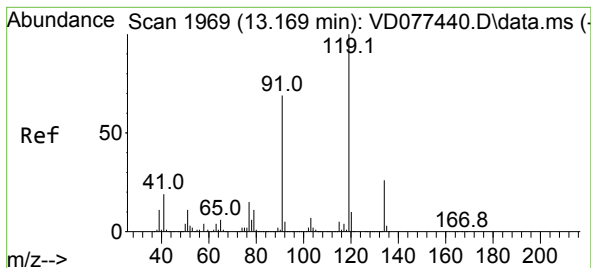
Tgt Ion: 75 Resp: 7343
Ion Ratio Lower Upper
75 100
53 93.1 63.0 94.4
89 48.0 37.9 56.9



#82
4-Chlorotoluene
Concen: 19.753 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.001 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Tgt Ion: 91 Resp: 92469
Ion Ratio Lower Upper
91 100
126 37.0 19.4 58.4





#83

tert-Butylbenzene

Concen: 19.381 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077916.D

Acq: 15 Dec 2023 22:41

Instrument :

MSVOA_D

ClientSampleId :

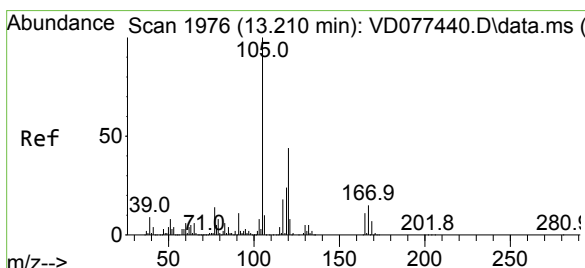
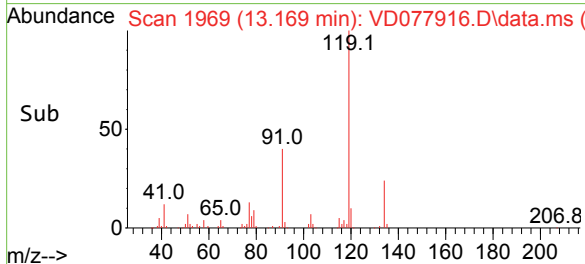
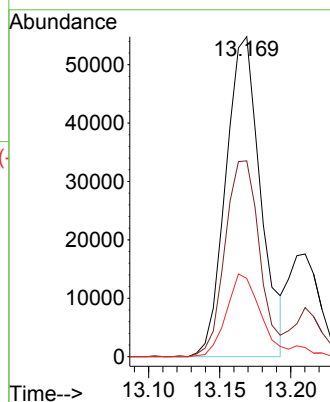
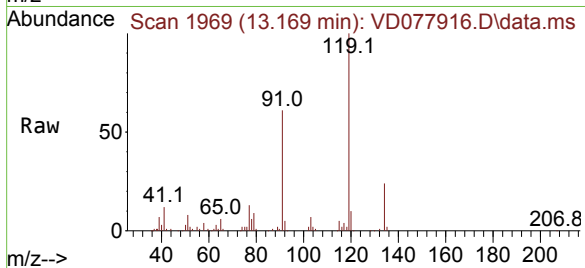
Tgt Ion:119 Resp: 93576

Ion Ratio Lower Upper

119 100

91 60.9 29.3 87.8

134 27.1 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 19.536 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077916.D

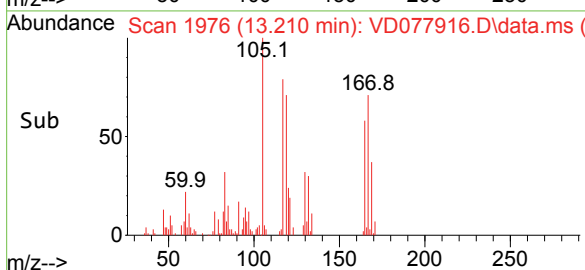
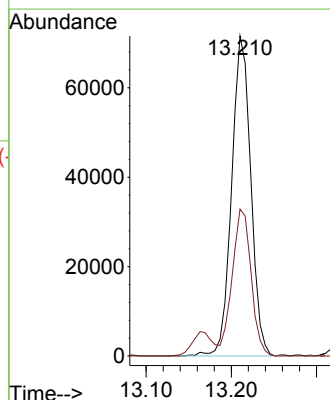
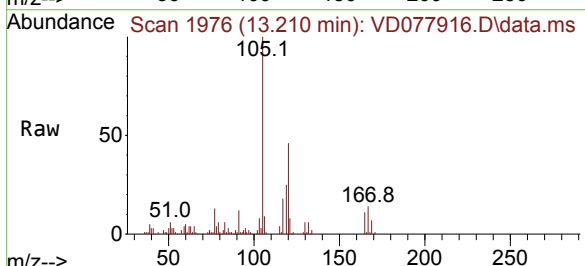
Acq: 15 Dec 2023 22:41

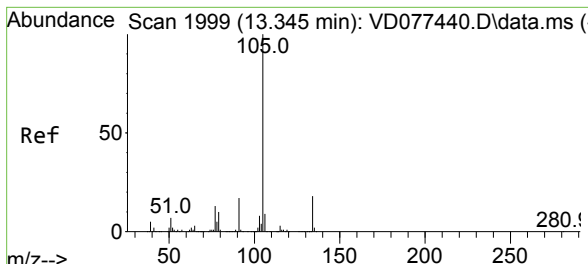
Tgt Ion:105 Resp: 111747

Ion Ratio Lower Upper

105 100

120 45.1 24.3 72.9

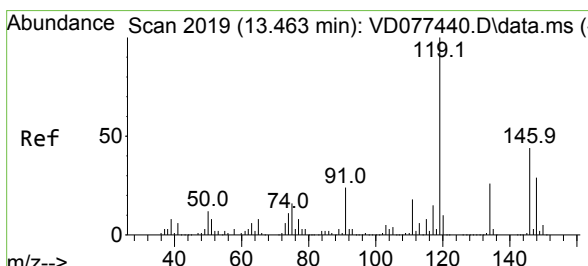
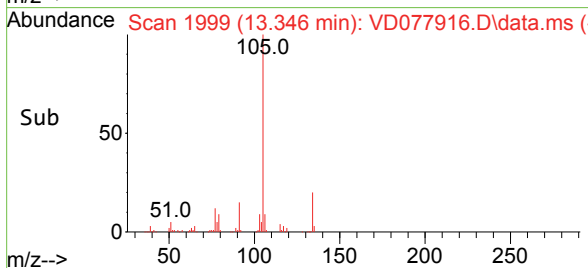
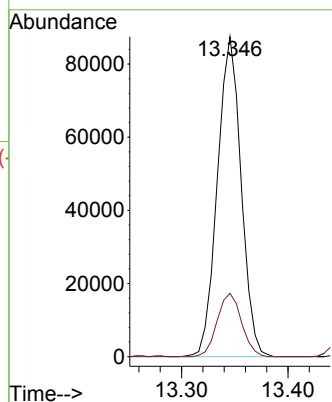
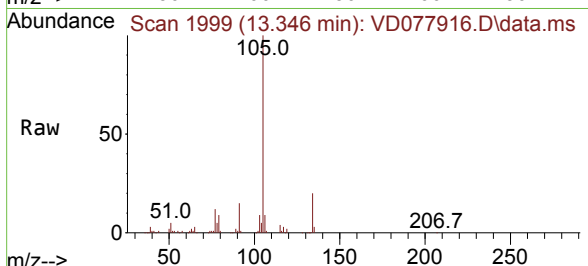




#85
 sec-Butylbenzene
 Concen: 18.926 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.001 min
 Lab File: VD077916.D
 Acq: 15 Dec 2023 22:41

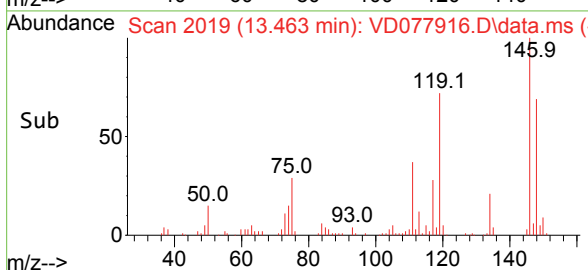
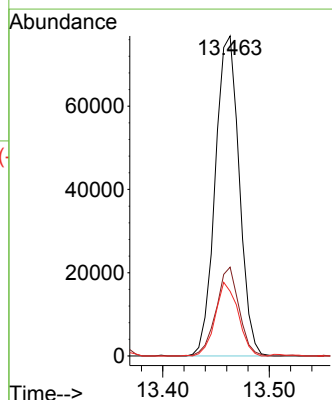
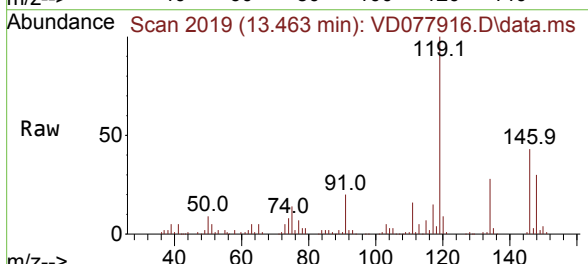
Instrument :
 MSVOA_D
 ClientSampleId :

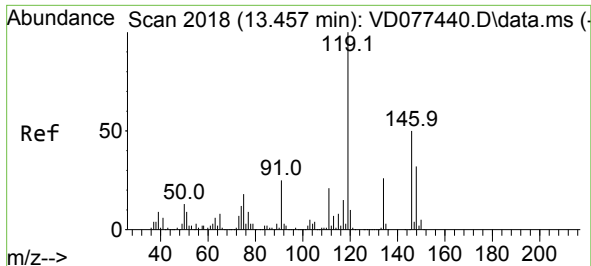
Tgt Ion:105 Resp: 135070
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 18.785 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077916.D
 Acq: 15 Dec 2023 22:41

Tgt Ion:119 Resp: 120033
 Ion Ratio Lower Upper
 119 100
 134 26.4 14.2 42.6
 91 22.0 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 19.016 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077916.D

Acq: 15 Dec 2023 22:41

Instrument :

MSVOA_D

ClientSampleId :

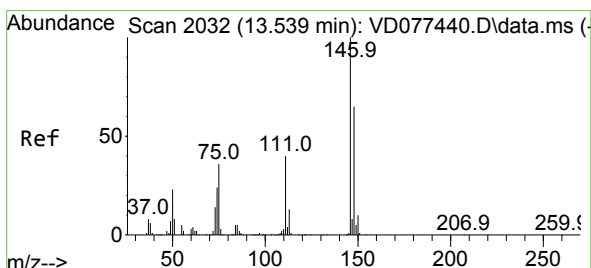
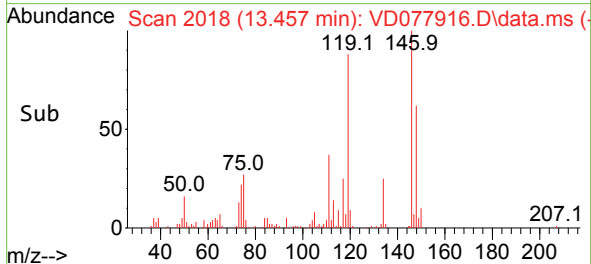
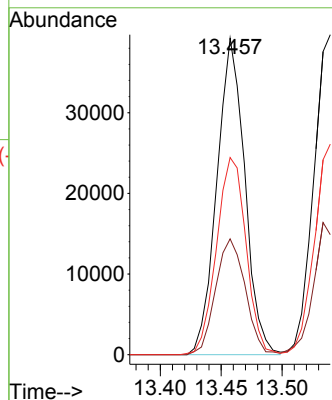
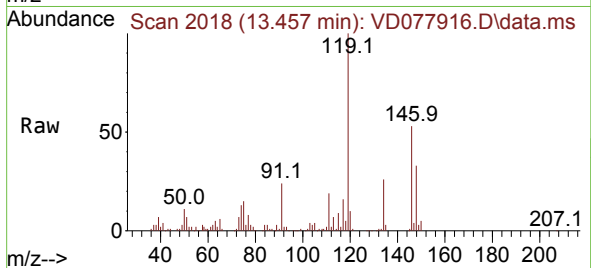
Tgt Ion:146 Resp: 62722

Ion Ratio Lower Upper

146 100

111 38.8 17.9 53.8

148 65.8 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 18.645 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.001 min

Lab File: VD077916.D

Acq: 15 Dec 2023 22:41

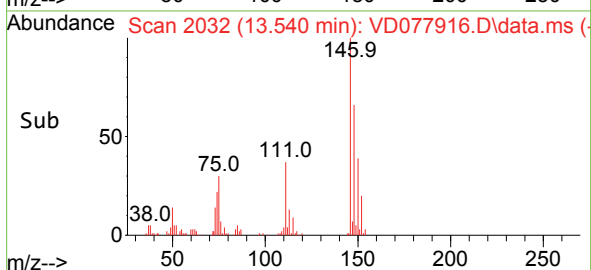
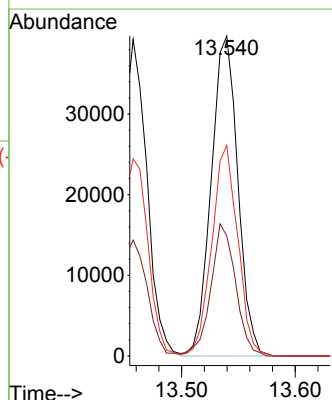
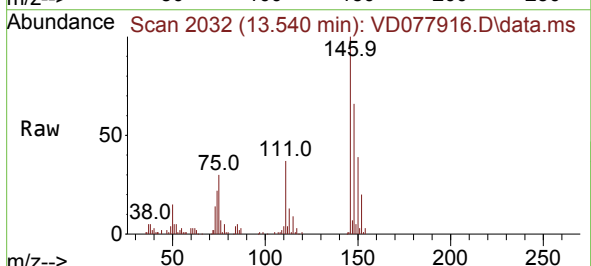
Tgt Ion:146 Resp: 64697

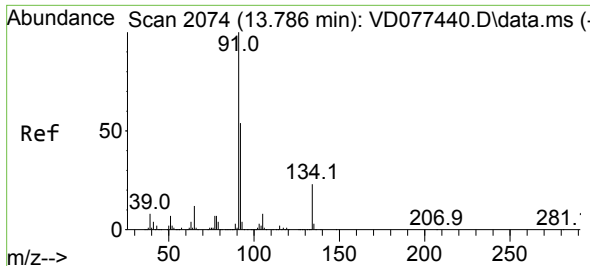
Ion Ratio Lower Upper

146 100

111 38.4 17.4 52.3

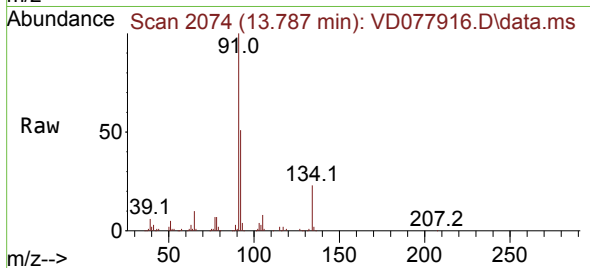
148 64.1 31.7 95.1



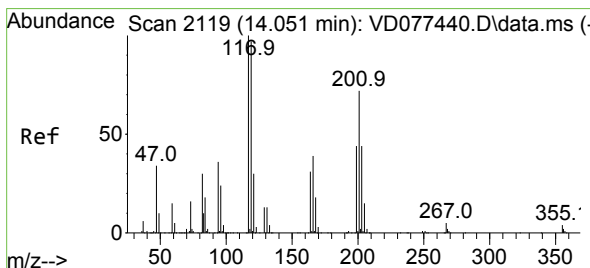
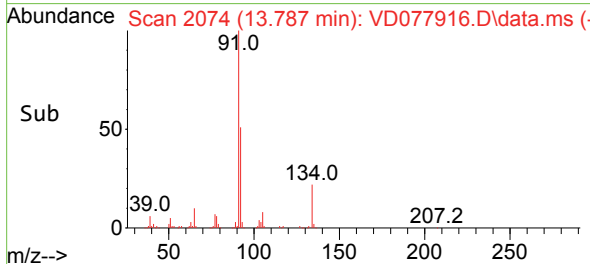
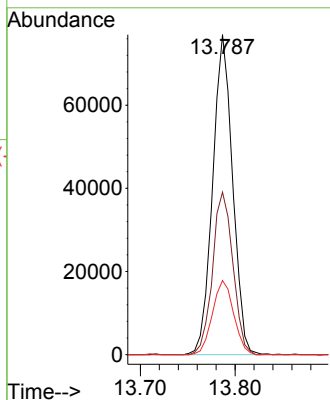


#89
n-Butylbenzene
Concen: 18.756 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.001 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Instrument :
MSVOA_D
ClientSampleId :

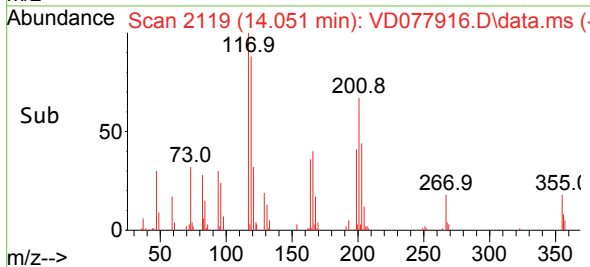
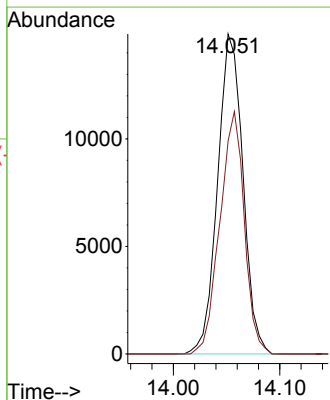
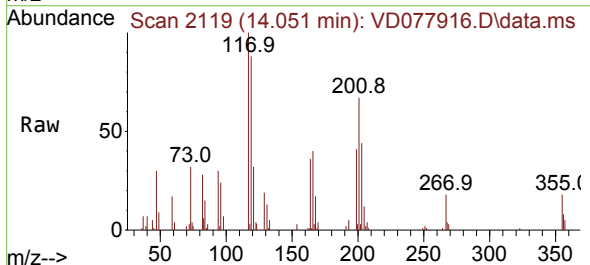


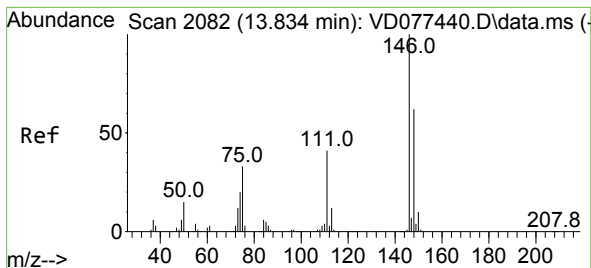
Tgt Ion: 91 Resp: 112771
Ion Ratio Lower Upper
91 100
92 51.9 26.5 79.5
134 24.7 13.8 41.3



#90
Hexachloroethane
Concen: 20.865 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Tgt Ion: 117 Resp: 24519
Ion Ratio Lower Upper
117 100
201 73.3 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 19.839 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

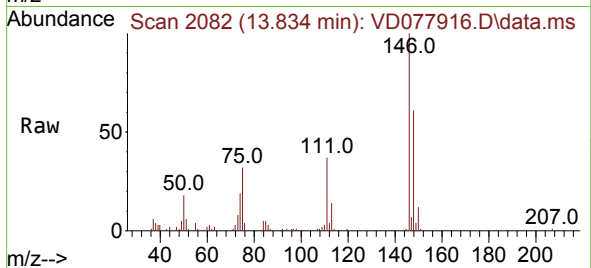
Lab File: VD077916.D

Acq: 15 Dec 2023 22:41

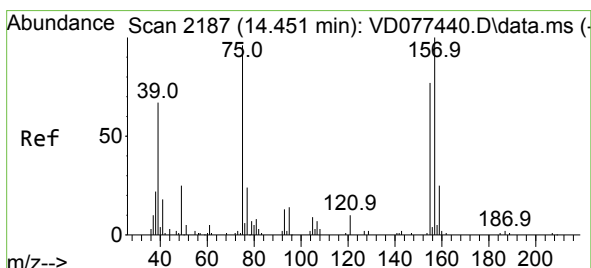
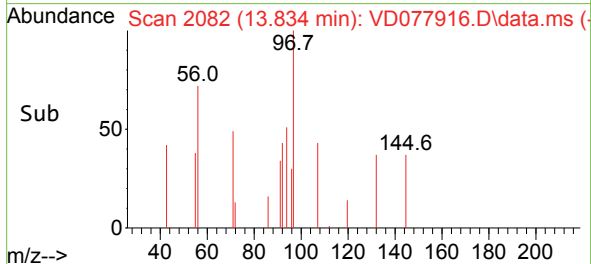
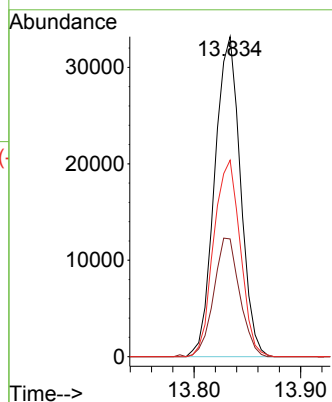
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	146	Resp:	55652
Ion Ratio	Lower	Upper	
146	100		
111	37.5	18.3	54.8
148	63.4	31.6	94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.655 ug/l

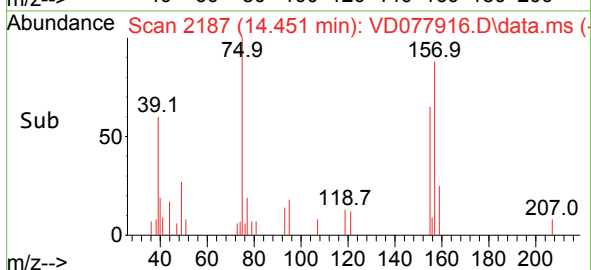
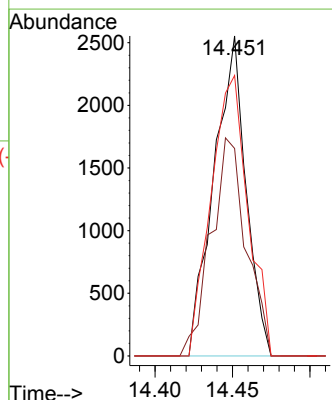
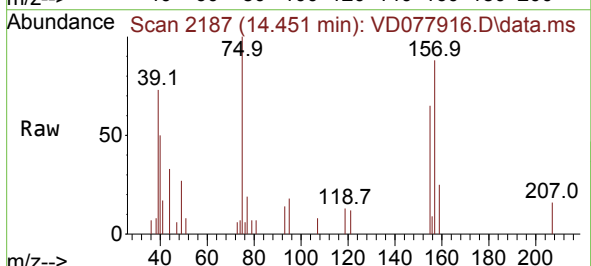
RT: 14.451 min Scan# 2187

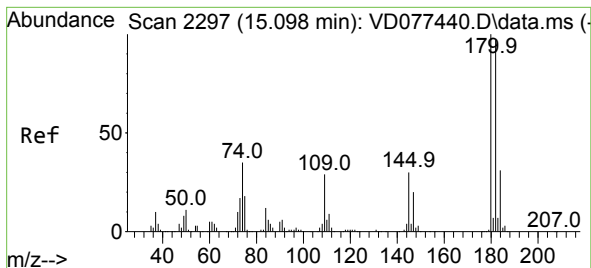
Delta R.T. 0.000 min

Lab File: VD077916.D

Acq: 15 Dec 2023 22:41

Tgt Ion:	75	Resp:	3677
Ion Ratio	Lower	Upper	
75	100		
155	74.7	47.9	143.8
157	100.7	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 17.332 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

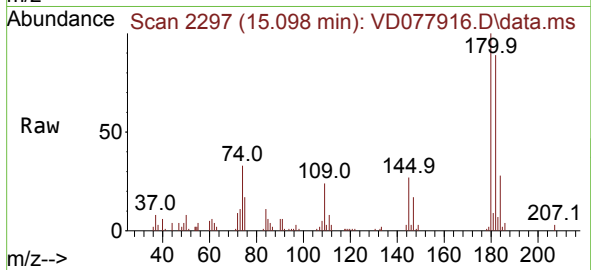
Lab File: VD077916.D

Acq: 15 Dec 2023 22:41

Instrument :

MSVOA_D

ClientSampleId :



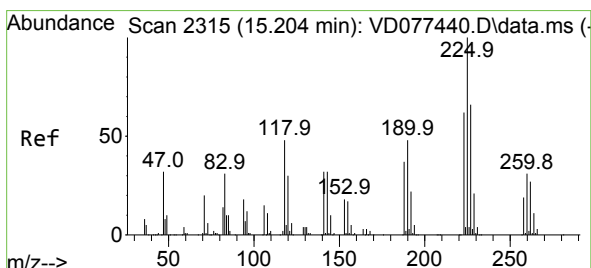
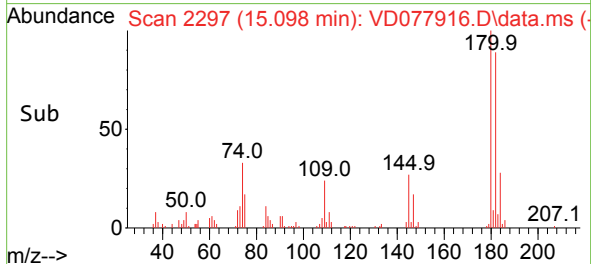
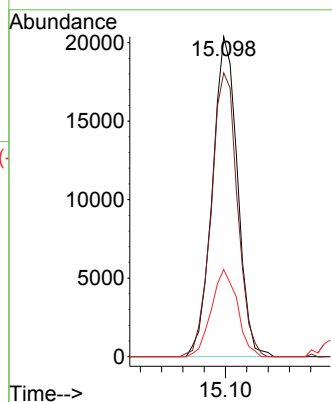
Tgt Ion:180 Resp: 33210

Ion Ratio Lower Upper

180 100

182 92.4 48.5 145.6

145 28.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 17.038 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077916.D

Acq: 15 Dec 2023 22:41

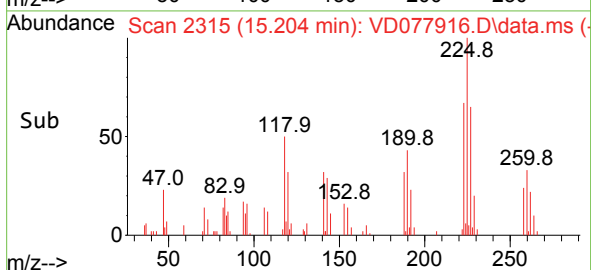
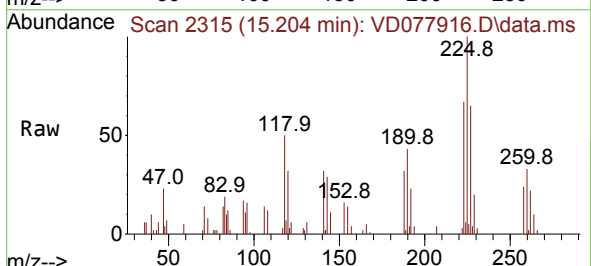
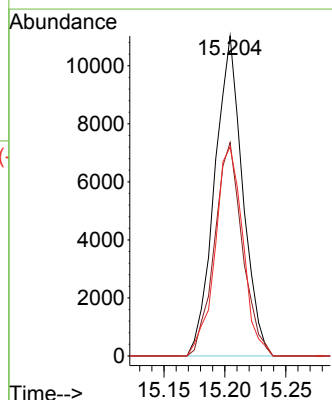
Tgt Ion:225 Resp: 17604

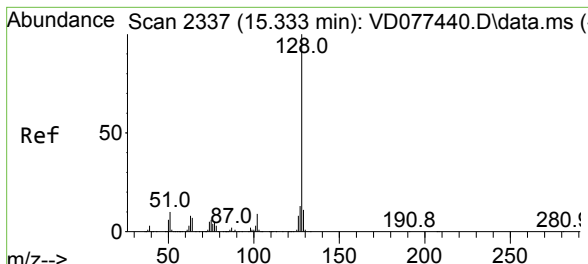
Ion Ratio Lower Upper

225 100

223 66.6 31.6 94.8

227 65.0 31.7 95.1

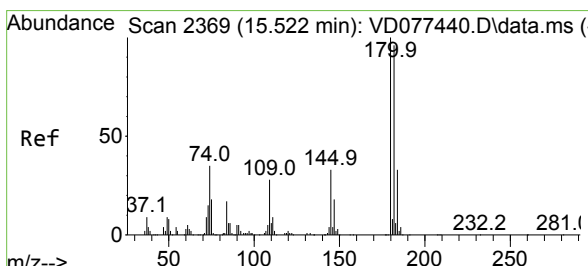
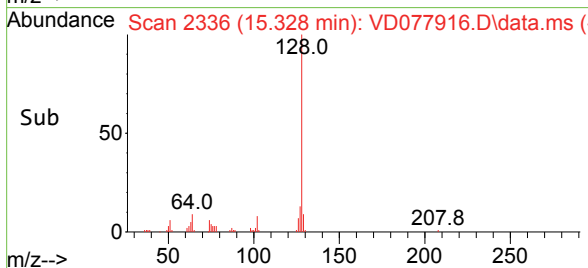
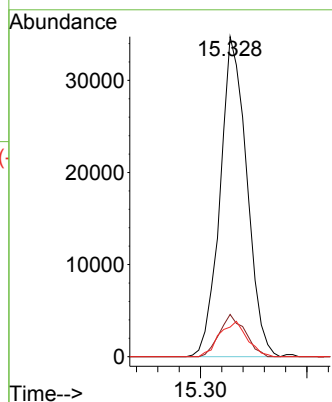
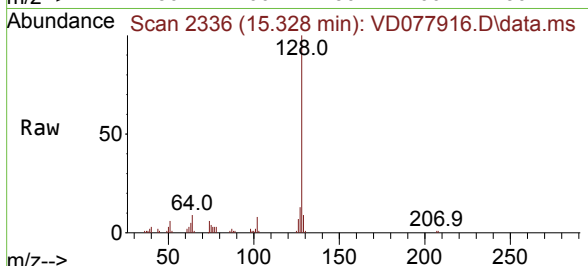




#95
Naphthalene
Concen: 18.955 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.005 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 60345
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 9.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.058 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD077916.D
Acq: 15 Dec 2023 22:41

Tgt Ion:180 Resp: 28525
Ion Ratio Lower Upper
180 100
182 95.7 47.3 141.9
145 33.7 15.1 45.3

