

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
 Data File : VD077895.D
 Acq On : 15 Dec 2023 11:04
 Operator : RP/MD
 Sample : VD1215SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 16 03:57:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	120644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	200794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	190011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	98545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	71138	50.040	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.080%	
35) Dibromofluoromethane	7.810	113	73932	52.565	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.120%	
50) Toluene-d8	10.275	98	299712	53.205	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.400%	
62) 4-Bromofluorobenzene	12.575	95	87960	52.227	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.460%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	31672	21.016	ug/l	91
3) Chloromethane	2.152	50	46571	22.671	ug/l	96
4) Vinyl Chloride	2.293	62	63017	22.597	ug/l	99
5) Bromomethane	2.693	94	39398	25.178	ug/l	98
6) Chloroethane	2.840	64	43158	22.700	ug/l	98
7) Trichlorofluoromethane	3.187	101	56424	21.969	ug/l	98
8) Diethyl Ether	3.599	74	15866	21.999	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.975	101	32593	22.182	ug/l	97
10) Methyl Iodide	4.169	142	25549	23.906	ug/l #	88
11) Tert butyl alcohol	5.057	59	7746	106.686	ug/l #	87
12) 1,1-Dichloroethene	3.946	96	30959	21.348	ug/l	86
13) Acrolein	3.804	56	15327	101.921	ug/l	98
14) Allyl chloride	4.569	41	40705	20.409	ug/l	87
15) Acrylonitrile	5.257	53	33749	109.295	ug/l	94
16) Acetone	4.022	43	47489	140.783	ug/l #	82
17) Carbon Disulfide	4.281	76	97725	19.919	ug/l	97
18) Methyl Acetate	4.569	43	23197	20.719	ug/l	90
19) Methyl tert-butyl Ether	5.322	73	65508	21.291	ug/l	100
20) Methylene Chloride	4.810	84	40484	21.262	ug/l #	84
21) trans-1,2-Dichloroethene	5.322	96	34901	21.248	ug/l	93
22) Diisopropyl ether	6.228	45	88177	21.156	ug/l #	94
23) Vinyl Acetate	6.163	43	212816	104.558	ug/l	95
24) 1,1-Dichloroethane	6.116	63	60399	21.399	ug/l	96
25) 2-Butanone	7.081	43	49257	118.126	ug/l #	78
26) 2,2-Dichloropropane	7.075	77	50548	21.330	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	38837	21.974	ug/l	88
28) Bromochloromethane	7.434	49	22873	20.055	ug/l #	77
29) Tetrahydrofuran	7.451	42	24520	108.314	ug/l	88
30) Chloroform	7.598	83	61909	21.916	ug/l	93
31) Cyclohexane	7.887	56	52845	20.899	ug/l	96
32) 1,1,1-Trichloroethane	7.798	97	53787	21.599	ug/l	98
36) 1,1-Dichloropropene	8.016	75	48000	21.336	ug/l	95
37) Ethyl Acetate	7.169	43	17785	20.274	ug/l	97
38) Carbon Tetrachloride	7.992	117	49387	22.020	ug/l	97
39) Methylcyclohexane	9.281	83	56539	21.199	ug/l	94
40) Benzene	8.251	78	140106	21.942	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	9885	22.170	ug/l #	86
42) 1,2-Dichloroethane	8.328	62	37179	22.463	ug/l	93
43) Isopropyl Acetate	8.363	43	33593	21.542	ug/l #	75
44) Trichloroethene	9.028	130	36575	21.980	ug/l	96
45) 1,2-Dichloropropane	9.304	63	34293	22.092	ug/l	96
46) Dibromomethane	9.398	93	18351	22.343	ug/l	92
47) Bromodichloromethane	9.586	83	46741	22.453	ug/l	98
48) Methyl methacrylate	9.381	41	19333	21.810	ug/l #	81
49) 1,4-Dioxane	9.398	88	3769	462.148	ug/l #	82
51) 4-Methyl-2-Pentanone	10.157	43	84653	106.368	ug/l	92
52) Toluene	10.333	92	86847	21.926	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	45151	22.586	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	53110	21.974	ug/l #	90
55) 1,1,2-Trichloroethane	10.733	97	25582	22.771	ug/l	95
56) Ethyl methacrylate	10.598	69	21144	21.350	ug/l #	83
57) 1,3-Dichloropropane	10.881	76	43253	22.336	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	63871	113.093	ug/l	92
59) 2-Hexanone	10.922	43	76405	115.717	ug/l	87
60) Dibromochloromethane	11.075	129	30570	22.601	ug/l	98
61) 1,2-Dibromoethane	11.180	107	23007	21.756	ug/l	99
64) Tetrachloroethene	10.810	164	27079	19.390	ug/l	94
65) Chlorobenzene	11.610	112	92308	19.474	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.680	131	33934	21.476	ug/l	96
67) Ethyl Benzene	11.686	91	165861	20.967	ug/l	98
68) m/p-Xylenes	11.792	106	127540	42.149	ug/l	92
69) o-Xylene	12.122	106	58888	21.116	ug/l	94
70) Styrene	12.139	104	88782	21.410	ug/l	94
71) Bromoform	12.298	173	17664	21.395	ug/l #	97
73) Isopropylbenzene	12.422	105	154266	20.655	ug/l	97
74) N-amyl acetate	12.233	43	29060	19.794	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	28272	21.710	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	35695	41.706	ug/l #	100
77) Bromobenzene	12.704	156	37162	21.154	ug/l	91
78) n-propylbenzene	12.763	91	195081	21.435	ug/l	95
79) 2-Chlorotoluene	12.851	91	101889	20.890	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	128179	20.577	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	9129	21.611	ug/l	97
82) 4-Chlorotoluene	12.945	91	108977	21.373	ug/l	97
83) tert-Butylbenzene	13.169	119	111340	21.172	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	129303	20.753	ug/l	98
85) sec-Butylbenzene	13.345	105	164671	21.183	ug/l	95
86) p-Isopropyltoluene	13.463	119	143350	20.597	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	75250	20.946	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	76122	20.274	ug/l	98
89) n-Butylbenzene	13.786	91	140147	21.400	ug/l	98
90) Hexachloroethane	14.057	117	28093	21.948	ug/l	95
91) 1,2-Dichlorobenzene	13.833	146	63903	20.915	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3805	19.573	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	41053	19.671	ug/l	95
94) Hexachlorobutadiene	15.210	225	22713	20.182	ug/l	96
95) Naphthalene	15.333	128	70173	20.237	ug/l	99
96) 1,2,3-Trichlorobenzene	15.527	180	33305	19.357	ug/l	96

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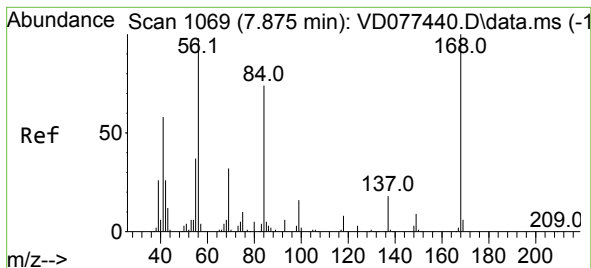
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

Instrument :

MSVOA_D

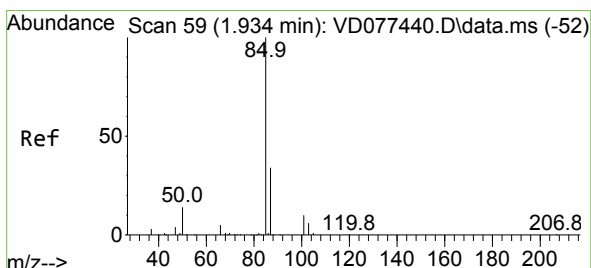
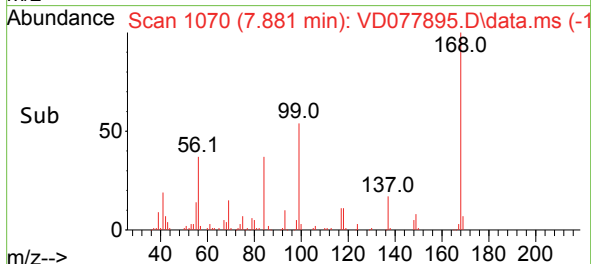
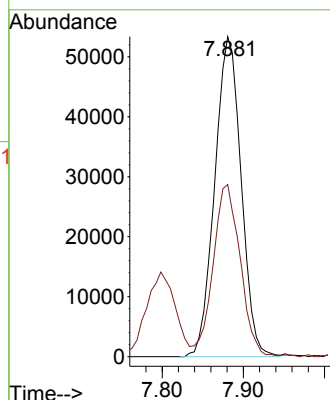
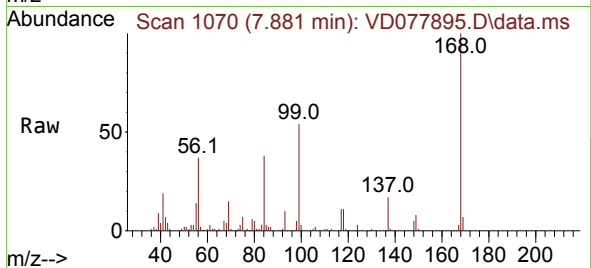
ClientSampleId :

Tgt Ion:168 Resp: 120644

Ion Ratio Lower Upper

168 100

99 53.3 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 21.016 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD077895.D

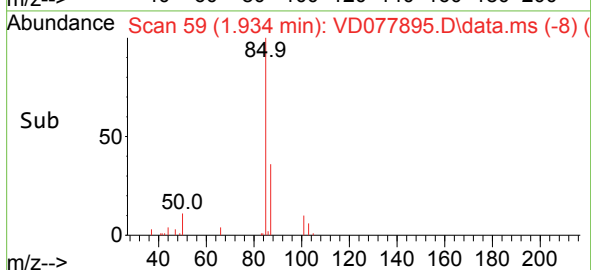
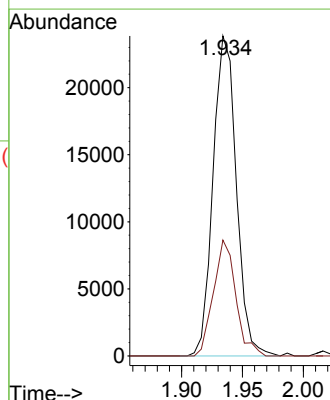
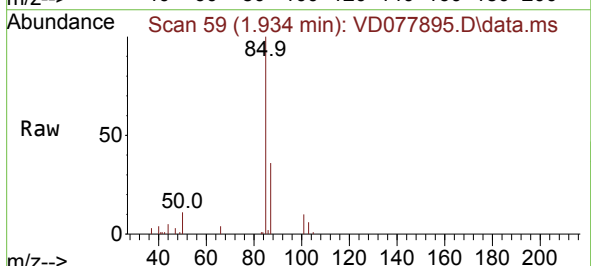
Acq: 15 Dec 2023 11:04

Tgt Ion: 85 Resp: 31672

Ion Ratio Lower Upper

85 100

87 36.2 15.7 47.0

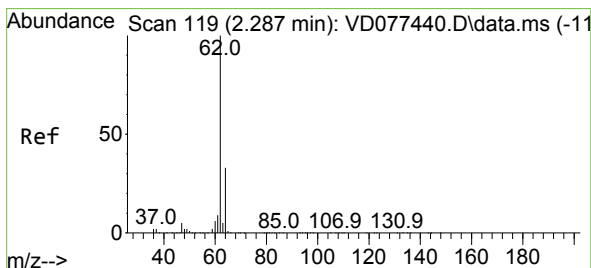
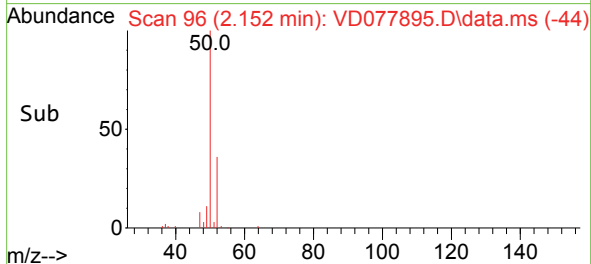
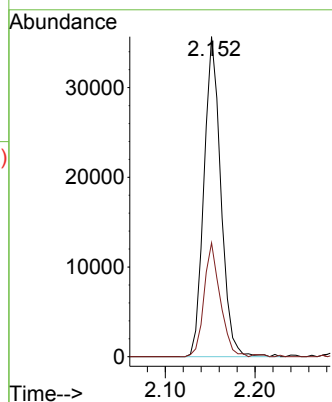
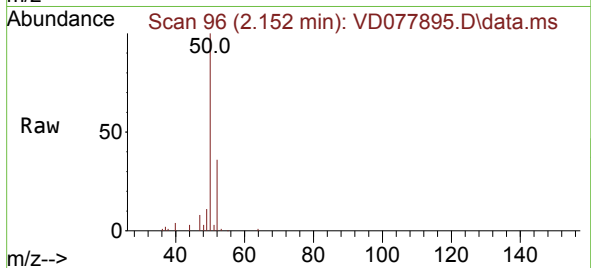




#3
Chloromethane
Concen: 22.671 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

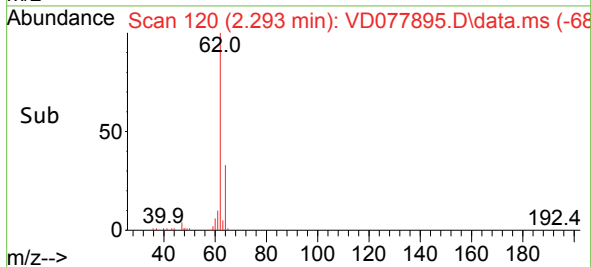
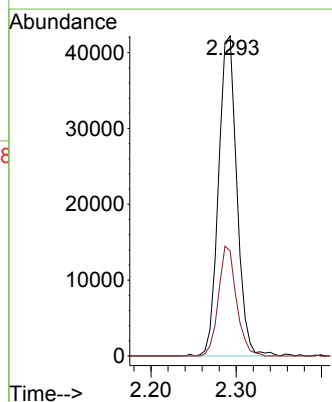
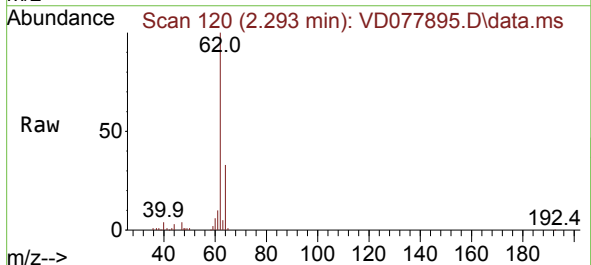
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 46571
Ion Ratio Lower Upper
50 100
52 35.6 26.6 40.0



#4
Vinyl Chloride
Concen: 22.597 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion: 62 Resp: 63017
Ion Ratio Lower Upper
62 100
64 32.8 26.0 39.0

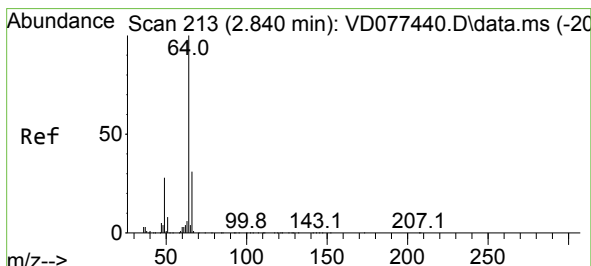
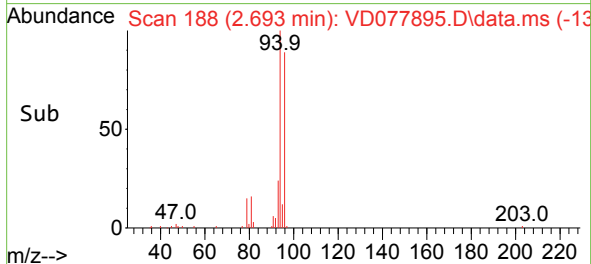
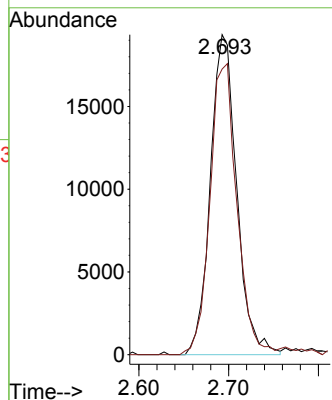
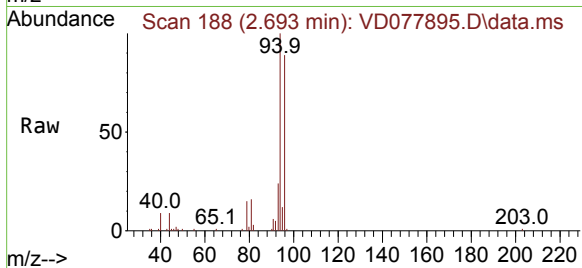




#5
Bromomethane
Concen: 25.178 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

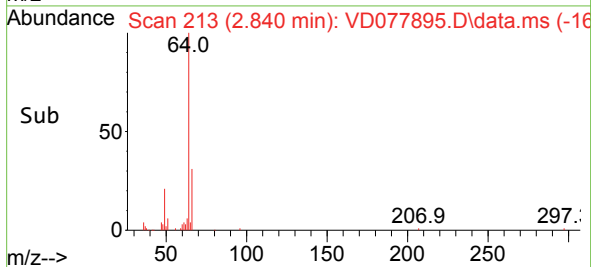
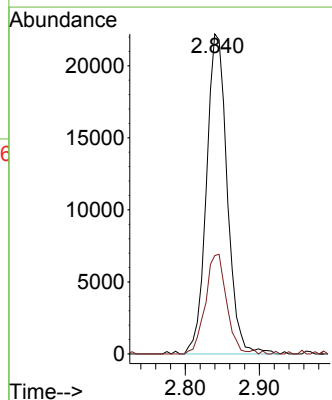
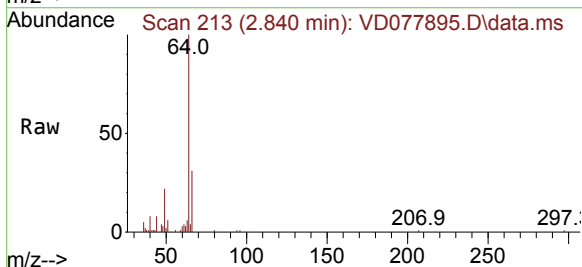
Instrument :
MSVOA_D
ClientSampleId :

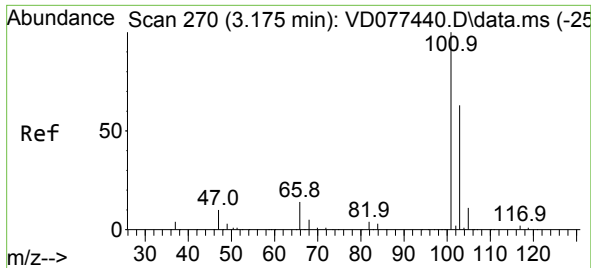
Tgt Ion: 94 Resp: 39398
Ion Ratio Lower Upper
94 100
96 93.1 75.8 113.8



#6
Chloroethane
Concen: 22.700 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion: 64 Resp: 43158
Ion Ratio Lower Upper
64 100
66 30.8 25.5 38.3

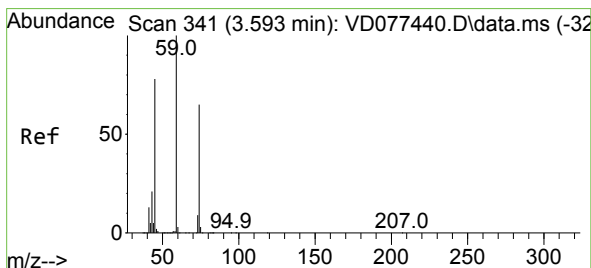
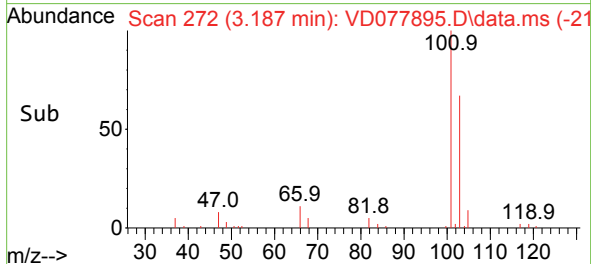
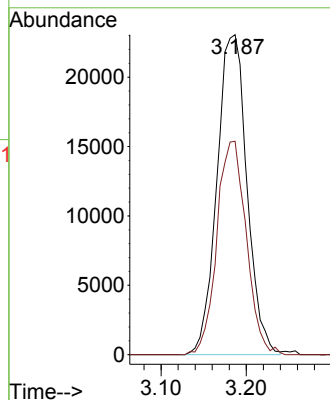
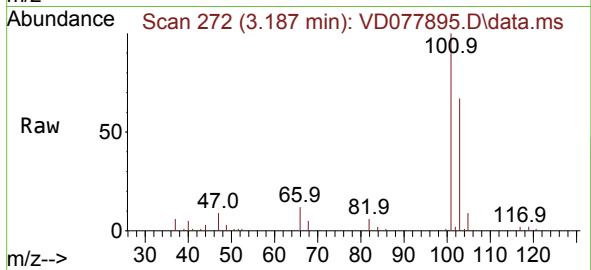




#7
Trichlorofluoromethane
Concen: 21.969 ug/l
RT: 3.187 min Scan# 21
Delta R.T. 0.012 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

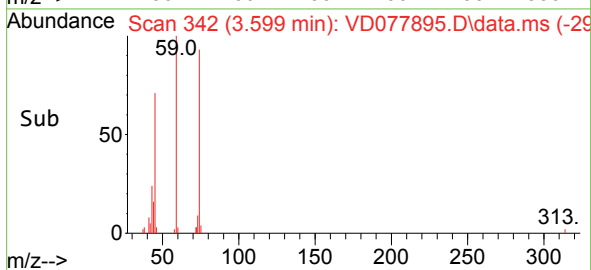
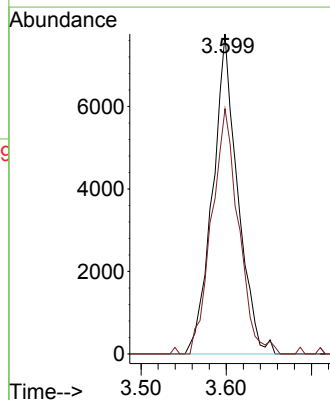
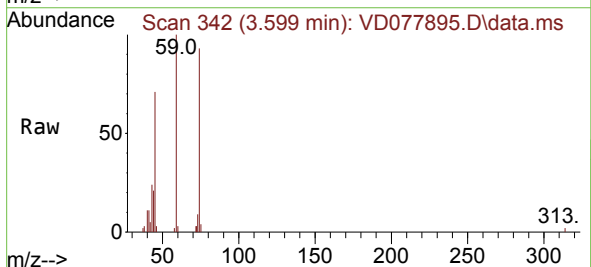
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:101 Resp: 56424
Ion Ratio Lower Upper
101 100
103 66.7 52.3 78.5



#8
Diethyl Ether
Concen: 21.999 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion: 74 Resp: 15866
Ion Ratio Lower Upper
74 100
45 82.2 37.5 112.7

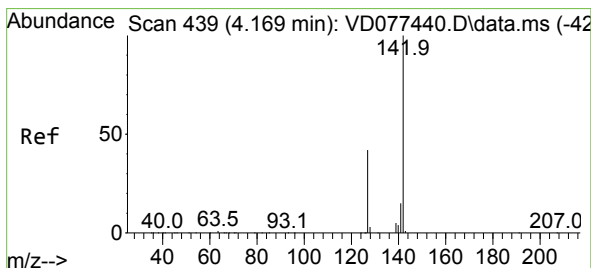
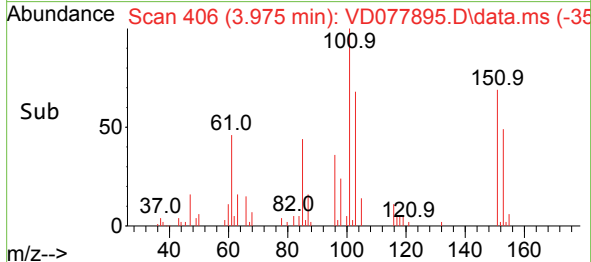
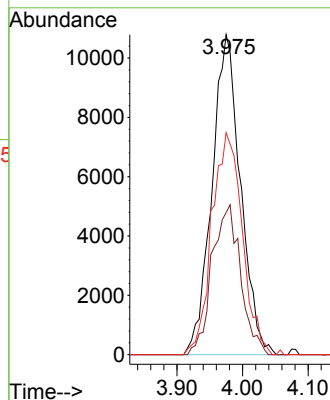
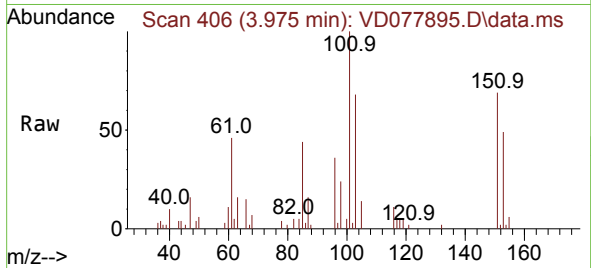




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.182 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

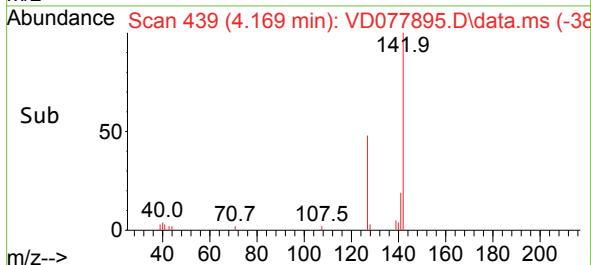
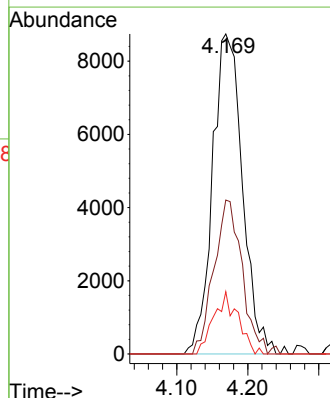
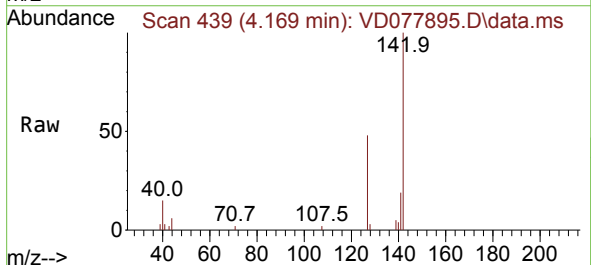
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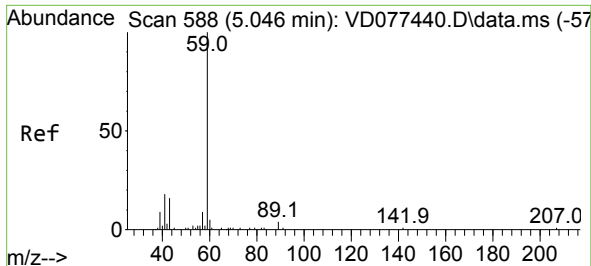
Tgt Ion:101 Resp: 32593
Ion Ratio Lower Upper
101 100
85 46.8 33.8 50.6
151 73.8 59.8 89.6



#10
Methyl Iodide
Concen: 23.906 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

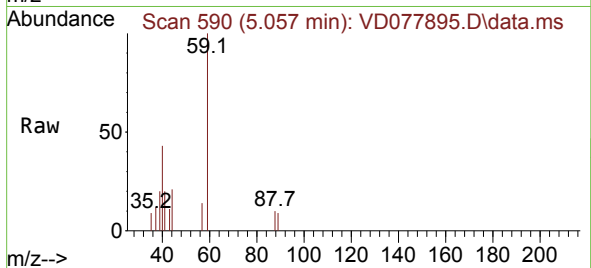
Tgt Ion:142 Resp: 25549
Ion Ratio Lower Upper
142 100
127 45.5 29.4 44.0#
141 15.8 11.1 16.7



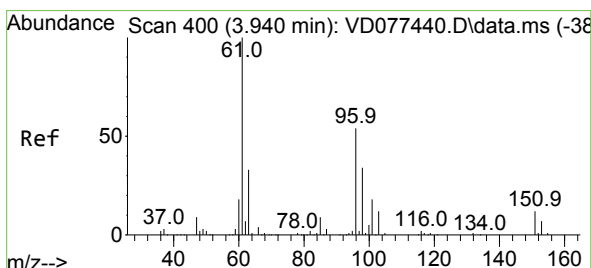
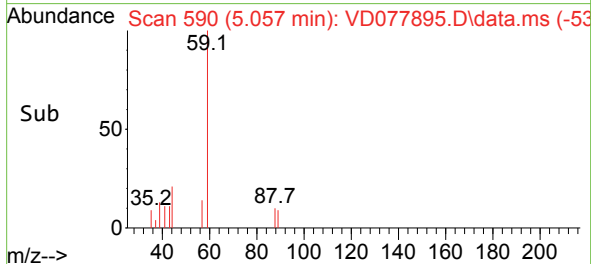
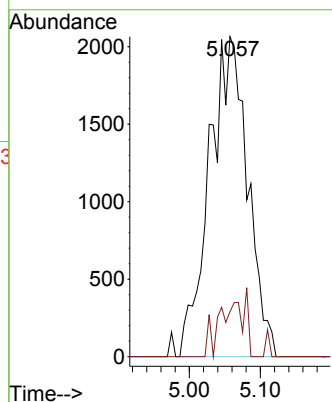


#11
Tert butyl alcohol
Concen: 106.686 ug/l
RT: 5.057 min Scan# 59
Delta R.T. 0.011 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :

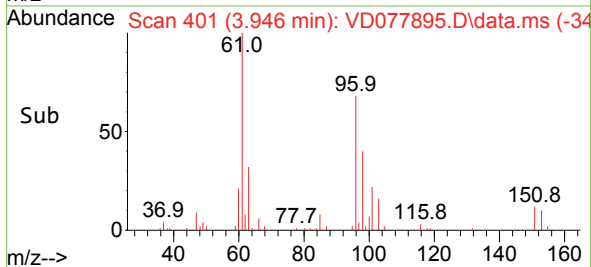
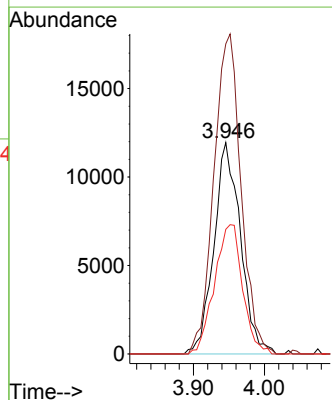
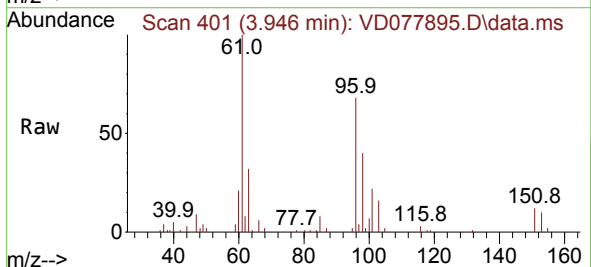


Tgt Ion: 59 Resp: 7746
Ion Ratio Lower Upper
59 100
57 4.9 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 21.348 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion: 96 Resp: 30959
Ion Ratio Lower Upper
96 100
61 146.7 100.6 150.8
98 59.0 50.2 75.2

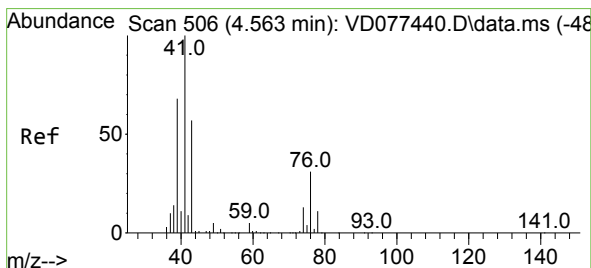
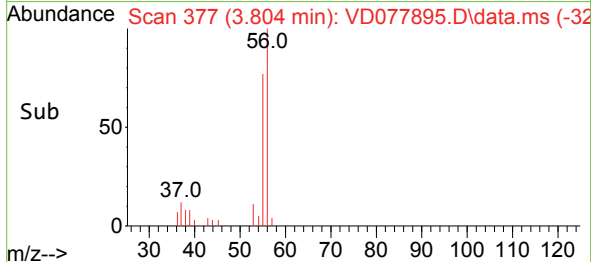
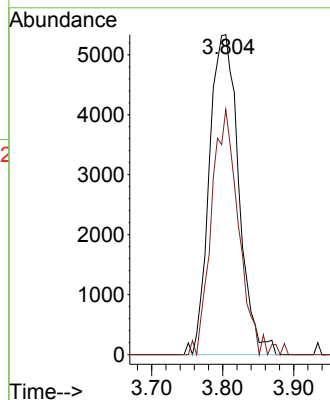
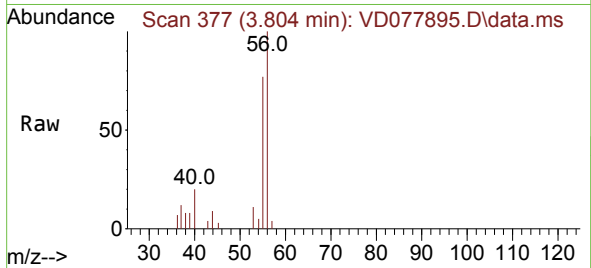




#13
Acrolein
Concen: 101.921 ug/l
RT: 3.804 min Scan# 31
Delta R.T. 0.005 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

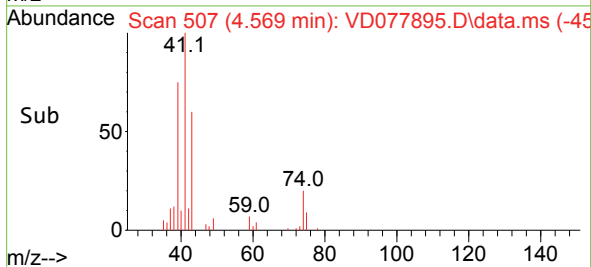
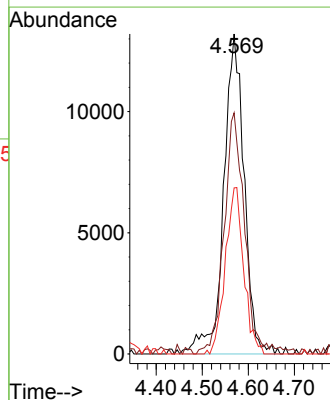
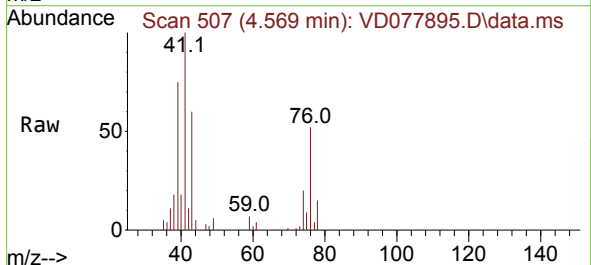
Instrument :
MSVOA_D
ClientSampleId :

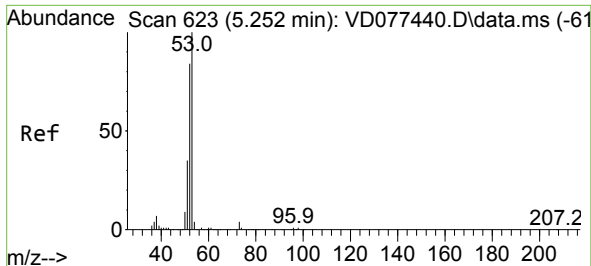
Tgt Ion: 56 Resp: 15327
Ion Ratio Lower Upper
56 100
55 70.6 55.1 82.7



#14
Allyl chloride
Concen: 20.409 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

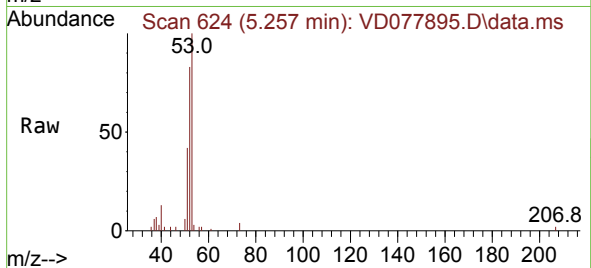
Tgt Ion: 41 Resp: 40705
Ion Ratio Lower Upper
41 100
39 76.1 53.8 80.6
76 46.6 45.8 68.8



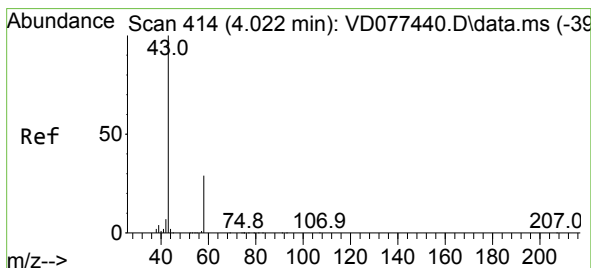
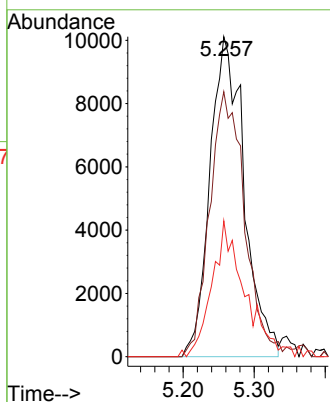
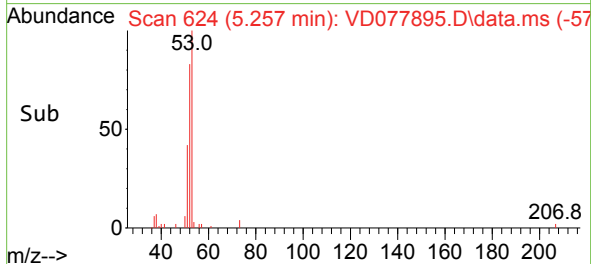


#15
Acrylonitrile
Concen: 109.295 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :

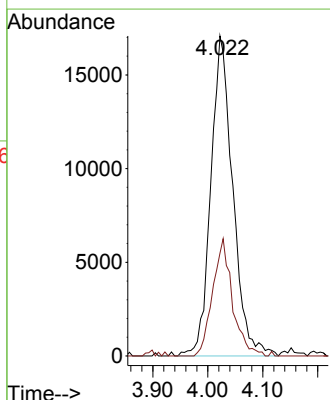
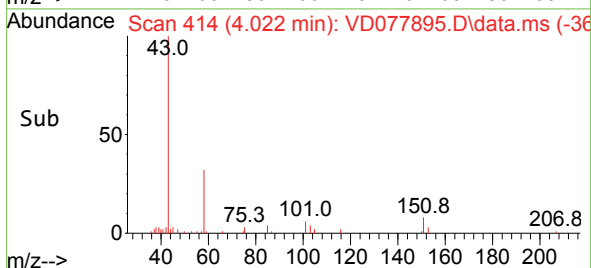
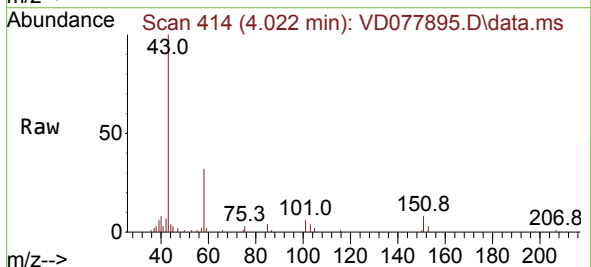


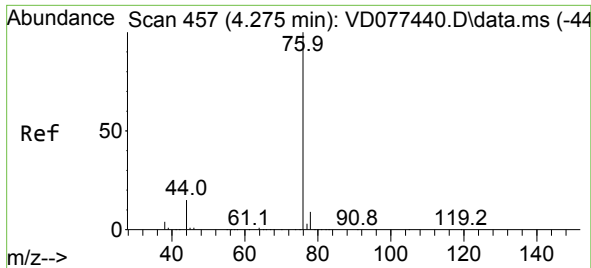
Tgt Ion: 53 Resp: 33749
Ion Ratio Lower Upper
53 100
52 85.0 65.0 97.4
51 41.0 28.3 42.5



#16
Acetone
Concen: 140.783 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion: 43 Resp: 47489
Ion Ratio Lower Upper
43 100
58 32.1 34.7 52.1#

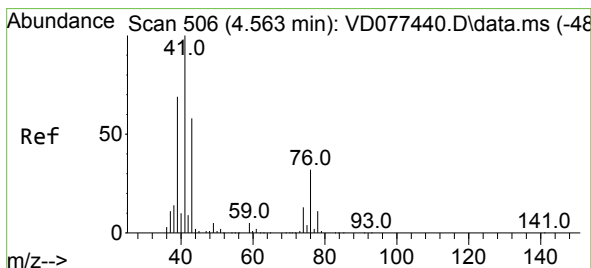
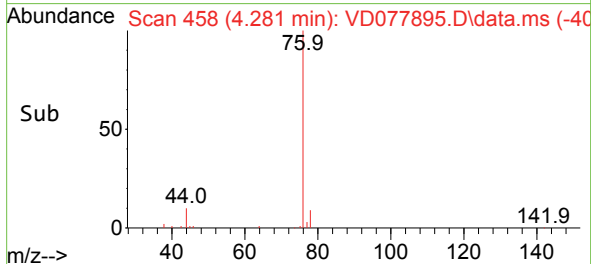
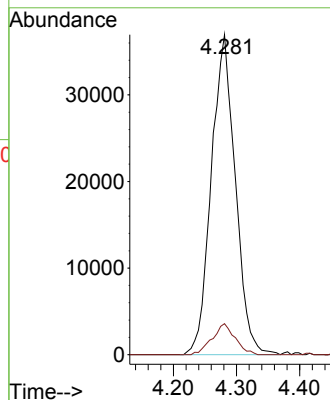
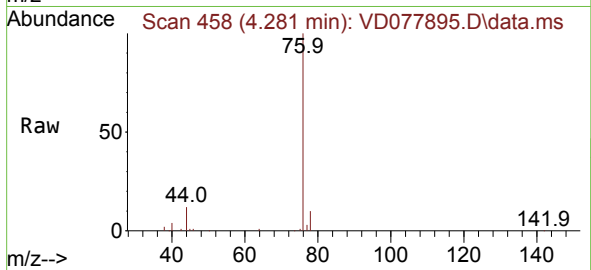




#17
Carbon Disulfide
Concen: 19.919 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

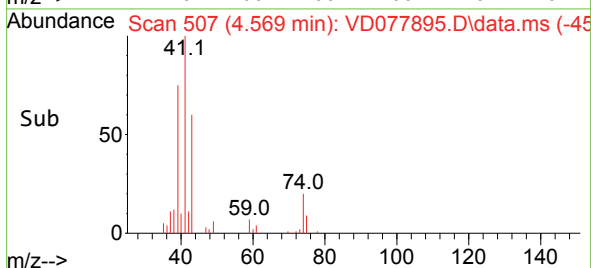
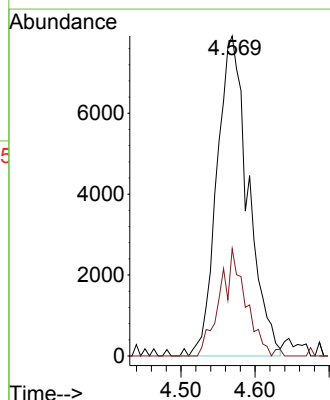
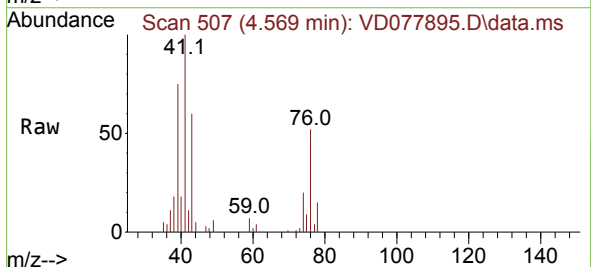
Instrument :
MSVOA_D
ClientSampleId :

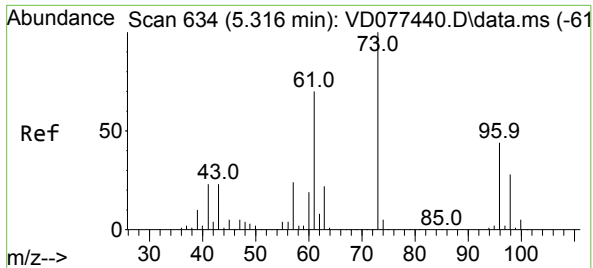
Tgt Ion: 76 Resp: 97725
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2



#18
Methyl Acetate
Concen: 20.719 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion: 43 Resp: 23197
Ion Ratio Lower Upper
43 100
74 27.6 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 21.291 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

Instrument :

MSVOA_D

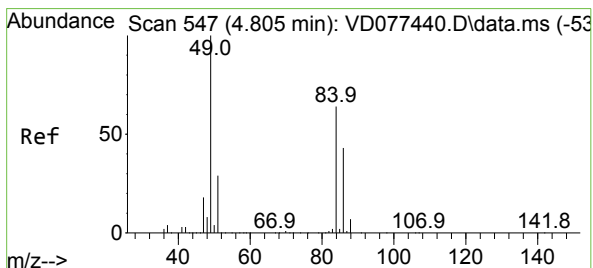
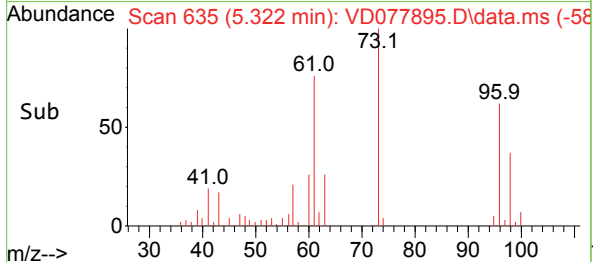
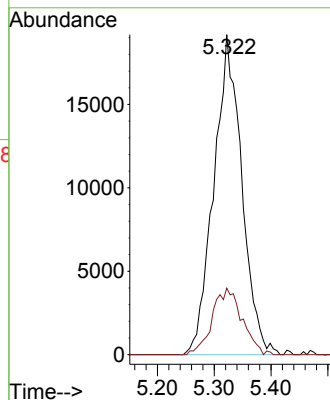
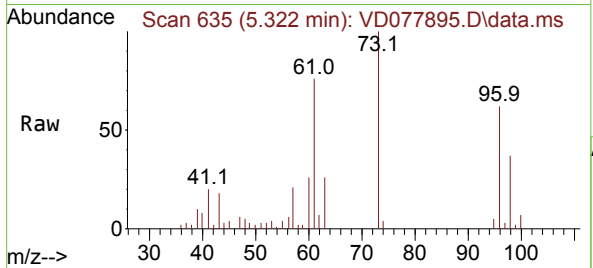
ClientSampleId :

Tgt Ion: 73 Resp: 65508

Ion Ratio Lower Upper

73 100

57 20.8 16.6 25.0



#20

Methylene Chloride

Concen: 21.262 ug/l

RT: 4.810 min Scan# 548

Delta R.T. 0.005 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

Tgt Ion: 84 Resp: 40484

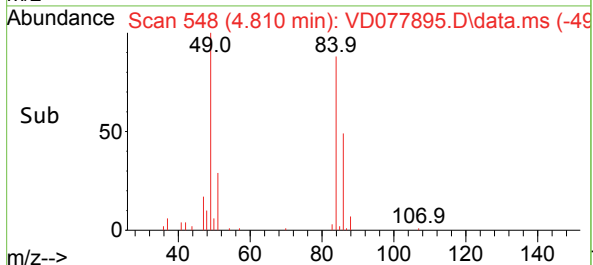
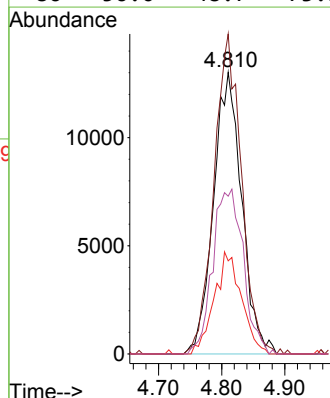
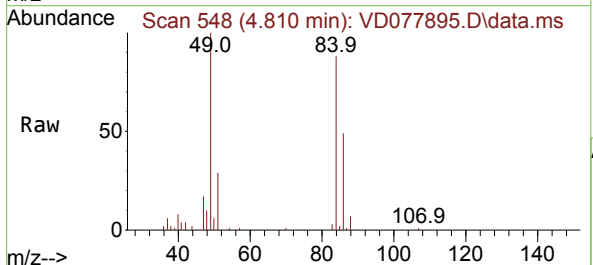
Ion Ratio Lower Upper

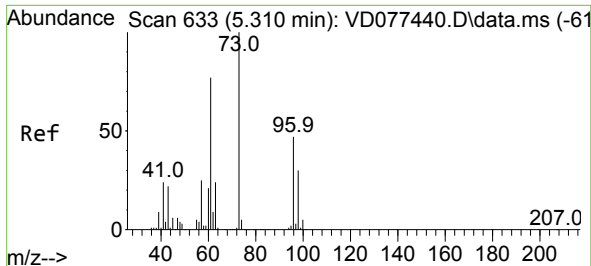
84 100

49 113.6 71.4 107.2#

51 33.0 24.5 36.7

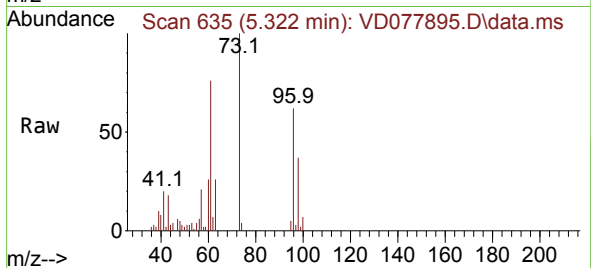
86 56.0 48.7 73.1



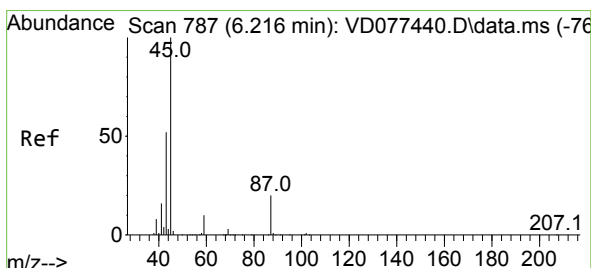
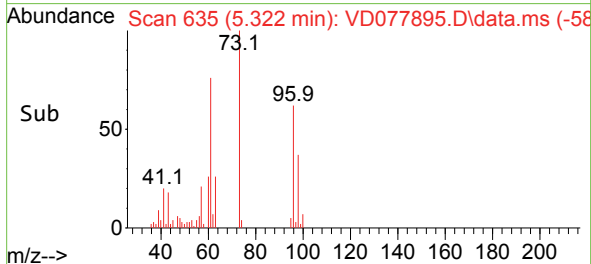
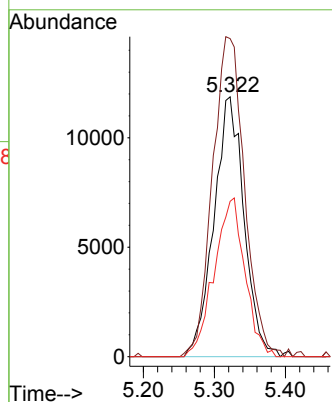


#21
trans-1,2-Dichloroethene
Concen: 21.248 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :

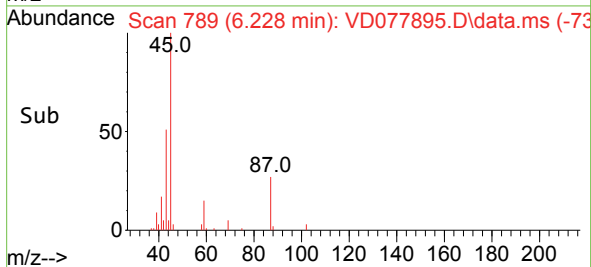
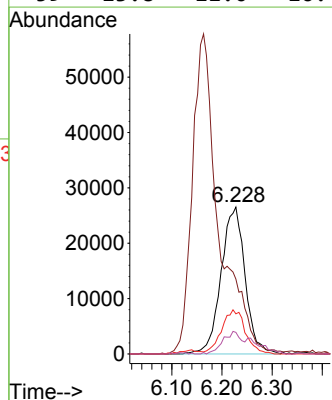
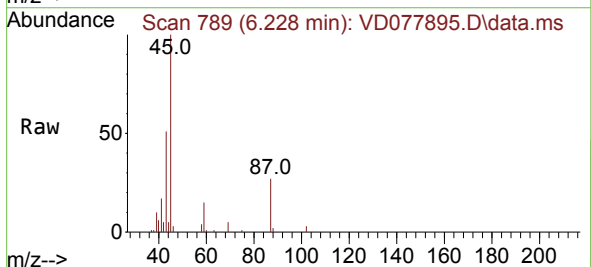


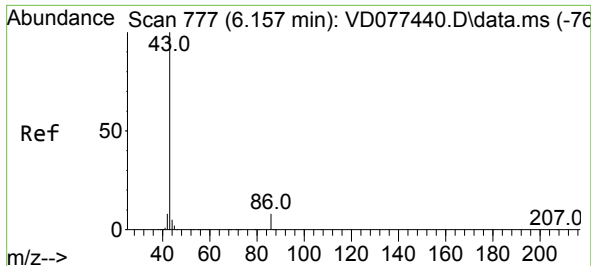
Tgt Ion: 96 Resp: 34901
Ion Ratio Lower Upper
96 100
61 122.4 89.3 133.9
98 59.7 48.6 73.0



#22
Diisopropyl ether
Concen: 21.156 ug/l
RT: 6.228 min Scan# 789
Delta R.T. 0.012 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion: 45 Resp: 88177
Ion Ratio Lower Upper
45 100
43 49.0 40.0 60.0
87 27.3 28.2 42.4#
59 13.8 11.0 16.4

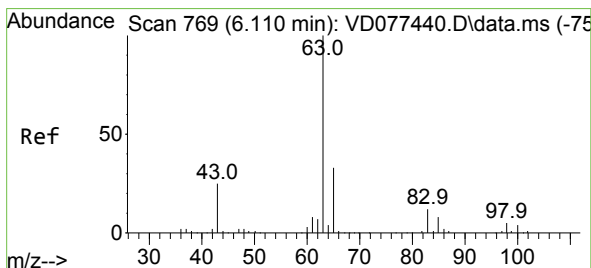
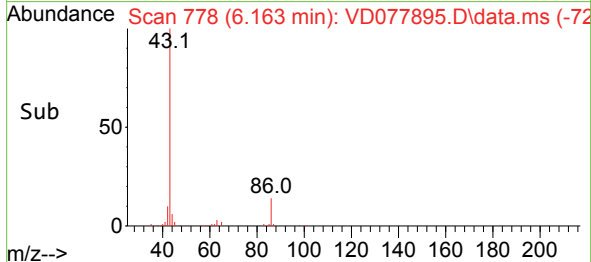
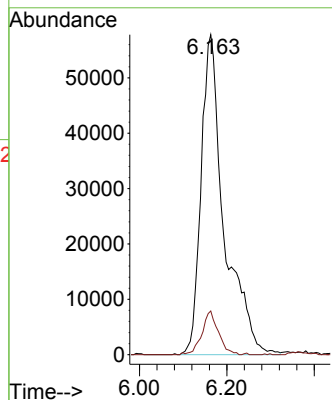
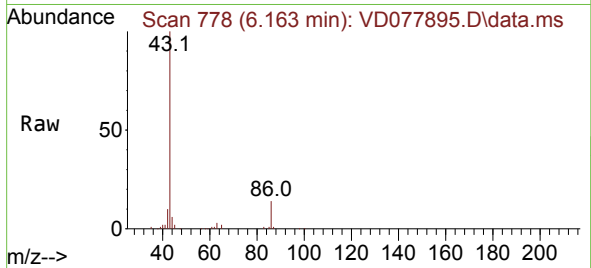




#23
 Vinyl Acetate
 Concen: 104.558 ug/l
 RT: 6.163 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD077895.D
 Acq: 15 Dec 2023 11:04

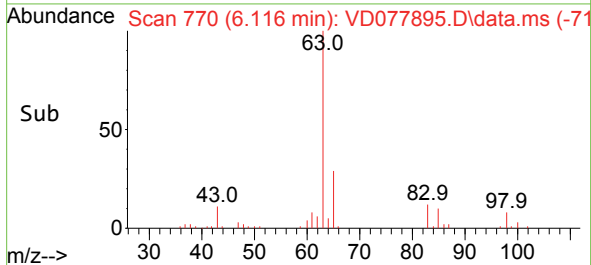
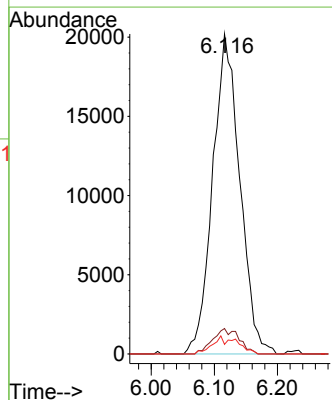
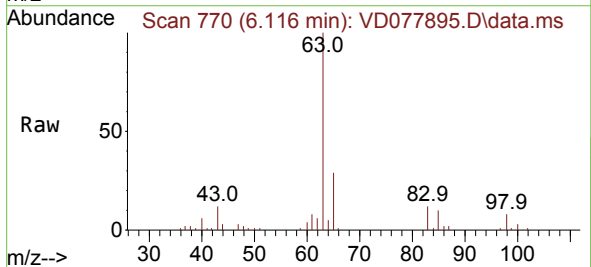
Instrument :
 MSVOA_D
 ClientSampleId :

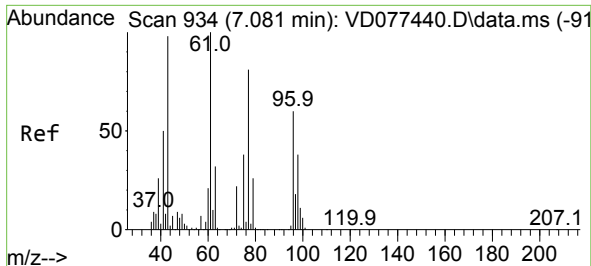
Tgt Ion: 43 Resp: 212816
 Ion Ratio Lower Upper
 43 100
 86 13.6 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 21.399 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077895.D
 Acq: 15 Dec 2023 11:04

Tgt Ion: 63 Resp: 60399
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.5 13.7
 100 3.0 2.5 7.5

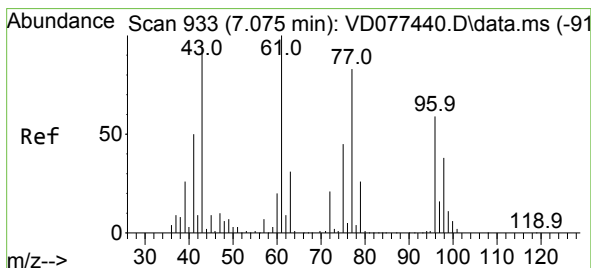
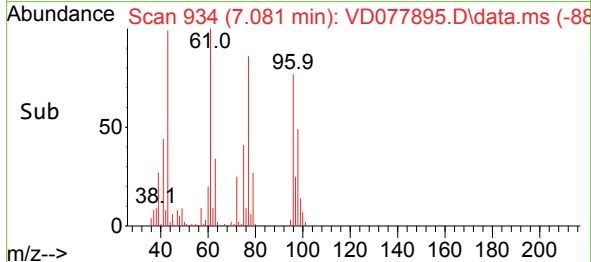
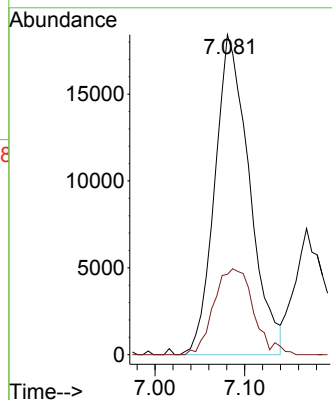
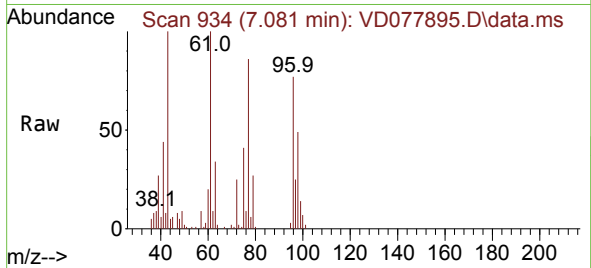




#25
2-Butanone
Concen: 118.126 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

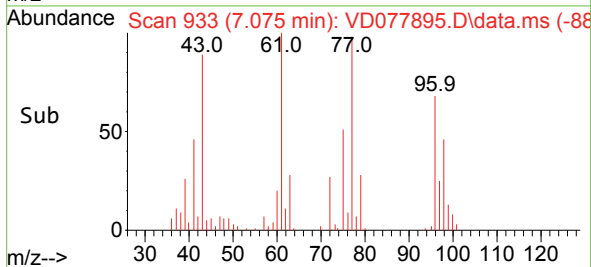
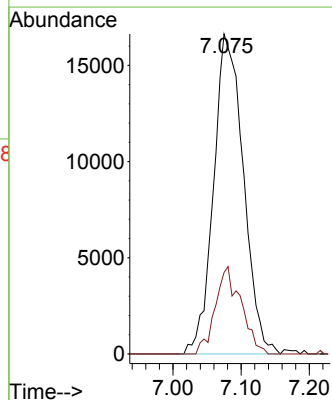
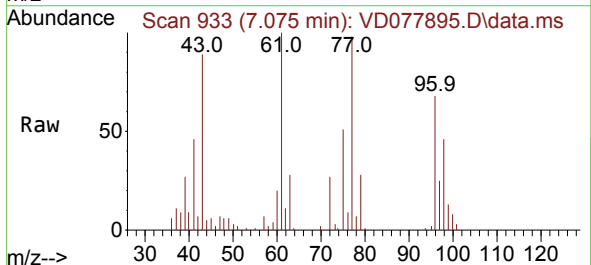
Instrument :
MSVOA_D
ClientSampleId :

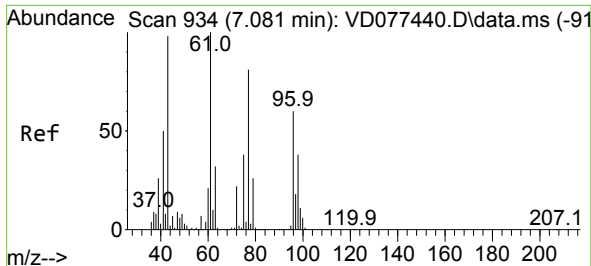
Tgt Ion: 43 Resp: 49257
Ion Ratio Lower Upper
43 100
72 25.1 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 21.330 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

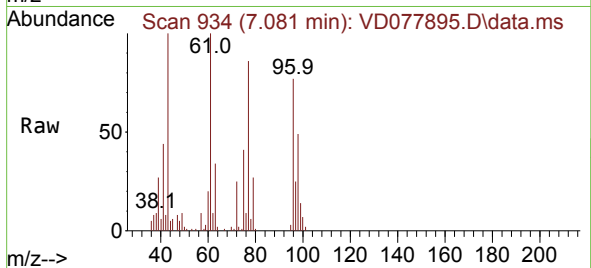
Tgt Ion: 77 Resp: 50548
Ion Ratio Lower Upper
77 100
97 23.7 13.2 39.6





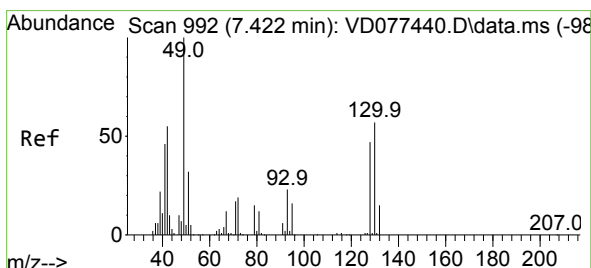
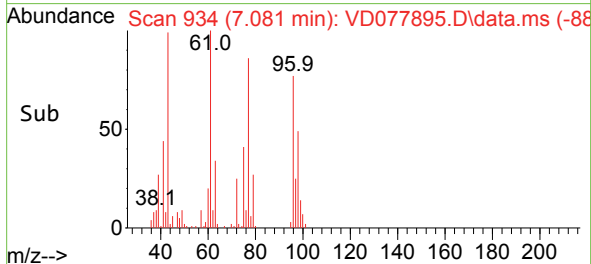
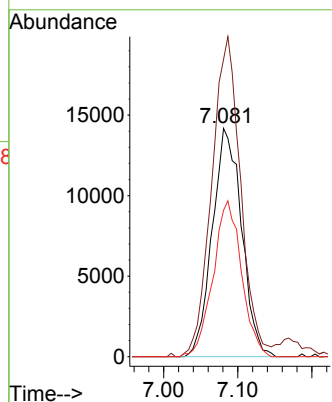
#27
 cis-1,2-Dichloroethene
 Concen: 21.974 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077895.D
 Acq: 15 Dec 2023 11:04

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 38837

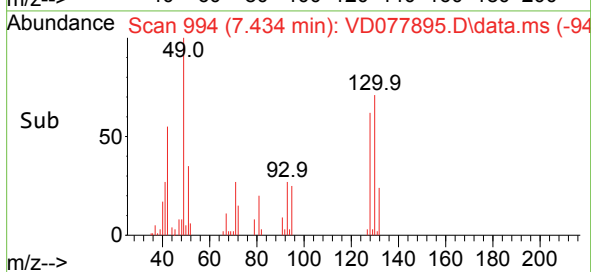
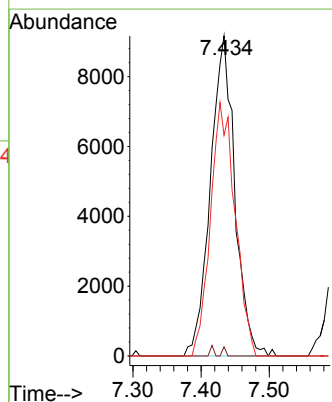
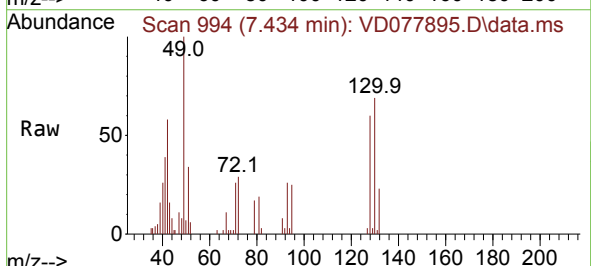
Ion	Ratio	Lower	Upper
96	100		
61	138.4	0.0	239.2
98	66.4	0.0	128.6

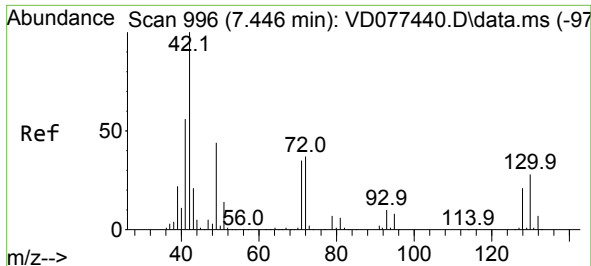


#28
 Bromochloromethane
 Concen: 20.055 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.012 min
 Lab File: VD077895.D
 Acq: 15 Dec 2023 11:04

Tgt Ion: 49 Resp: 22873

Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	6.0
130	80.0	83.2	124.8





#29

Tetrahydrofuran

Concen: 108.314 ug/l

RT: 7.451 min Scan# 996

Delta R.T. 0.005 min

Lab File: VD077895.D

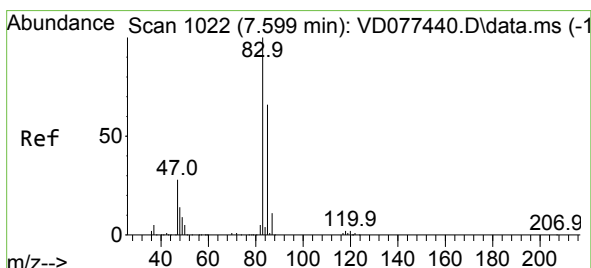
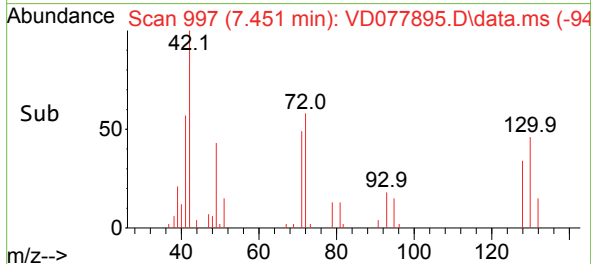
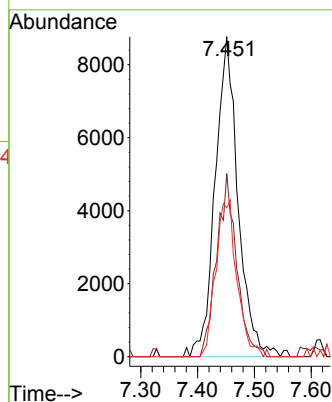
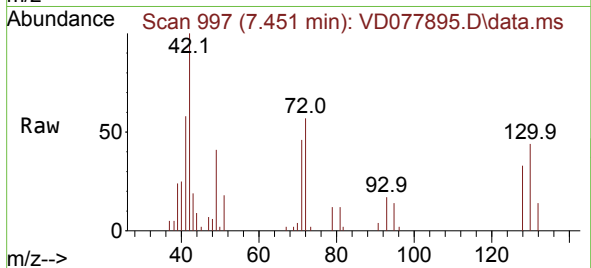
Acq: 15 Dec 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	42	Resp:	24520
Ion	Ratio	Lower	Upper
42	100		
72	49.9	46.5	69.7
71	45.7	44.5	66.7



#30

Chloroform

Concen: 21.916 ug/l

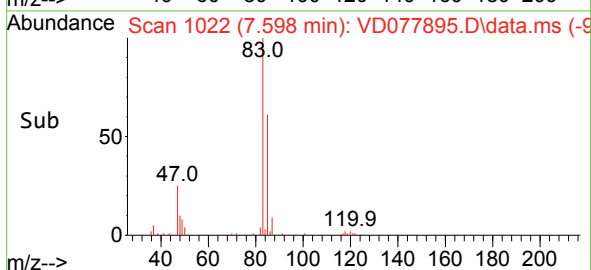
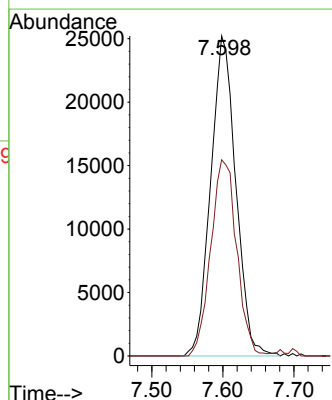
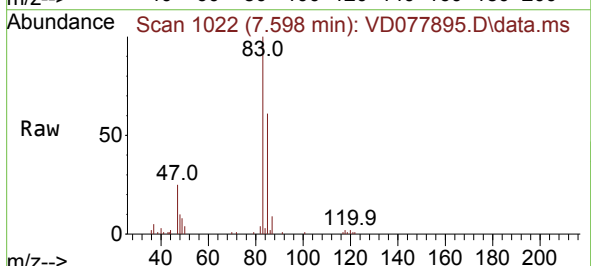
RT: 7.598 min Scan# 1022

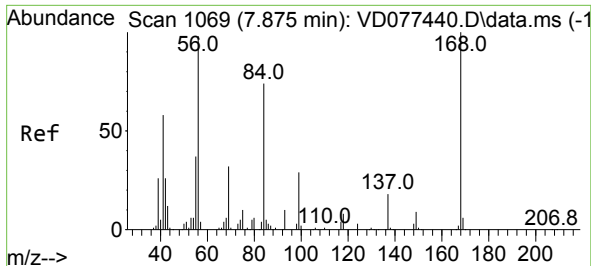
Delta R.T. -0.001 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

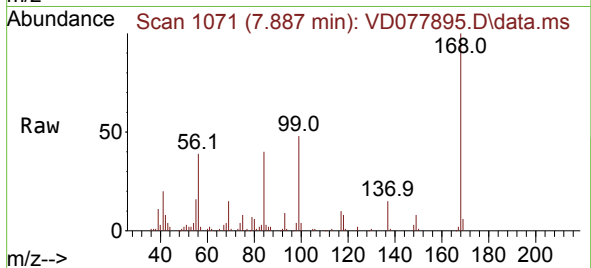
Tgt Ion:	83	Resp:	61909
Ion	Ratio	Lower	Upper
83	100		
85	61.3	53.4	80.2



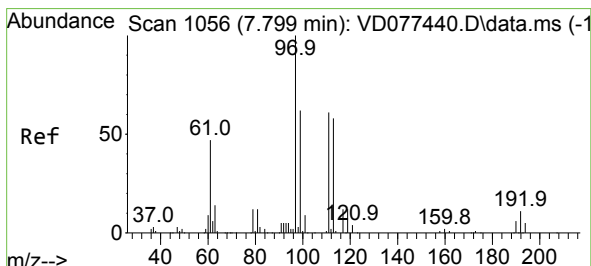
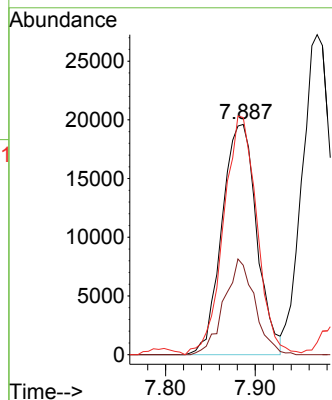
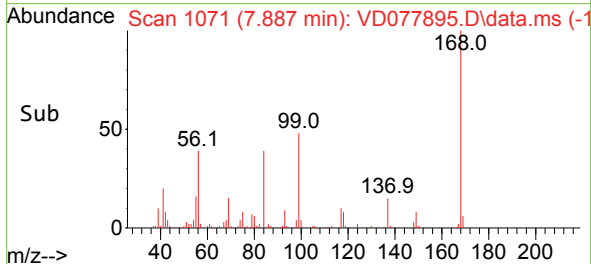


#31
Cyclohexane
Concen: 20.899 ug/l
RT: 7.887 min Scan# 1071
Delta R.T. 0.012 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :

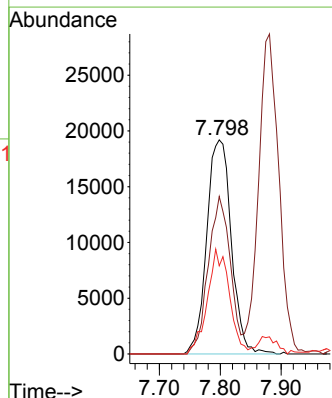
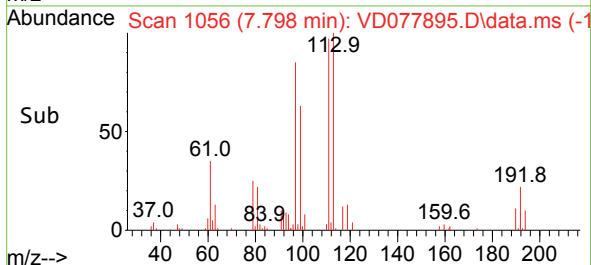
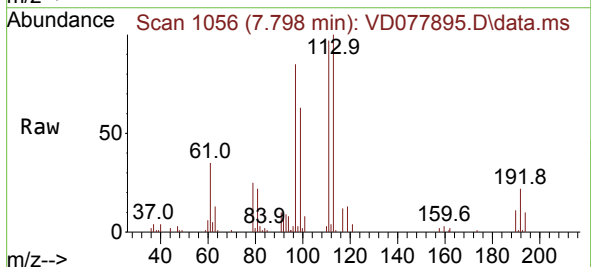


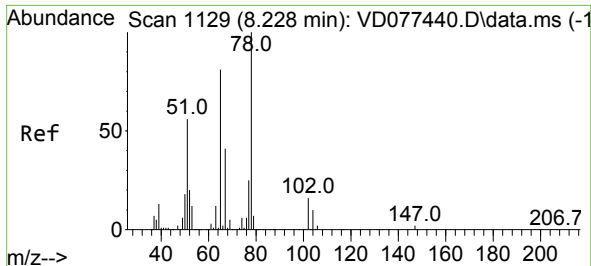
Tgt Ion: 56 Resp: 52845
Ion Ratio Lower Upper
56 100
69 38.8 28.6 43.0
84 101.9 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 21.599 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. -0.001 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion: 97 Resp: 53787
Ion Ratio Lower Upper
97 100
99 65.6 52.0 78.0
61 44.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 50.040 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

Instrument :

MSVOA_D

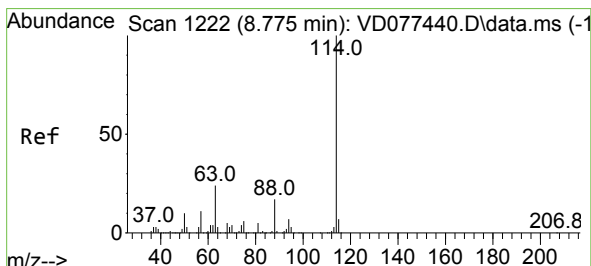
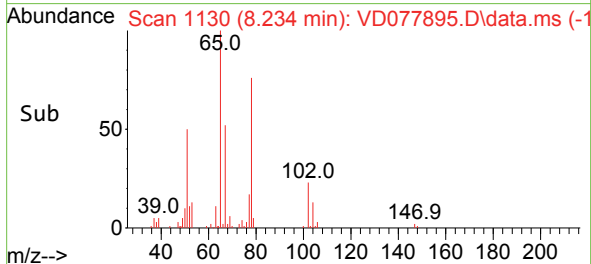
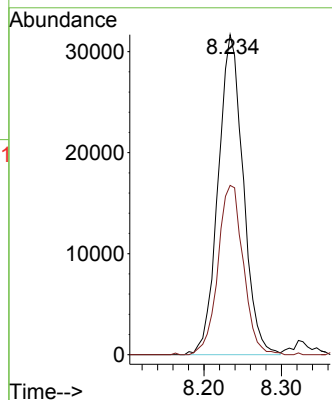
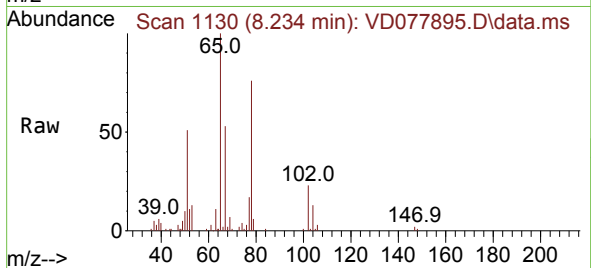
ClientSampleId :

Tgt Ion: 65 Resp: 71138

Ion Ratio Lower Upper

65 100

67 53.7 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

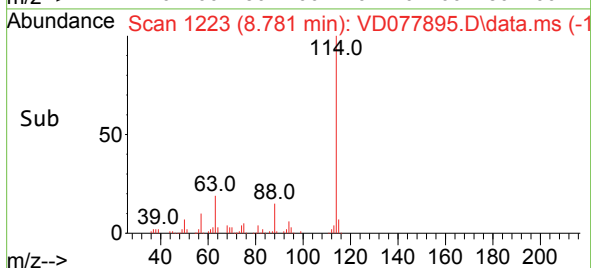
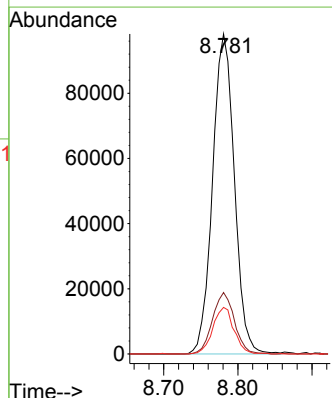
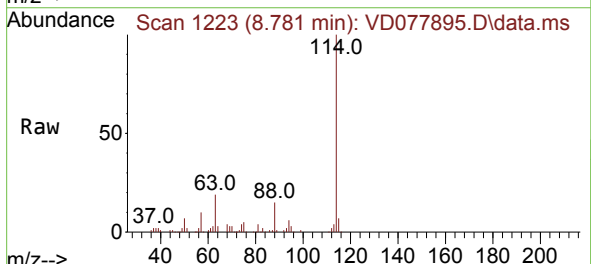
Tgt Ion: 114 Resp: 200794

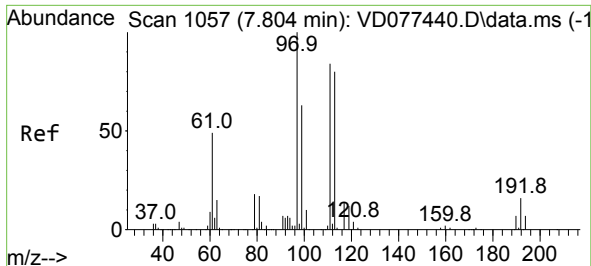
Ion Ratio Lower Upper

114 100

63 19.2 0.0 33.4

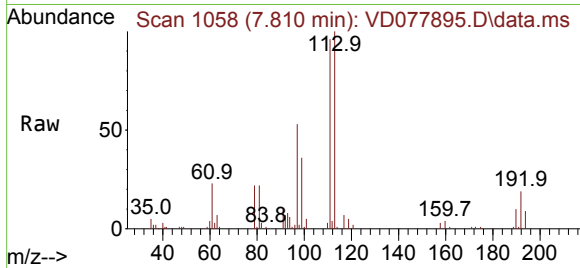
88 14.6 0.0 26.2



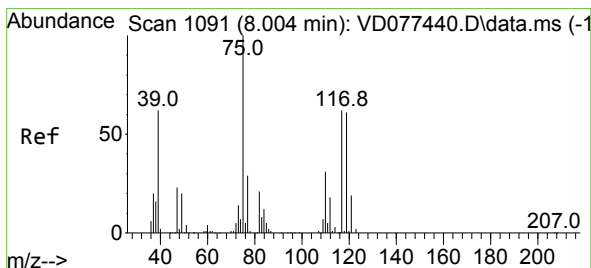
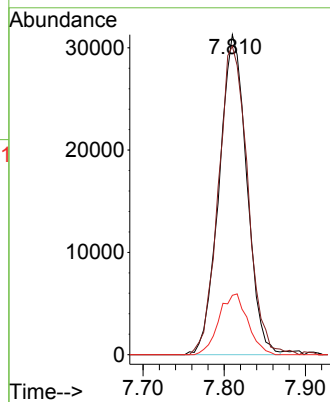
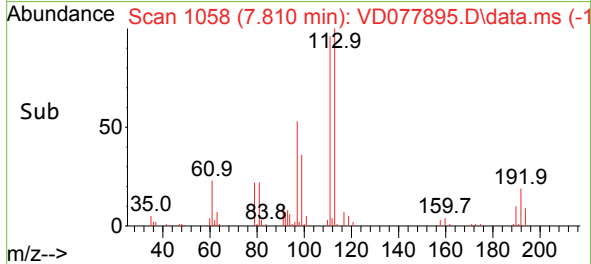


#35
Dibromofluoromethane
Concen: 52.565 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :

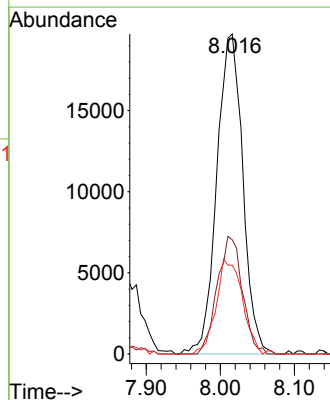
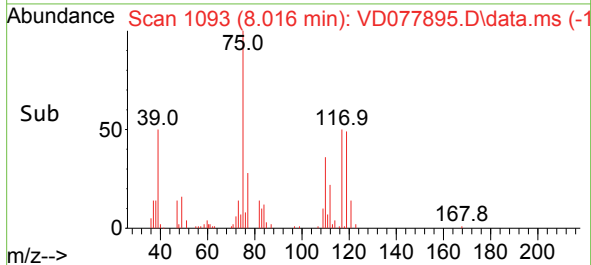
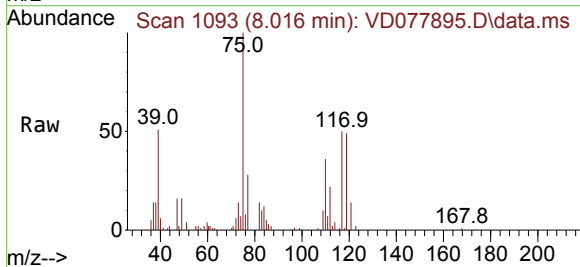


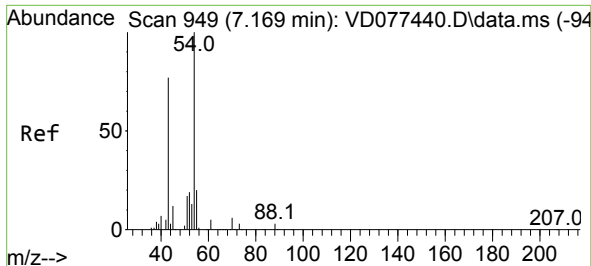
Tgt Ion:113 Resp: 73932
Ion Ratio Lower Upper
113 100
111 102.2 84.7 127.1
192 19.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 21.336 ug/l
RT: 8.016 min Scan# 1093
Delta R.T. 0.012 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion: 75 Resp: 48000
Ion Ratio Lower Upper
75 100
110 35.4 19.9 59.6
77 29.8 24.7 37.1

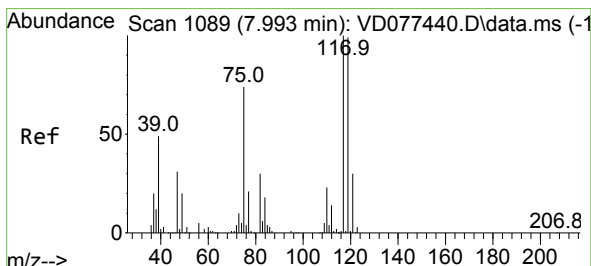
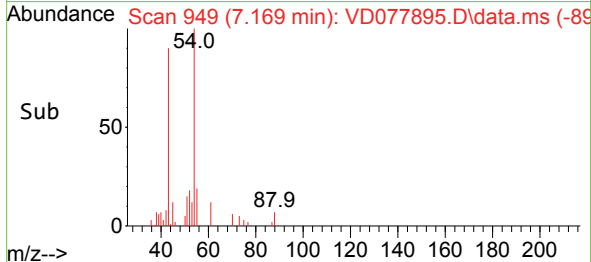
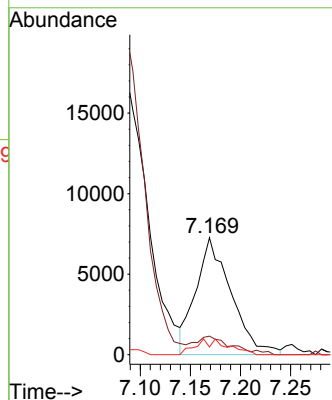
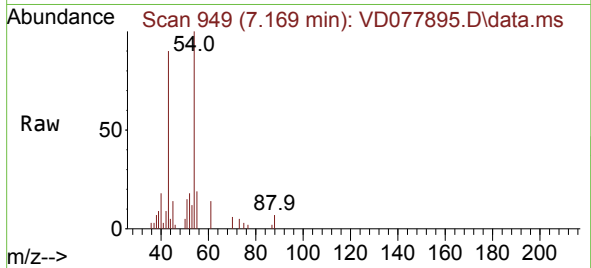




#37
Ethyl Acetate
Concen: 20.274 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

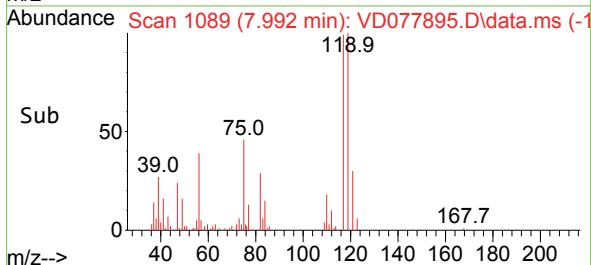
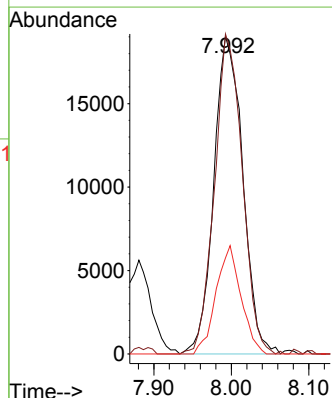
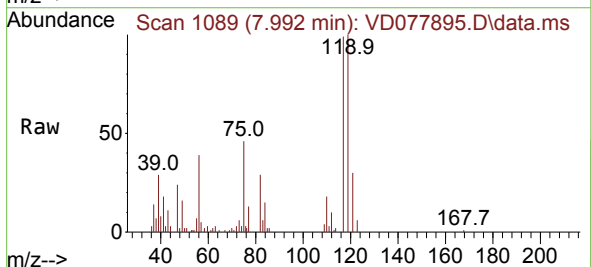
Instrument :
MSVOA_D
ClientSampleId :

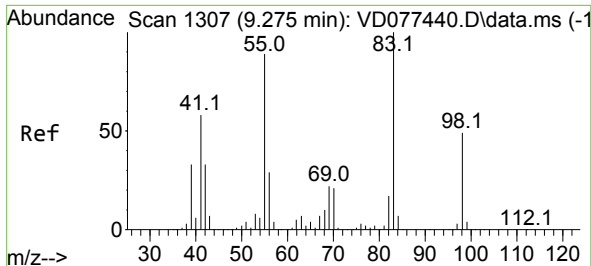
Tgt Ion: 43 Resp: 17785
Ion Ratio Lower Upper
43 100
61 16.5 14.9 22.3
70 12.2 10.0 15.0



#38
Carbon Tetrachloride
Concen: 22.020 ug/l
RT: 7.992 min Scan# 1089
Delta R.T. -0.001 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

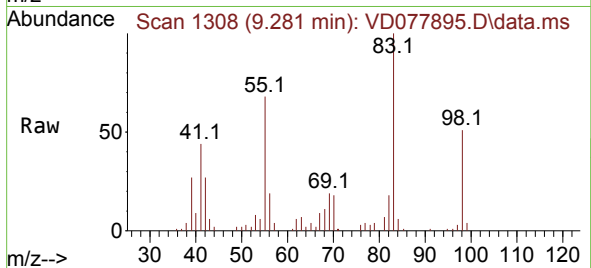
Tgt Ion: 117 Resp: 49387
Ion Ratio Lower Upper
117 100
119 100.8 78.0 117.0
121 30.2 24.2 36.2



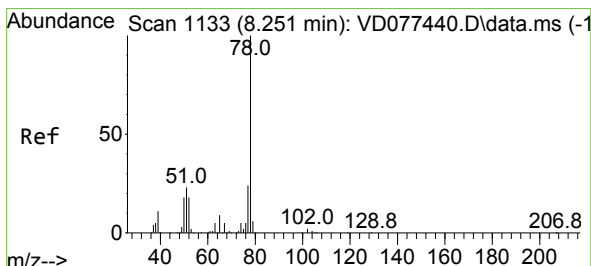
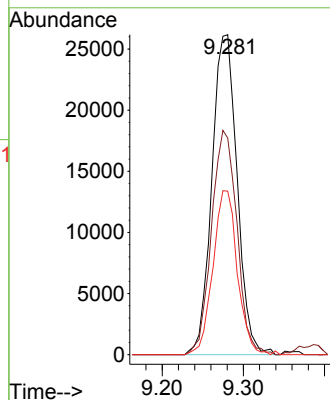
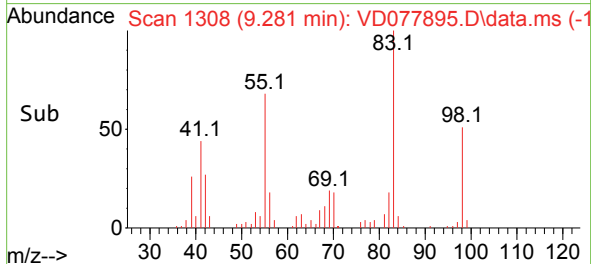


#39
Methylcyclohexane
Concen: 21.199 ug/l
RT: 9.281 min Scan# 1138
Delta R.T. 0.006 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

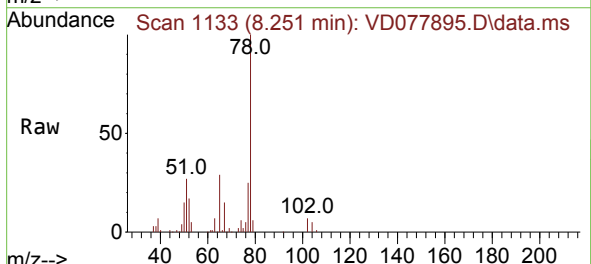
Instrument :
MSVOA_D
ClientSampleId :



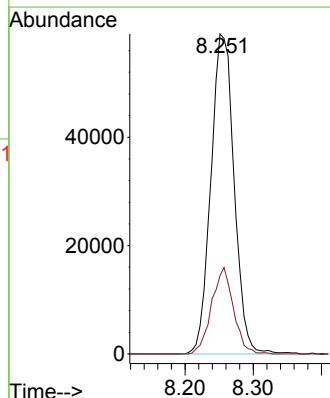
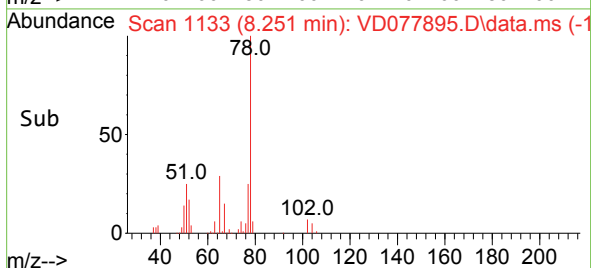
Tgt Ion: 83 Resp: 56539
Ion Ratio Lower Upper
83 100
55 67.7 49.4 74.0
98 51.1 38.4 57.6

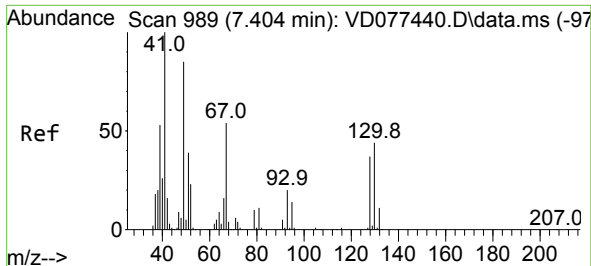


#40
Benzene
Concen: 21.942 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04



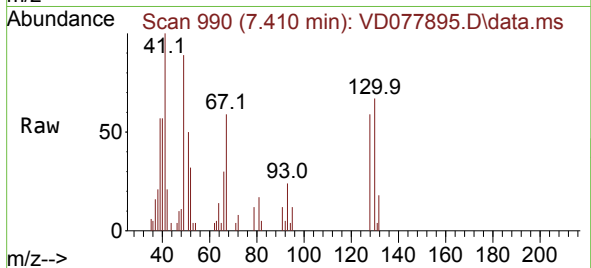
Tgt Ion: 78 Resp: 140106
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.0



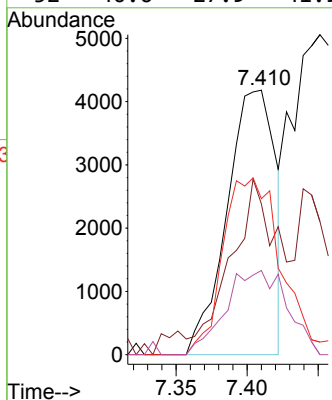
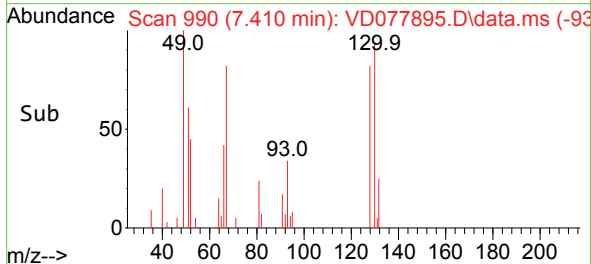


#41
Methacrylonitrile
Concen: 22.170 ug/l
RT: 7.410 min Scan# 989
Delta R.T. 0.006 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :

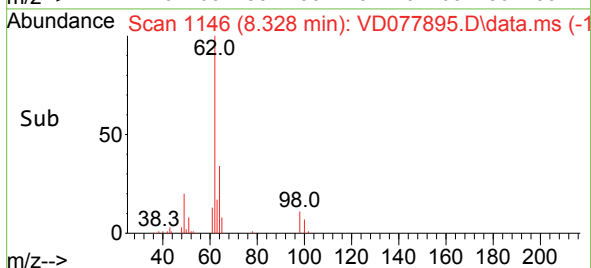
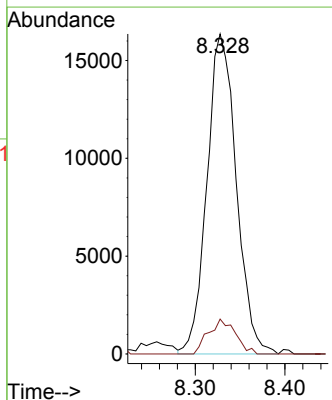
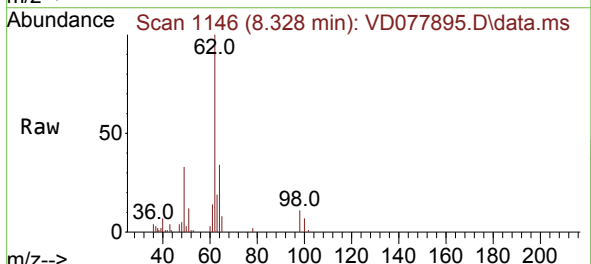


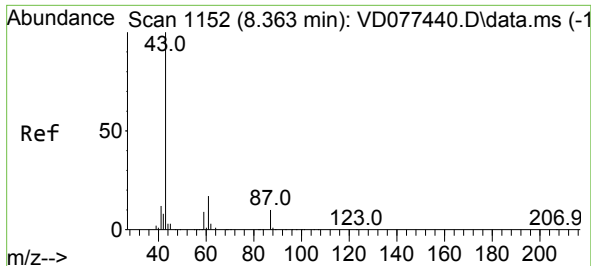
Tgt Ion: 41 Resp: 9885
Ion Ratio Lower Upper
41 100
39 53.7 34.0 51.0#
67 81.8 77.0 115.4
52 40.6 27.9 41.9



#42
1,2-Dichloroethane
Concen: 22.463 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

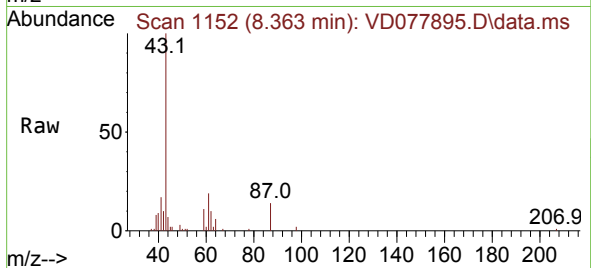
Tgt Ion: 62 Resp: 37179
Ion Ratio Lower Upper
62 100
98 10.0 0.0 25.4



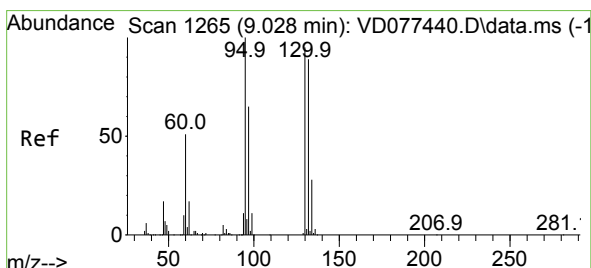
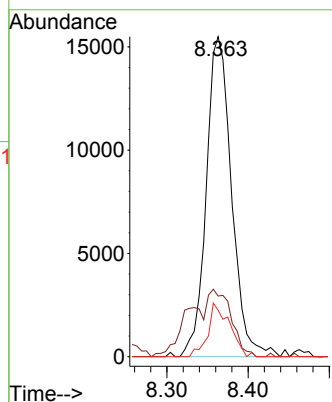
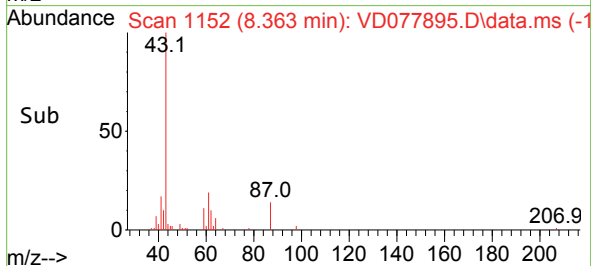


#43
Isopropyl Acetate
Concen: 21.542 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :

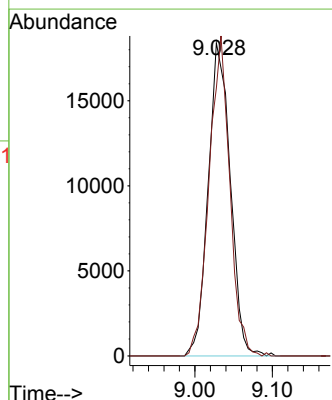
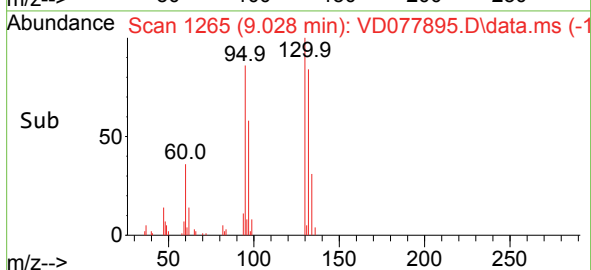
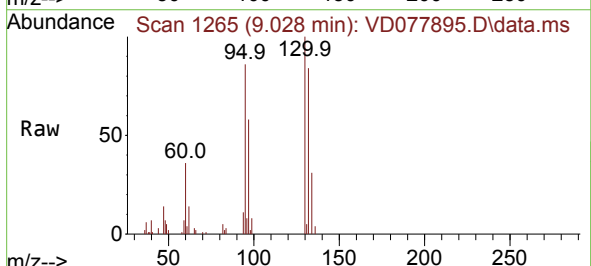


Tgt Ion: 43 Resp: 33593
Ion Ratio Lower Upper
43 100
61 19.5 31.4 47.0#
87 14.4 14.9 22.3#



#44
Trichloroethene
Concen: 21.980 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion:130 Resp: 36575
Ion Ratio Lower Upper
130 100
95 85.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 22.092 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

Instrument :

MSVOA_D

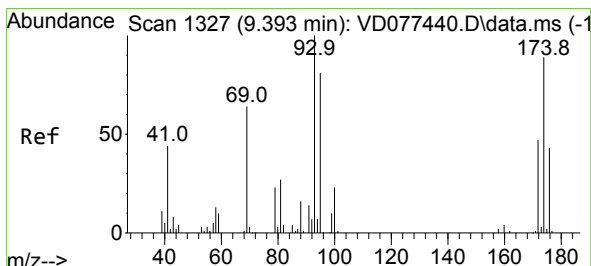
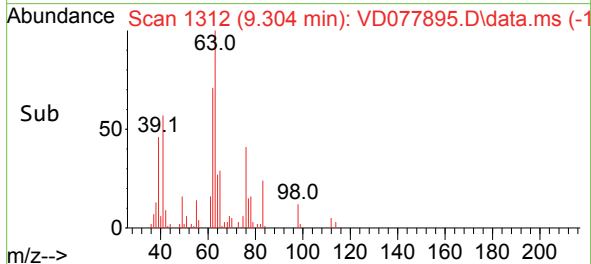
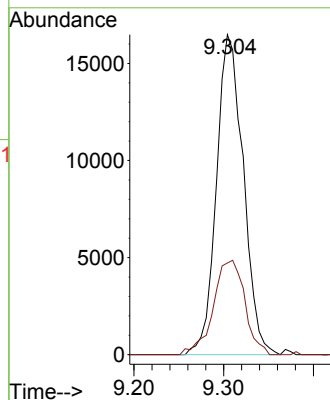
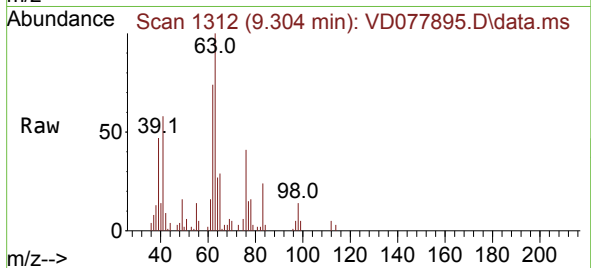
ClientSampleId :

Tgt Ion: 63 Resp: 34293

Ion Ratio Lower Upper

63 100

65 28.6 24.5 36.7



#46

Dibromomethane

Concen: 22.343 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

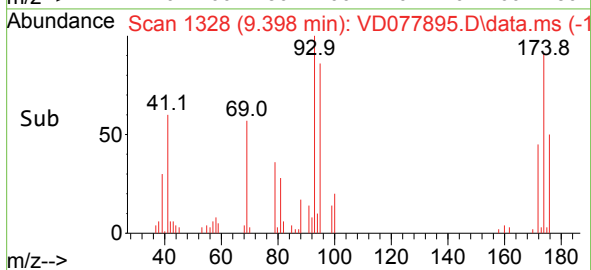
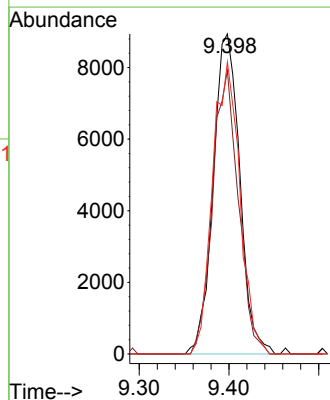
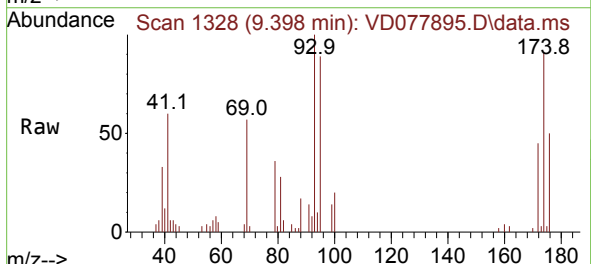
Tgt Ion: 93 Resp: 18351

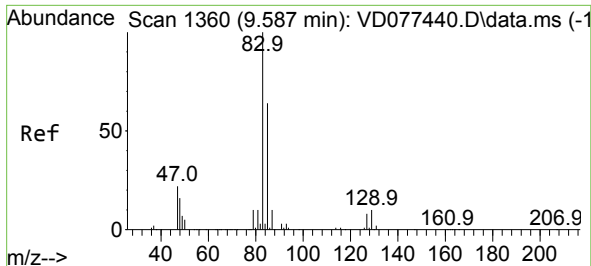
Ion Ratio Lower Upper

93 100

95 85.9 67.7 101.5

174 93.5 85.4 128.2





#47

Bromodichloromethane

Concen: 22.453 ug/l

RT: 9.586 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD077895.D

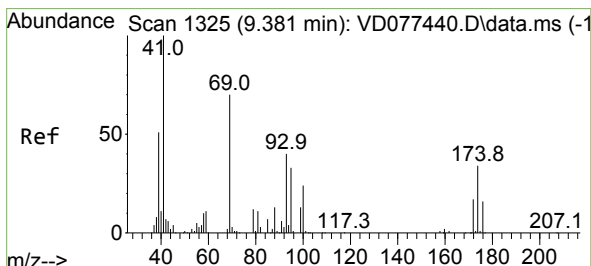
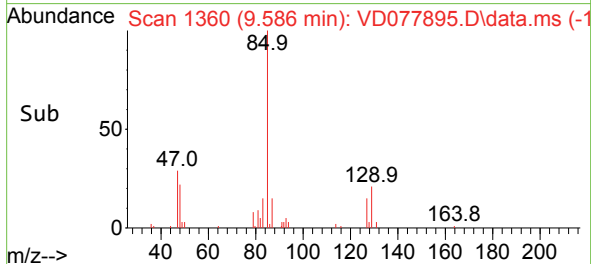
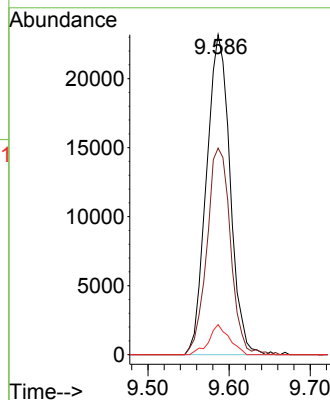
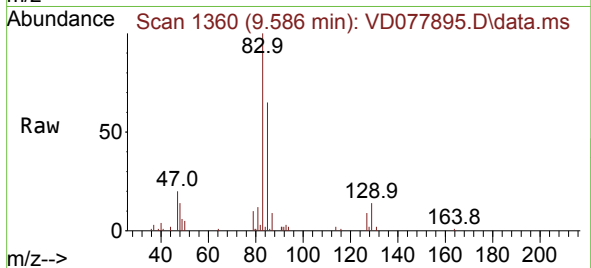
Acq: 15 Dec 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	46741
Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.2	75.4
127	9.4	6.3	9.5



#48

Methyl methacrylate

Concen: 21.810 ug/l

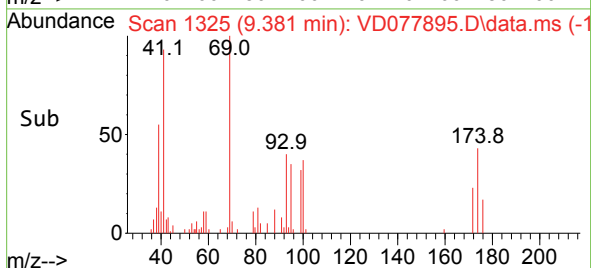
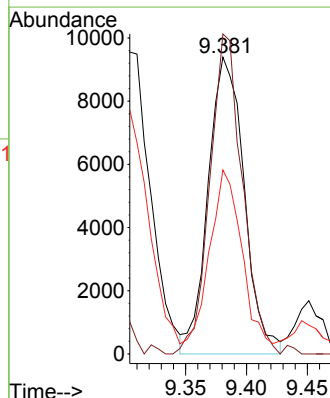
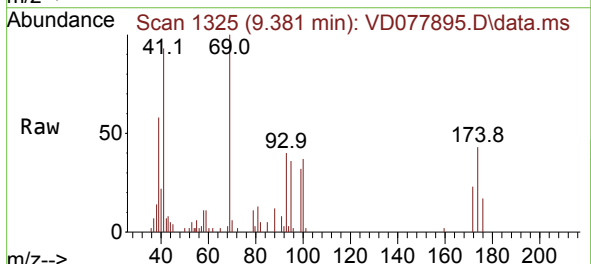
RT: 9.381 min Scan# 1325

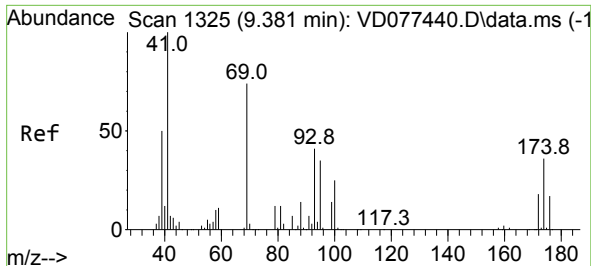
Delta R.T. -0.000 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

Tgt Ion:	41	Resp:	19333
Ion	Ratio	Lower	Upper
41	100		
69	97.2	102.2	153.2#
39	50.6	41.4	62.2





#49

1,4-Dioxane

Concen: 462.148 ug/l

RT: 9.398 min Scan# 11

Delta R.T. 0.017 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

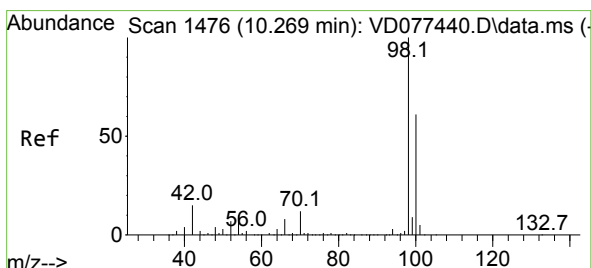
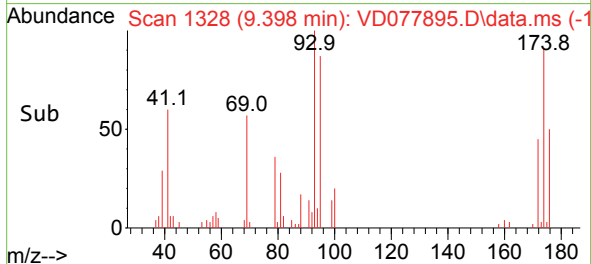
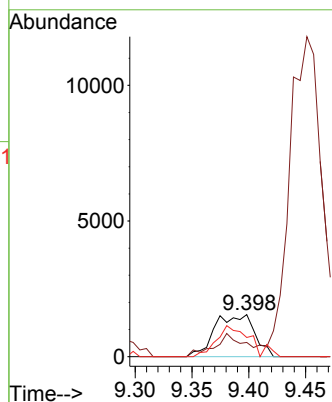
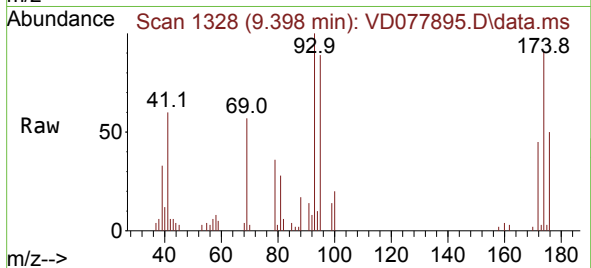
Tgt Ion: 88 Resp: 3769

Ion Ratio Lower Upper

88 100

43 40.1 19.0 28.6#

58 62.9 43.5 65.3



#50

Toluene-d8

Concen: 53.205 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VD077895.D

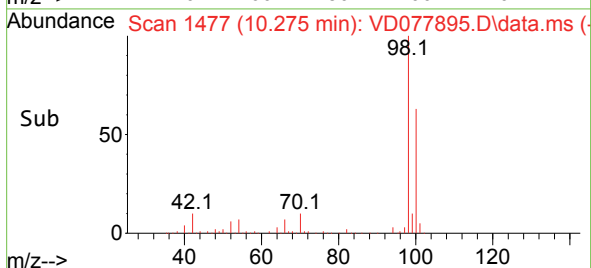
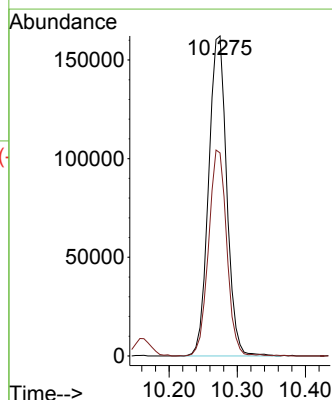
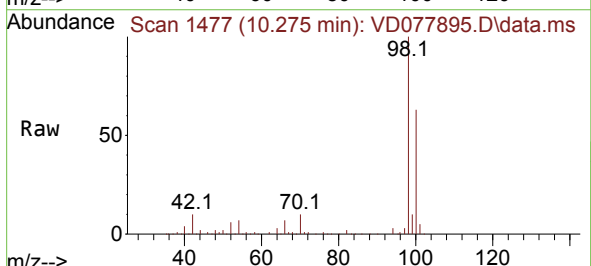
Acq: 15 Dec 2023 11:04

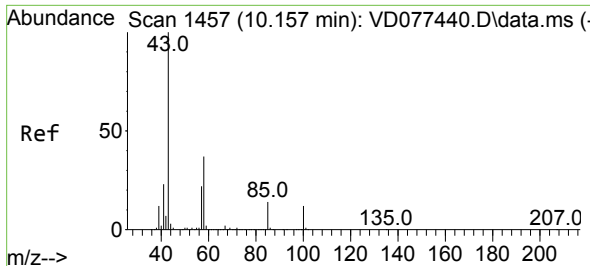
Tgt Ion: 98 Resp: 299712

Ion Ratio Lower Upper

98 100

100 64.6 50.3 75.5

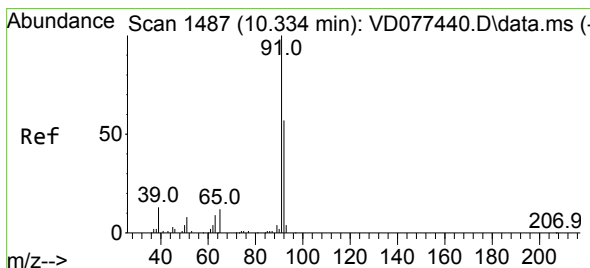
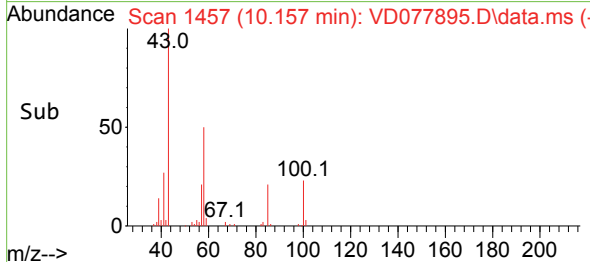
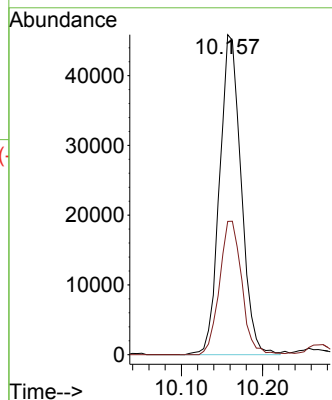
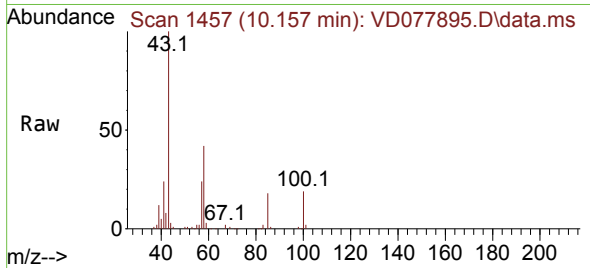




#51
4-Methyl-2-Pentanone
Concen: 106.368 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

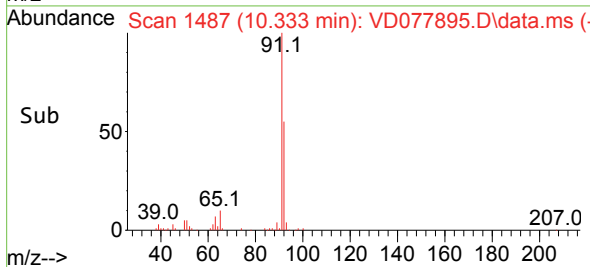
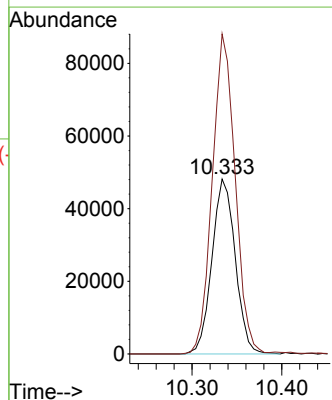
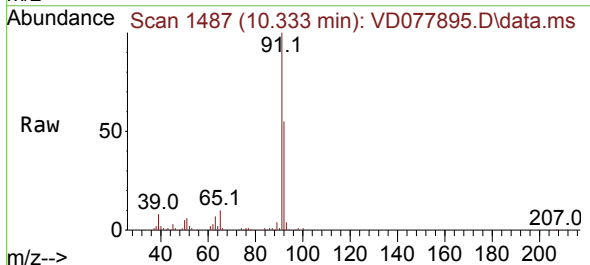
Instrument :
MSVOA_D
ClientSampleId :

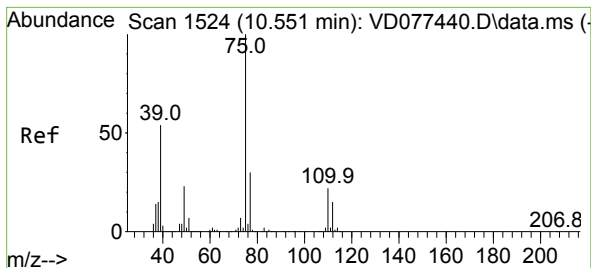
Tgt Ion: 43 Resp: 84653
Ion Ratio Lower Upper
43 100
58 43.1 38.9 58.3



#52
Toluene
Concen: 21.926 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.001 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion: 92 Resp: 86847
Ion Ratio Lower Upper
92 100
91 179.4 143.0 214.4

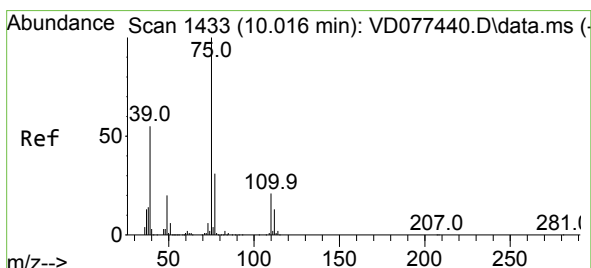
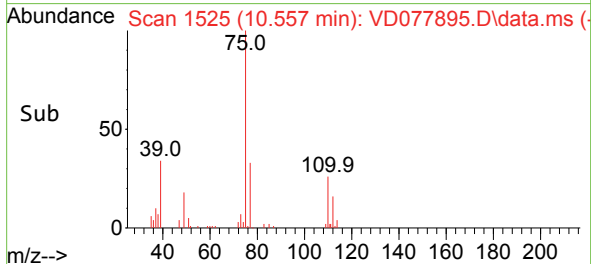
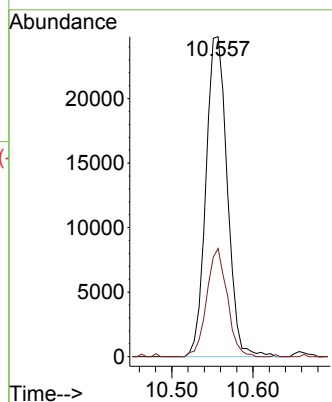
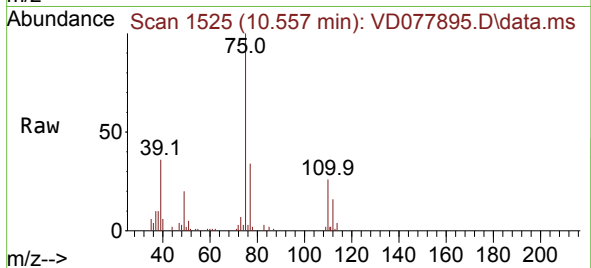




#53
 t-1,3-Dichloropropene
 Concen: 22.586 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD077895.D
 Acq: 15 Dec 2023 11:04

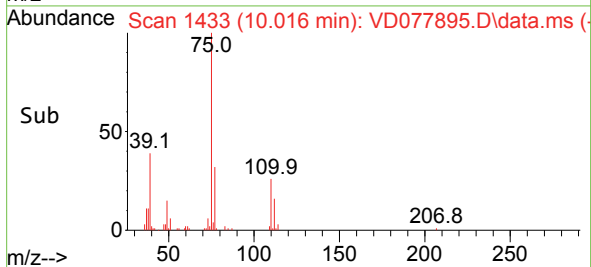
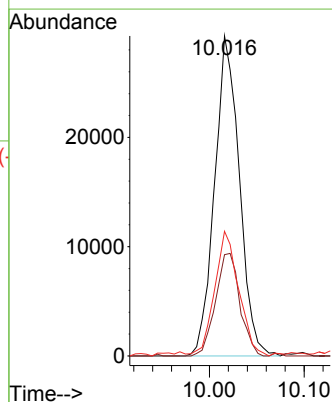
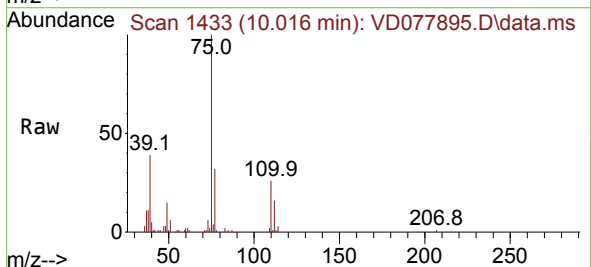
Instrument :
 MSVOA_D
 ClientSampleId :

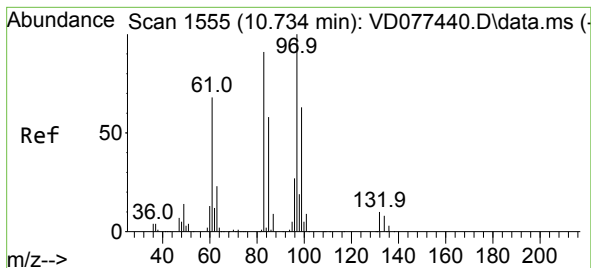
Tgt Ion: 75 Resp: 45151
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 21.974 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD077895.D
 Acq: 15 Dec 2023 11:04

Tgt Ion: 75 Resp: 53110
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.5 38.3
 39 38.2 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 22.771 ug/l

RT: 10.733 min Scan# 1555

Delta R.T. -0.001 min

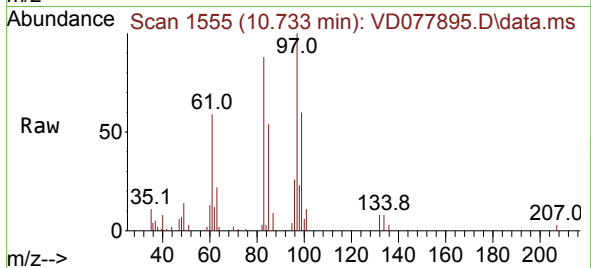
Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 25582

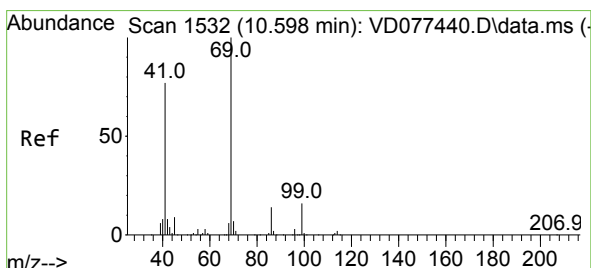
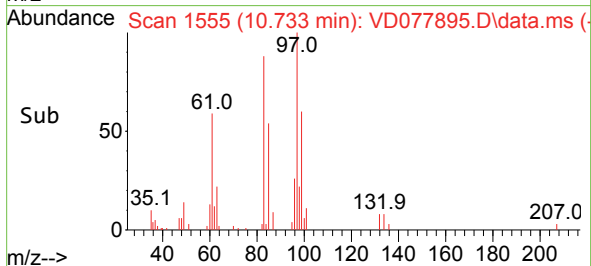
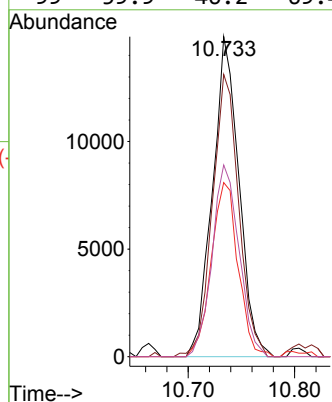
Ion Ratio Lower Upper

97 100

83 88.2 65.8 98.6

85 54.4 45.7 68.5

99 59.9 46.2 69.4



#56

Ethyl methacrylate

Concen: 21.350 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

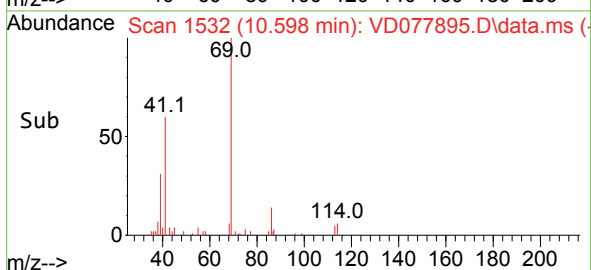
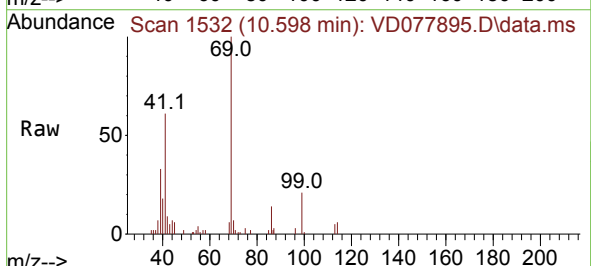
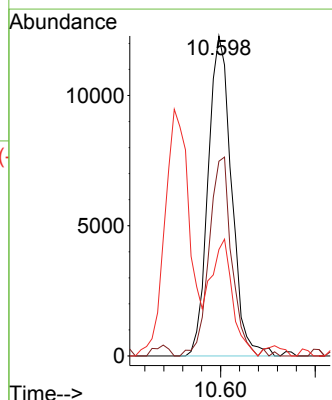
Tgt Ion: 69 Resp: 21144

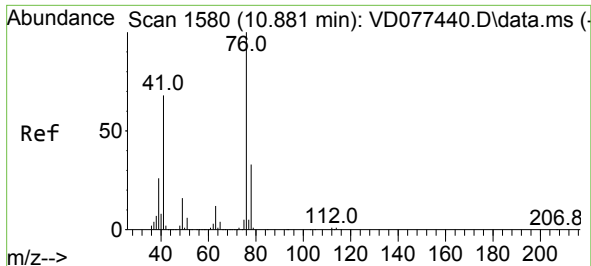
Ion Ratio Lower Upper

69 100

41 59.8 39.1 58.7#

39 34.2 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 22.336 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.001 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

Instrument :

MSVOA_D

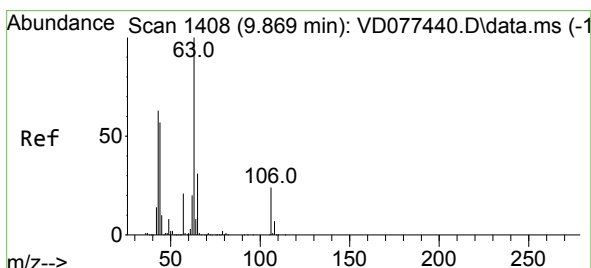
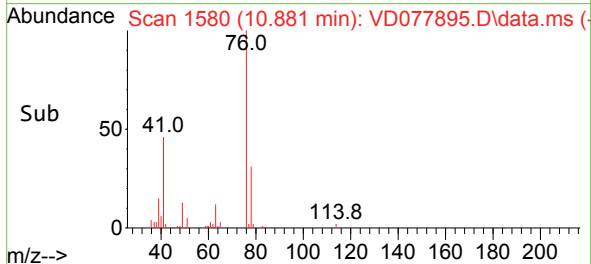
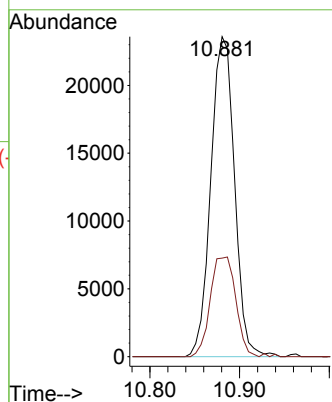
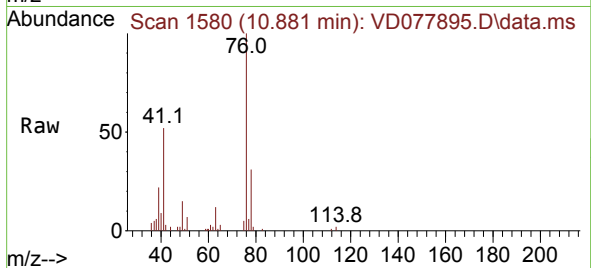
ClientSampleId :

Tgt Ion: 76 Resp: 43253

Ion Ratio Lower Upper

76 100

78 33.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 113.093 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD077895.D

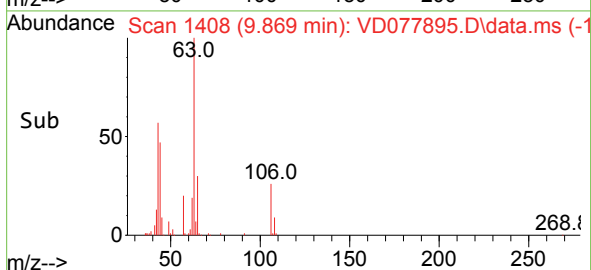
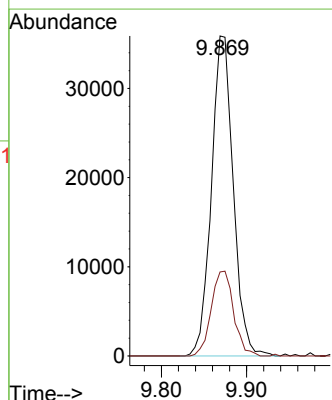
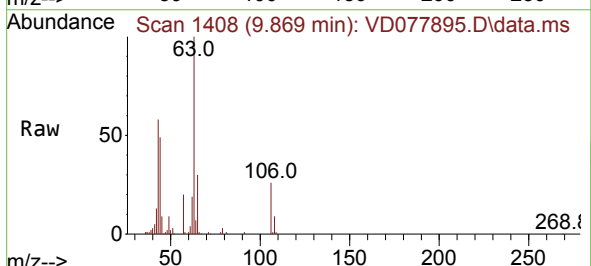
Acq: 15 Dec 2023 11:04

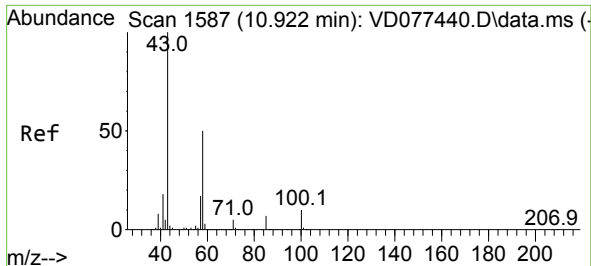
Tgt Ion: 63 Resp: 63871

Ion Ratio Lower Upper

63 100

106 27.2 25.3 37.9

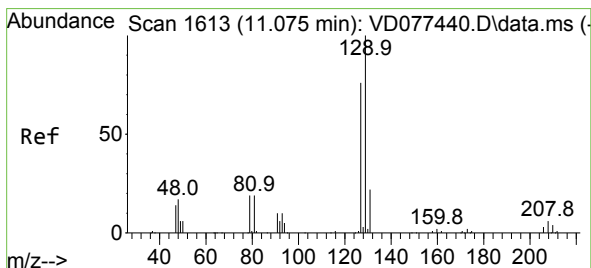
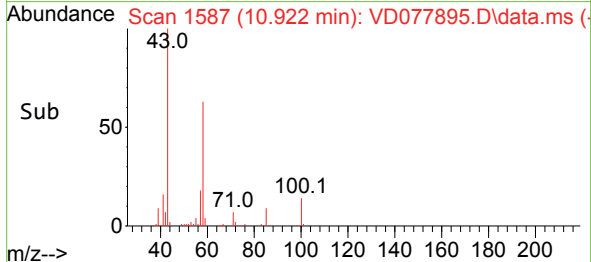
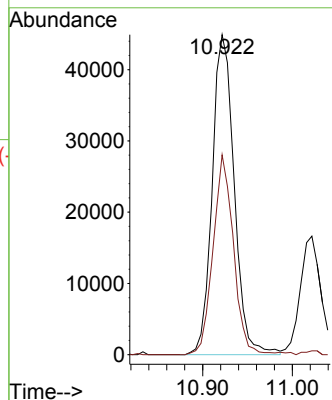
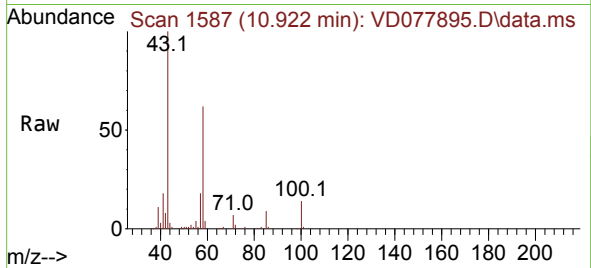




#59
2-Hexanone
Concen: 115.717 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

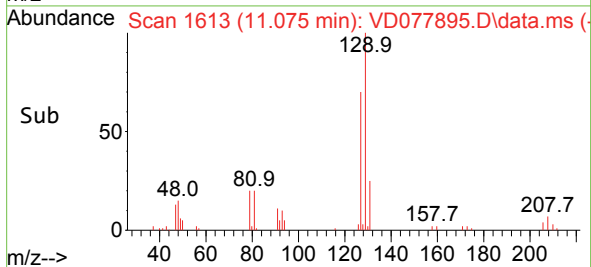
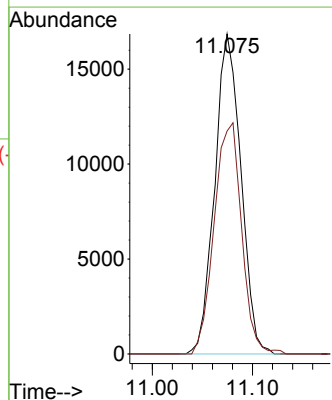
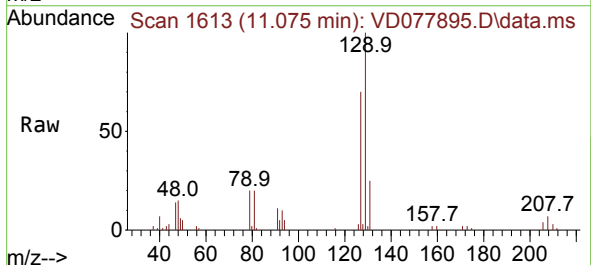
Instrument :
MSVOA_D
ClientSampleId :

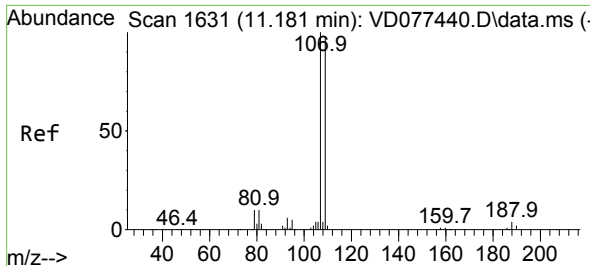
Tgt Ion: 43 Resp: 76405
Ion Ratio Lower Upper
43 100
58 57.9 34.1 102.2



#60
Dibromochloromethane
Concen: 22.601 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion:129 Resp: 30570
Ion Ratio Lower Upper
129 100
127 75.6 37.1 111.5

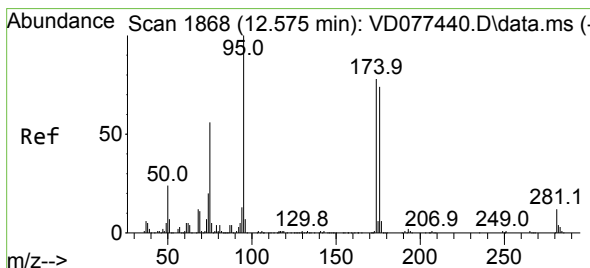
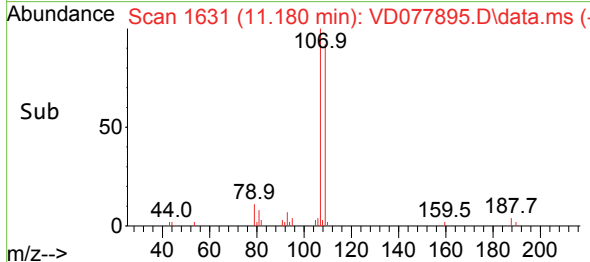
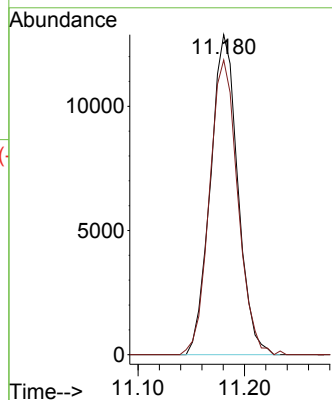
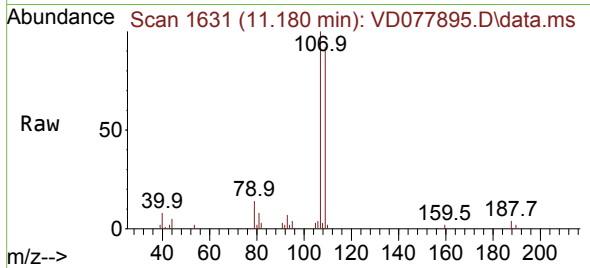




#61
1,2-Dibromoethane
Concen: 21.756 ug/l
RT: 11.180 min Scan# 1631
Delta R.T. -0.001 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

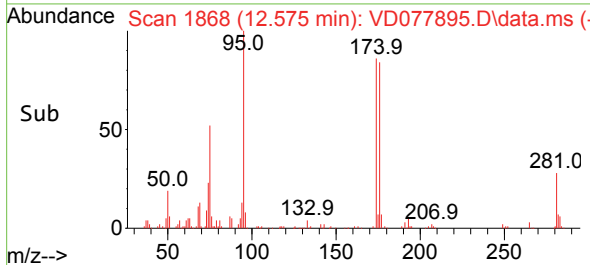
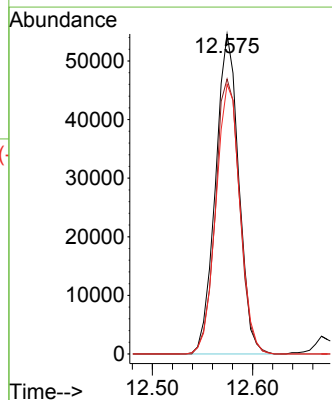
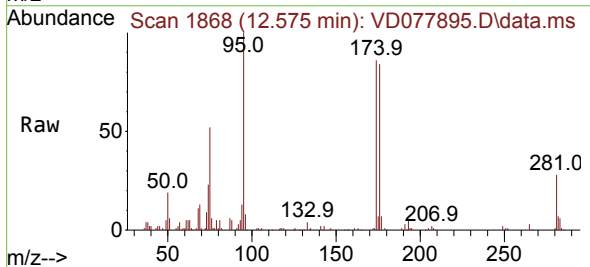
Instrument :
MSVOA_D
ClientSampleId :

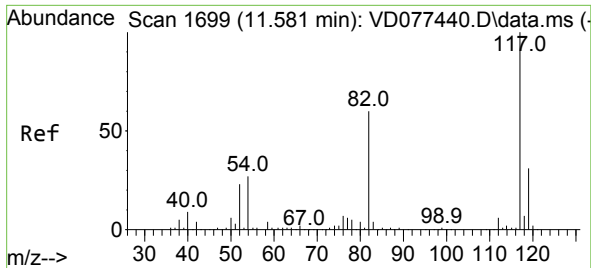
Tgt Ion:107 Resp: 23007
Ion Ratio Lower Upper
107 100
109 95.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.227 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion: 95 Resp: 87960
Ion Ratio Lower Upper
95 100
174 88.9 0.0 201.8
176 87.1 0.0 191.8

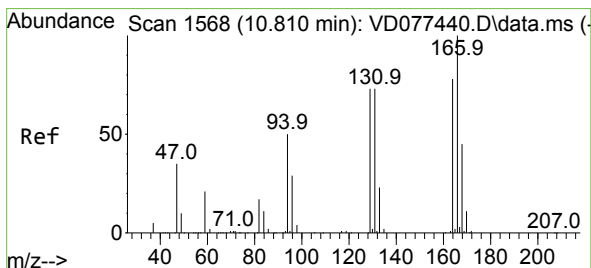
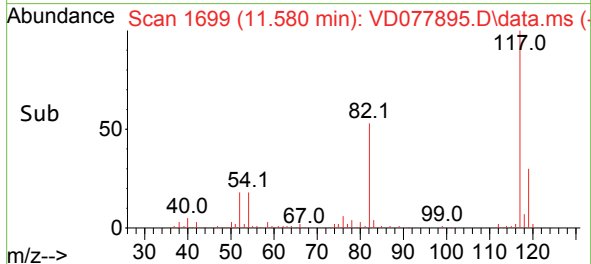
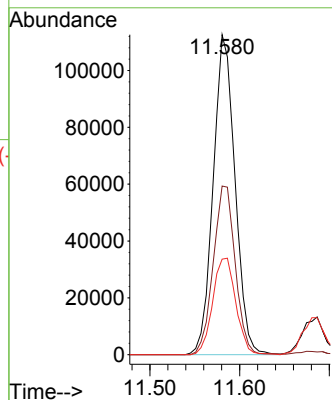
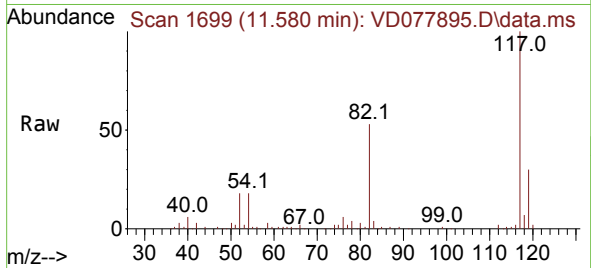




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

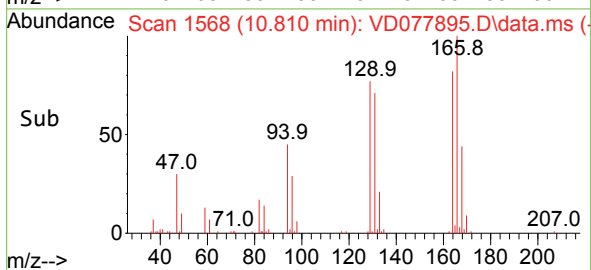
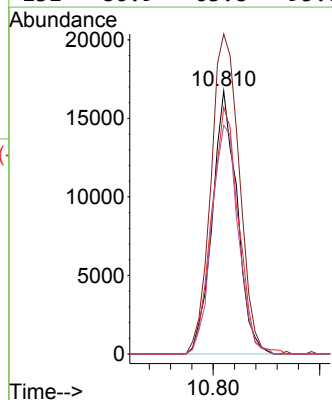
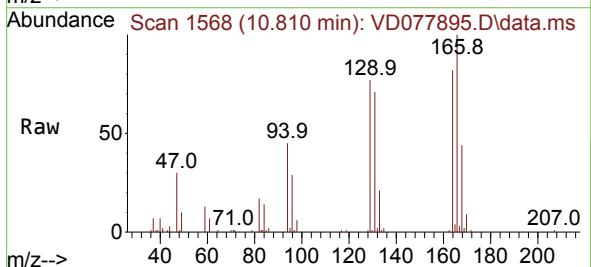
Instrument :
MSVOA_D
ClientSampleId :

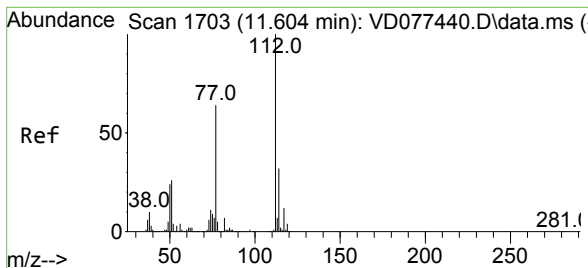
Tgt Ion:117 Resp: 190011
Ion Ratio Lower Upper
117 100
82 52.7 38.3 57.5
119 29.9 25.0 37.4



#64
Tetrachloroethene
Concen: 19.390 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion:164 Resp: 27079
Ion Ratio Lower Upper
164 100
166 121.6 99.2 148.8
129 93.7 68.4 102.6
131 86.9 63.8 95.8





#65

Chlorobenzene

Concen: 19.474 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

Instrument :

MSVOA_D

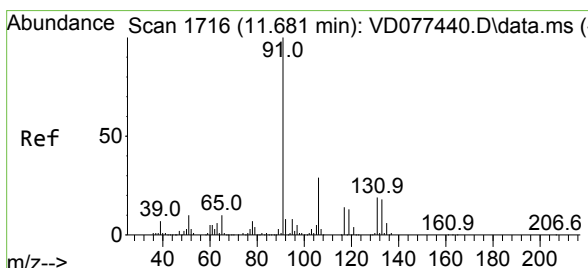
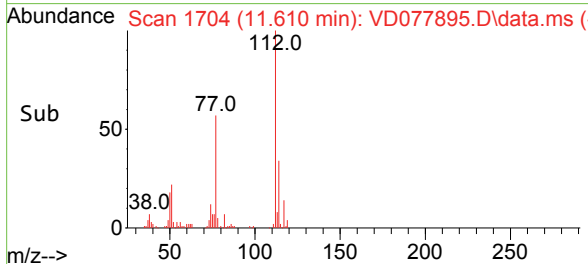
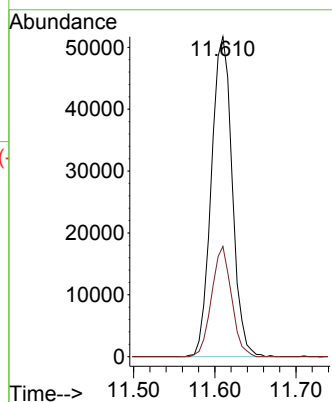
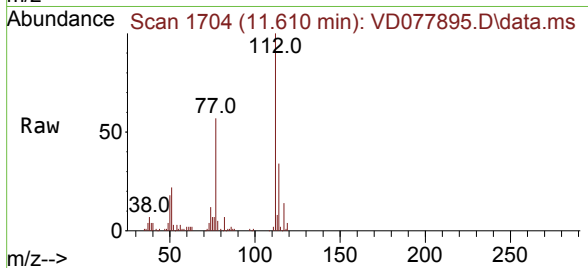
ClientSampleId :

Tgt Ion:112 Resp: 92308

Ion Ratio Lower Upper

112 100

114 34.5 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 21.476 ug/l

RT: 11.680 min Scan# 1716

Delta R.T. -0.001 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

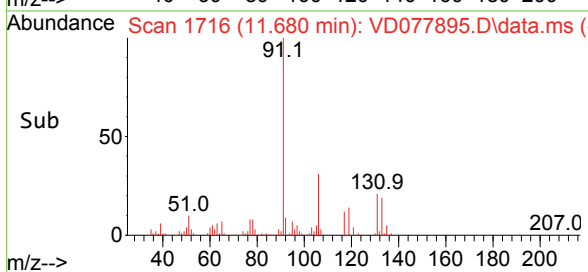
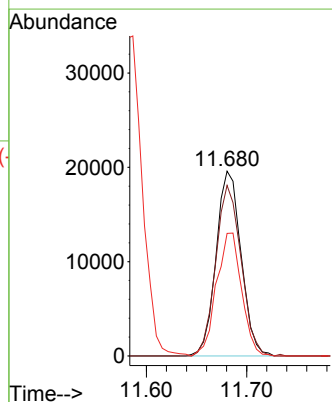
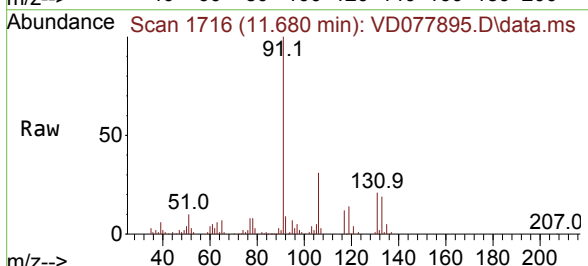
Tgt Ion:131 Resp: 33934

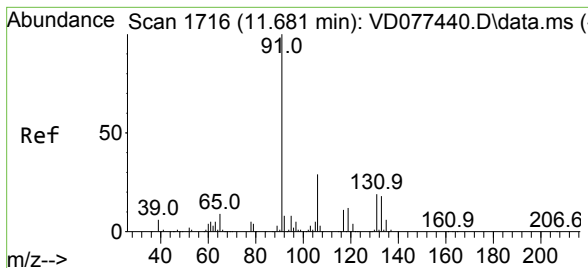
Ion Ratio Lower Upper

131 100

133 93.7 48.5 145.5

119 66.8 35.6 106.9





#67

Ethyl Benzene

Concen: 20.967 ug/l

RT: 11.686 min Scan# 1717

Delta R.T. 0.005 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

Instrument :

MSVOA_D

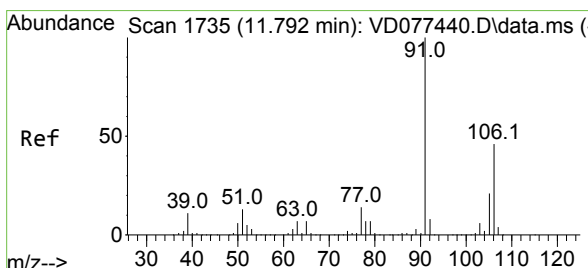
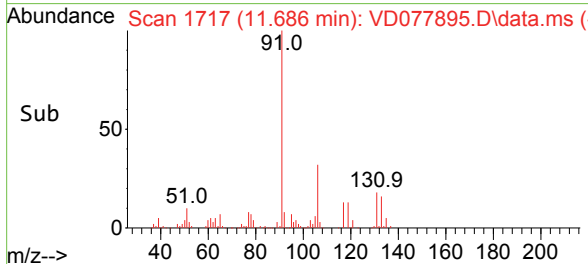
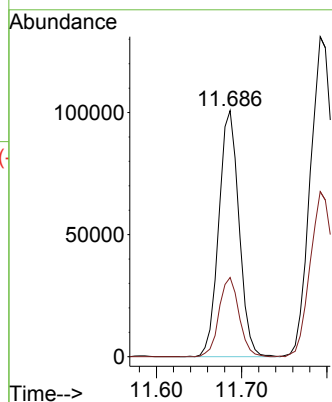
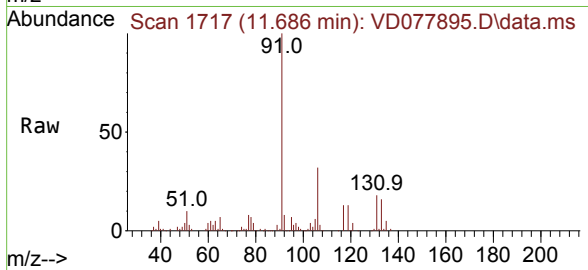
ClientSampleId :

Tgt Ion: 91 Resp: 165861

Ion Ratio Lower Upper

91 100

106 32.2 26.5 39.7



#68

m/p-Xylenes

Concen: 42.149 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077895.D

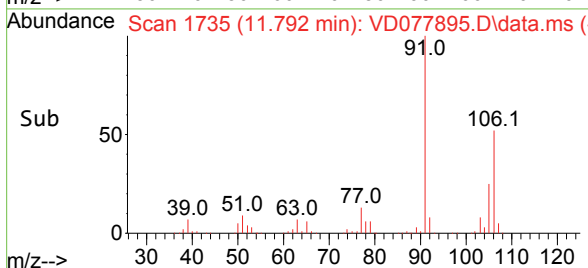
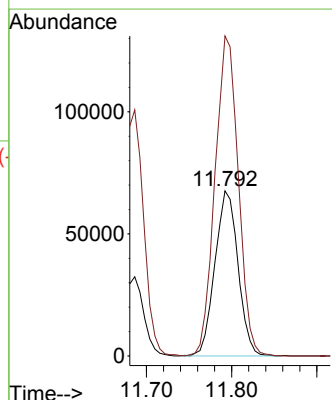
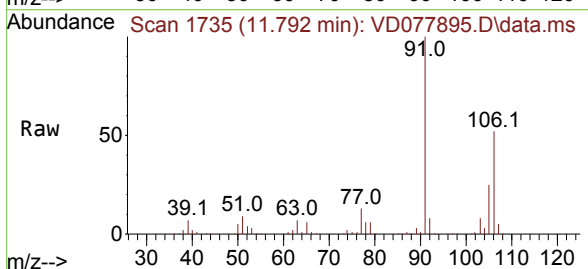
Acq: 15 Dec 2023 11:04

Tgt Ion:106 Resp: 127540

Ion Ratio Lower Upper

106 100

91 195.6 147.0 220.6

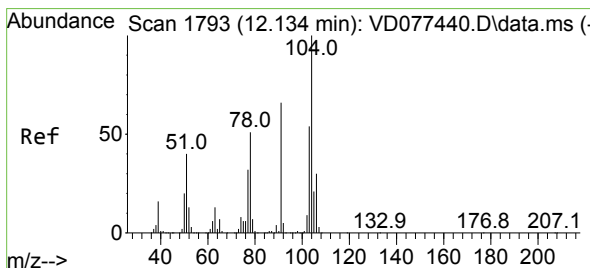
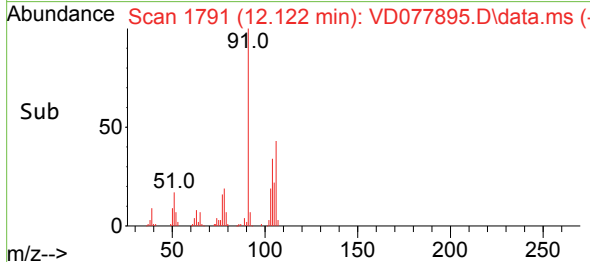
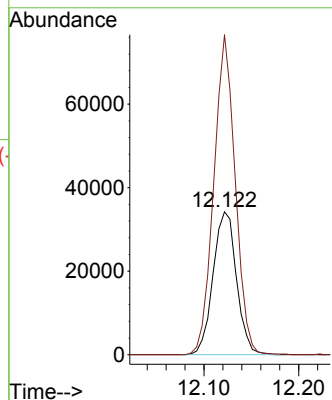
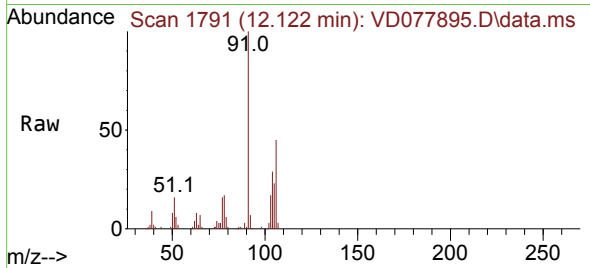




#69
o-Xylene
Concen: 21.116 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

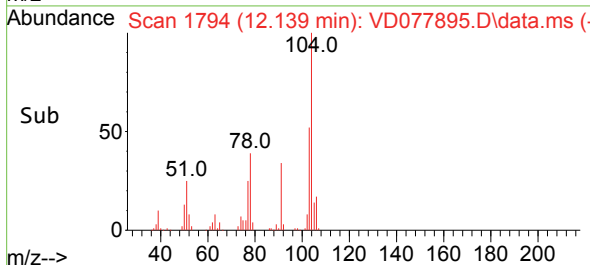
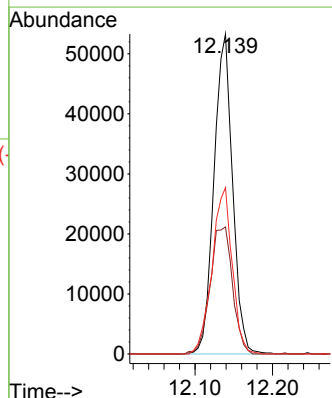
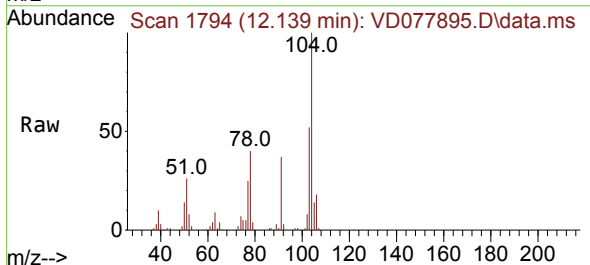
Instrument :
MSVOA_D
ClientSampleId :

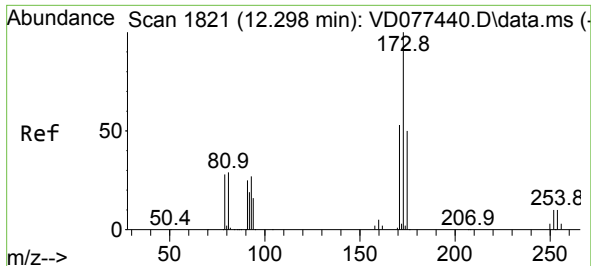
Tgt Ion:106 Resp: 58888
Ion Ratio Lower Upper
106 100
91 205.0 97.9 293.6



#70
Styrene
Concen: 21.410 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.005 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion:104 Resp: 88782
Ion Ratio Lower Upper
104 100
78 47.6 33.2 49.8
103 56.4 43.6 65.4

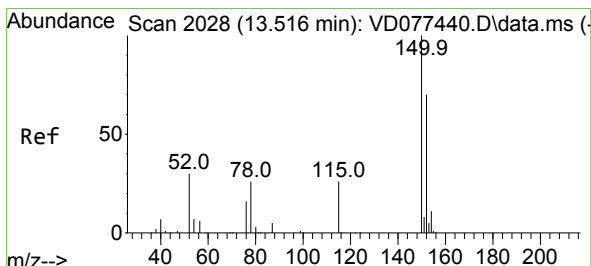
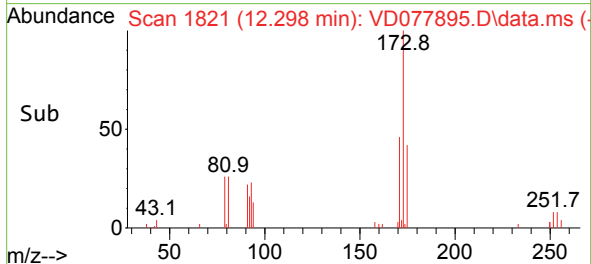
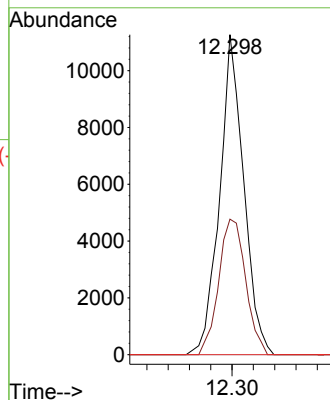
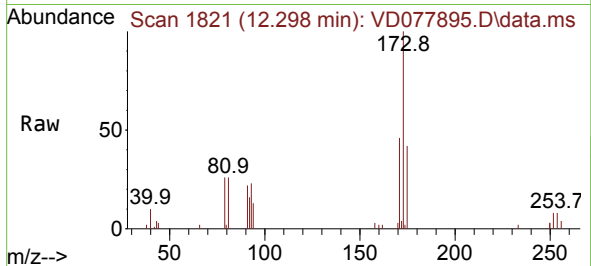




#71
Bromoform
Concen: 21.395 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

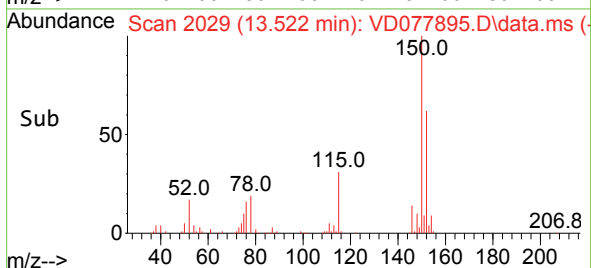
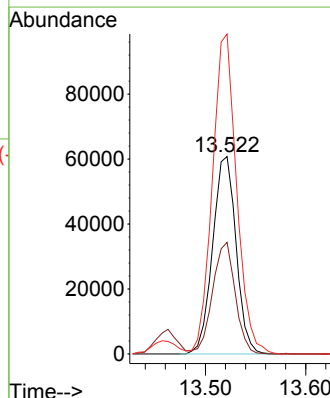
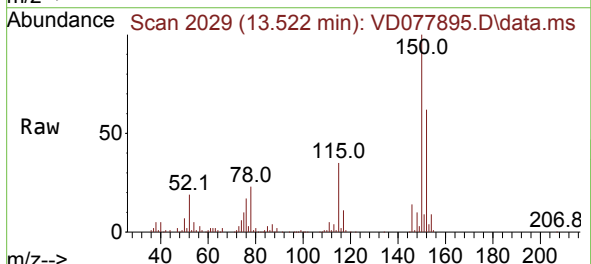
Instrument :
MSVOA_D
ClientSampleId :

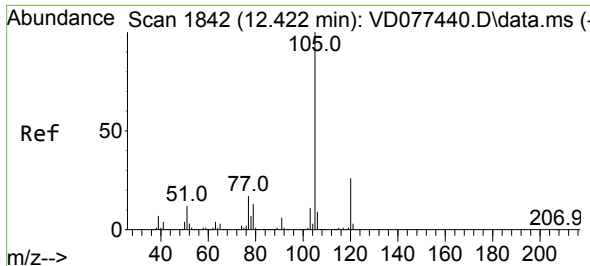
Tgt Ion:173 Resp: 17664
Ion Ratio Lower Upper
173 100
175 47.4 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

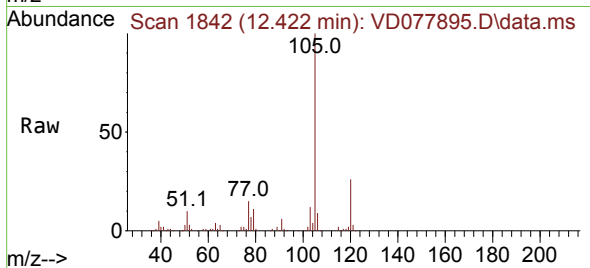
Tgt Ion:152 Resp: 98545
Ion Ratio Lower Upper
152 100
115 55.0 27.1 81.3
150 167.3 0.0 353.6



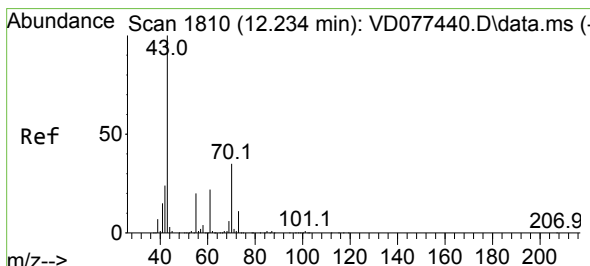
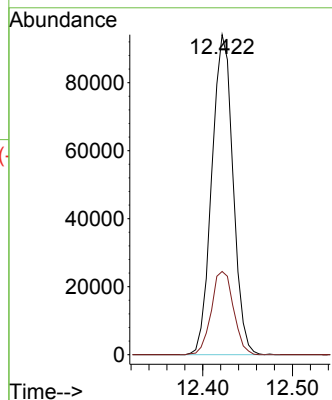
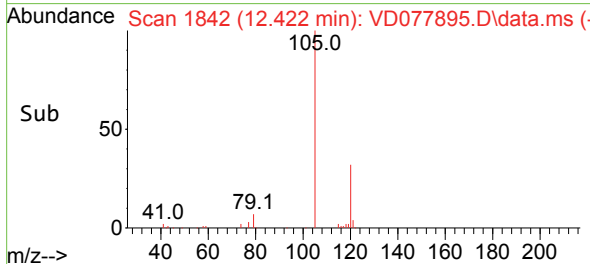


#73
Isopropylbenzene
Concen: 20.655 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

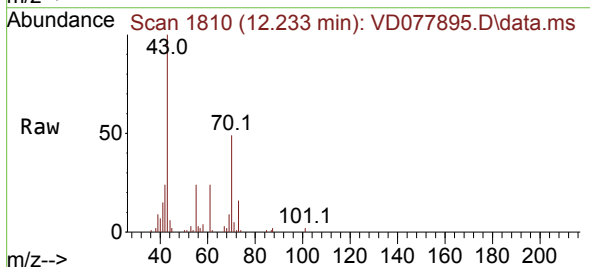
Instrument :
MSVOA_D
ClientSampleId :



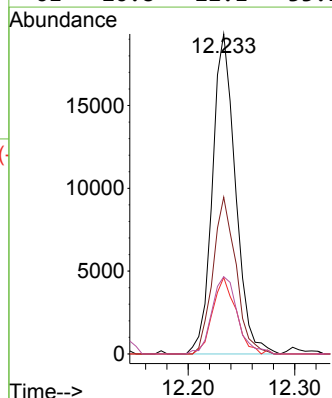
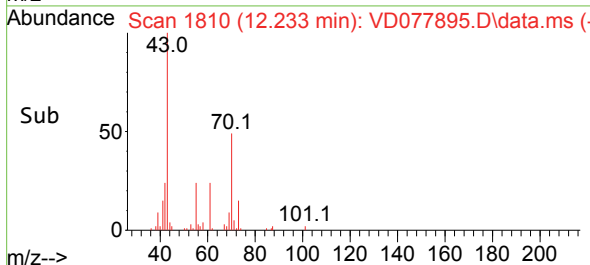
Tgt Ion:105 Resp: 154266
Ion Ratio Lower Upper
105 100
120 27.2 14.3 42.9

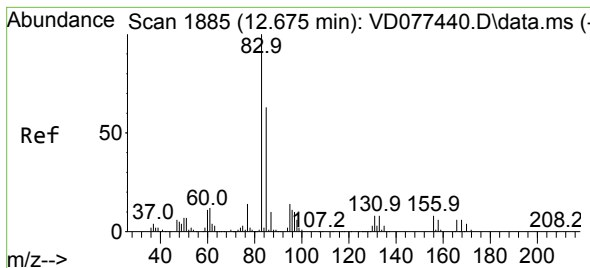


#74
N-ethyl acetate
Concen: 19.794 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.001 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04



Tgt Ion: 43 Resp: 29060
Ion Ratio Lower Upper
43 100
70 48.9 45.0 67.4
55 24.3 23.8 35.6
61 26.8 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.710 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

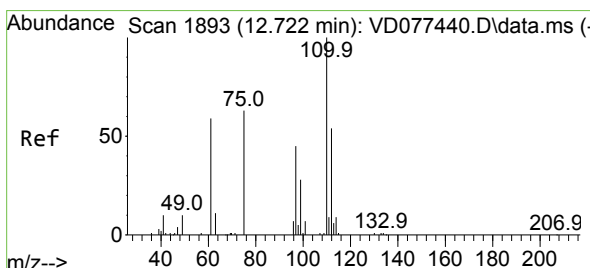
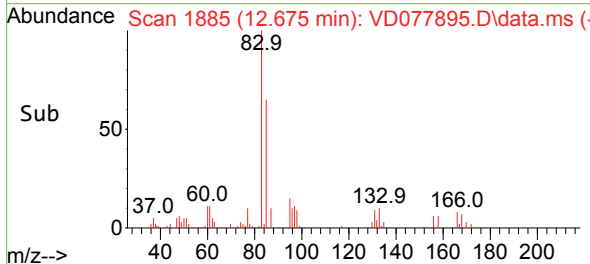
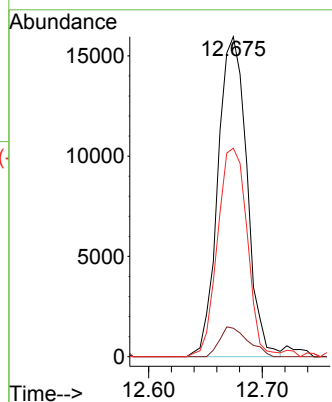
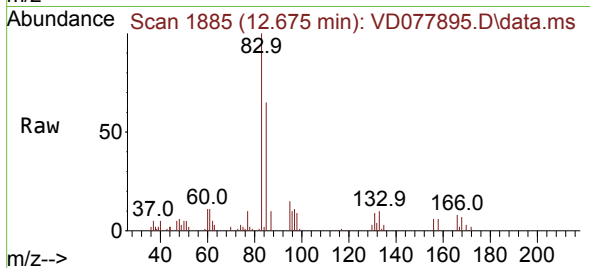
Tgt Ion: 83 Resp: 28272

Ion Ratio Lower Upper

83 100

131 9.1 5.1 15.3

85 66.5 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 41.706 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD077895.D

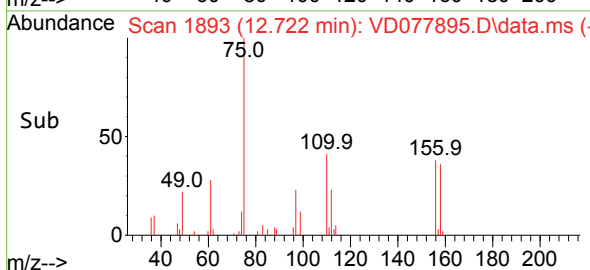
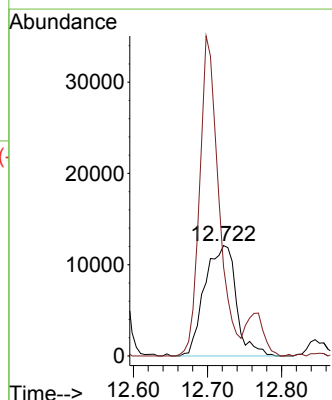
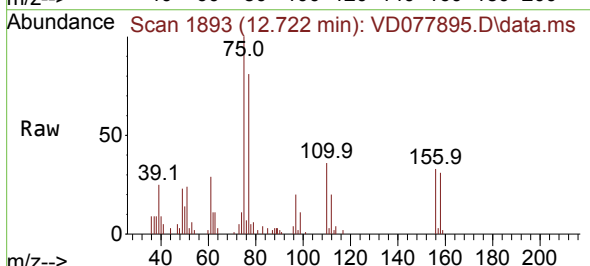
Acq: 15 Dec 2023 11:04

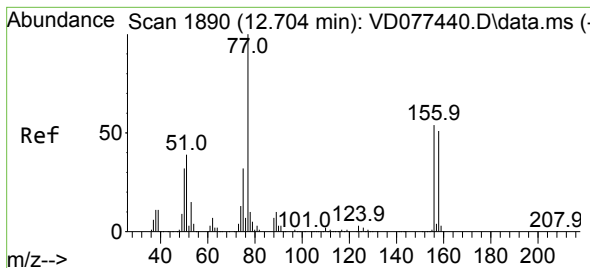
Tgt Ion: 75 Resp: 35695

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.154 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. -0.000 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

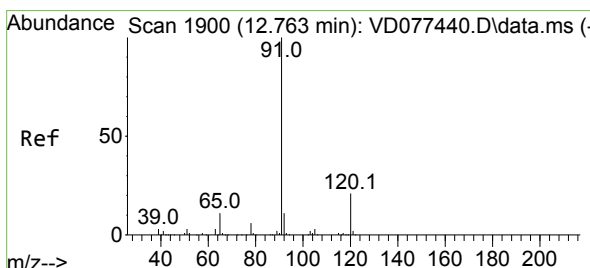
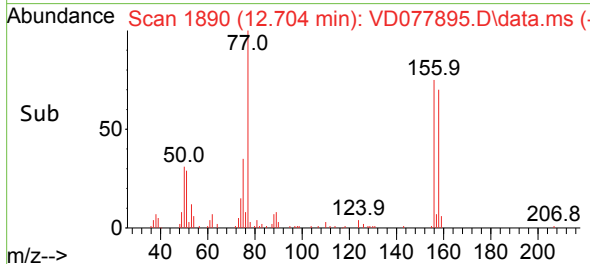
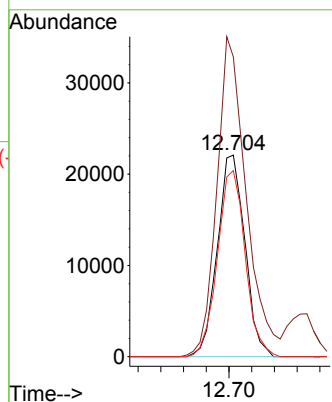
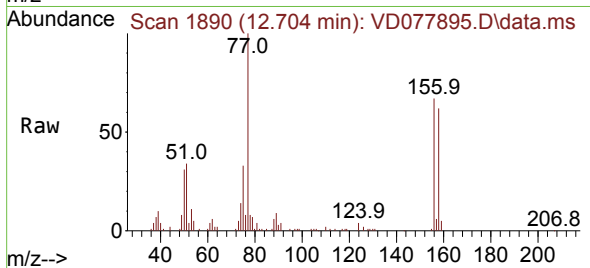
Tgt Ion:156 Resp: 37162

Ion Ratio Lower Upper

156 100

77 169.3 76.8 230.4

158 93.4 48.6 145.9



#78

n-propylbenzene

Concen: 21.435 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD077895.D

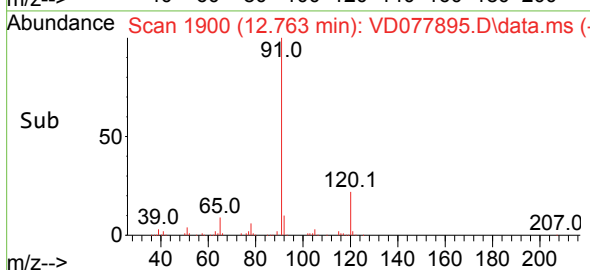
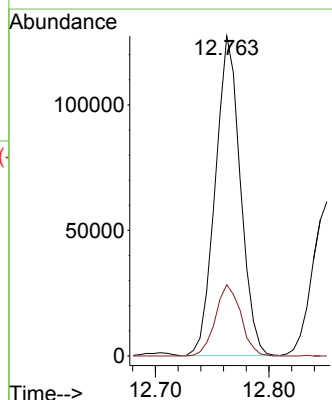
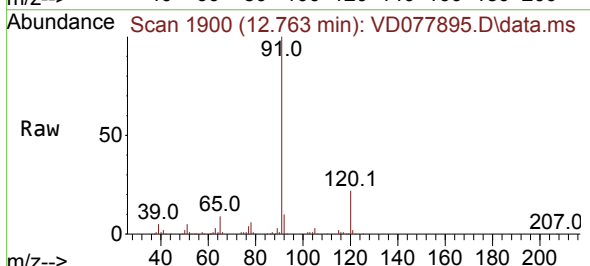
Acq: 15 Dec 2023 11:04

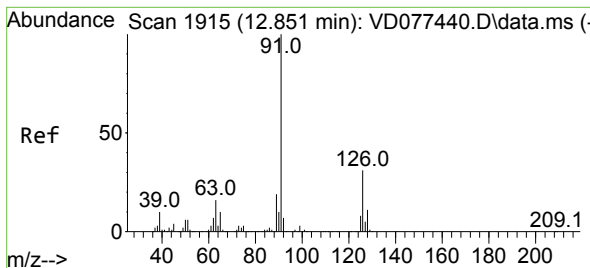
Tgt Ion: 91 Resp: 195081

Ion Ratio Lower Upper

91 100

120 22.5 12.4 37.2





#79

2-Chlorotoluene

Concen: 20.890 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

Instrument :

MSVOA_D

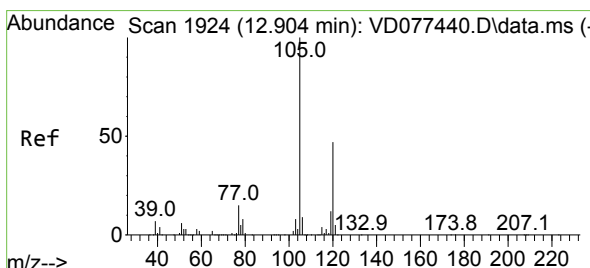
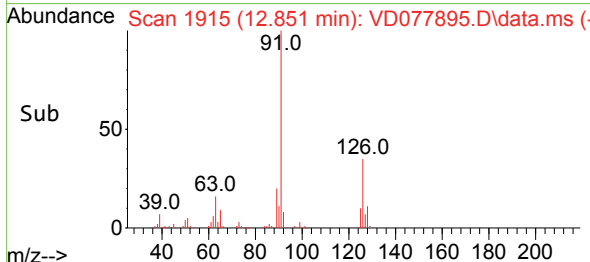
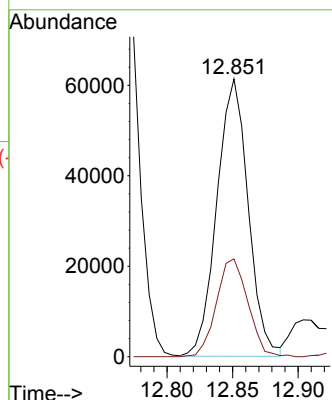
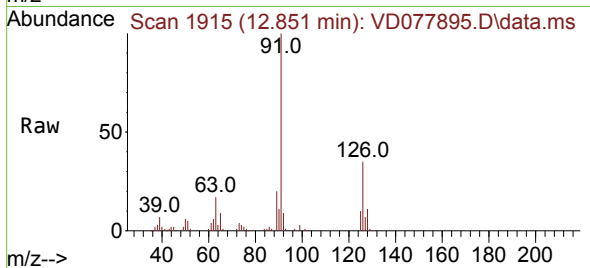
ClientSampleId :

Tgt Ion: 91 Resp: 101889

Ion Ratio Lower Upper

91 100

126 35.3 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 20.577 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD077895.D

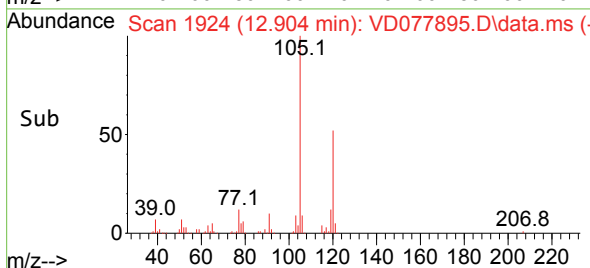
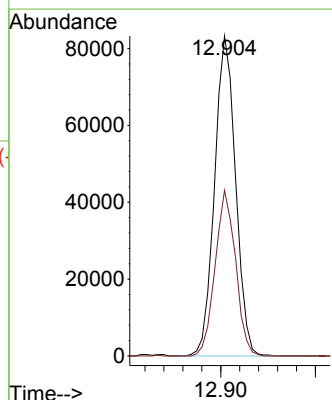
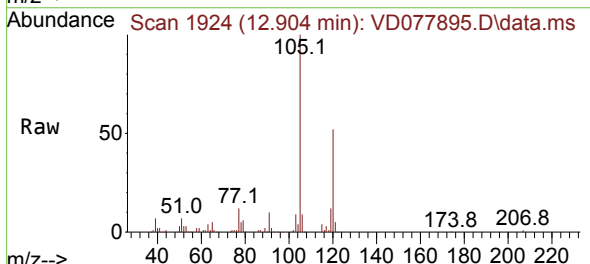
Acq: 15 Dec 2023 11:04

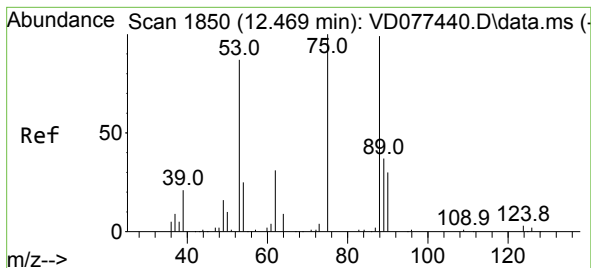
Tgt Ion: 105 Resp: 128179

Ion Ratio Lower Upper

105 100

120 50.4 26.4 79.2

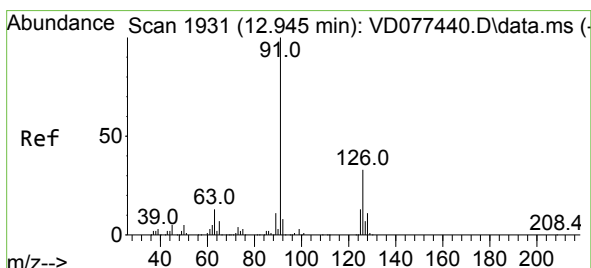
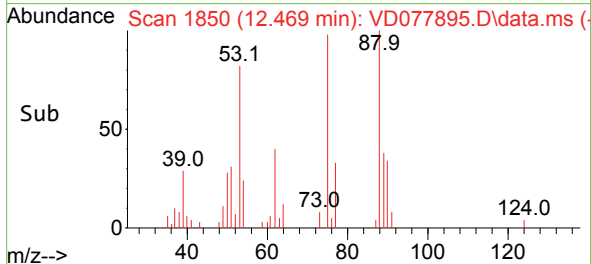
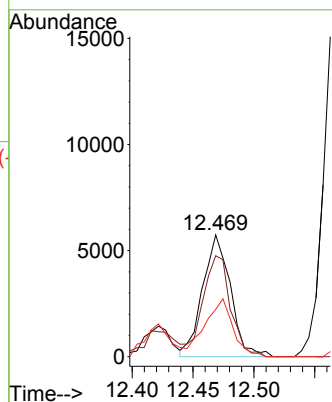
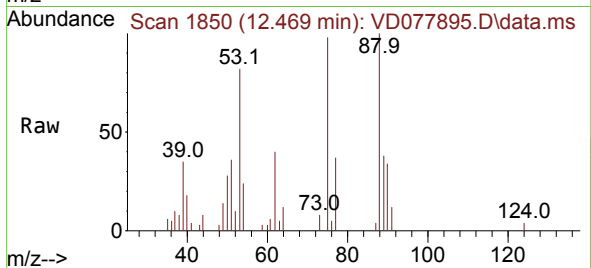




#81
trans-1,4-Dichloro-2-butene
Concen: 21.611 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

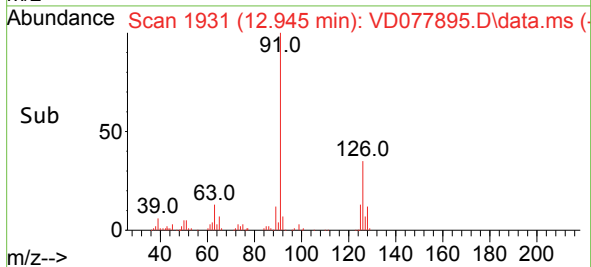
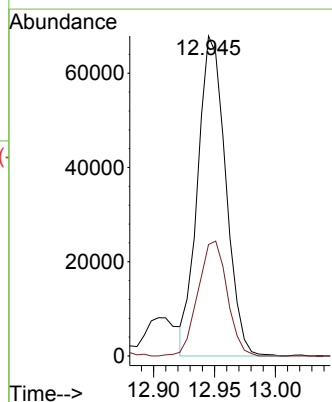
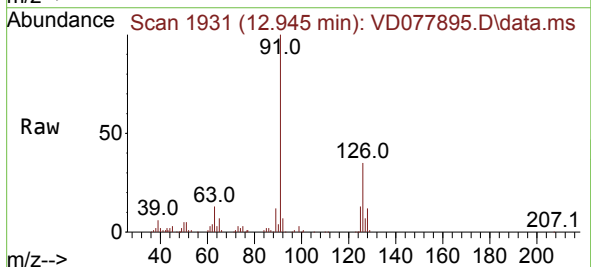
Instrument :
MSVOA_D
ClientSampleId :

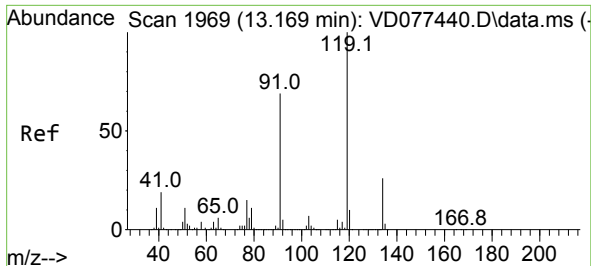
Tgt Ion	Ratio	Lower	Upper
75	100		
53	83.0	63.0	94.4
89	46.9	37.9	56.9



#82
4-Chlorotoluene
Concen: 21.373 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.3	19.4	58.4

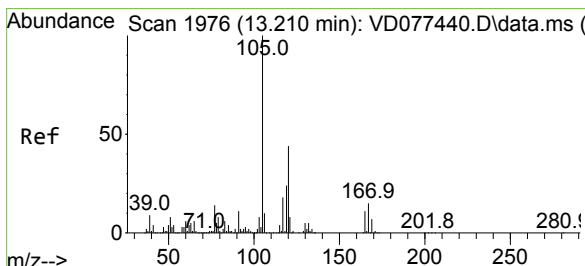
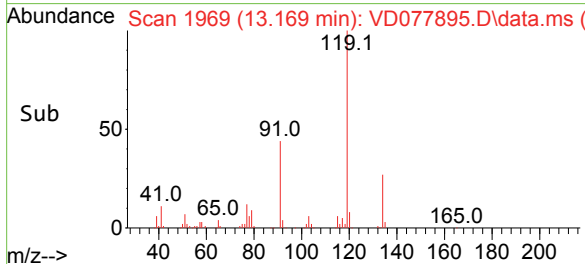
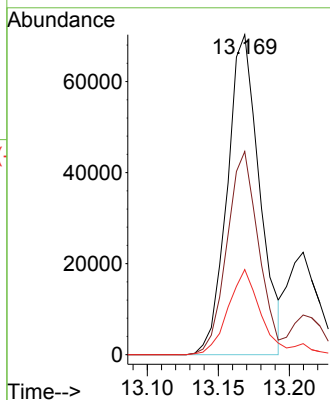
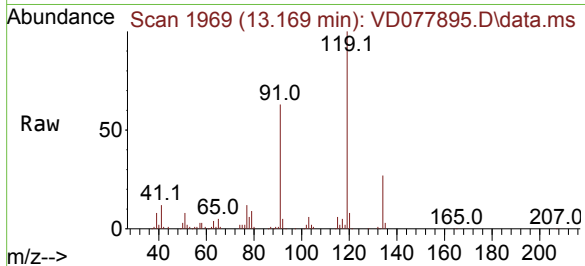




#83
tert-Butylbenzene
Concen: 21.172 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

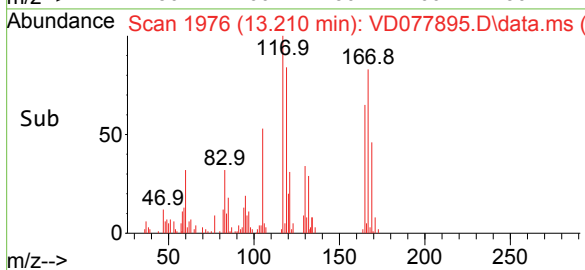
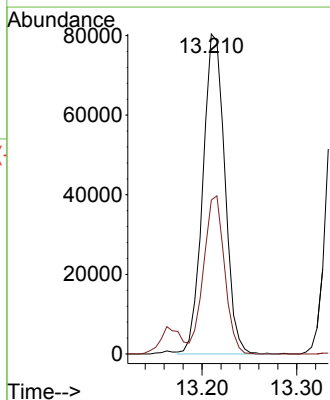
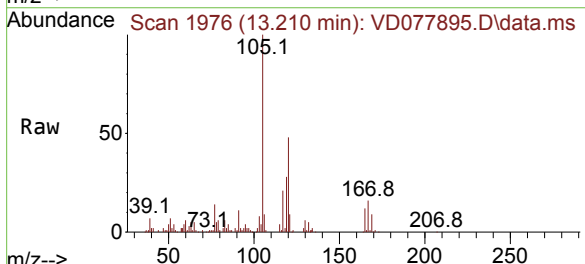
Instrument :
MSVOA_D
ClientSampleId :

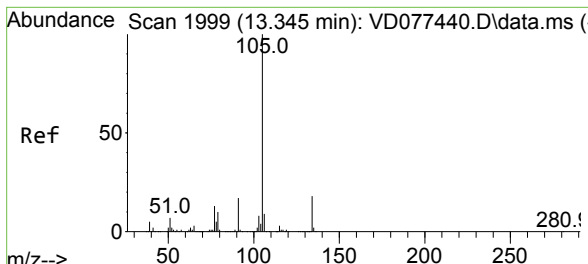
Tgt Ion:119 Resp: 111340
Ion Ratio Lower Upper
119 100
91 62.0 29.3 87.8
134 28.4 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 20.753 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion:105 Resp: 129303
Ion Ratio Lower Upper
105 100
120 47.0 24.3 72.9

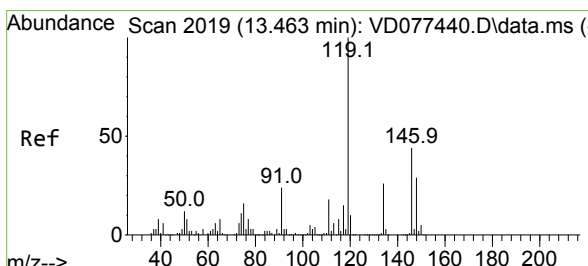
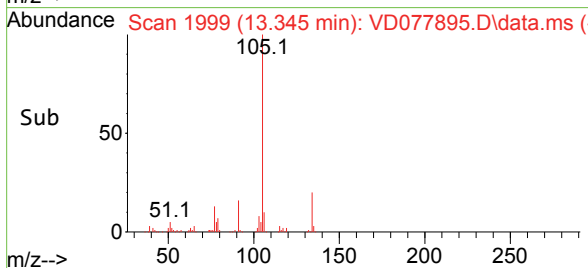
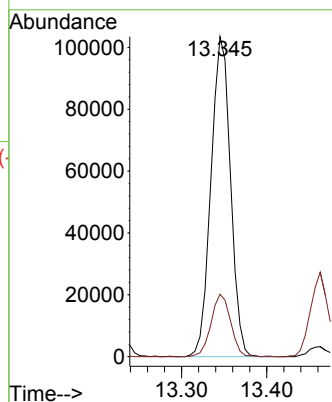
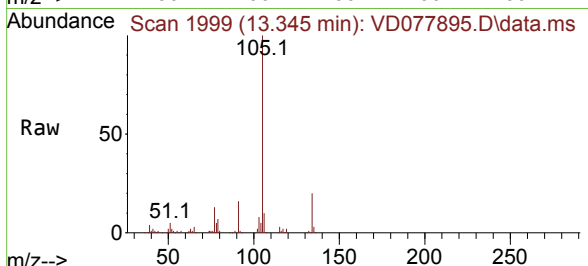




#85
 sec-Butylbenzene
 Concen: 21.183 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077895.D
 Acq: 15 Dec 2023 11:04

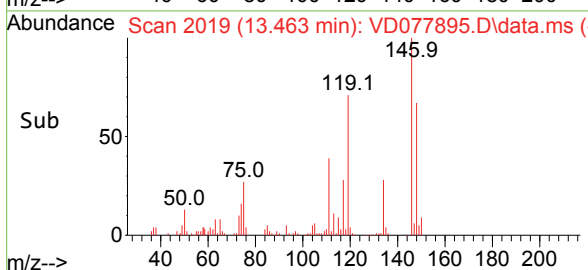
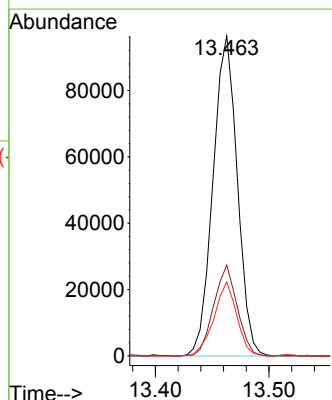
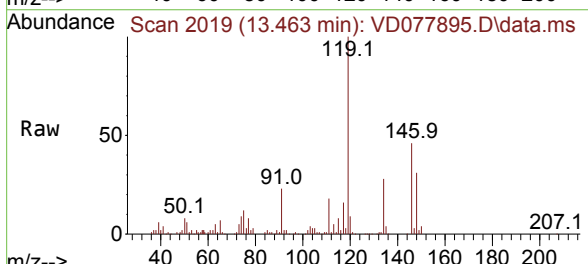
Instrument :
 MSVOA_D
 ClientSampleId :

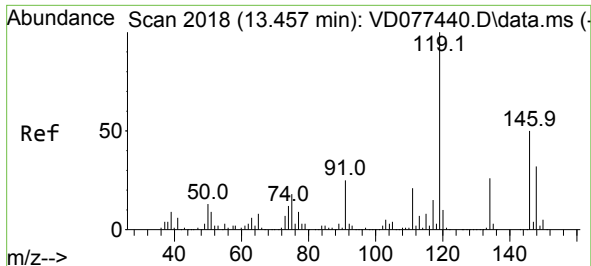
Tgt Ion:105 Resp: 164671
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.597 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077895.D
 Acq: 15 Dec 2023 11:04

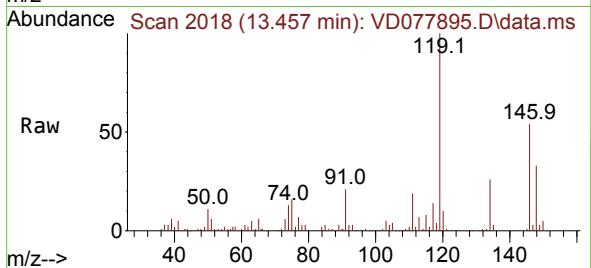
Tgt Ion:119 Resp: 143350
 Ion Ratio Lower Upper
 119 100
 134 27.4 14.2 42.6
 91 21.8 10.5 31.5



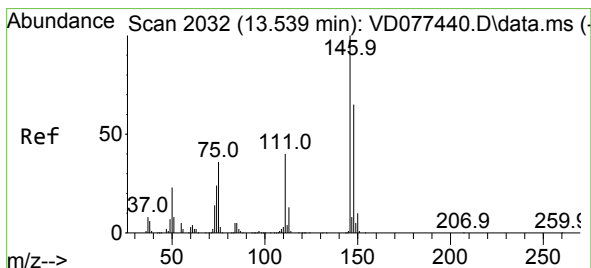
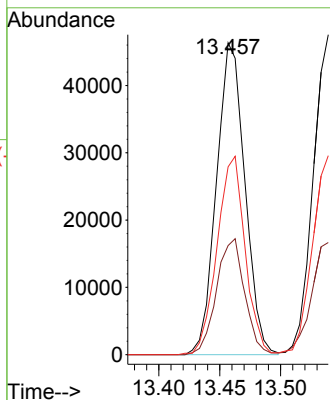
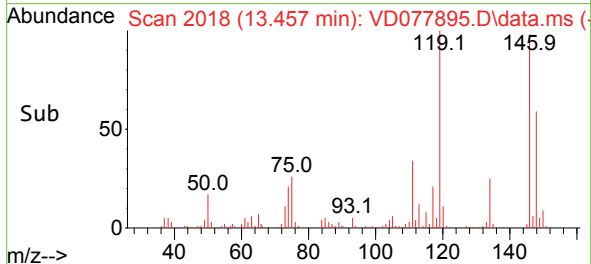


#87
1,3-Dichlorobenzene
Concen: 20.946 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

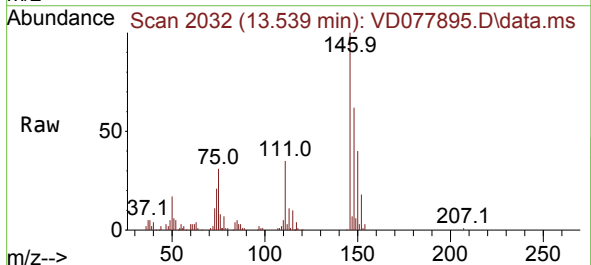
Instrument :
MSVOA_D
ClientSampleId :



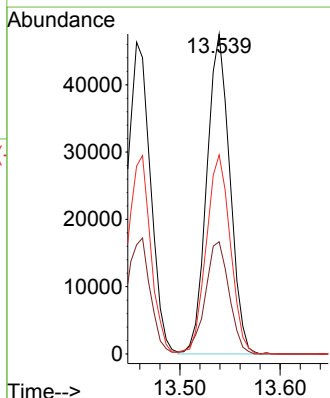
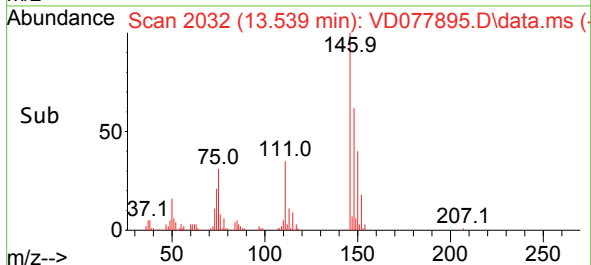
Tgt Ion:146 Resp: 75250
Ion Ratio Lower Upper
146 100
111 36.8 17.9 53.8
148 62.9 32.3 96.8

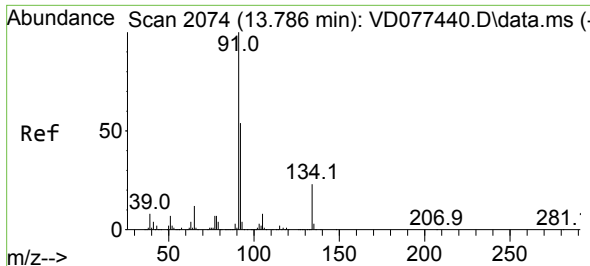


#88
1,4-Dichlorobenzene
Concen: 20.274 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04



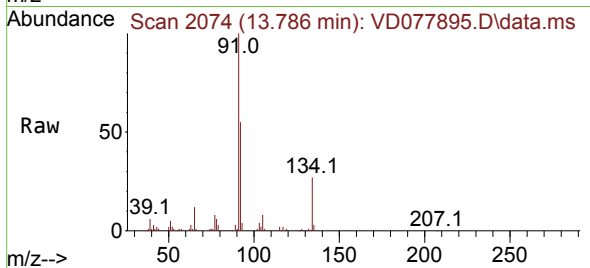
Tgt Ion:146 Resp: 76122
Ion Ratio Lower Upper
146 100
111 36.3 17.4 52.3
148 64.8 31.7 95.1



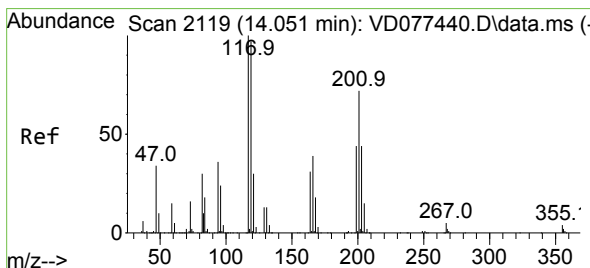
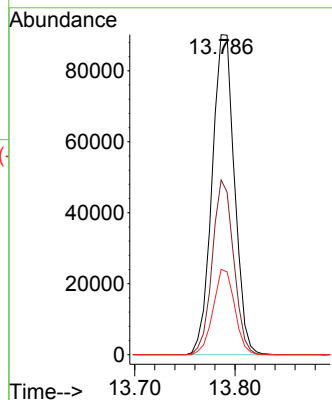
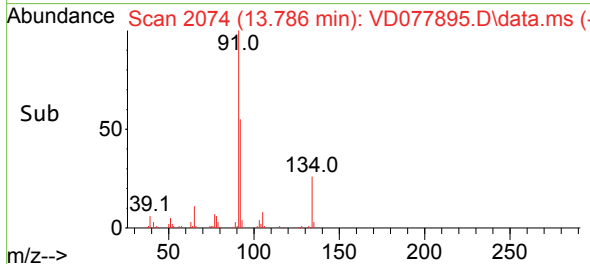


#89
n-Butylbenzene
Concen: 21.400 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :

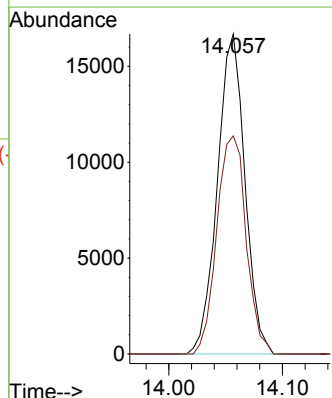
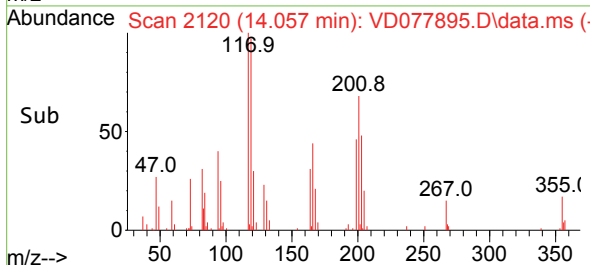
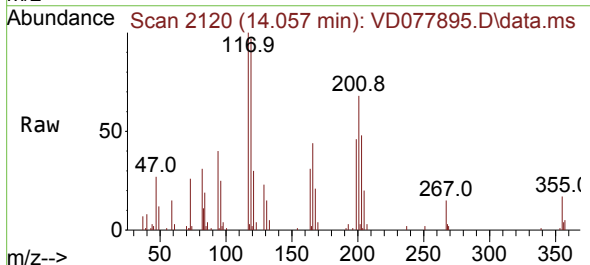


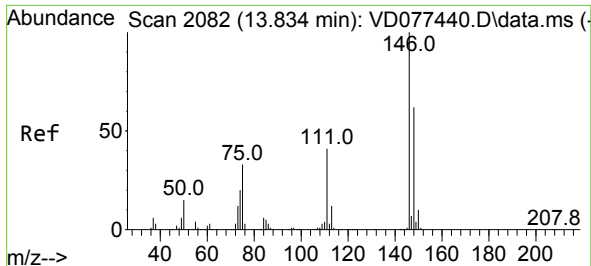
Tgt Ion: 91 Resp: 140147
Ion Ratio Lower Upper
91 100
92 52.0 26.5 79.5
134 25.6 13.8 41.3



#90
Hexachloroethane
Concen: 21.948 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion: 117 Resp: 28093
Ion Ratio Lower Upper
117 100
201 72.4 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 20.915 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.001 min

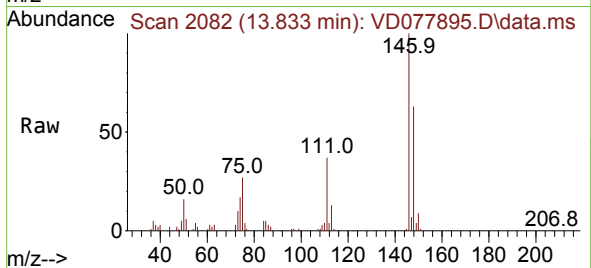
Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :



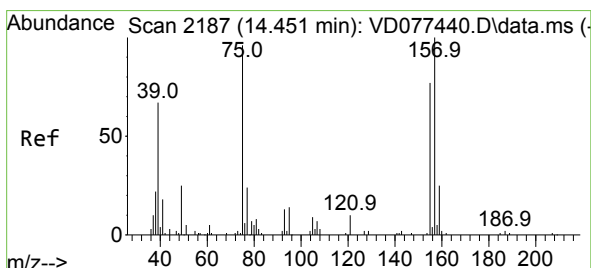
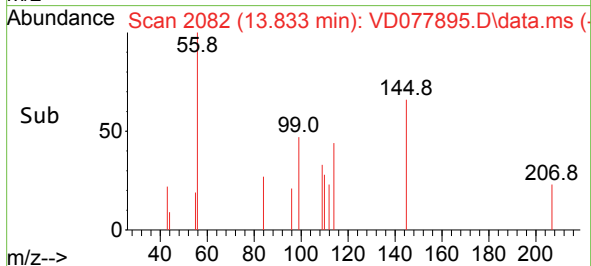
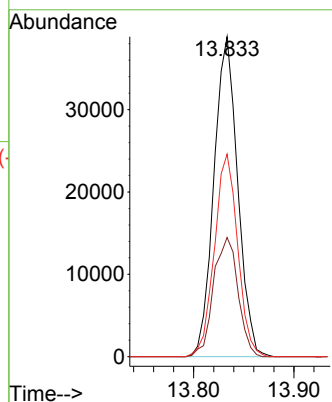
Tgt Ion:146 Resp: 63903

Ion Ratio Lower Upper

146 100

111 38.4 18.3 54.8

148 62.0 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.573 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

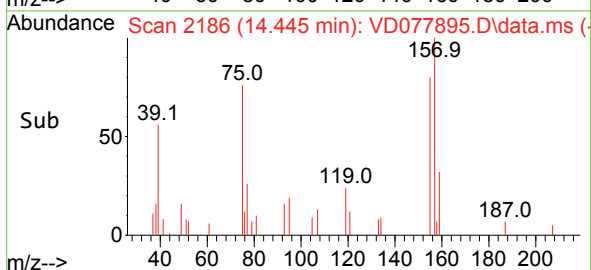
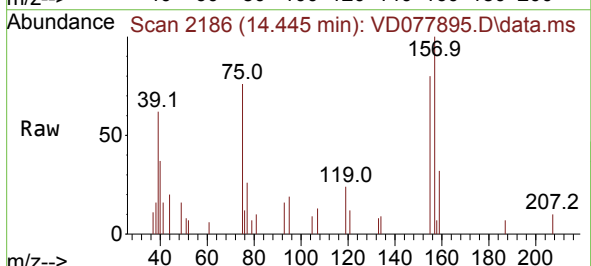
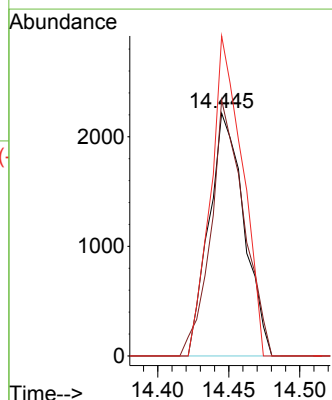
Tgt Ion: 75 Resp: 3805

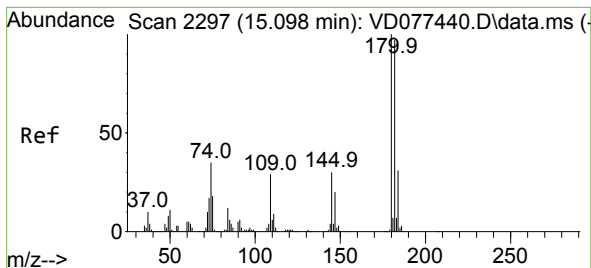
Ion Ratio Lower Upper

75 100

155 98.5 47.9 143.8

157 119.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.671 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

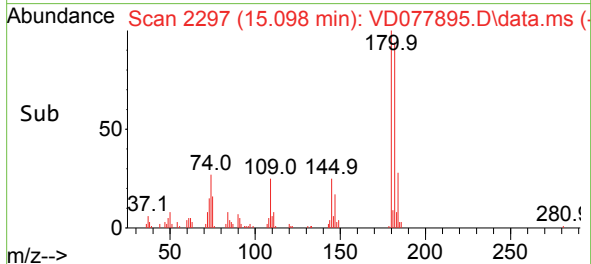
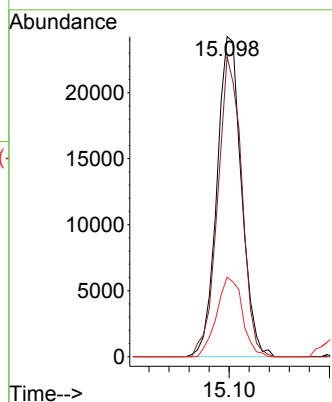
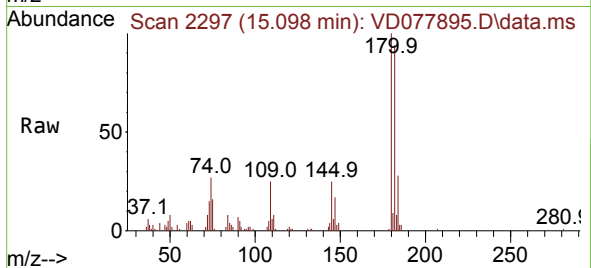
Tgt Ion:180 Resp: 41053

Ion Ratio Lower Upper

180 100

182 92.0 48.5 145.6

145 26.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.182 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD077895.D

Acq: 15 Dec 2023 11:04

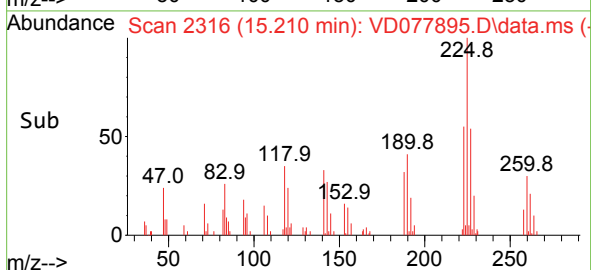
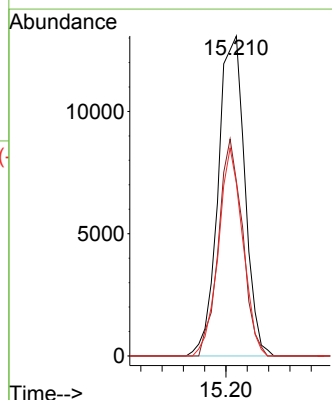
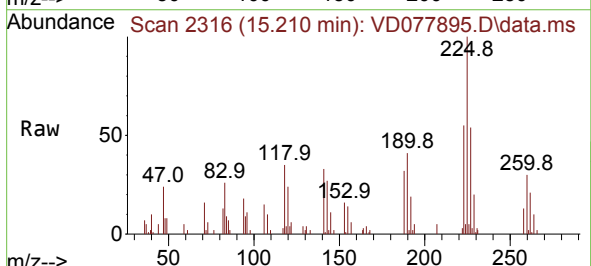
Tgt Ion:225 Resp: 22713

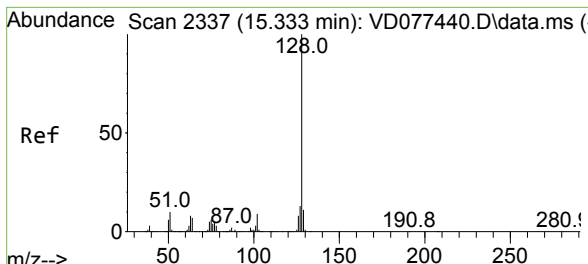
Ion Ratio Lower Upper

225 100

223 61.0 31.6 94.8

227 59.3 31.7 95.1

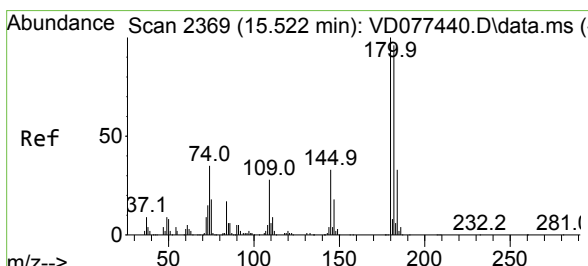
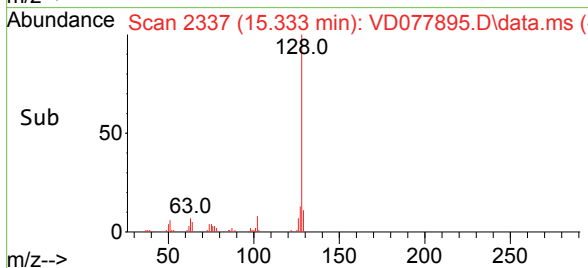
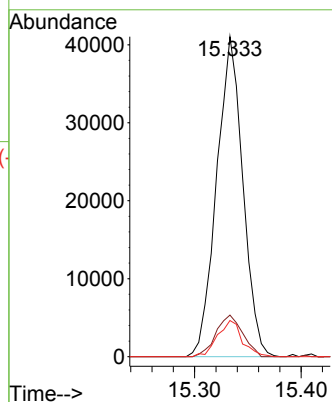
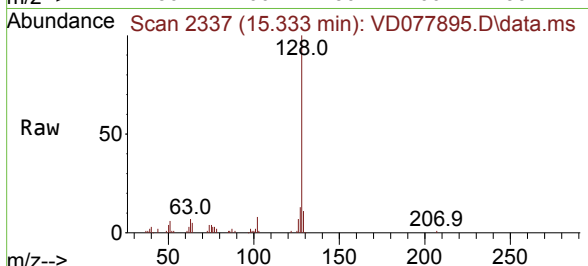




#95
Naphthalene
Concen: 20.237 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	70173
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	11.3	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.357 ug/l
RT: 15.527 min Scan# 2370
Delta R.T. 0.005 min
Lab File: VD077895.D
Acq: 15 Dec 2023 11:04

Tgt Ion:	180	Resp:	33305
Ion Ratio	Lower	Upper	
180	100		
182	99.1	47.3	141.9
145	30.8	15.1	45.3

