

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121923\
 Data File : VD077969.D
 Acq On : 19 Dec 2023 12:54
 Operator : RP/MD
 Sample : VD1219SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 20 02:02:50 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	127779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	221227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	199119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	106082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70634	46.911	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.820%
35) Dibromofluoromethane	7.810	113	77756	50.178	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.360%
50) Toluene-d8	10.269	98	302367	48.718	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.440%
62) 4-Bromofluorobenzene	12.575	95	91027	49.056	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	33697	21.111	ug/l	100
3) Chloromethane	2.152	50	45595	20.957	ug/l	98
4) Vinyl Chloride	2.293	62	63769	21.590	ug/l	94
5) Bromomethane	2.699	94	43951	26.519	ug/l	99
6) Chloroethane	2.840	64	46896	23.289	ug/l	98
7) Trichlorofluoromethane	3.181	101	59495	21.871	ug/l	91
8) Diethyl Ether	3.593	74	15732	20.596	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.964	101	36511	23.461	ug/l	96
10) Methyl Iodide	4.164	142	31297	26.594	ug/l	96
11) Tert butyl alcohol	5.040	59	4261	49.736	ug/l	100
12) 1,1-Dichloroethene	3.952	96	32530	21.179	ug/l #	91
13) Acrolein	3.799	56	11045	69.346	ug/l	98
14) Allyl chloride	4.569	41	40376	19.113	ug/l	94
15) Acrylonitrile	5.264	53	34097	104.256	ug/l	99
16) Acetone	4.022	43	45765	124.842	ug/l	87
17) Carbon Disulfide	4.275	76	85629	16.479	ug/l	96
18) Methyl Acetate	4.564	43	23080	19.463	ug/l	91
19) Methyl tert-butyl Ether	5.328	73	69140	21.217	ug/l	97
20) Methylene Chloride	4.805	84	43514	21.657	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	35669	20.503	ug/l	91
22) Diisopropyl ether	6.216	45	88372	20.019	ug/l #	90
23) Vinyl Acetate	6.158	43	210403	97.601	ug/l	93
24) 1,1-Dichloroethane	6.116	63	64946	21.725	ug/l	98
25) 2-Butanone	7.081	43	51523	116.463	ug/l	91
26) 2,2-Dichloropropane	7.087	77	55020	21.921	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	41342	22.085	ug/l	91
28) Bromochloromethane	7.434	49	21377	17.696	ug/l	86
29) Tetrahydrofuran	7.446	42	22400	93.424	ug/l	94
30) Chloroform	7.599	83	66277	22.152	ug/l	96
31) Cyclohexane	7.881	56	50175	18.735	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	57191	21.683	ug/l	98
36) 1,1-Dichloropropene	8.016	75	49774	20.081	ug/l	96
37) Ethyl Acetate	7.169	43	16885	17.470	ug/l #	94
38) Carbon Tetrachloride	7.993	117	51828	20.974	ug/l	95
39) Methylcyclohexane	9.275	83	56235	19.137	ug/l	99
40) Benzene	8.252	78	144902	20.597	ug/l	100

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	9834	20.019	ug/l #	89
42) 1,2-Dichloroethane	8.328	62	38674	21.208	ug/l	97
43) Isopropyl Acetate	8.363	43	31978	18.613	ug/l	94
44) Trichloroethene	9.034	130	36882	20.117	ug/l	90
45) 1,2-Dichloropropane	9.304	63	36877	21.563	ug/l	94
46) Dibromomethane	9.399	93	18759	20.731	ug/l	93
47) Bromodichloromethane	9.587	83	49388	21.533	ug/l	87
48) Methyl methacrylate	9.381	41	18596	19.041	ug/l	81
49) 1,4-Dioxane	9.387	88	3760	418.461	ug/l #	74
51) 4-Methyl-2-Pentanone	10.157	43	84851	96.769	ug/l	91
52) Toluene	10.334	92	91657	21.003	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	45797	20.793	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	54837	20.593	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	27472	22.195	ug/l	97
56) Ethyl methacrylate	10.599	69	22147	20.298	ug/l #	86
57) 1,3-Dichloropropane	10.881	76	45740	21.439	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	43970	70.664	ug/l	93
59) 2-Hexanone	10.922	43	72469	99.618	ug/l	91
60) Dibromochloromethane	11.075	129	33937	22.773	ug/l	96
61) 1,2-Dibromoethane	11.181	107	25717	22.072	ug/l	98
64) Tetrachloroethene	10.816	164	29921	20.445	ug/l	90
65) Chlorobenzene	11.610	112	97542	19.653	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	35057	21.172	ug/l	99
67) Ethyl Benzene	11.687	91	173344	20.910	ug/l	94
68) m/p-Xylenes	11.793	106	135073	42.597	ug/l	94
69) o-Xylene	12.122	106	62707	21.457	ug/l	95
70) Styrene	12.140	104	94008	21.634	ug/l	94
71) Bromoform	12.298	173	19259	22.260	ug/l #	99
73) Isopropylbenzene	12.422	105	165239	20.552	ug/l	96
74) N-amyl acetate	12.234	43	29530	18.685	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	30785	21.960	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	36324	39.426	ug/l #	100
77) Bromobenzene	12.704	156	39191	20.724	ug/l	93
78) n-propylbenzene	12.763	91	203401	20.761	ug/l	97
79) 2-Chlorotoluene	12.851	91	110700	21.084	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	141901	21.161	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.475	75	9724	21.384	ug/l	97
82) 4-Chlorotoluene	12.951	91	116359	21.199	ug/l	96
83) tert-Butylbenzene	13.169	119	120465	21.279	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	139426	20.788	ug/l	98
85) sec-Butylbenzene	13.345	105	184590	22.059	ug/l	96
86) p-Isopropyltoluene	13.463	119	155384	20.740	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	81938	21.187	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	83852	20.785	ug/l	98
89) n-Butylbenzene	13.787	91	146260	20.747	ug/l	99
90) Hexachloroethane	14.057	117	31401	22.790	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	70858	21.543	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4267	20.432	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	42410	18.877	ug/l	99
94) Hexachlorobutadiene	15.204	225	24655	20.351	ug/l	99
95) Naphthalene	15.334	128	72327	19.376	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	37056	20.007	ug/l	99

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Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Dec 20 02:02:50 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

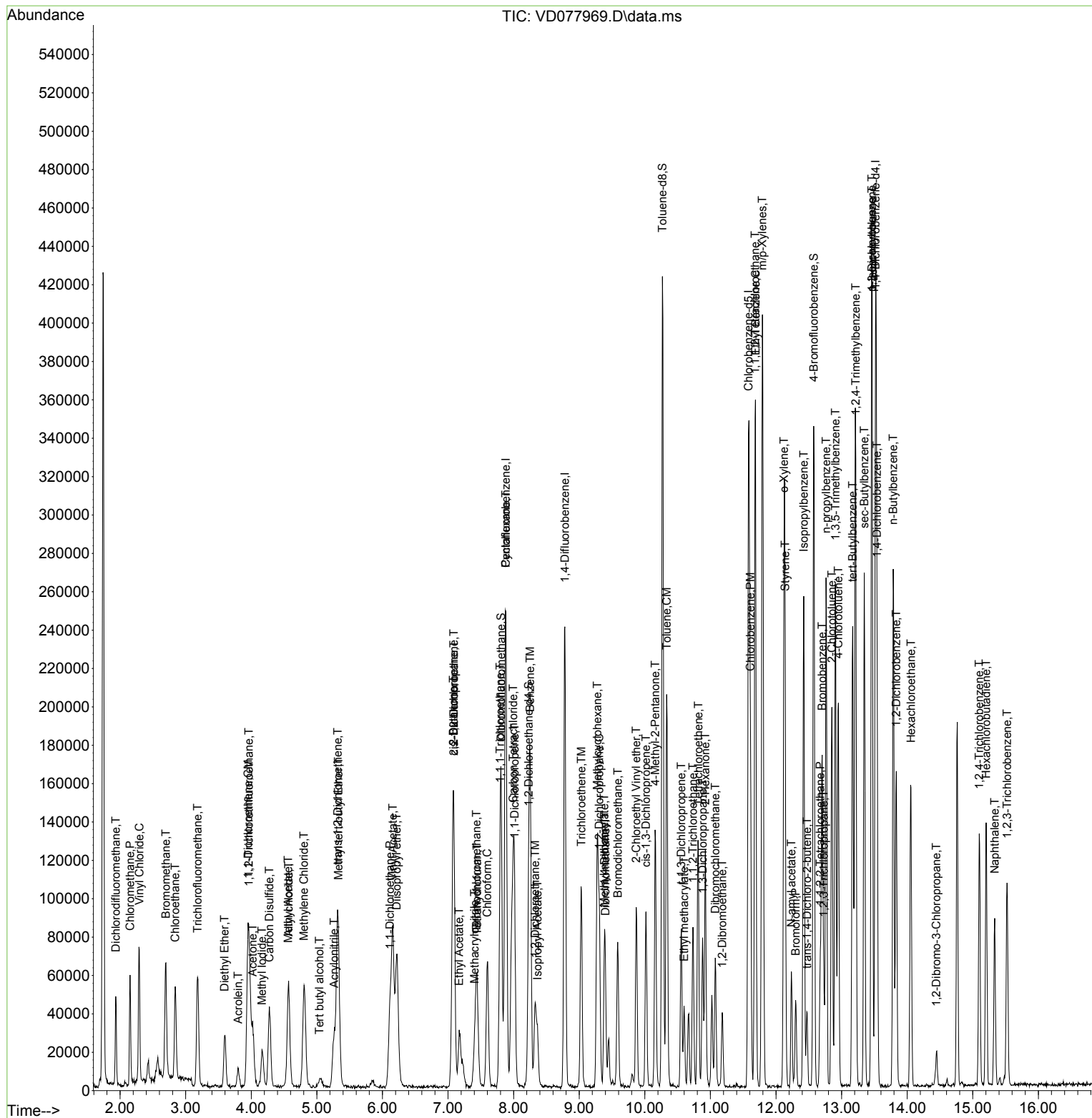
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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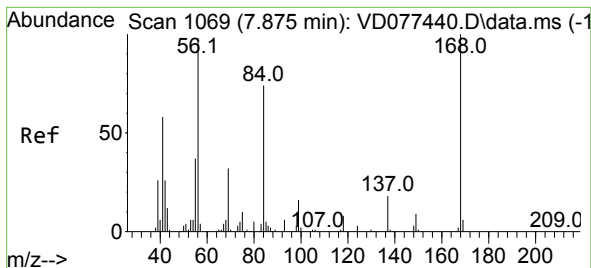
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VD077969.D
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 Sample : VD1219SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
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Instrument :
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Quant Time: Dec 20 02:02:50 2023
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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: VD077969.D

Acq: 19 Dec 2023 12:54

Instrument :

MSVOA_D

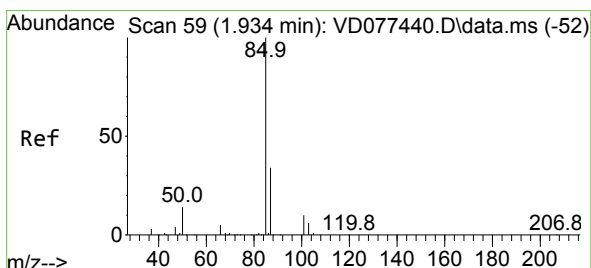
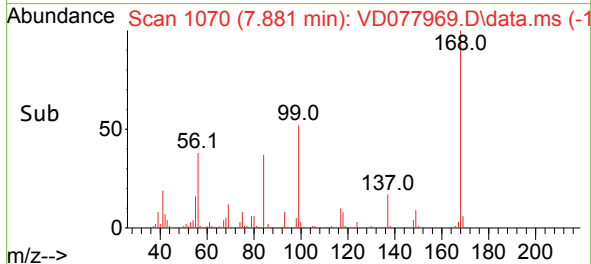
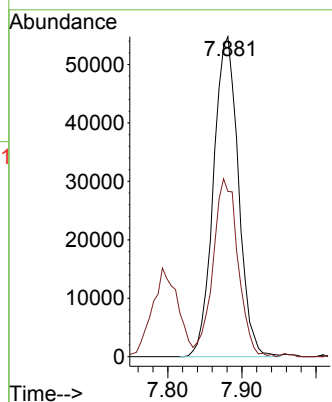
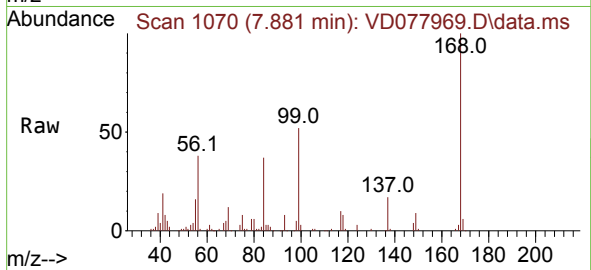
ClientSampleId :

Tgt Ion:168 Resp: 127779

Ion Ratio Lower Upper

168 100

99 51.3 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 21.111 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077969.D

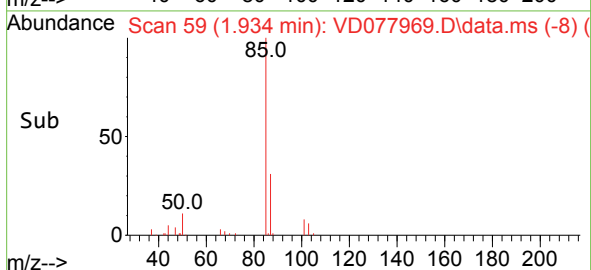
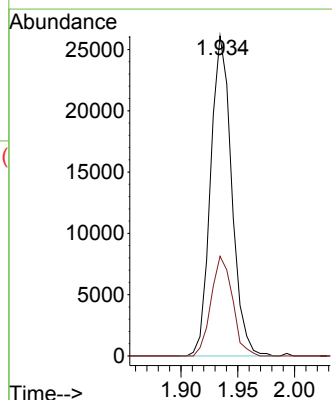
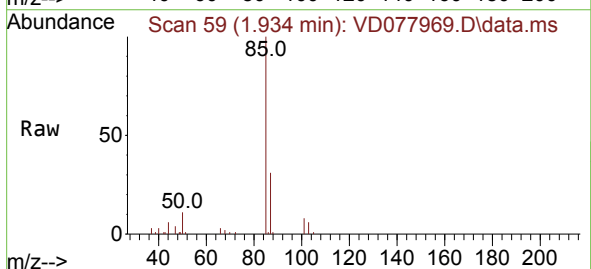
Acq: 19 Dec 2023 12:54

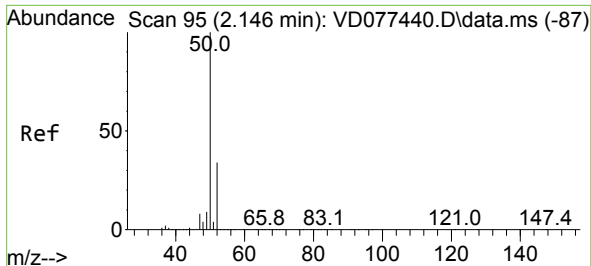
Tgt Ion: 85 Resp: 33697

Ion Ratio Lower Upper

85 100

87 31.1 15.7 47.0

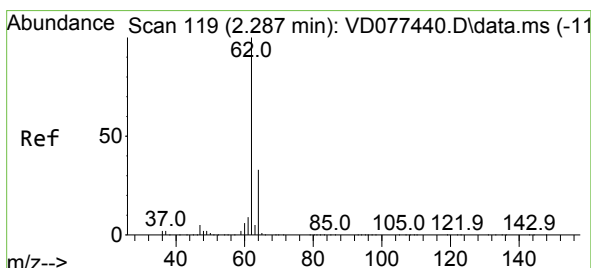
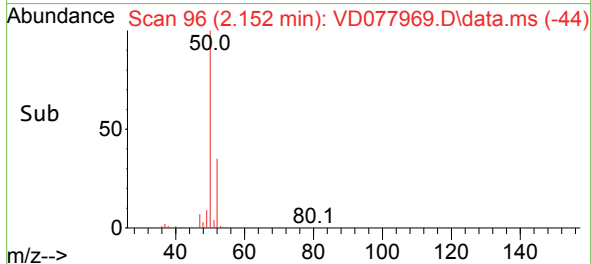
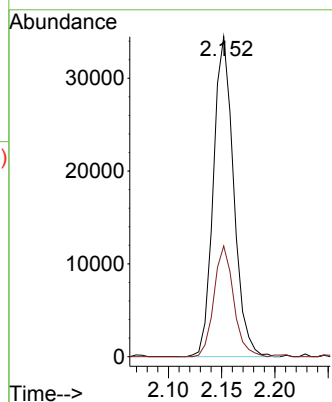
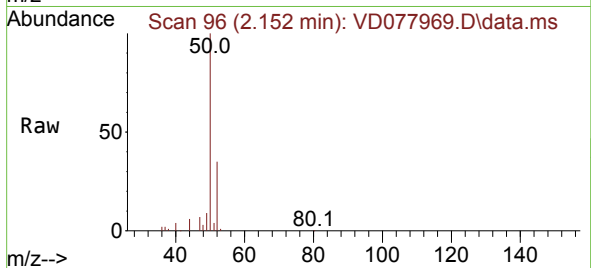




#3
Chloromethane
Concen: 20.957 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

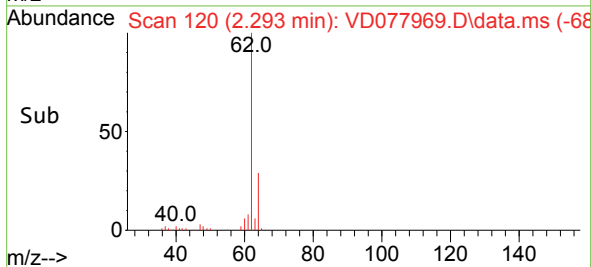
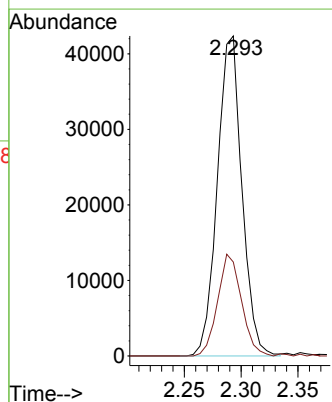
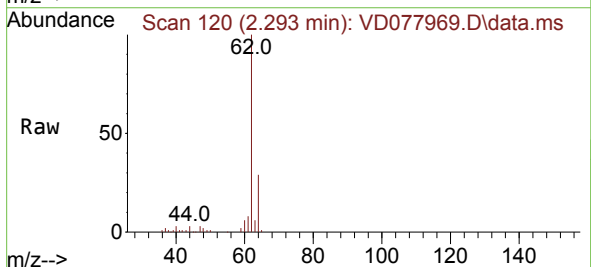
Instrument :
MSVOA_D
ClientSampleId :

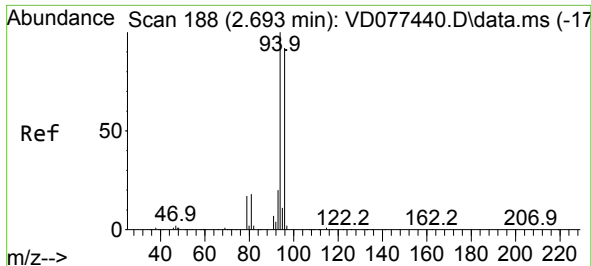
Tgt Ion: 50 Resp: 45595
Ion Ratio Lower Upper
50 100
52 34.6 26.6 40.0



#4
Vinyl Chloride
Concen: 21.590 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Tgt Ion: 62 Resp: 63769
Ion Ratio Lower Upper
62 100
64 29.3 26.0 39.0

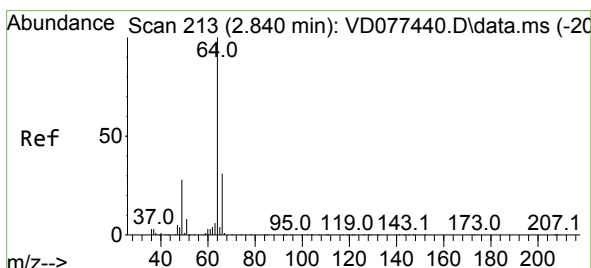
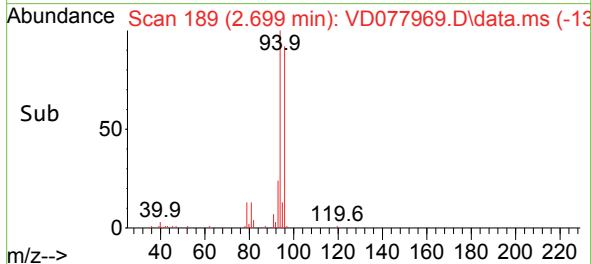
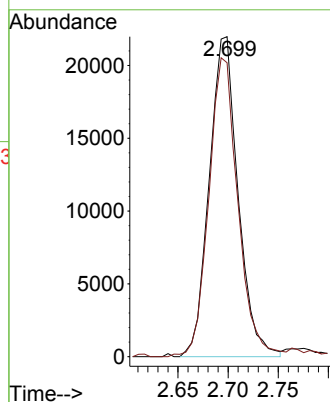
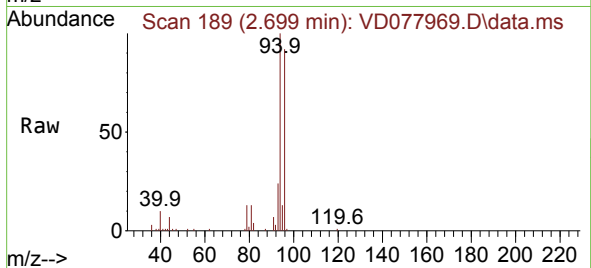




#5
Bromomethane
Concen: 26.519 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

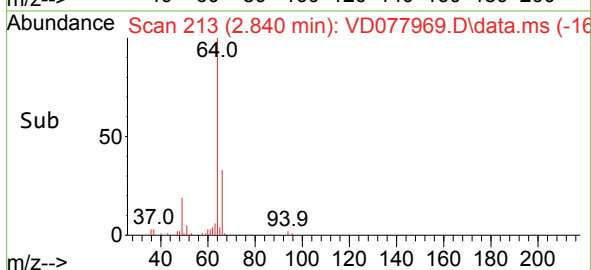
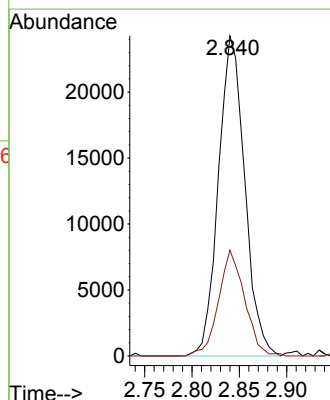
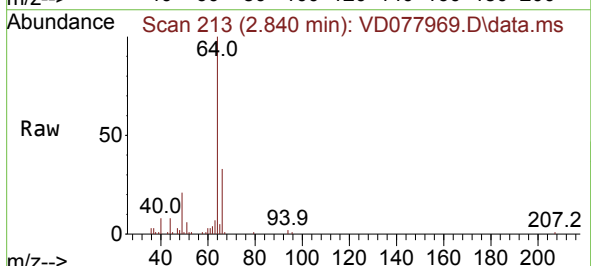
Instrument :
MSVOA_D
ClientSampleId :

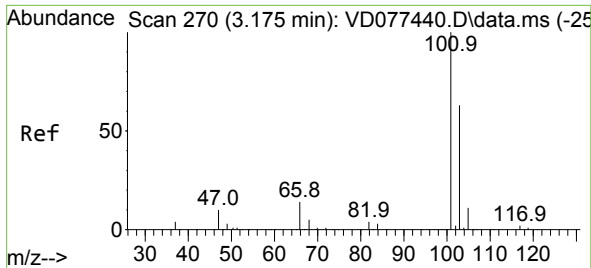
Tgt Ion: 94 Resp: 43951
Ion Ratio Lower Upper
94 100
96 94.1 75.8 113.8



#6
Chloroethane
Concen: 23.289 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Tgt Ion: 64 Resp: 46896
Ion Ratio Lower Upper
64 100
66 33.0 25.5 38.3

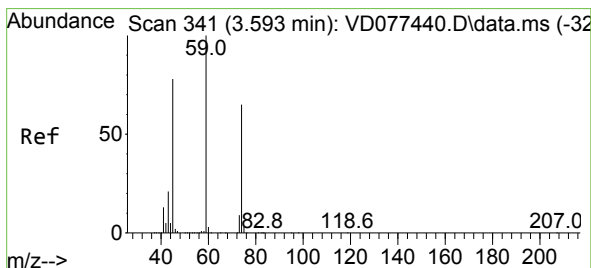
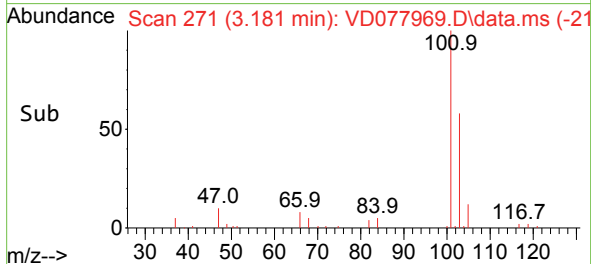
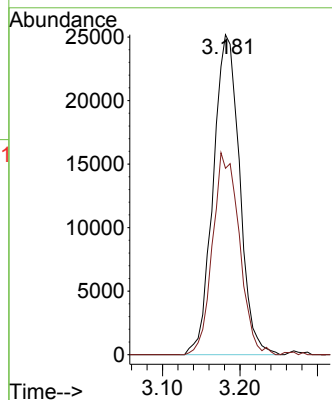
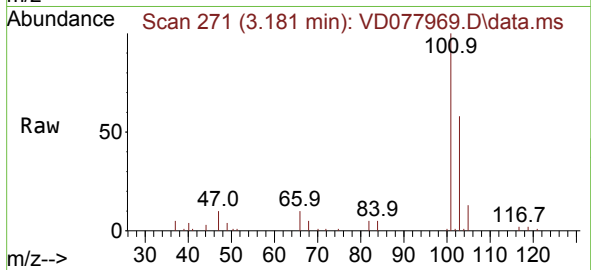




#7
Trichlorofluoromethane
Concen: 21.871 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

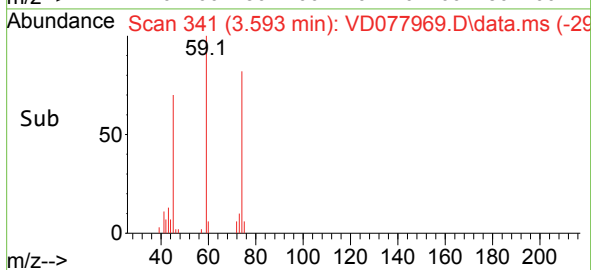
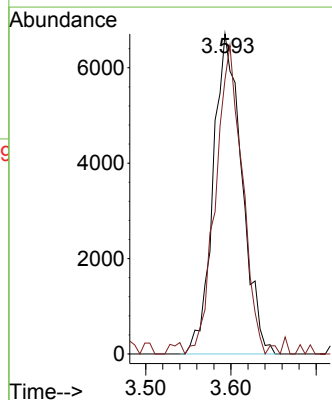
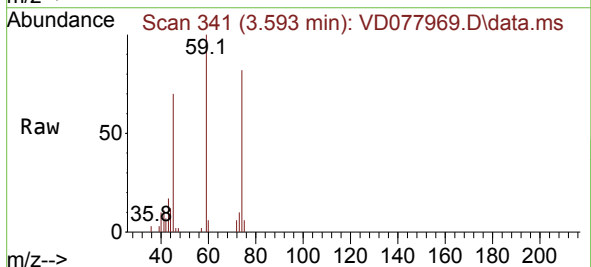
Instrument :
MSVOA_D
ClientSampleId :

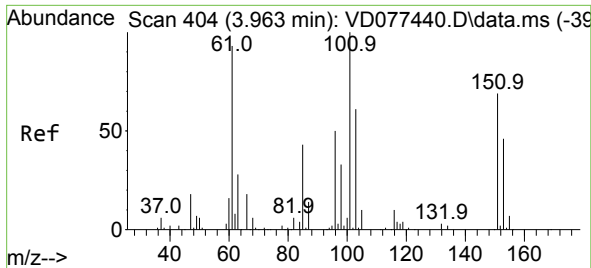
Tgt Ion:101 Resp: 59495
Ion Ratio Lower Upper
101 100
103 58.3 52.3 78.5



#8
Diethyl Ether
Concen: 20.596 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Tgt Ion: 74 Resp: 15732
Ion Ratio Lower Upper
74 100
45 89.9 37.5 112.7

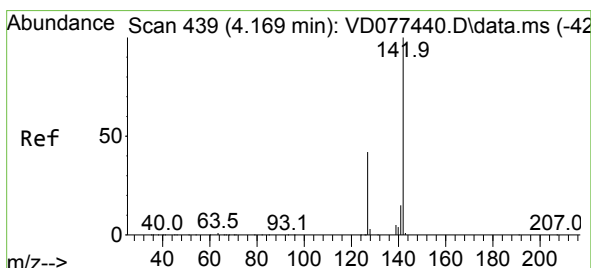
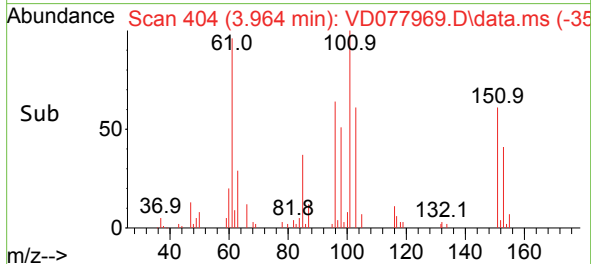
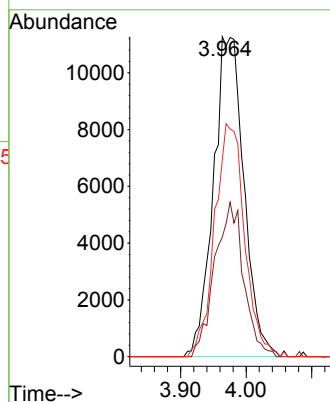
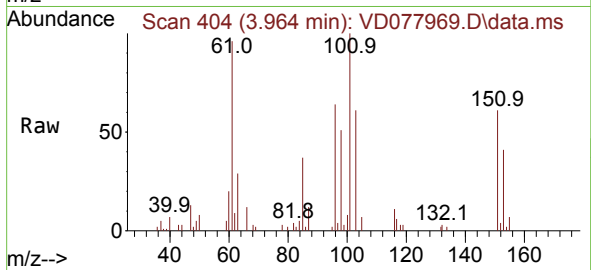




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.461 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.001 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

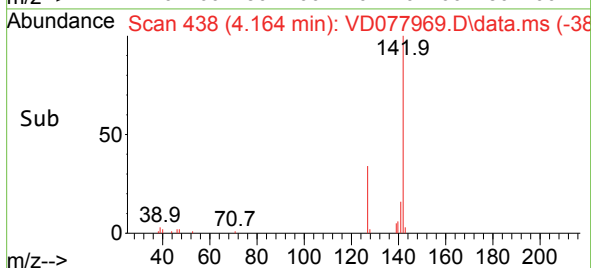
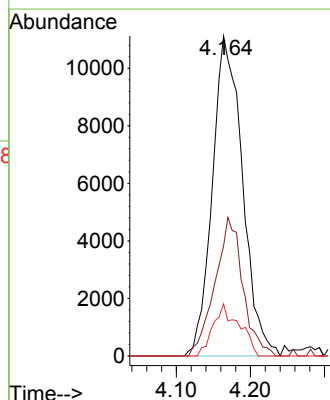
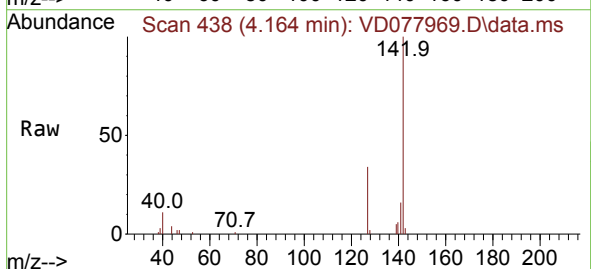
Instrument :
MSVOA_D
ClientSampleId :

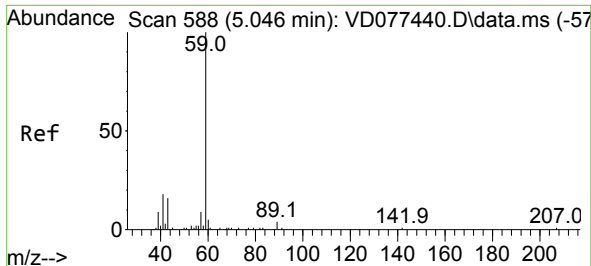
Tgt Ion:	101	Resp:	36511
Ion	Ratio	Lower	Upper
101	100		
85	45.5	33.8	50.6
151	71.3	59.8	89.6



#10
Methyl Iodide
Concen: 26.594 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Tgt Ion:	142	Resp:	31297
Ion	Ratio	Lower	Upper
142	100		
127	40.2	29.4	44.0
141	14.1	11.1	16.7

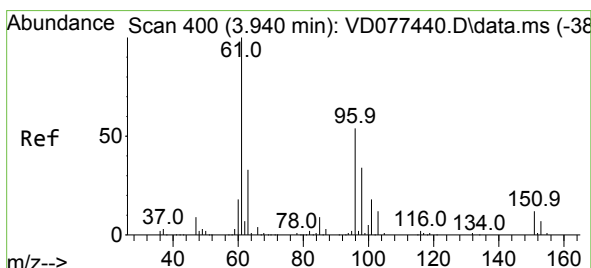
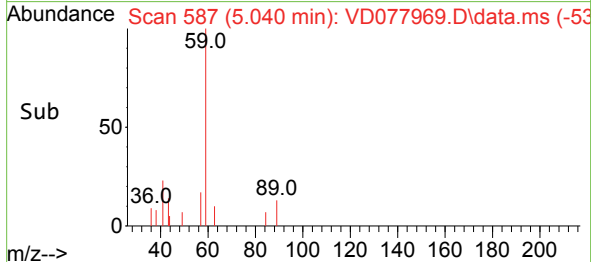
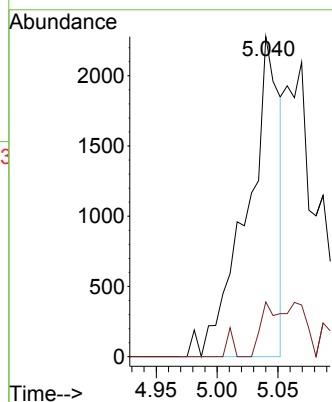
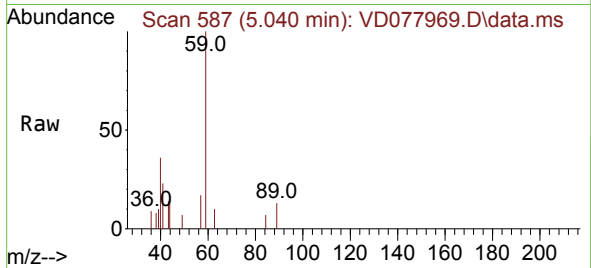




#11
Tert butyl alcohol
Concen: 49.736 ug/l
RT: 5.040 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

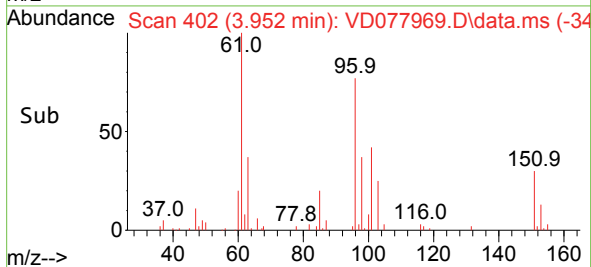
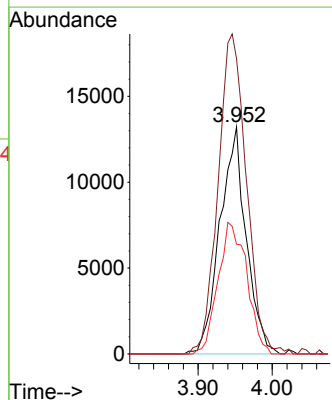
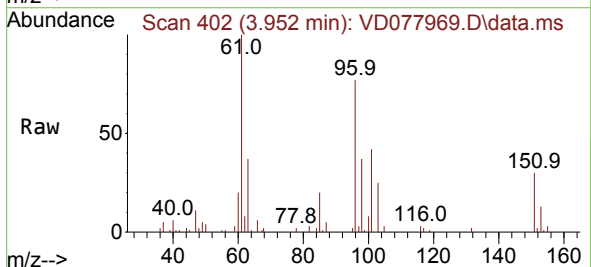
Instrument :
MSVOA_D
ClientSampleId :

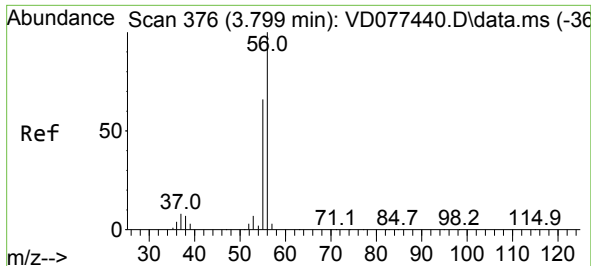
Tgt Ion: 59 Resp: 4261
Ion Ratio Lower Upper
59 100
57 9.6 7.8 11.8



#12
1,1-Dichloroethene
Concen: 21.179 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.012 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Tgt Ion: 96 Resp: 32530
Ion Ratio Lower Upper
96 100
61 130.1 100.6 150.8
98 48.4 50.2 75.2#





#13

Acrolein

Concen: 69.346 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

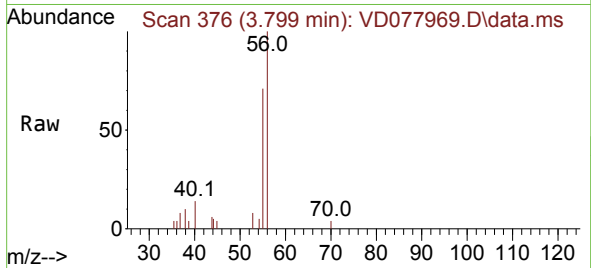
Lab File: VD077969.D

Acq: 19 Dec 2023 12:54

Instrument :

MSVOA_D

ClientSampleId :

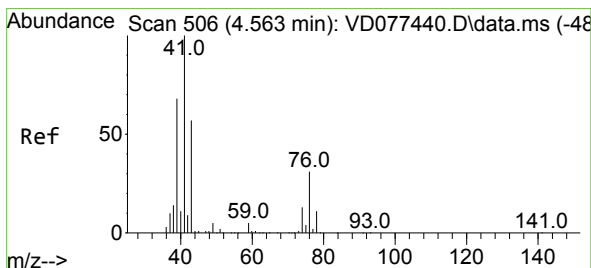
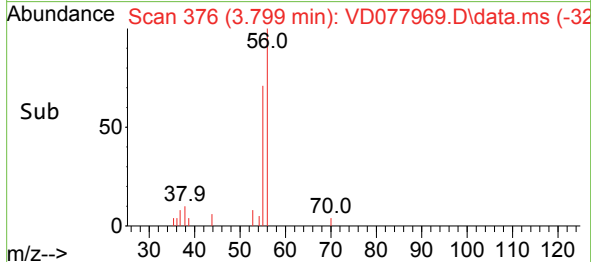
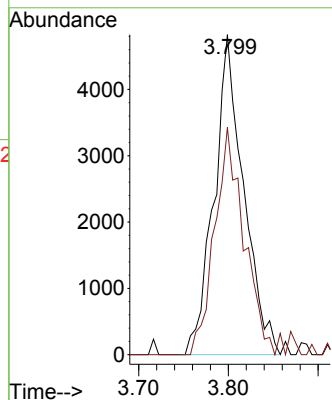


Tgt Ion: 56 Resp: 11045

Ion Ratio Lower Upper

56 100

55 70.4 55.1 82.7



#14

Allyl chloride

Concen: 19.113 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD077969.D

Acq: 19 Dec 2023 12:54

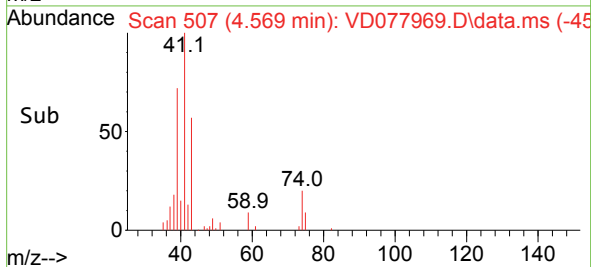
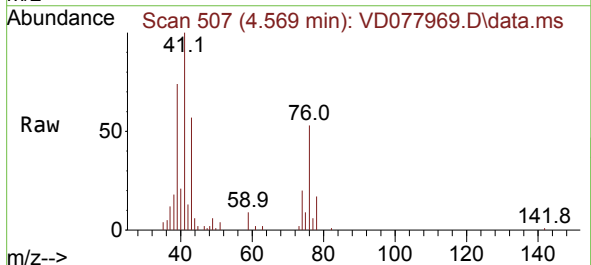
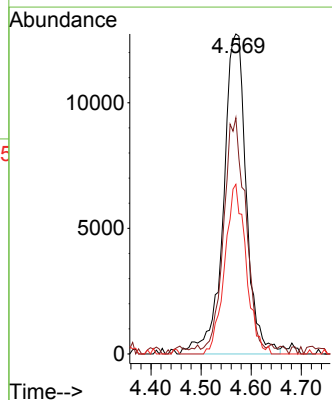
Tgt Ion: 41 Resp: 40376

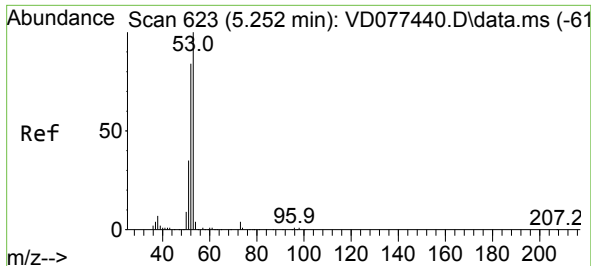
Ion Ratio Lower Upper

41 100

39 68.4 53.8 80.6

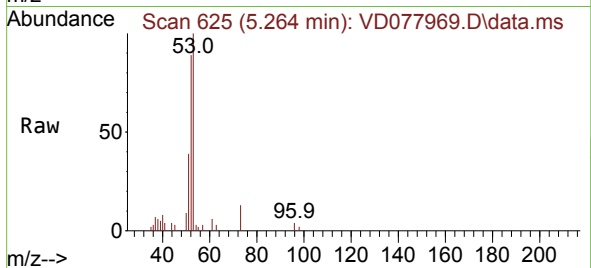
76 49.5 45.8 68.8



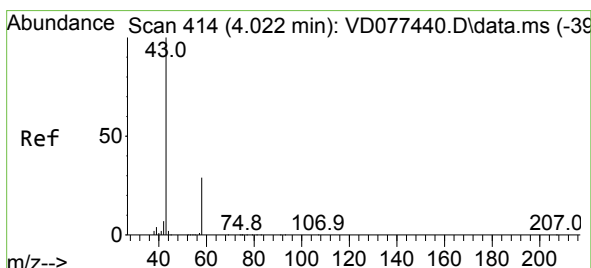
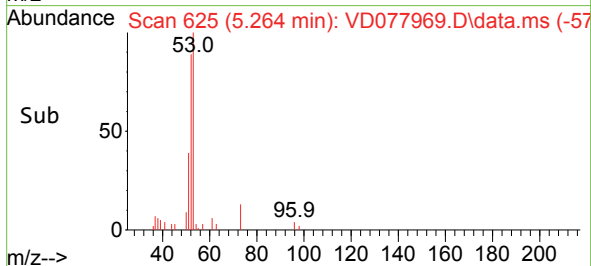
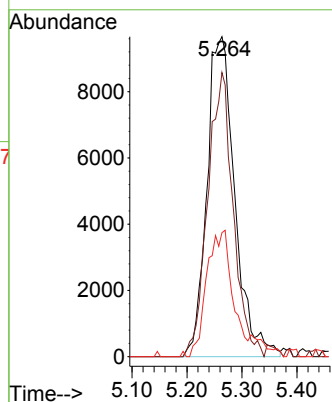


#15
Acrylonitrile
Concen: 104.256 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Instrument :
MSVOA_D
ClientSampleId :

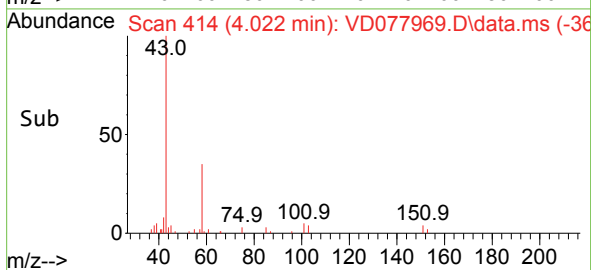
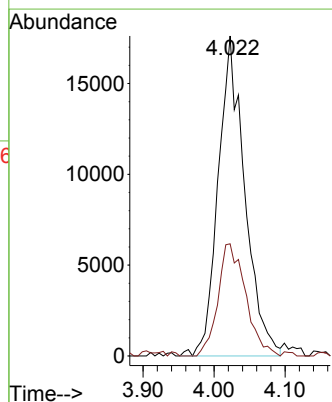
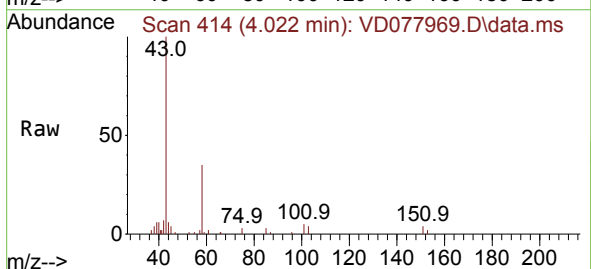


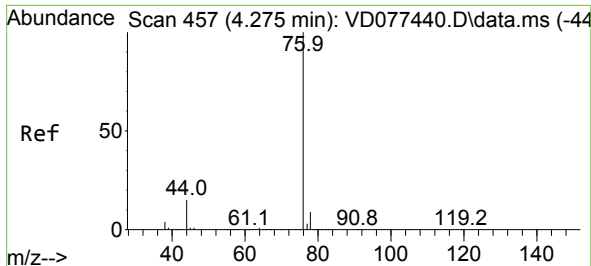
Tgt Ion: 53 Resp: 34097
Ion Ratio Lower Upper
53 100
52 80.9 65.0 97.4
51 36.2 28.3 42.5



#16
Acetone
Concen: 124.842 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Tgt Ion: 43 Resp: 45765
Ion Ratio Lower Upper
43 100
58 35.0 34.7 52.1

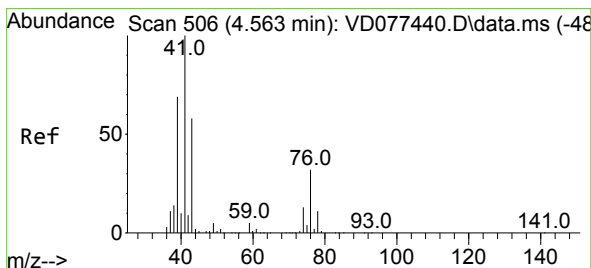
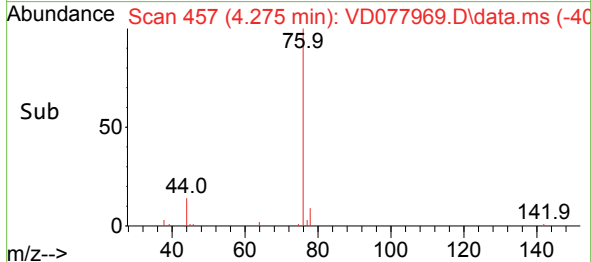
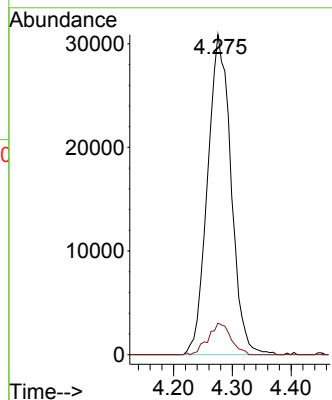
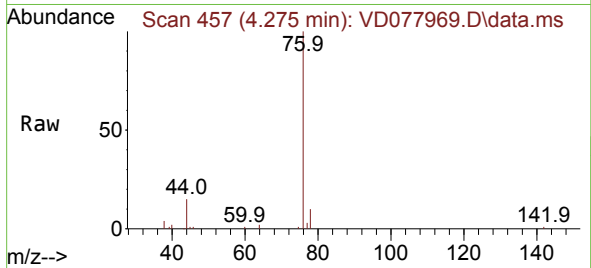




#17
Carbon Disulfide
Concen: 16.479 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

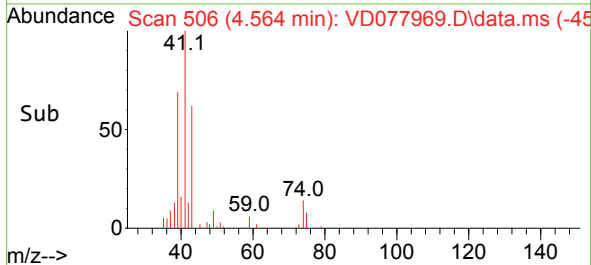
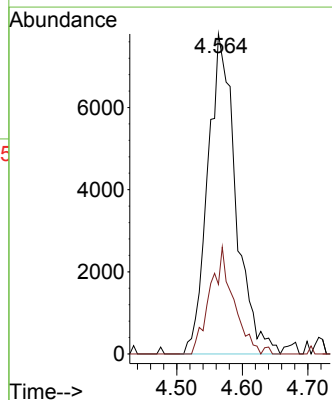
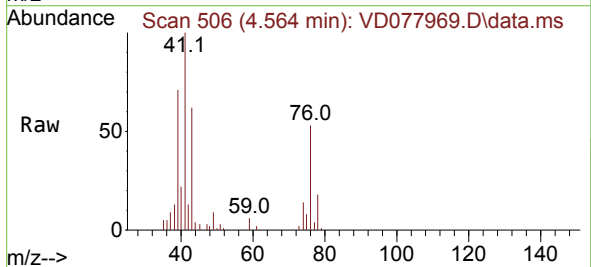
Instrument :
MSVOA_D
ClientSampleId :

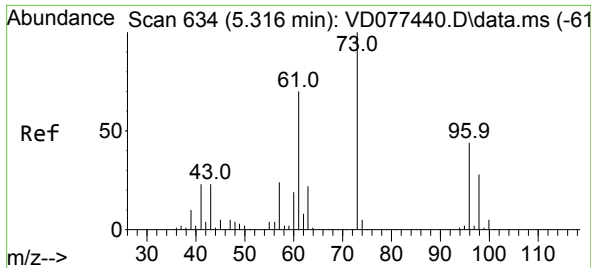
Tgt Ion: 76 Resp: 85629
Ion Ratio Lower Upper
76 100
78 9.8 6.8 10.2



#18
Methyl Acetate
Concen: 19.463 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Tgt Ion: 43 Resp: 23080
Ion Ratio Lower Upper
43 100
74 28.0 26.4 39.6

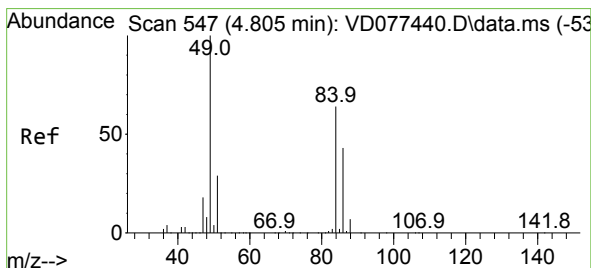
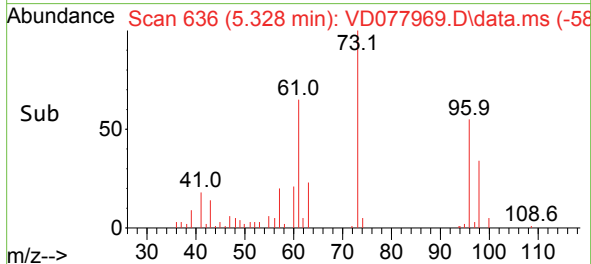
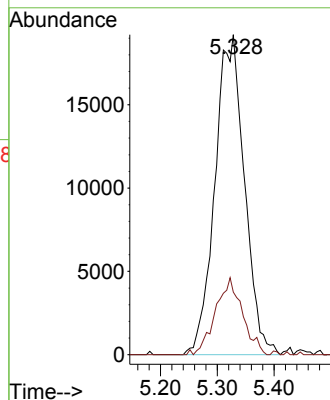
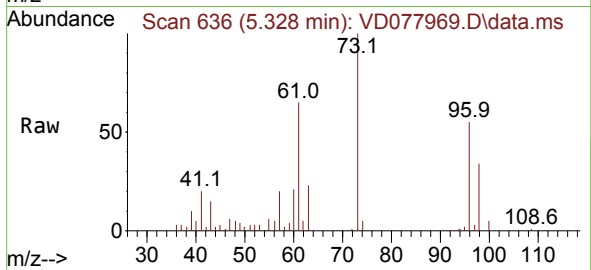




#19
Methyl tert-butyl Ether
Concen: 21.217 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

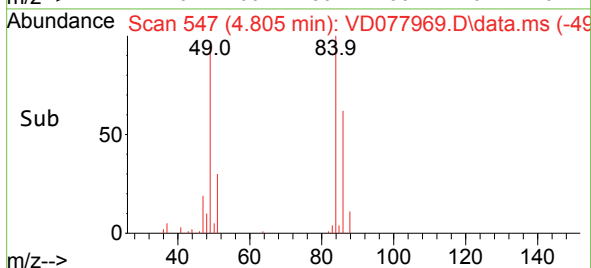
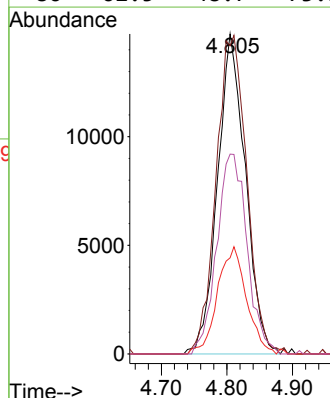
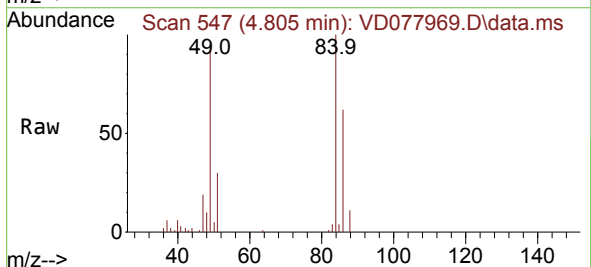
Instrument :
MSVOA_D
ClientSampleId :

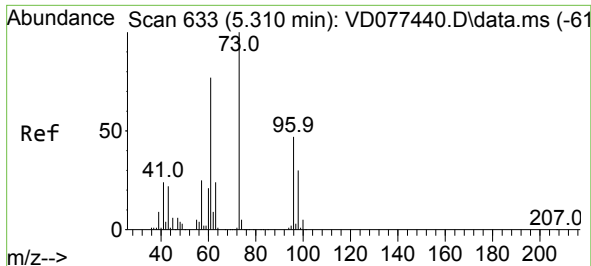
Tgt Ion: 73 Resp: 69140
Ion Ratio Lower Upper
73 100
57 19.5 16.6 25.0



#20
Methylene Chloride
Concen: 21.657 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

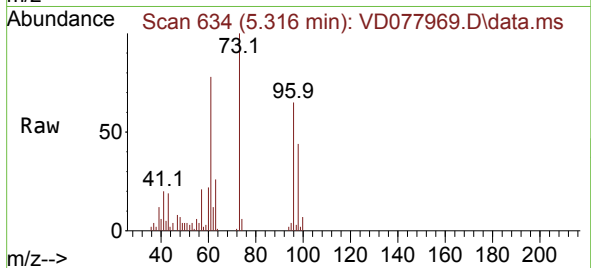
Tgt Ion: 84 Resp: 43514
Ion Ratio Lower Upper
84 100
49 96.3 71.4 107.2
51 30.0 24.5 36.7
86 62.5 48.7 73.1



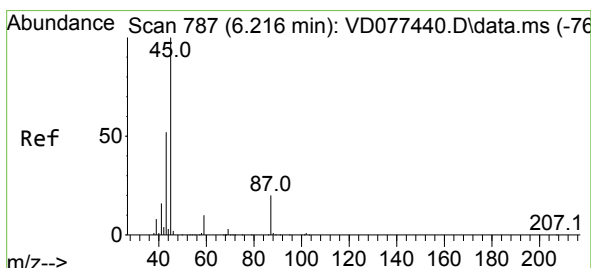
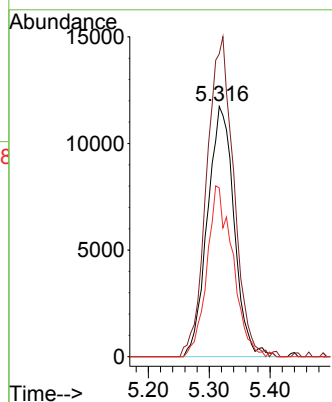
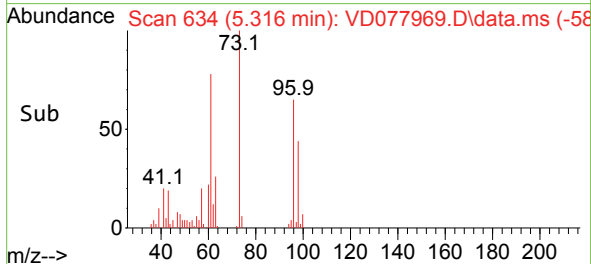


#21
trans-1,2-Dichloroethene
Concen: 20.503 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Instrument :
MSVOA_D
ClientSampleId :

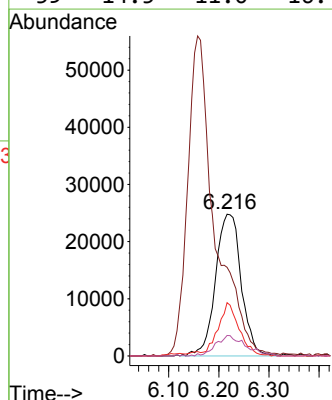
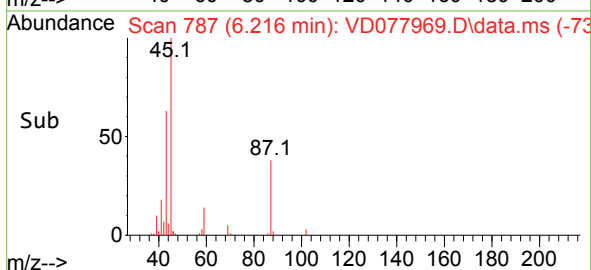
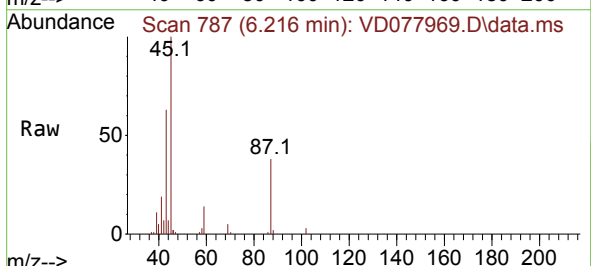


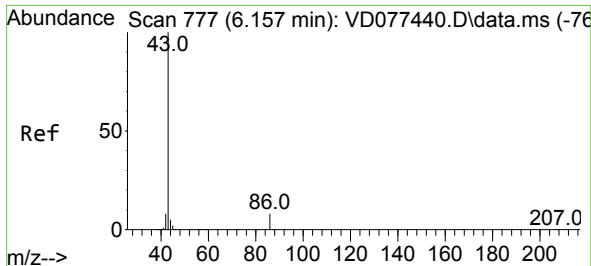
Tgt Ion: 96 Resp: 35669
Ion Ratio Lower Upper
96 100
61 120.9 89.3 133.9
98 67.4 48.6 73.0



#22
Diisopropyl ether
Concen: 20.019 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Tgt Ion: 45 Resp: 88372
Ion Ratio Lower Upper
45 100
43 61.5 40.0 60.0#
87 37.6 28.2 42.4
59 14.5 11.0 16.4

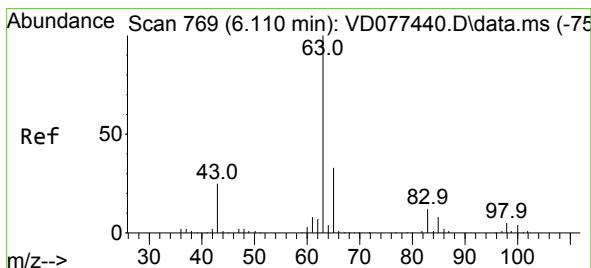
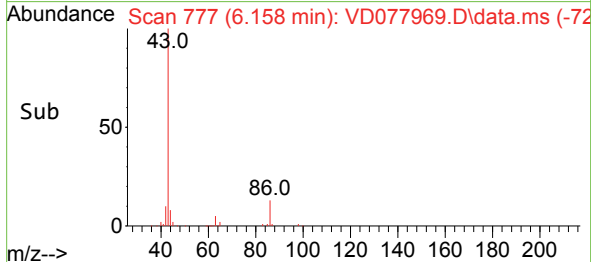
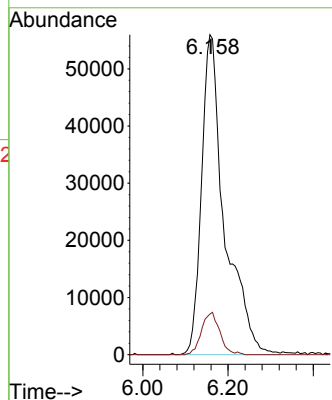
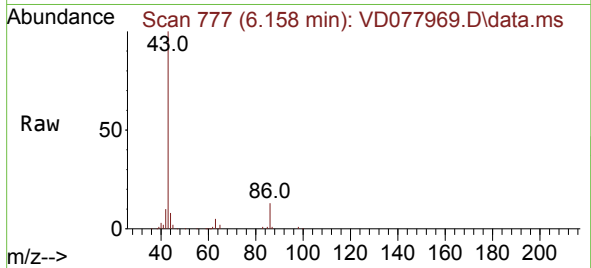




#23
 Vinyl Acetate
 Concen: 97.601 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD077969.D
 Acq: 19 Dec 2023 12:54

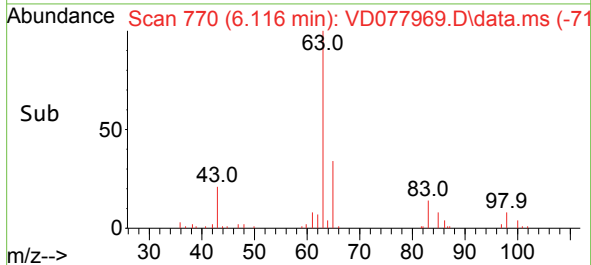
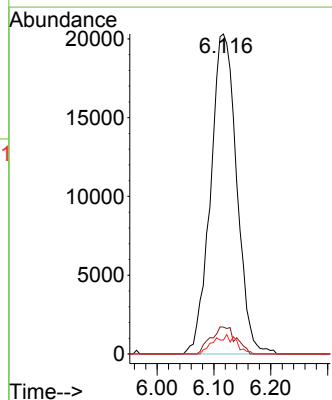
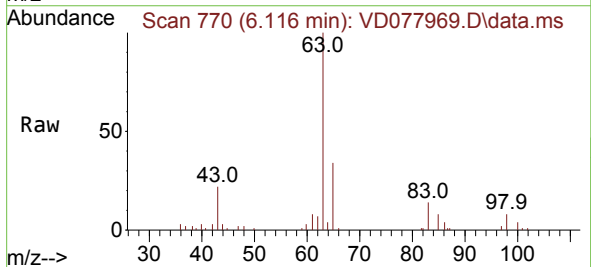
Instrument :
 MSVOA_D
 ClientSampleId :

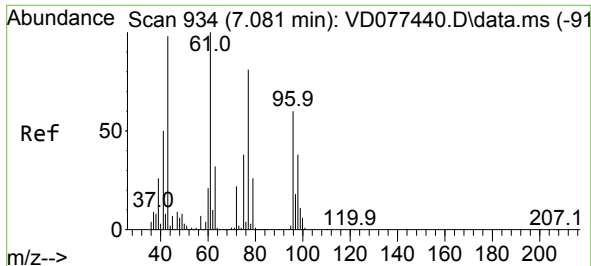
Tgt Ion: 43 Resp: 210403
 Ion Ratio Lower Upper
 43 100
 86 12.7 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 21.725 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077969.D
 Acq: 19 Dec 2023 12:54

Tgt Ion: 63 Resp: 64946
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.5 13.7
 100 4.4 2.5 7.5





#25

2-Butanone

Concen: 116.463 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD077969.D

Acq: 19 Dec 2023 12:54

Instrument :

MSVOA_D

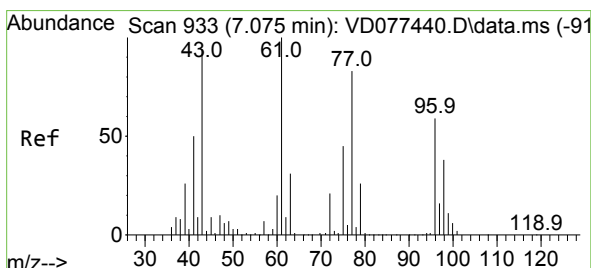
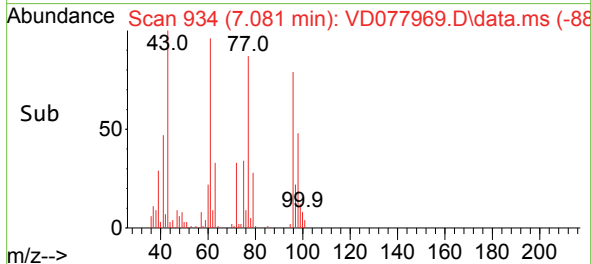
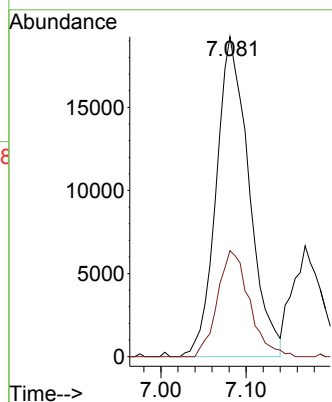
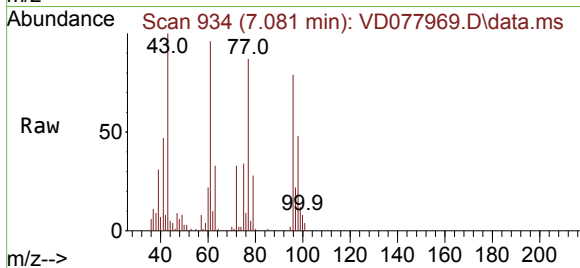
ClientSampleId :

Tgt Ion: 43 Resp: 51523

Ion Ratio Lower Upper

43 100

72 33.2 30.7 46.1



#26

2,2-Dichloropropane

Concen: 21.921 ug/l

RT: 7.087 min Scan# 935

Delta R.T. 0.012 min

Lab File: VD077969.D

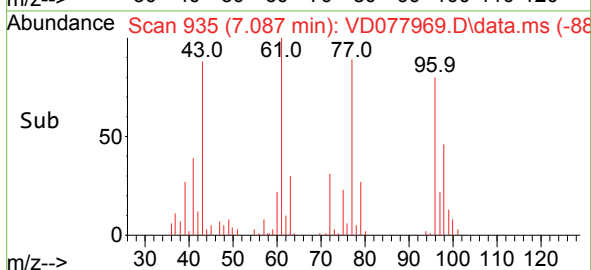
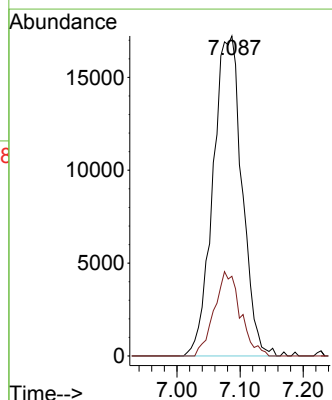
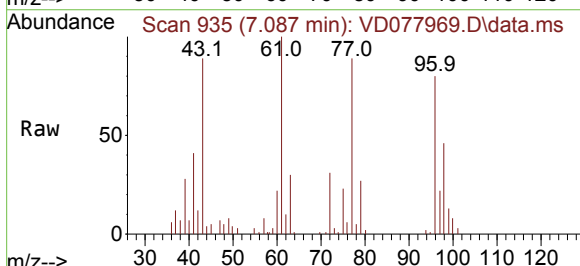
Acq: 19 Dec 2023 12:54

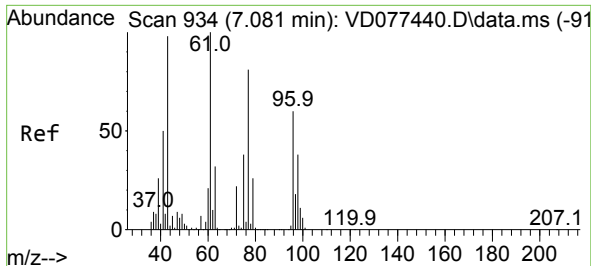
Tgt Ion: 77 Resp: 55020

Ion Ratio Lower Upper

77 100

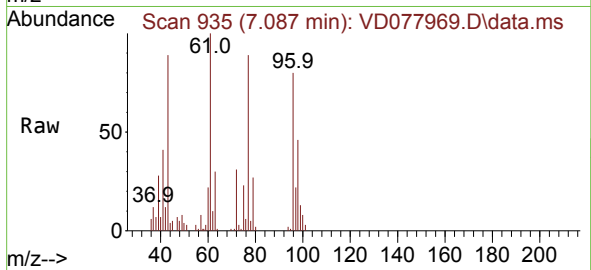
97 23.8 13.2 39.6





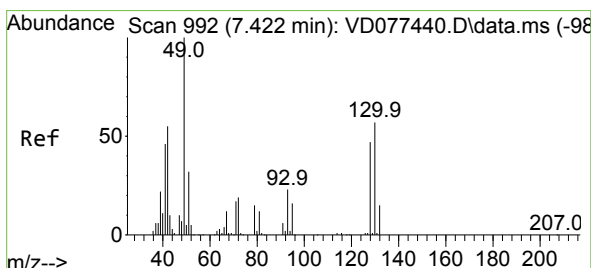
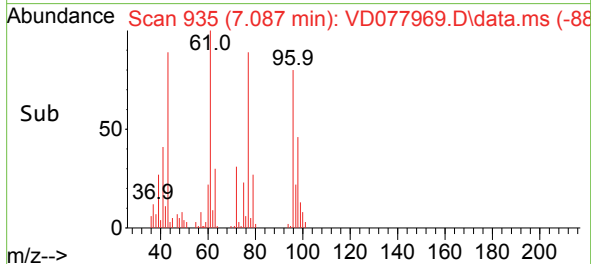
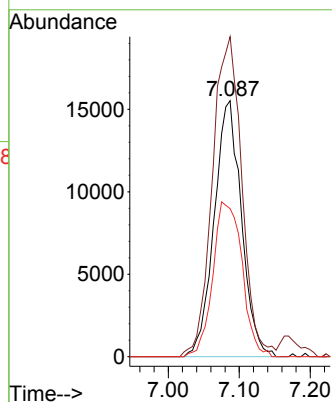
#27
 cis-1,2-Dichloroethene
 Concen: 22.085 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD077969.D
 Acq: 19 Dec 2023 12:54

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 41342

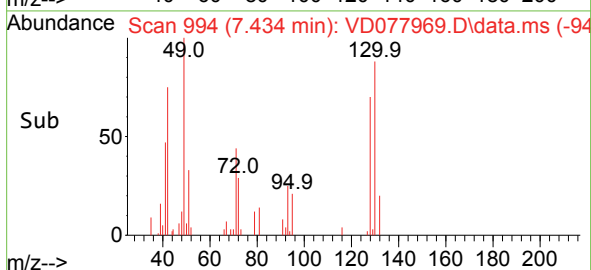
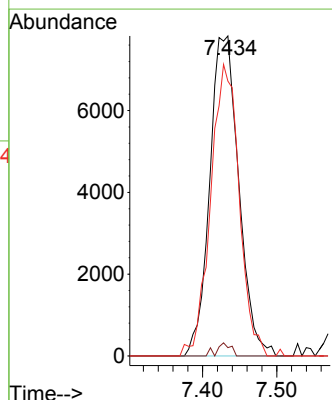
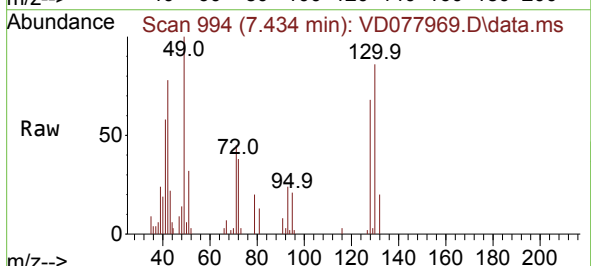
Ion	Ratio	Lower	Upper
96	100		
61	134.9	0.0	239.2
98	64.7	0.0	128.6

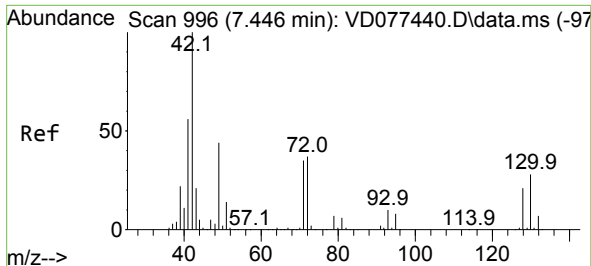


#28
 Bromochloromethane
 Concen: 17.696 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.012 min
 Lab File: VD077969.D
 Acq: 19 Dec 2023 12:54

Tgt Ion: 49 Resp: 21377

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	6.0
130	89.1	83.2	124.8





#29

Tetrahydrofuran

Concen: 93.424 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

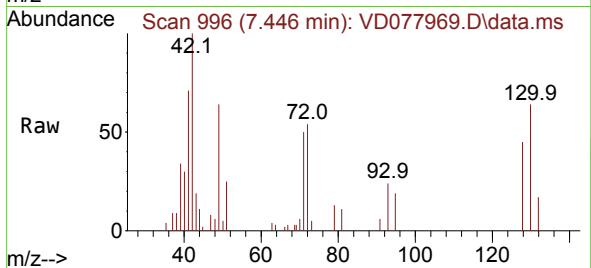
Lab File: VD077969.D

Acq: 19 Dec 2023 12:54

Instrument :

MSVOA_D

ClientSampleId :



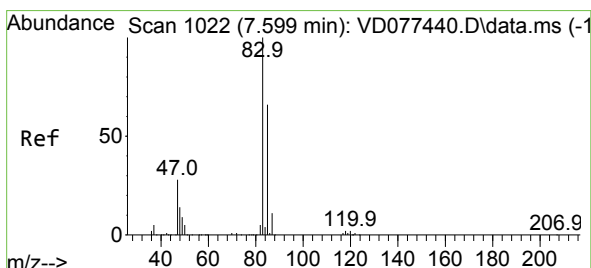
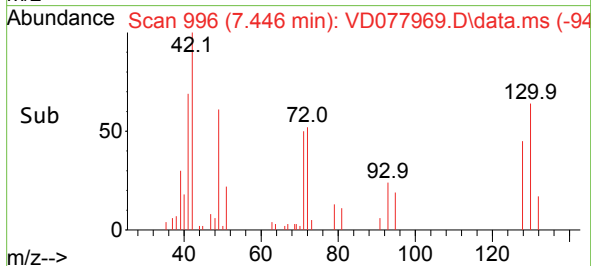
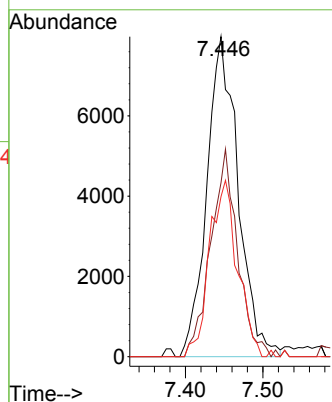
Tgt Ion: 42 Resp: 22400

Ion Ratio Lower Upper

42 100

72 55.6 46.5 69.7

71 49.5 44.5 66.7



#30

Chloroform

Concen: 22.152 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD077969.D

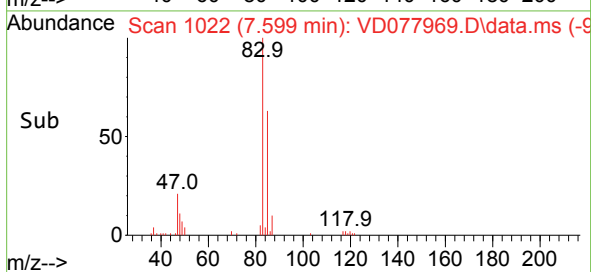
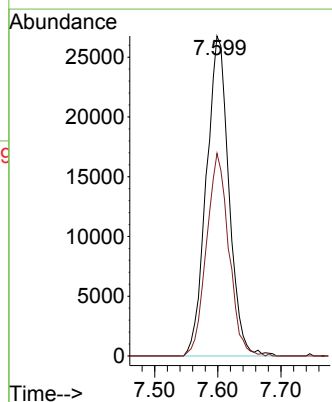
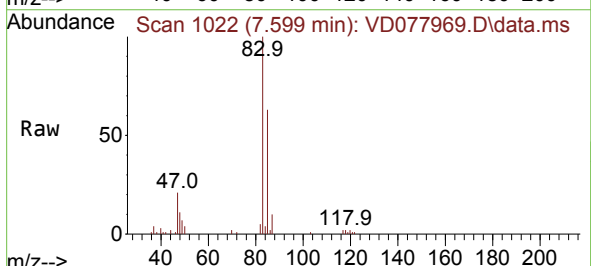
Acq: 19 Dec 2023 12:54

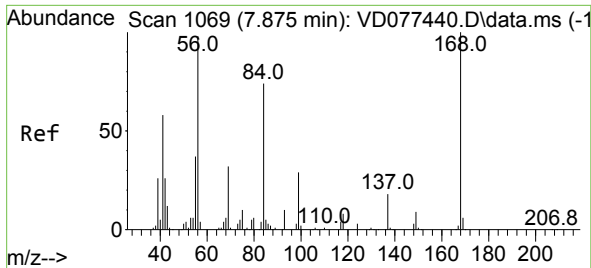
Tgt Ion: 83 Resp: 66277

Ion Ratio Lower Upper

83 100

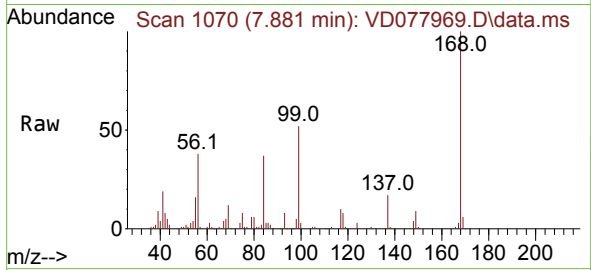
85 63.3 53.4 80.2



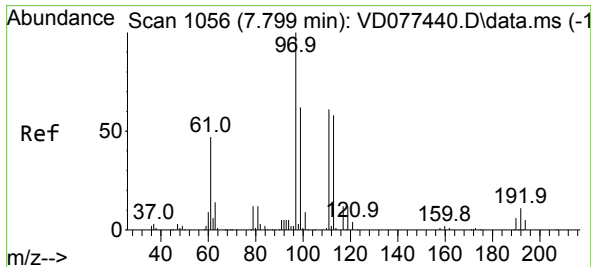
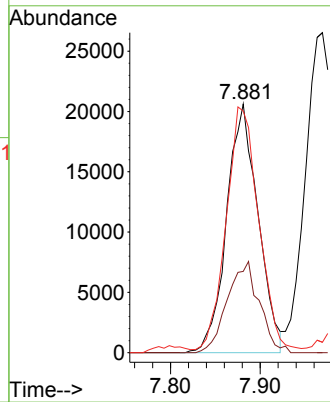
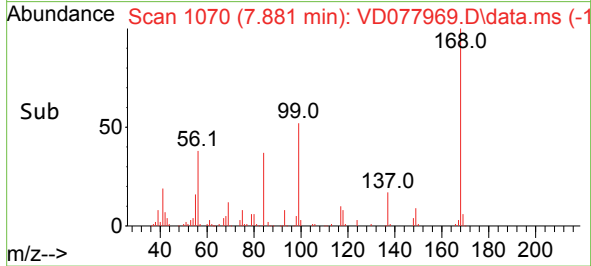


#31
Cyclohexane
Concen: 18.735 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Instrument :
MSVOA_D
ClientSampleId :

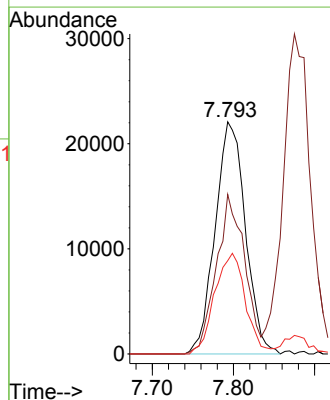
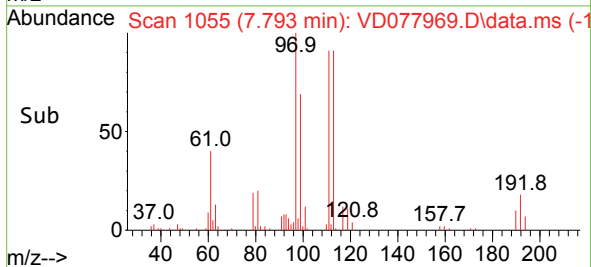
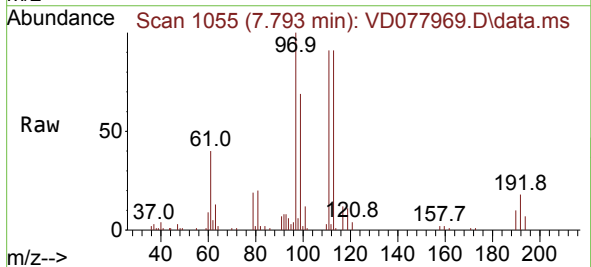


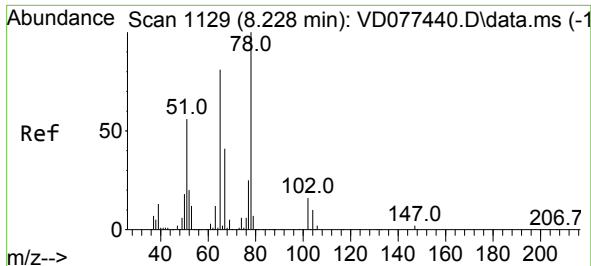
Tgt Ion: 56 Resp: 50175
Ion Ratio Lower Upper
56 100
69 31.9 28.6 43.0
84 94.8 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 21.683 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Tgt Ion: 97 Resp: 57191
Ion Ratio Lower Upper
97 100
99 64.4 52.0 78.0
61 44.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 46.911 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077969.D

Acq: 19 Dec 2023 12:54

Instrument :

MSVOA_D

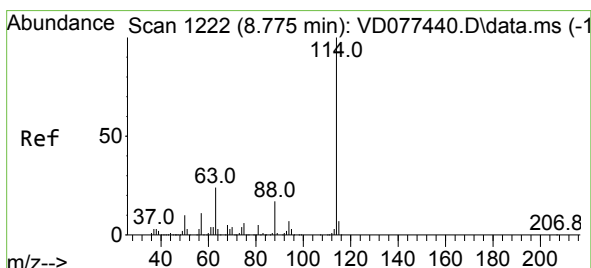
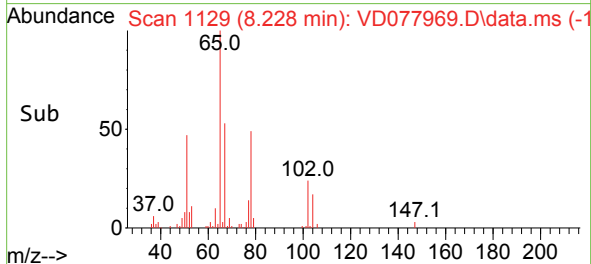
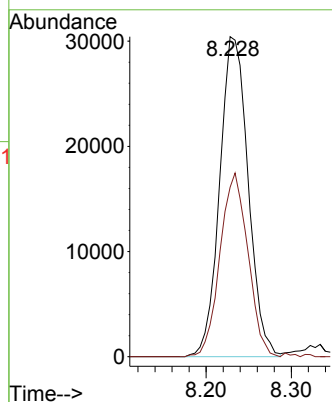
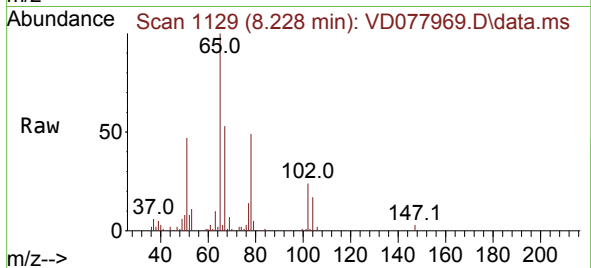
ClientSampleId :

Tgt Ion: 65 Resp: 70634

Ion Ratio Lower Upper

65 100

67 56.2 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: VD077969.D

Acq: 19 Dec 2023 12:54

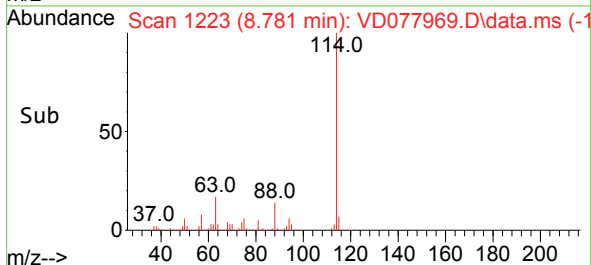
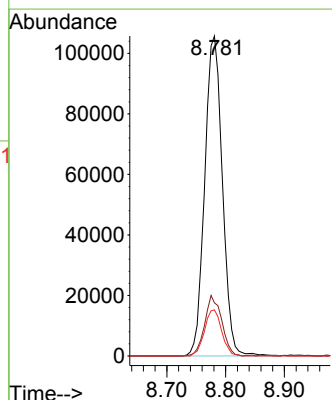
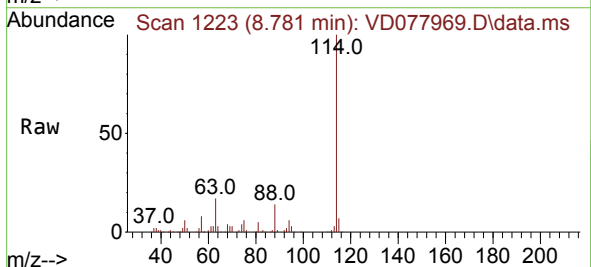
Tgt Ion: 114 Resp: 221227

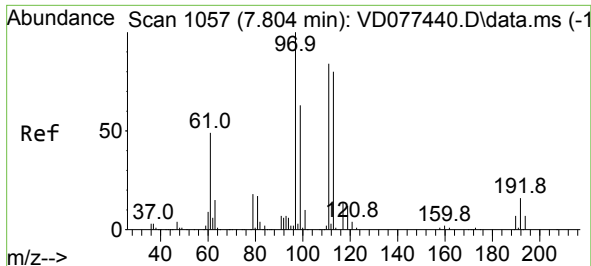
Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.4

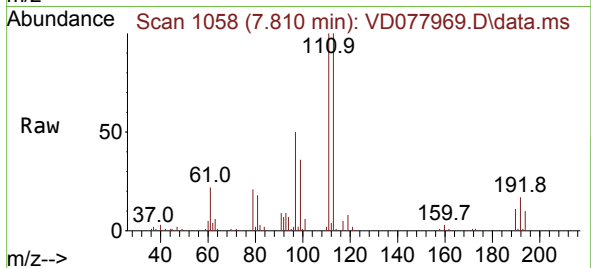
88 14.4 0.0 26.2



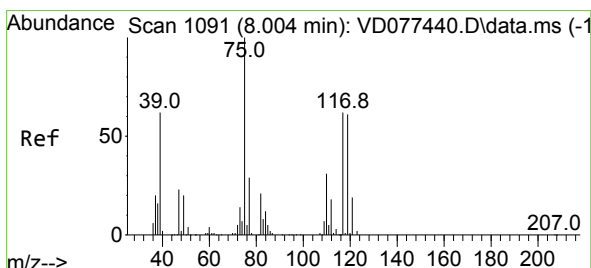
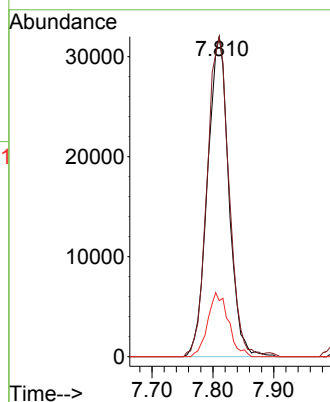
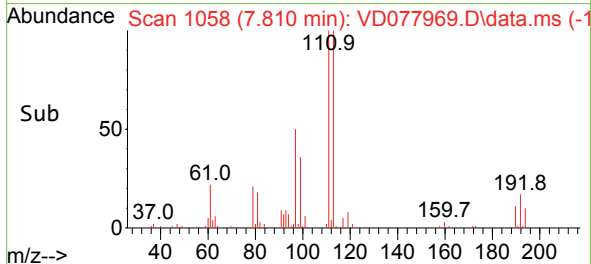


#35
Dibromofluoromethane
Concen: 50.178 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Instrument :
MSVOA_D
ClientSampleId :

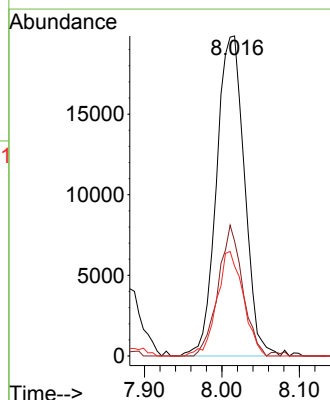
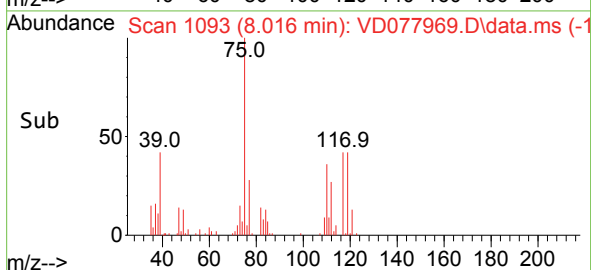
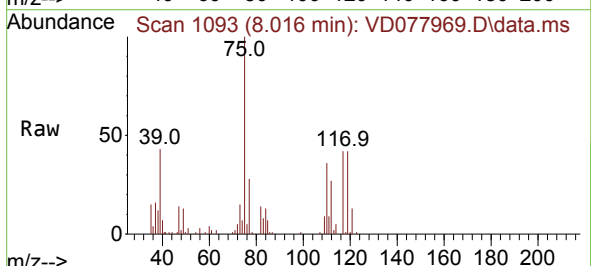


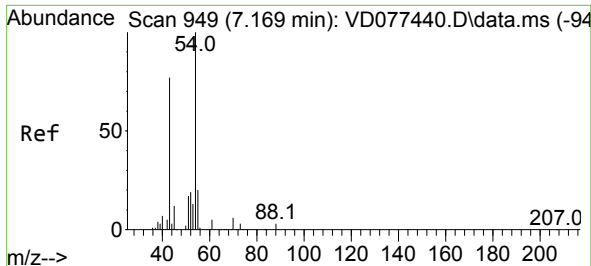
Tgt Ion:113 Resp: 77756
Ion Ratio Lower Upper
113 100
111 102.6 84.7 127.1
192 19.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 20.081 ug/l
RT: 8.016 min Scan# 1093
Delta R.T. 0.012 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Tgt Ion: 75 Resp: 49774
Ion Ratio Lower Upper
75 100
110 35.8 19.9 59.6
77 30.9 24.7 37.1





#37

Ethyl Acetate

Concen: 17.470 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

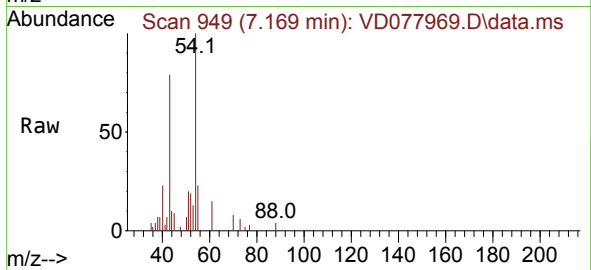
Lab File: VD077969.D

Acq: 19 Dec 2023 12:54

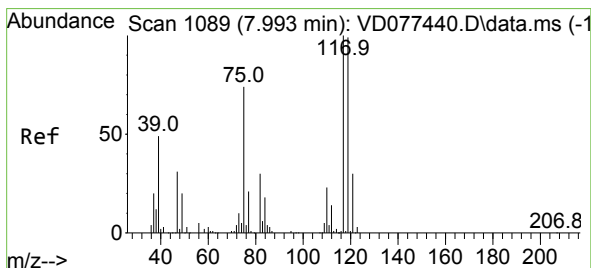
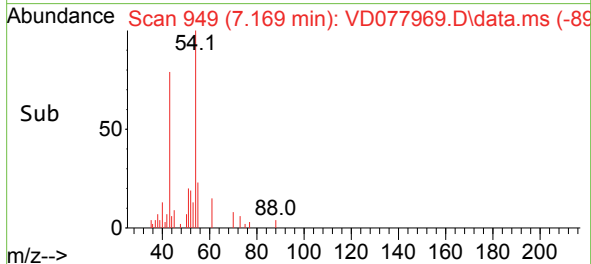
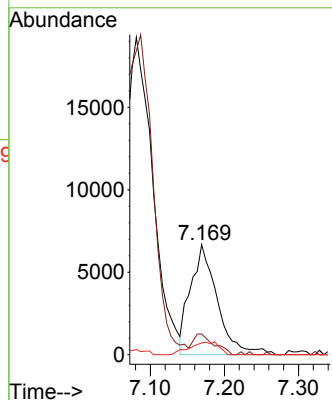
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	43	Resp:	16885
Ion	Ratio	Lower	Upper
43	100		
61	14.3	14.9	22.3#
70	12.2	10.0	15.0



#38

Carbon Tetrachloride

Concen: 20.974 ug/l

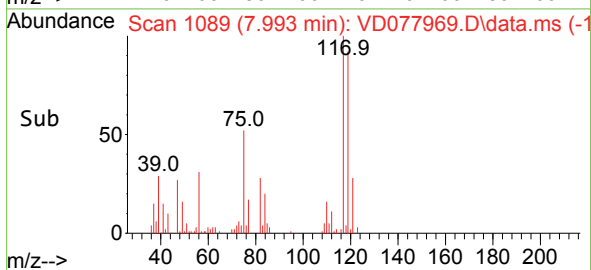
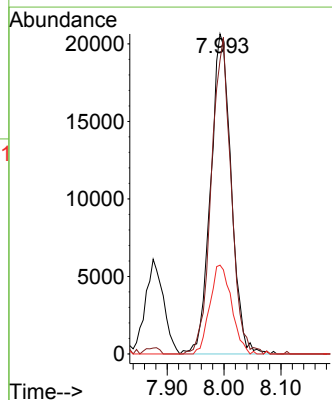
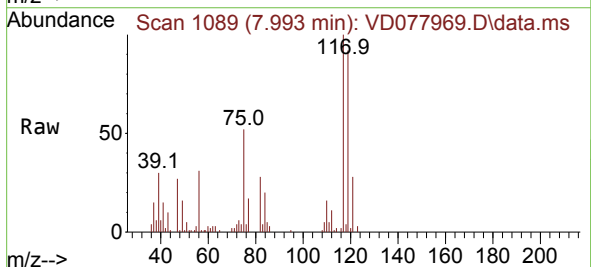
RT: 7.993 min Scan# 1089

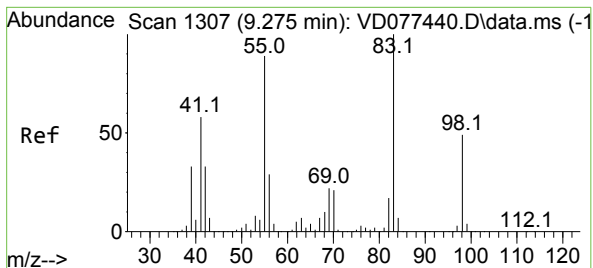
Delta R.T. -0.000 min

Lab File: VD077969.D

Acq: 19 Dec 2023 12:54

Tgt Ion:	117	Resp:	51828
Ion	Ratio	Lower	Upper
117	100		
119	91.8	78.0	117.0
121	27.8	24.2	36.2





#39

Methylcyclohexane

Concen: 19.137 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077969.D

Acq: 19 Dec 2023 12:54

Instrument :

MSVOA_D

ClientSampleId :

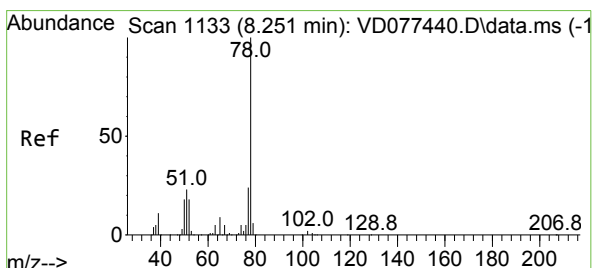
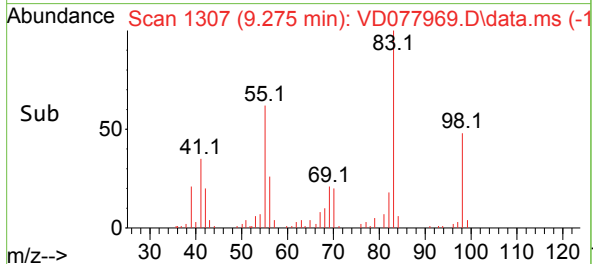
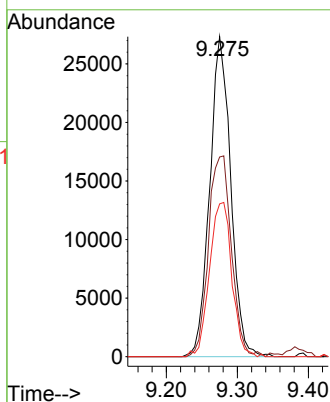
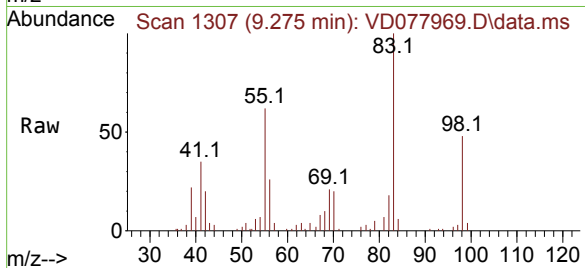
Tgt Ion: 83 Resp: 56235

Ion Ratio Lower Upper

83 100

55 62.4 49.4 74.0

98 47.7 38.4 57.6



#40

Benzene

Concen: 20.597 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD077969.D

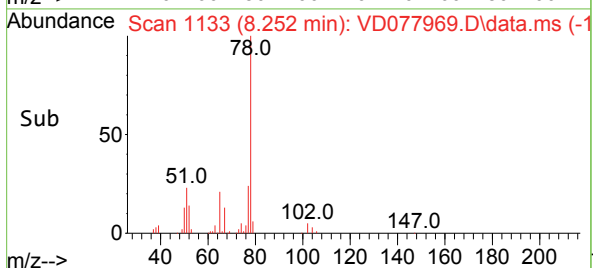
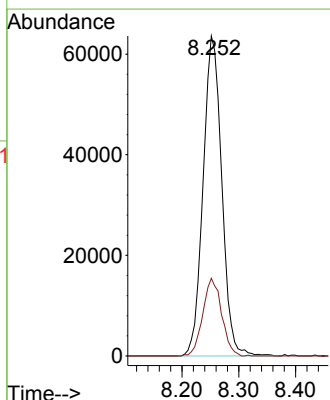
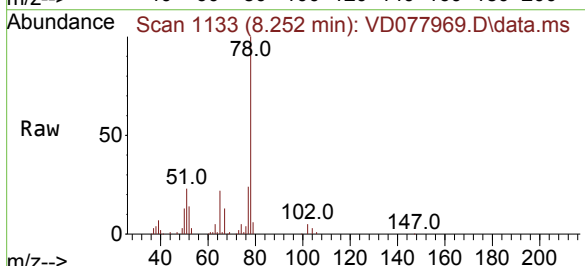
Acq: 19 Dec 2023 12:54

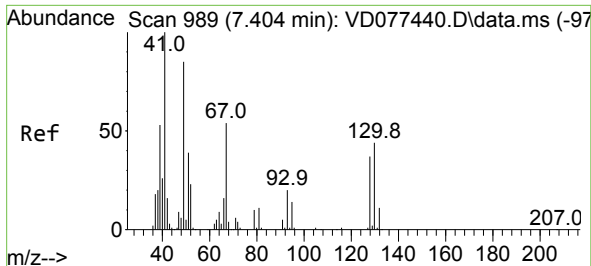
Tgt Ion: 78 Resp: 144902

Ion Ratio Lower Upper

78 100

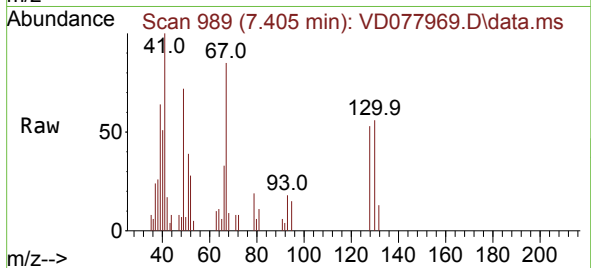
77 24.2 19.4 29.0



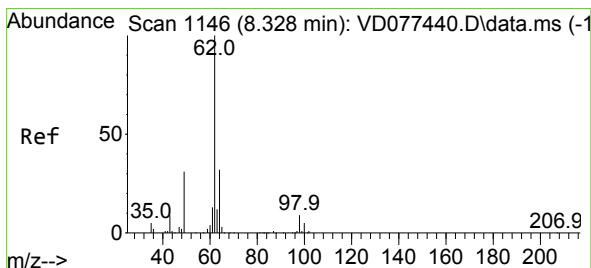
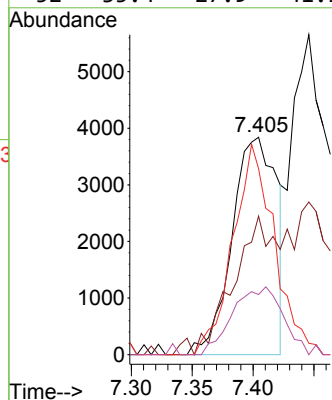
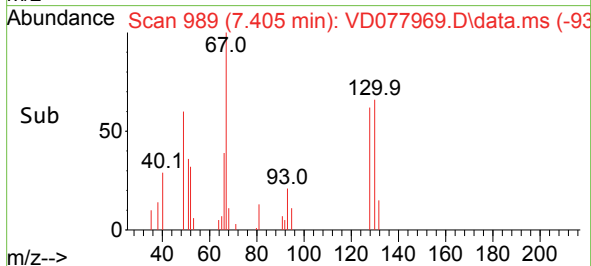


#41
Methacrylonitrile
Concen: 20.019 ug/l
RT: 7.405 min Scan# 989
Delta R.T. 0.001 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Instrument :
MSVOA_D
ClientSampleId :

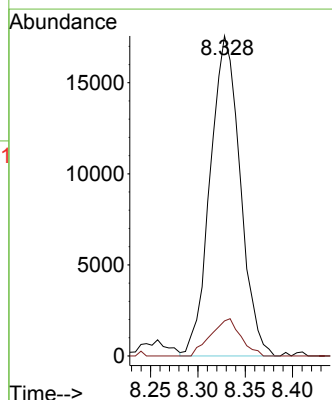
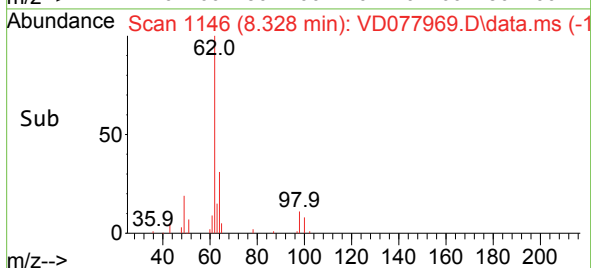
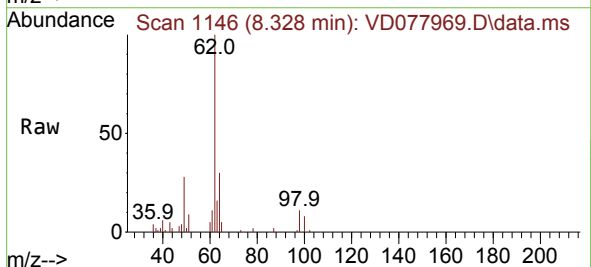


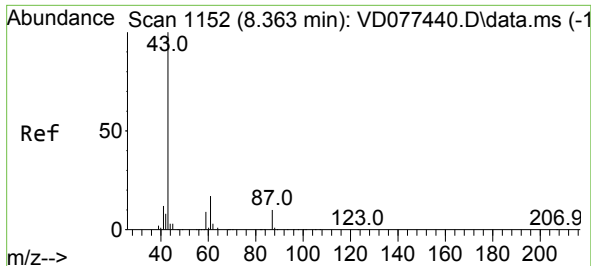
Tgt Ion: 41 Resp: 9834
Ion Ratio Lower Upper
41 100
39 61.0 34.0 51.0#
67 89.7 77.0 115.4
52 35.4 27.9 41.9



#42
1,2-Dichloroethane
Concen: 21.208 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Tgt Ion: 62 Resp: 38674
Ion Ratio Lower Upper
62 100
98 11.6 0.0 25.4

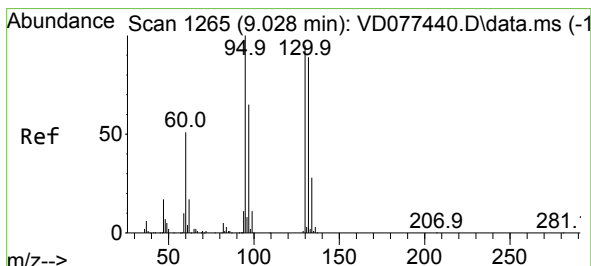
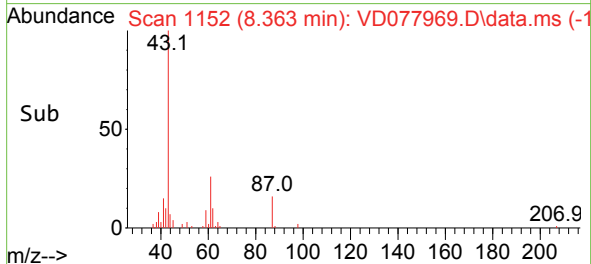
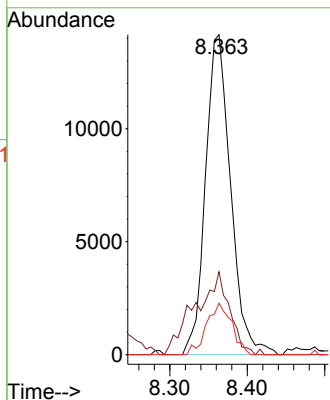
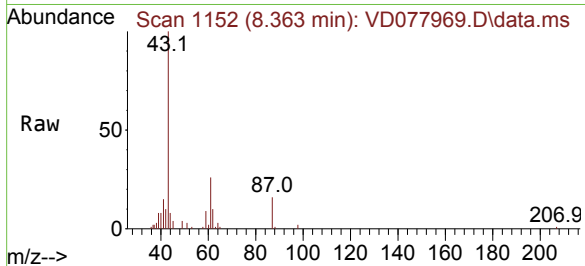




#43
Isopropyl Acetate
Concen: 18.613 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

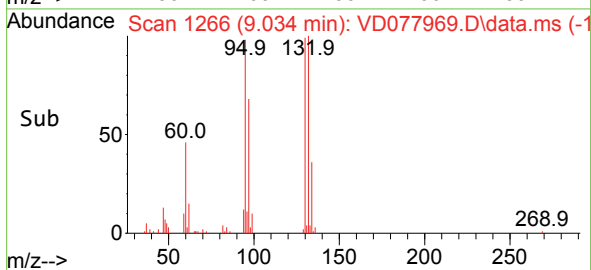
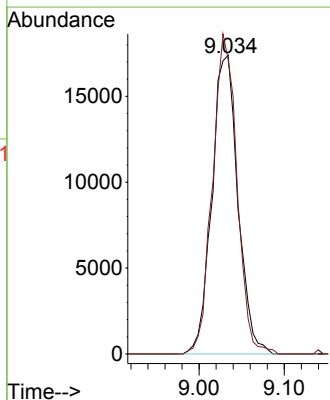
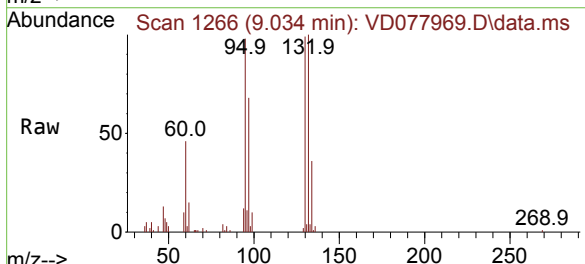
Instrument :
MSVOA_D
ClientSampleId :

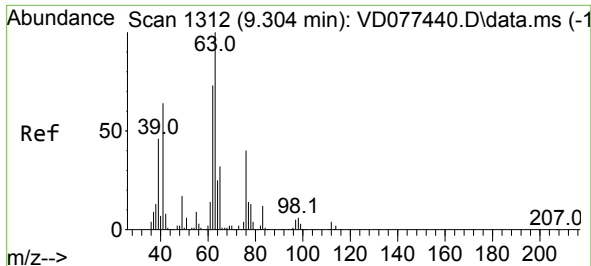
Tgt Ion: 43 Resp: 31978
Ion Ratio Lower Upper
43 100
61 35.5 31.4 47.0
87 16.1 14.9 22.3



#44
Trichloroethene
Concen: 20.117 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Tgt Ion:130 Resp: 36882
Ion Ratio Lower Upper
130 100
95 98.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 21.563 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077969.D

Acq: 19 Dec 2023 12:54

Instrument :

MSVOA_D

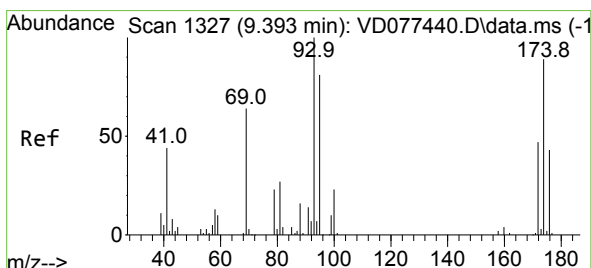
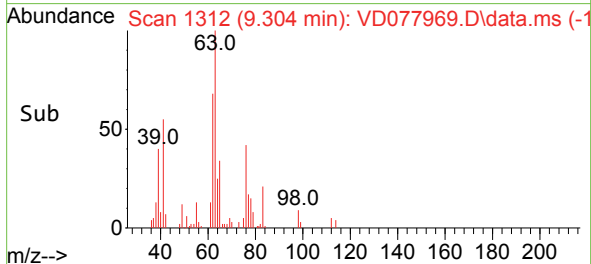
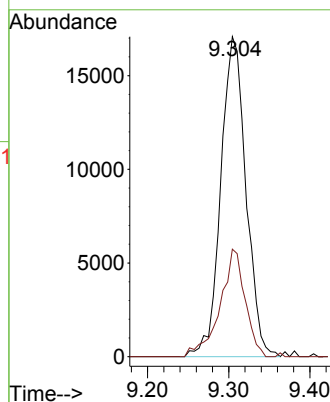
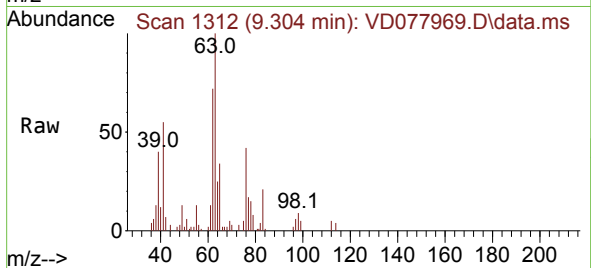
ClientSampleId :

Tgt Ion: 63 Resp: 36877

Ion Ratio Lower Upper

63 100

65 33.6 24.5 36.7



#46

Dibromomethane

Concen: 20.731 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD077969.D

Acq: 19 Dec 2023 12:54

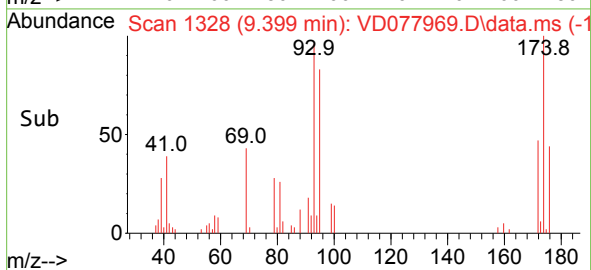
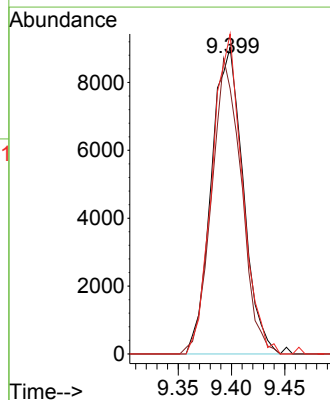
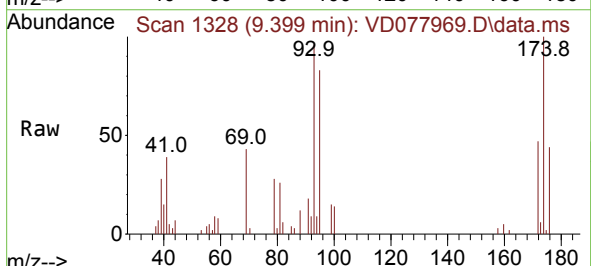
Tgt Ion: 93 Resp: 18759

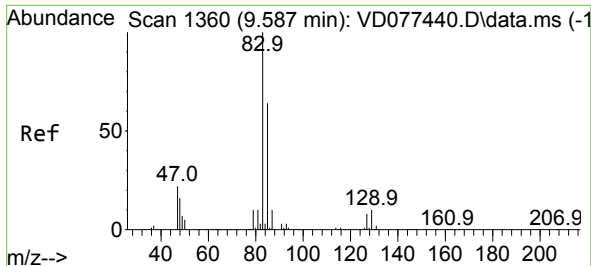
Ion Ratio Lower Upper

93 100

95 90.1 67.7 101.5

174 99.1 85.4 128.2

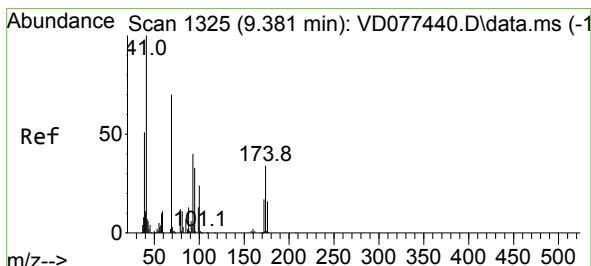
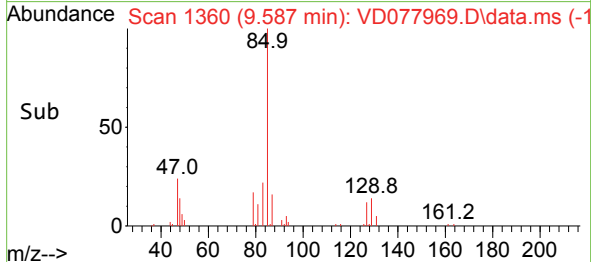
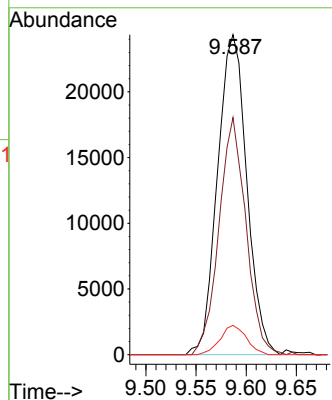
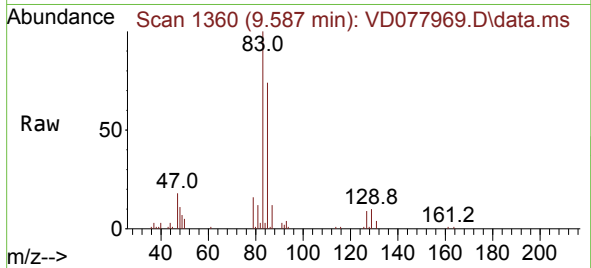




#47
Bromodichloromethane
Concen: 21.533 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

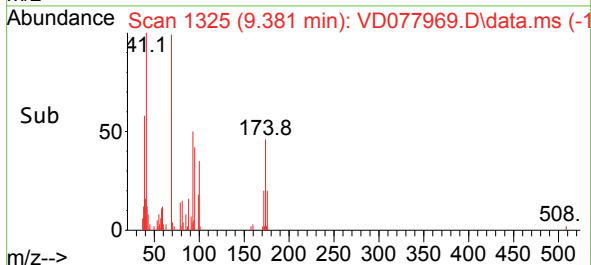
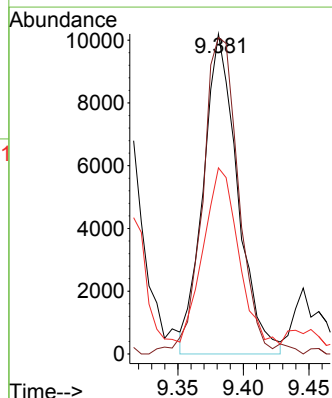
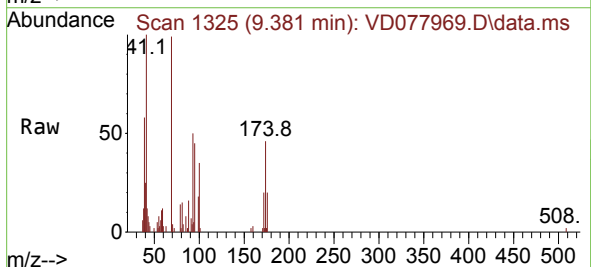
Instrument :
MSVOA_D
ClientSampleId :

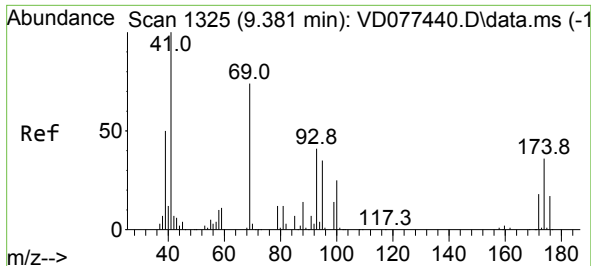
Tgt Ion: 83 Resp: 49388
Ion Ratio Lower Upper
83 100
85 74.1 50.2 75.4
127 9.1 6.3 9.5



#48
Methyl methacrylate
Concen: 19.041 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Tgt Ion: 41 Resp: 18596
Ion Ratio Lower Upper
41 100
69 102.7 102.2 153.2
39 59.6 41.4 62.2





#49

1,4-Dioxane

Concen: 418.461 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077969.D

Acq: 19 Dec 2023 12:54

Instrument :

MSVOA_D

ClientSampleId :

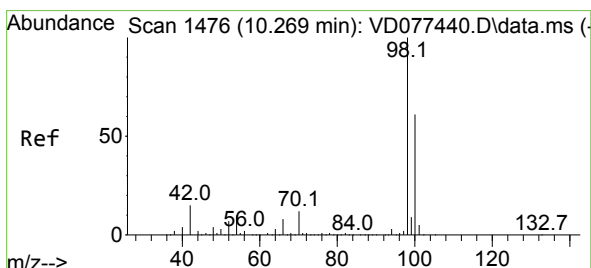
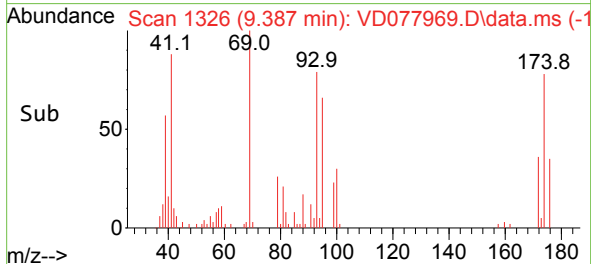
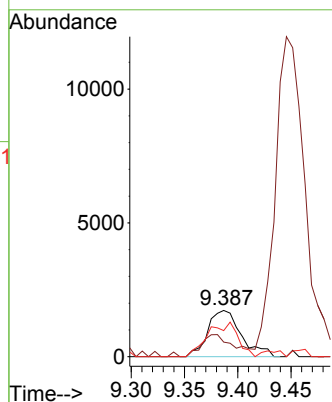
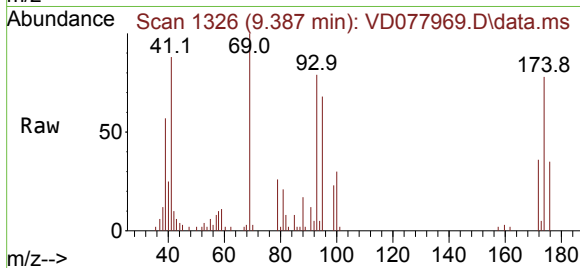
Tgt Ion: 88 Resp: 3760

Ion Ratio Lower Upper

88 100

43 45.3 19.0 28.6#

58 67.3 43.5 65.3#



#50

Toluene-d8

Concen: 48.718 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077969.D

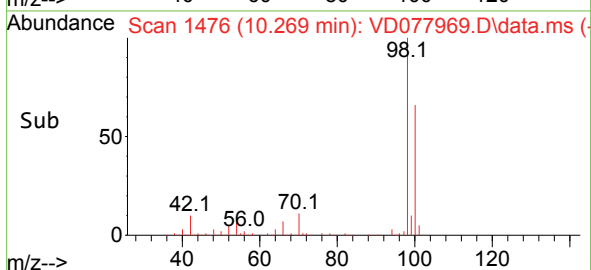
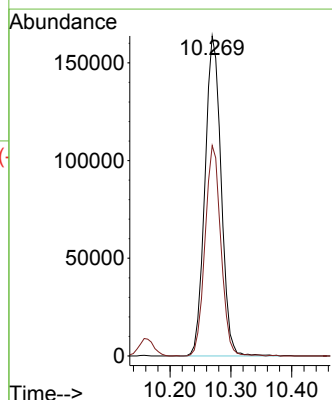
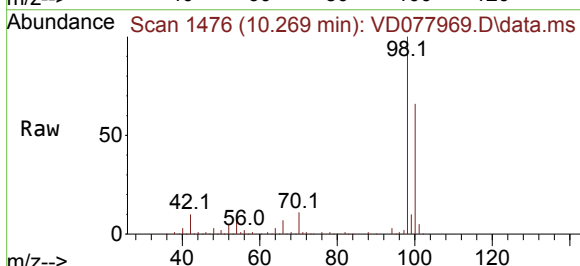
Acq: 19 Dec 2023 12:54

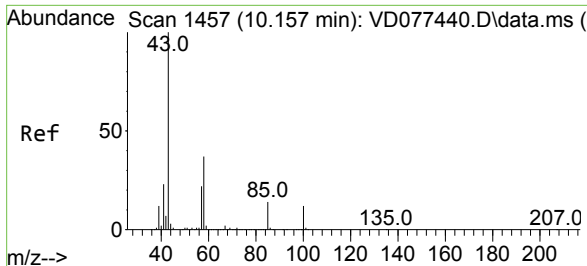
Tgt Ion: 98 Resp: 302367

Ion Ratio Lower Upper

98 100

100 64.4 50.3 75.5

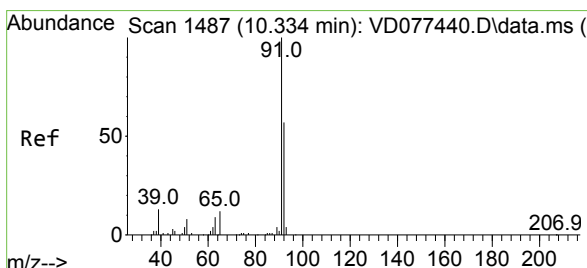
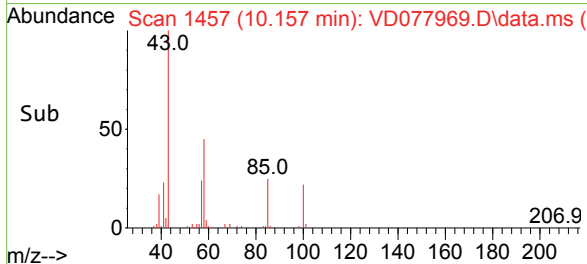
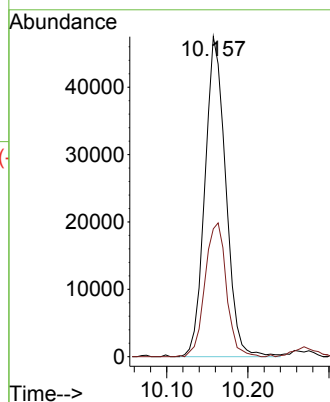
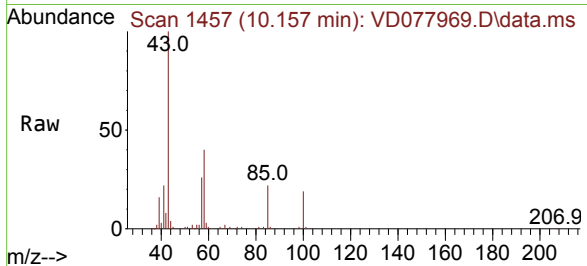




#51
4-Methyl-2-Pentanone
Concen: 96.769 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

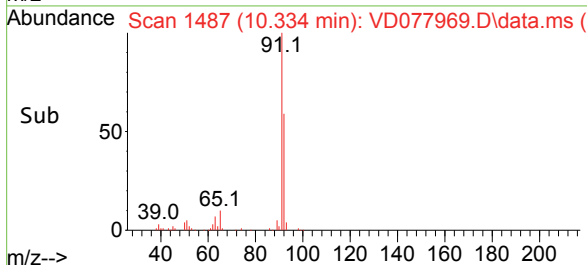
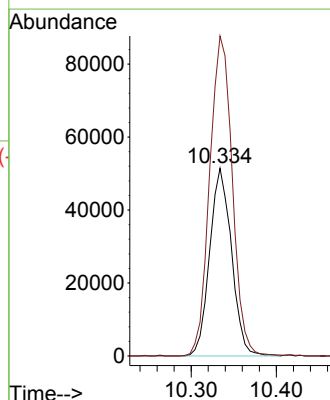
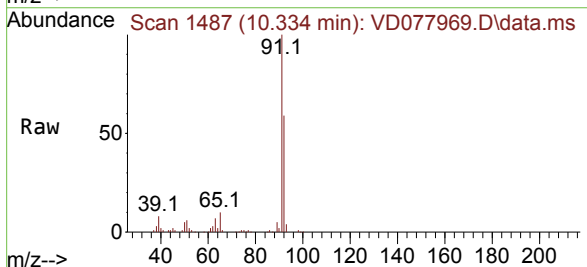
Instrument :
MSVOA_D
ClientSampleId :

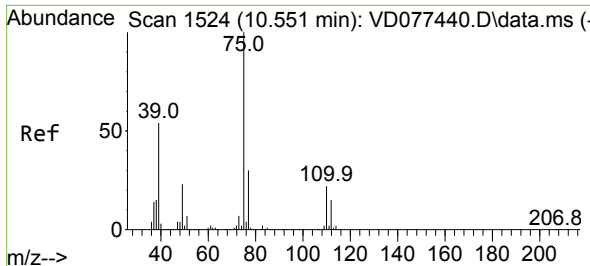
Tgt Ion: 43 Resp: 84851
Ion Ratio Lower Upper
43 100
58 42.8 38.9 58.3



#52
Toluene
Concen: 21.003 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Tgt Ion: 92 Resp: 91657
Ion Ratio Lower Upper
92 100
91 176.8 143.0 214.4

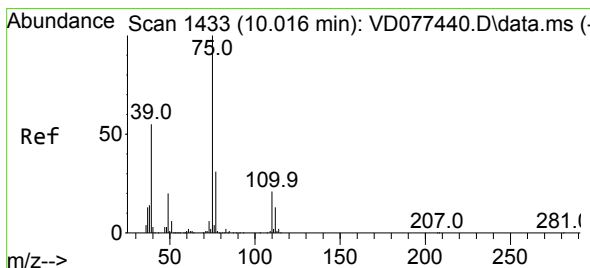
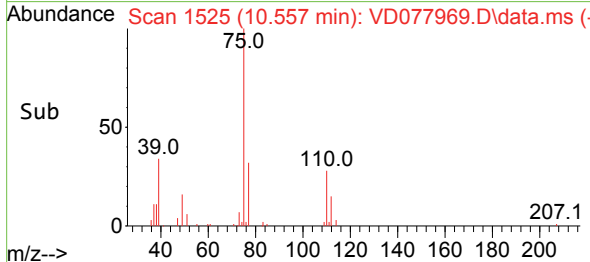
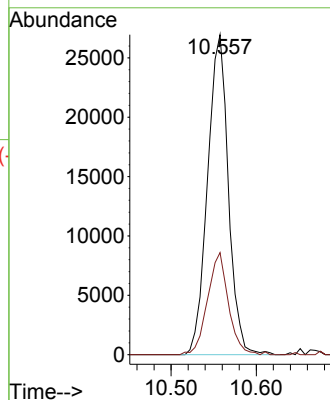
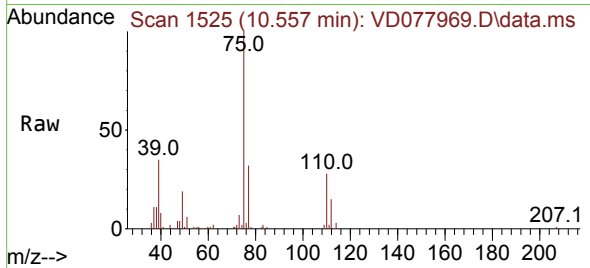




#53
 t-1,3-Dichloropropene
 Concen: 20.793 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD077969.D
 Acq: 19 Dec 2023 12:54

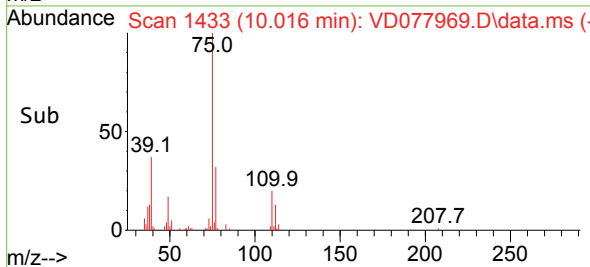
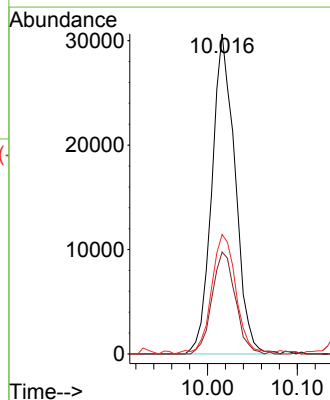
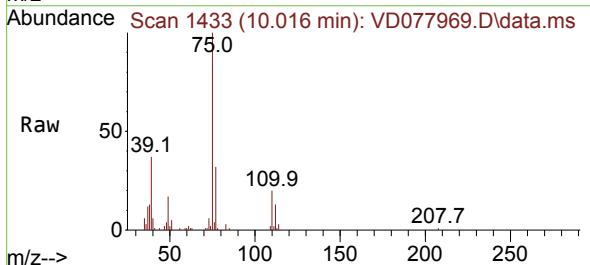
Instrument :
 MSVOA_D
 ClientSampleId :

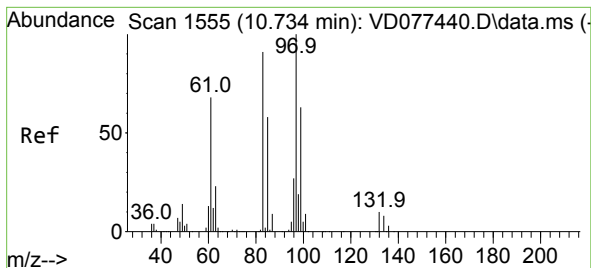
Tgt Ion: 75 Resp: 45797
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.593 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077969.D
 Acq: 19 Dec 2023 12:54

Tgt Ion: 75 Resp: 54837
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.5 38.3
 39 36.8 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 22.195 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

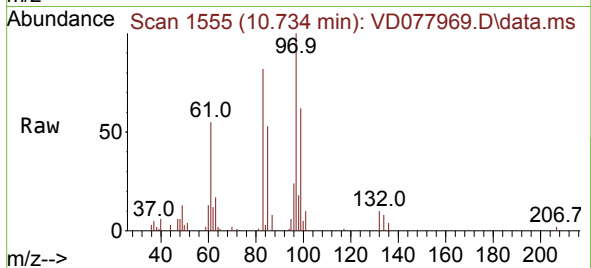
Lab File: VD077969.D

Acq: 19 Dec 2023 12:54

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 27472

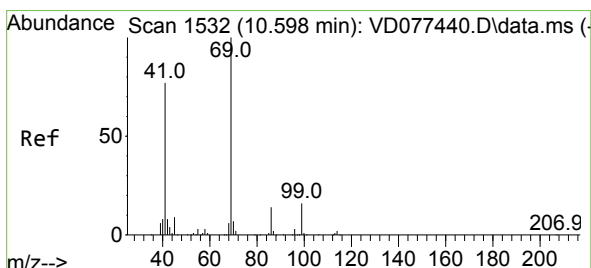
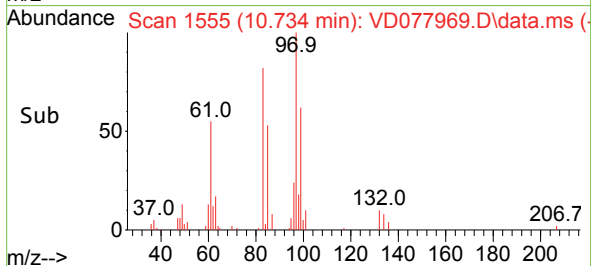
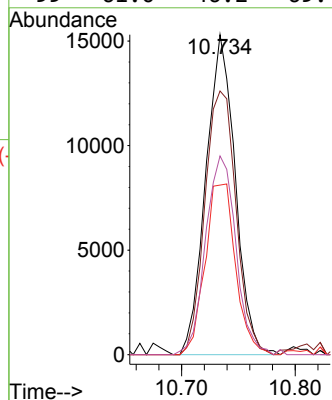
Ion Ratio Lower Upper

97 100

83 82.4 65.8 98.6

85 53.0 45.7 68.5

99 61.0 46.2 69.4



#56

Ethyl methacrylate

Concen: 20.298 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.001 min

Lab File: VD077969.D

Acq: 19 Dec 2023 12:54

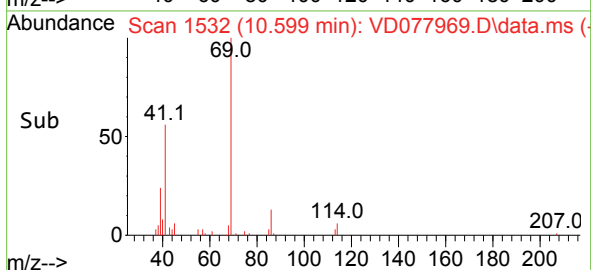
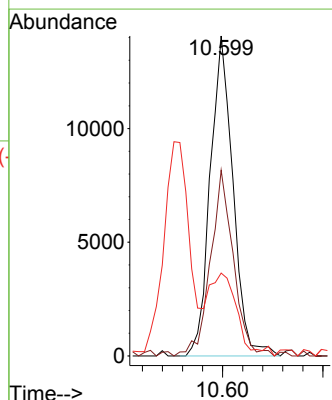
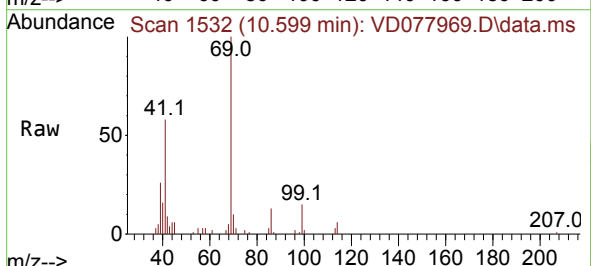
Tgt Ion: 69 Resp: 22147

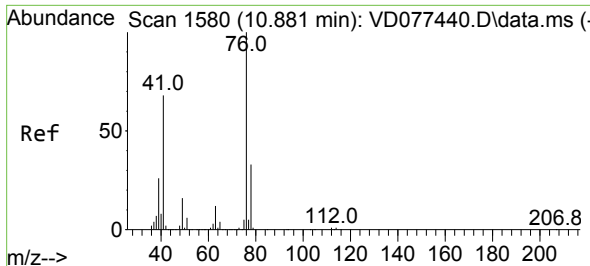
Ion Ratio Lower Upper

69 100

41 58.5 39.1 58.7

39 31.4 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 21.439 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077969.D

Acq: 19 Dec 2023 12:54

Instrument :

MSVOA_D

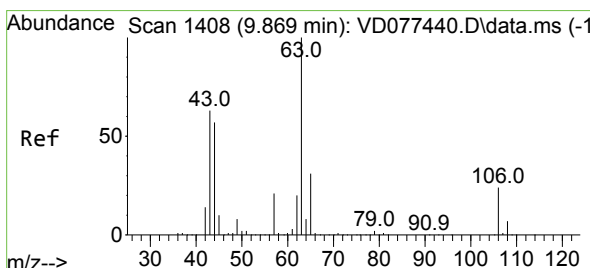
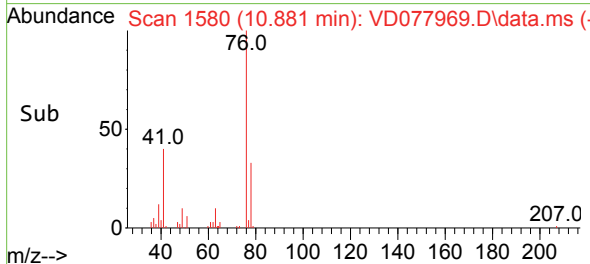
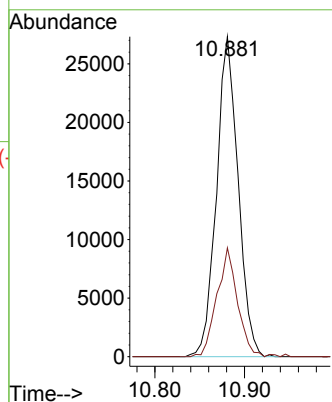
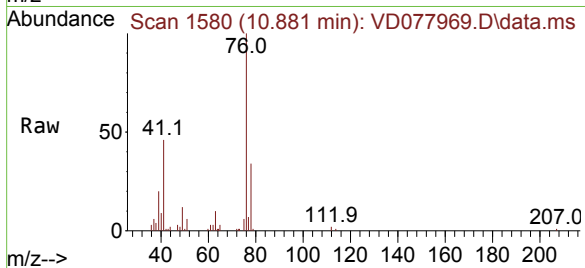
ClientSampleId :

Tgt Ion: 76 Resp: 45740

Ion Ratio Lower Upper

76 100

78 32.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 70.664 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077969.D

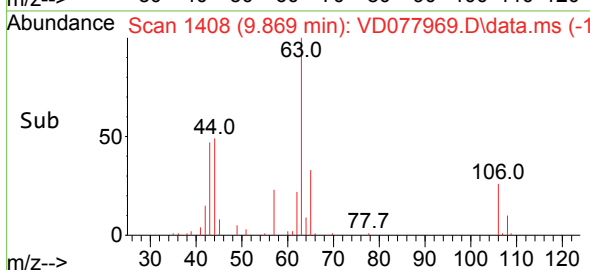
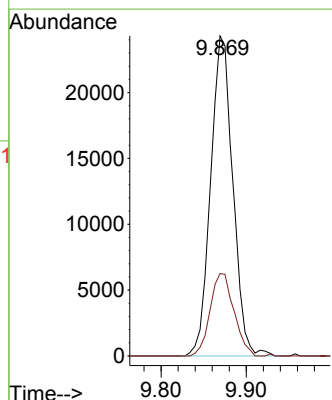
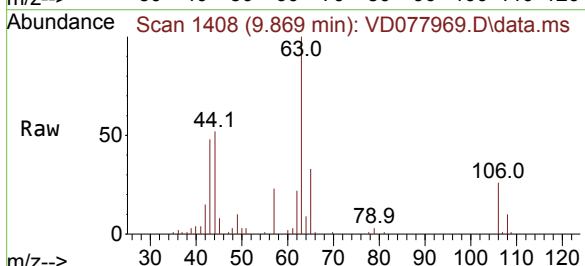
Acq: 19 Dec 2023 12:54

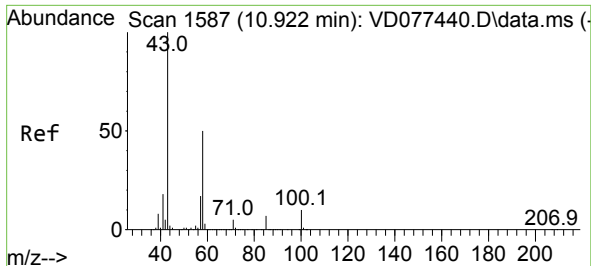
Tgt Ion: 63 Resp: 43970

Ion Ratio Lower Upper

63 100

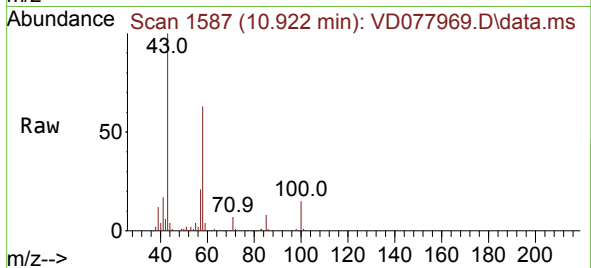
106 27.6 25.3 37.9



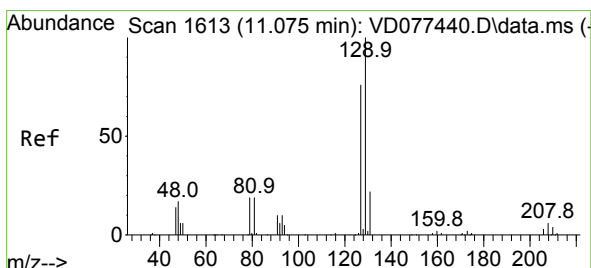
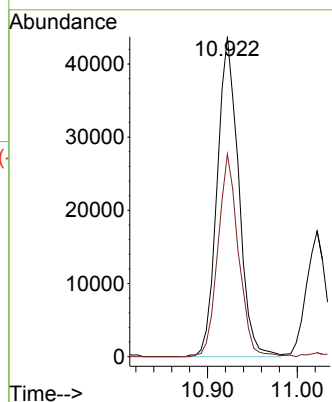
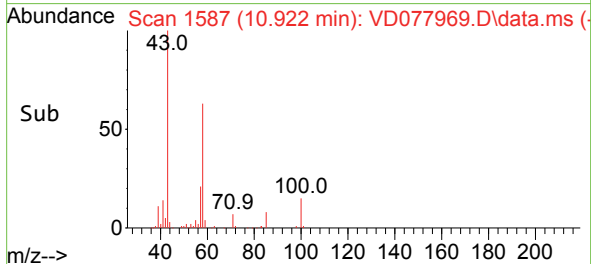


#59
2-Hexanone
Concen: 99.618 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Instrument :
MSVOA_D
ClientSampleId :

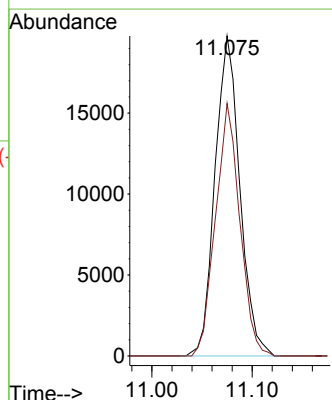
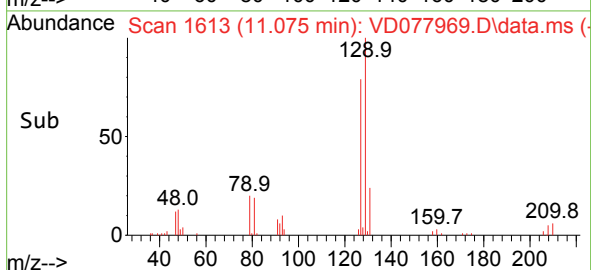
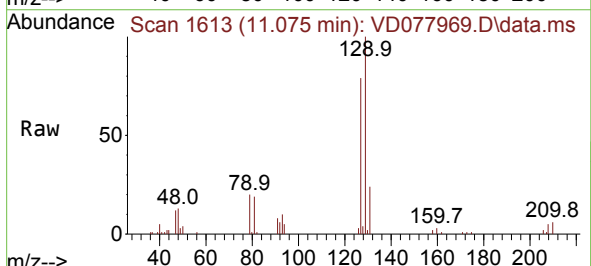


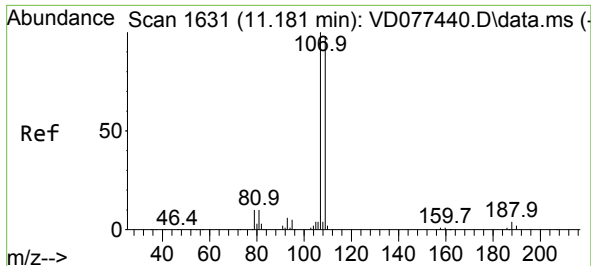
Tgt Ion: 43 Resp: 72469
Ion Ratio Lower Upper
43 100
58 60.7 34.1 102.2



#60
Dibromochloromethane
Concen: 22.773 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Tgt Ion: 129 Resp: 33937
Ion Ratio Lower Upper
129 100
127 77.3 37.1 111.5

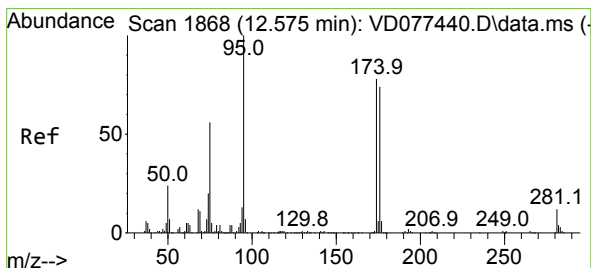
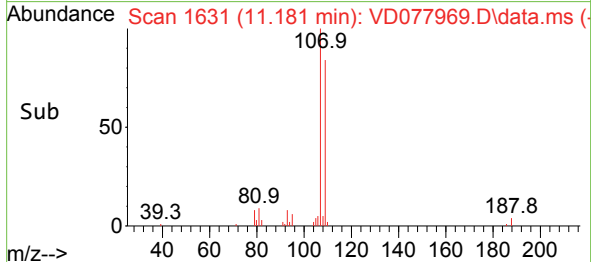
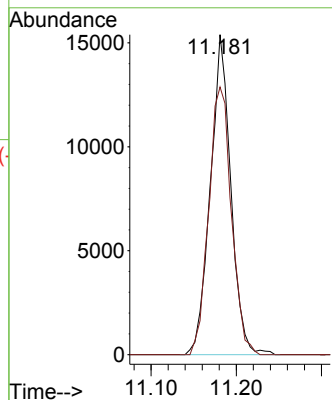
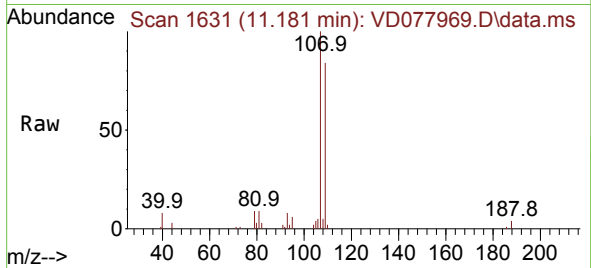




#61
1,2-Dibromoethane
Concen: 22.072 ug/l
RT: 11.181 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

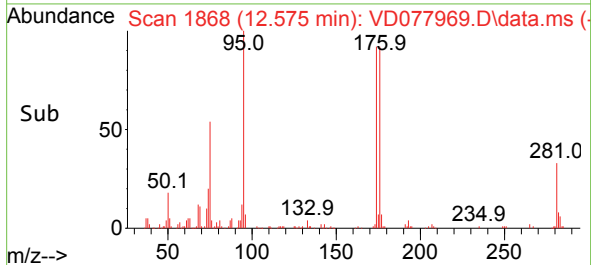
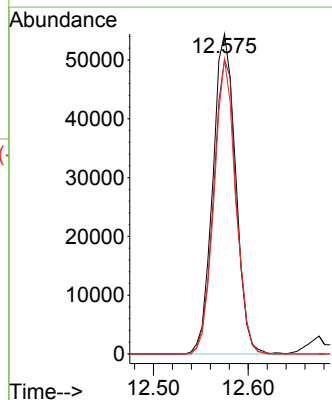
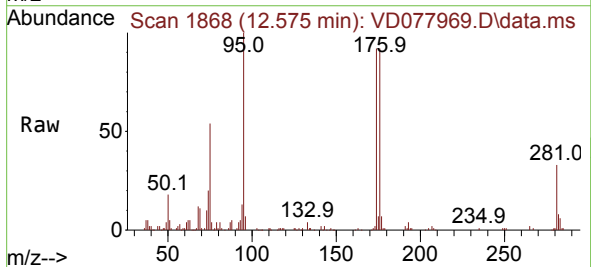
Instrument :
MSVOA_D
ClientSampleId :

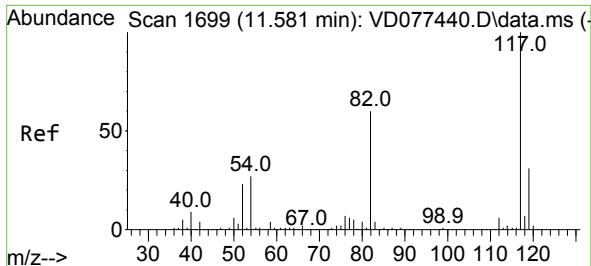
Tgt Ion:107 Resp: 25717
Ion Ratio Lower Upper
107 100
109 92.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.056 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Tgt Ion: 95 Resp: 91027
Ion Ratio Lower Upper
95 100
174 91.0 0.0 201.8
176 86.9 0.0 191.8

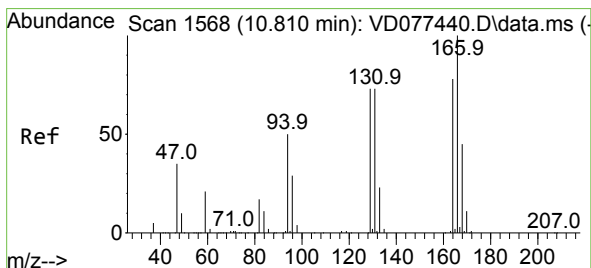
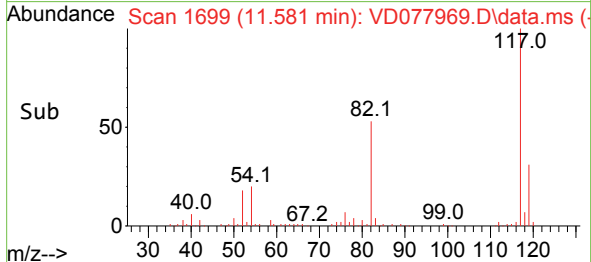
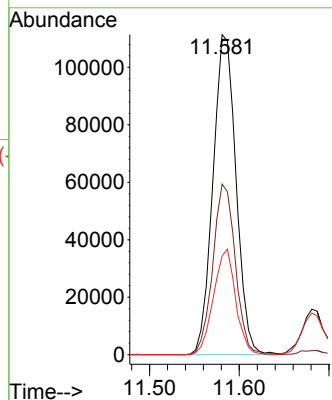
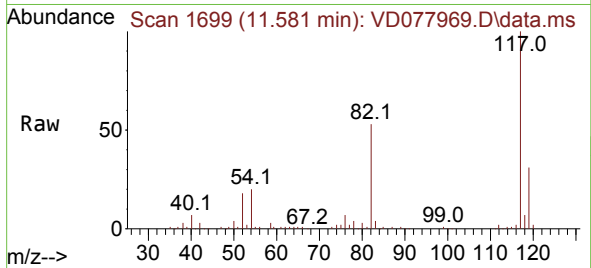




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

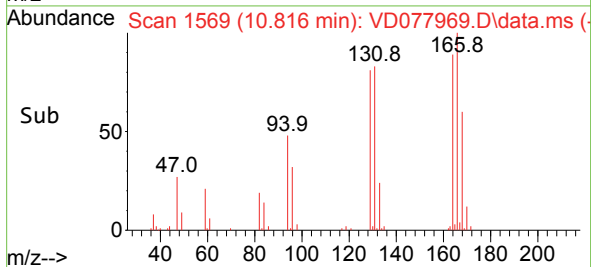
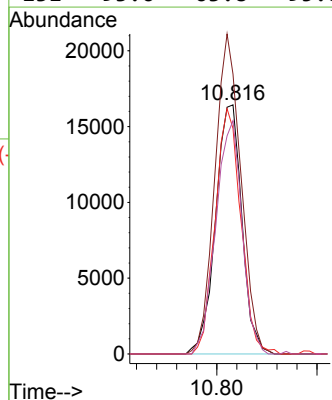
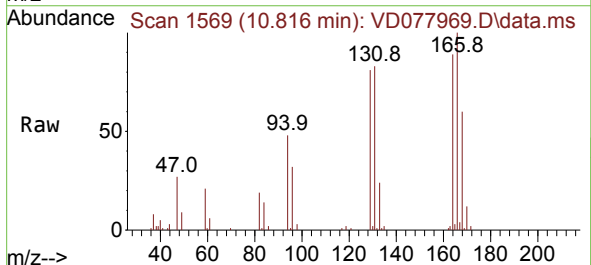
Instrument :
MSVOA_D
ClientSampleId :

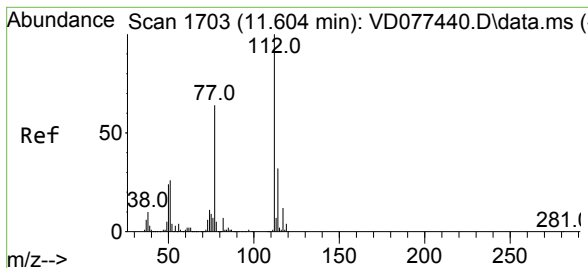
Tgt Ion:117 Resp: 199119
Ion Ratio Lower Upper
117 100
82 53.3 38.3 57.5
119 30.8 25.0 37.4



#64
Tetrachloroethene
Concen: 20.445 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Tgt Ion:164 Resp: 29921
Ion Ratio Lower Upper
164 100
166 112.3 99.2 148.8
129 90.5 68.4 102.6
131 93.6 63.8 95.8





#65

Chlorobenzene

Concen: 19.653 ug/l

RT: 11.610 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077969.D

Acq: 19 Dec 2023 12:54

Instrument :

MSVOA_D

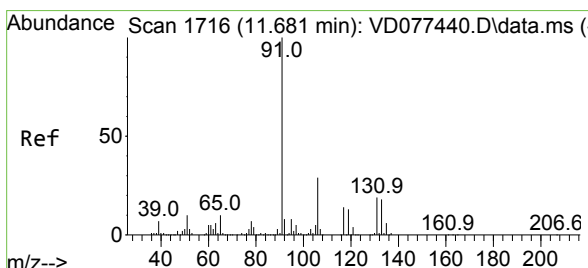
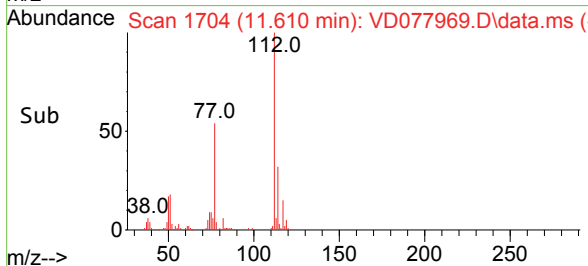
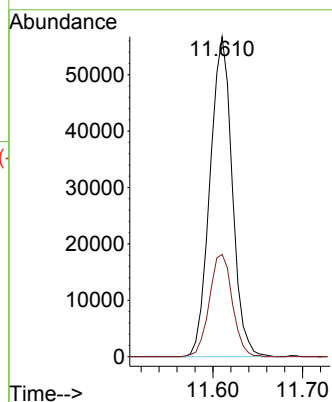
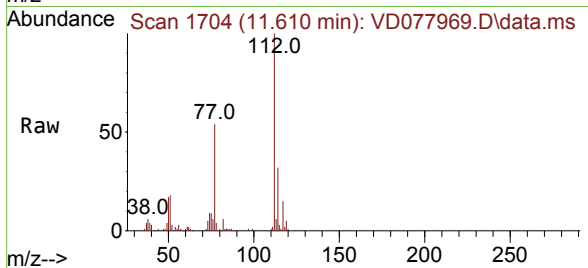
ClientSampleId :

Tgt Ion:112 Resp: 97542

Ion Ratio Lower Upper

112 100

114 31.9 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 21.172 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077969.D

Acq: 19 Dec 2023 12:54

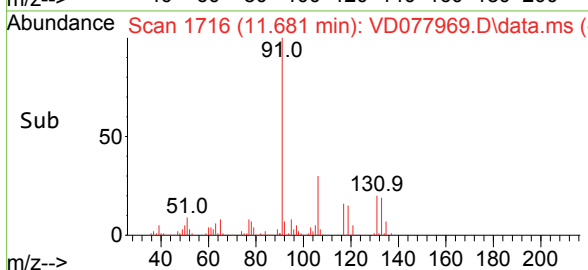
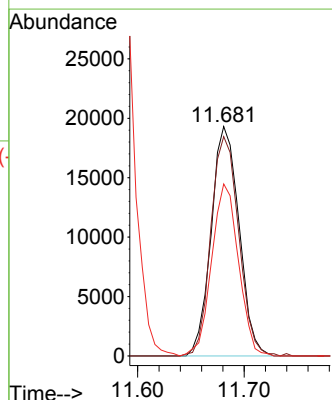
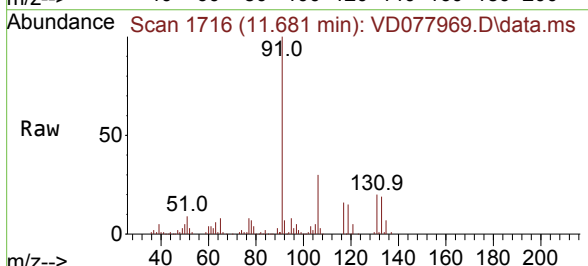
Tgt Ion:131 Resp: 35057

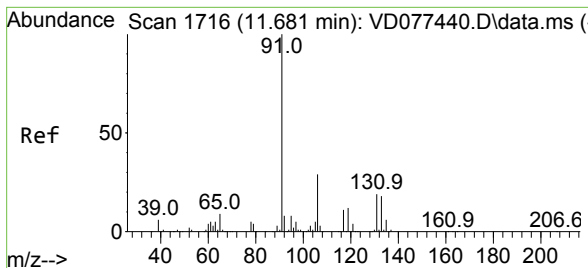
Ion Ratio Lower Upper

131 100

133 95.5 48.5 145.5

119 72.2 35.6 106.9





#67

Ethyl Benzene

Concen: 20.910 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077969.D

Acq: 19 Dec 2023 12:54

Instrument :

MSVOA_D

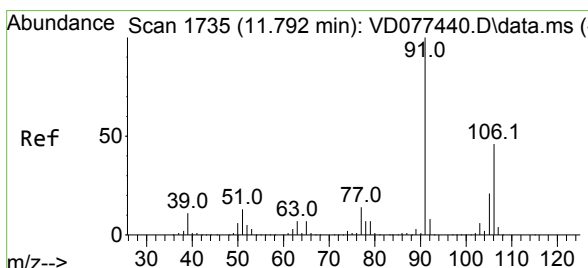
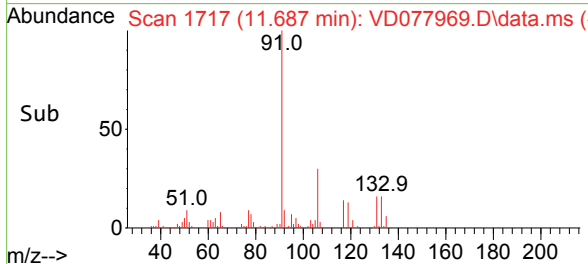
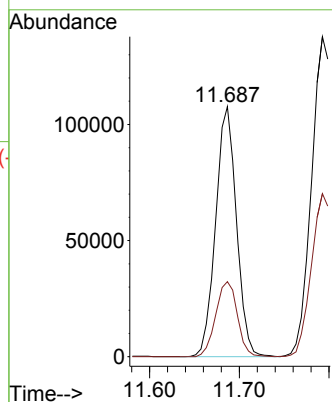
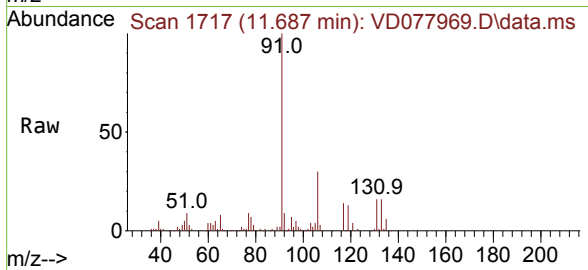
ClientSampleId :

Tgt Ion: 91 Resp: 173344

Ion Ratio Lower Upper

91 100

106 30.0 26.5 39.7



#68

m/p-Xylenes

Concen: 42.597 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.001 min

Lab File: VD077969.D

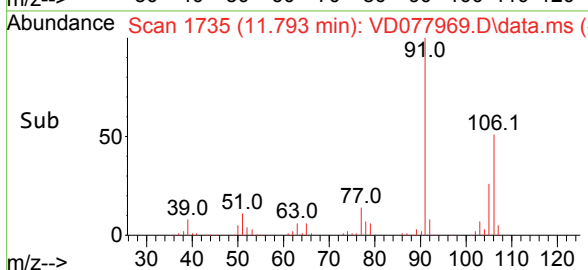
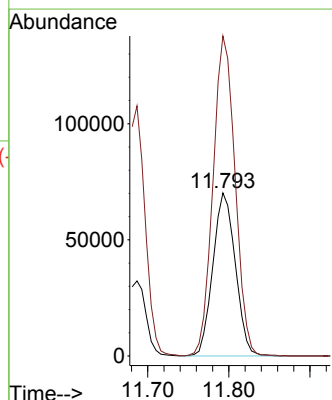
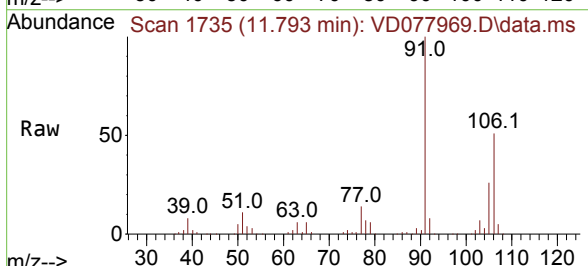
Acq: 19 Dec 2023 12:54

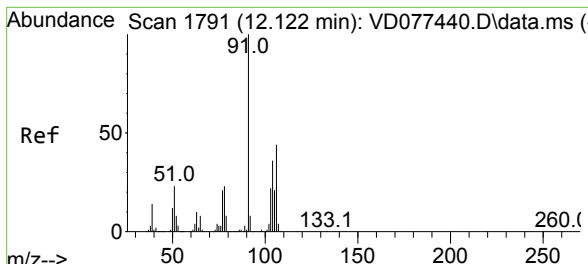
Tgt Ion:106 Resp: 135073

Ion Ratio Lower Upper

106 100

91 193.1 147.0 220.6

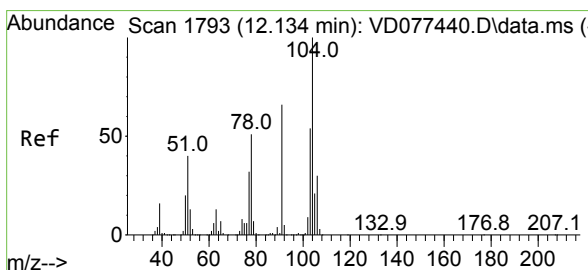
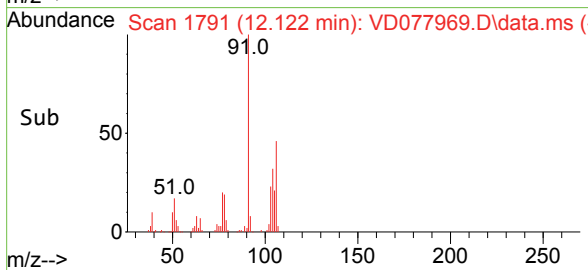
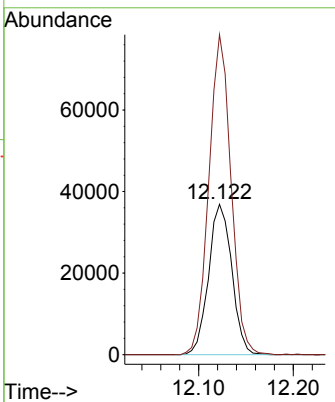
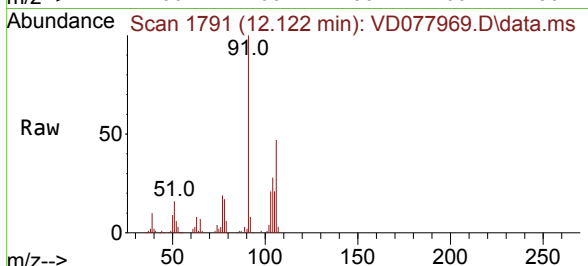




#69
o-Xylene
Concen: 21.457 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

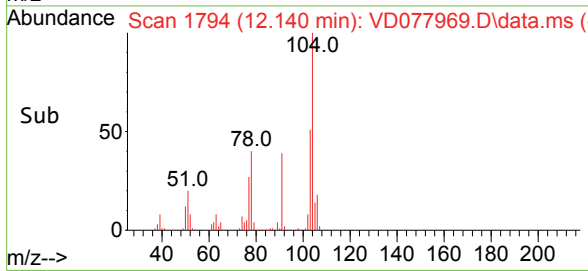
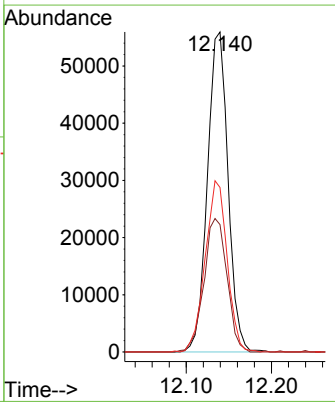
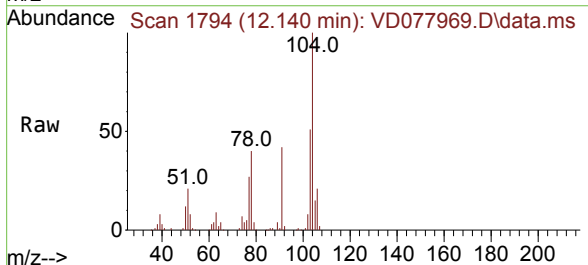
Instrument :
MSVOA_D
ClientSampleId :

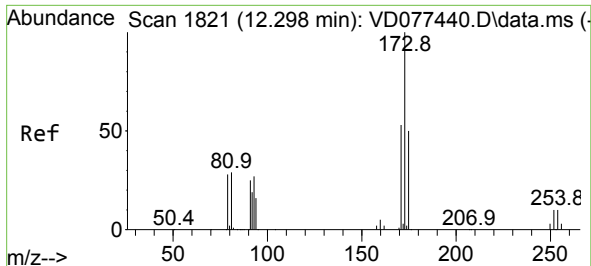
Tgt Ion:	106	Resp:	62707
Ion Ratio	Lower	Upper	
106	100		
91	203.7	97.9	293.6



#70
Styrene
Concen: 21.634 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Tgt Ion:	104	Resp:	94008
Ion Ratio	Lower	Upper	
104	100		
78	46.6	33.2	49.8
103	57.0	43.6	65.4

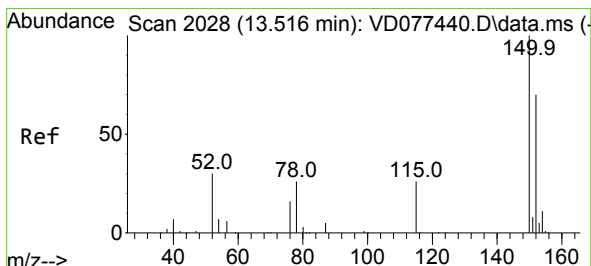
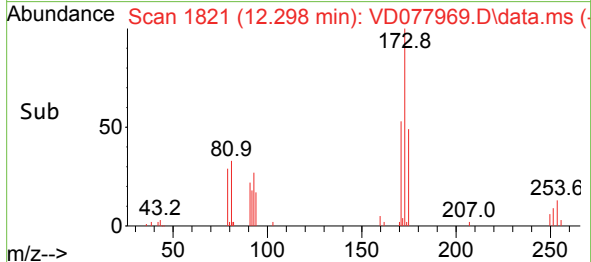
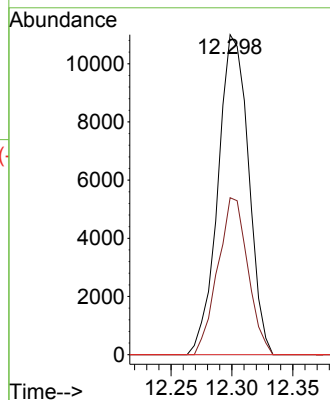
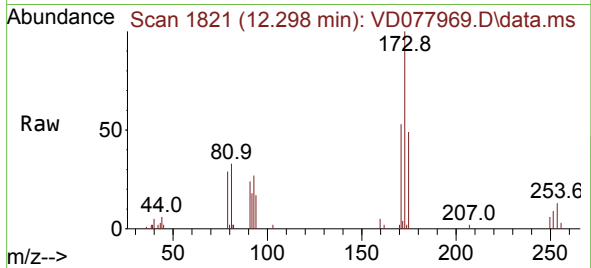




#71
Bromoform
Concen: 22.260 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

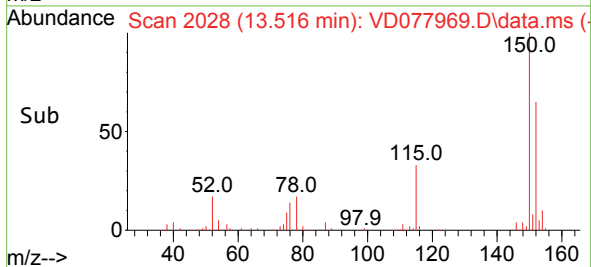
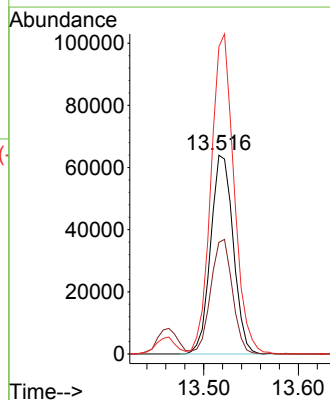
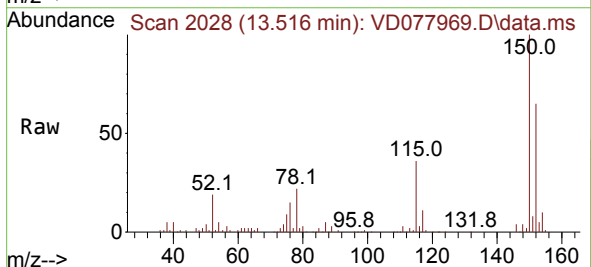
Instrument :
MSVOA_D
ClientSampleId :

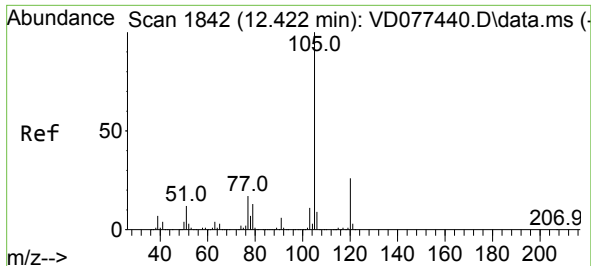
Tgt Ion:173 Resp: 19259
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

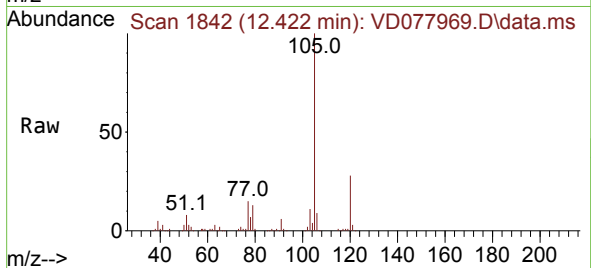
Tgt Ion:152 Resp: 106082
Ion Ratio Lower Upper
152 100
115 55.4 27.1 81.3
150 163.7 0.0 353.6



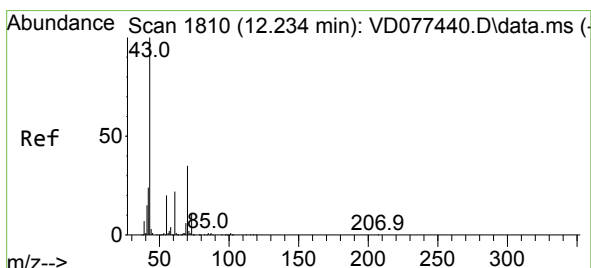
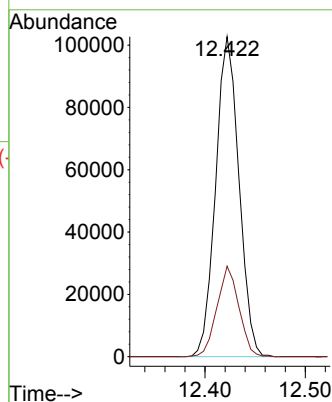
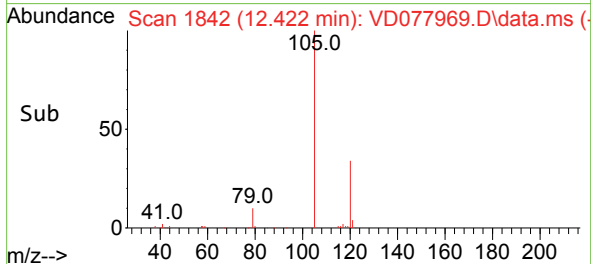


#73
Isopropylbenzene
Concen: 20.552 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Instrument :
MSVOA_D
ClientSampleId :

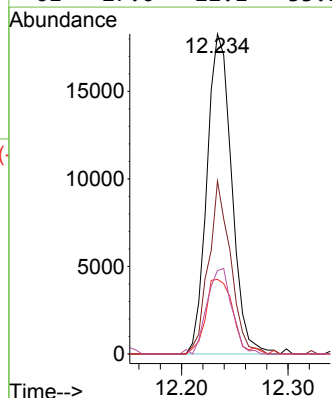
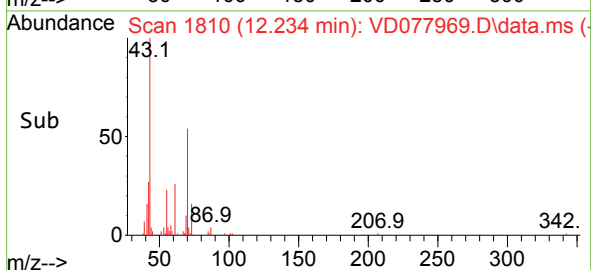
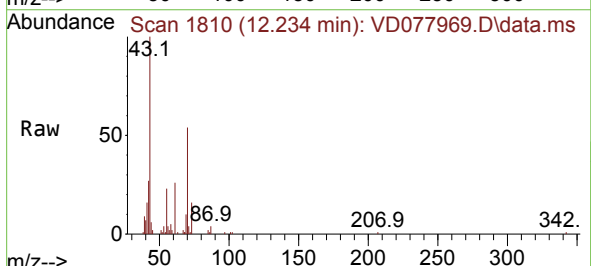


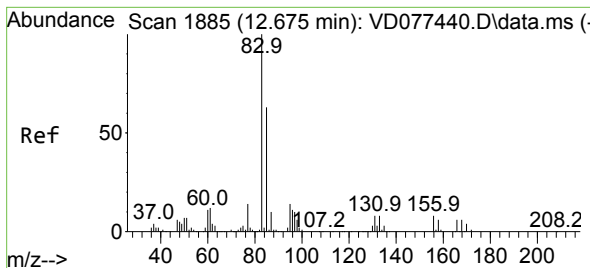
Tgt Ion:105 Resp: 165239
Ion Ratio Lower Upper
105 100
120 26.6 14.3 42.9



#74
N-ethyl acetate
Concen: 18.685 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Tgt Ion: 43 Resp: 29530
Ion Ratio Lower Upper
43 100
70 48.2 45.0 67.4
55 25.7 23.8 35.6
61 27.0 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.960 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD077969.D

Acq: 19 Dec 2023 12:54

Instrument :

MSVOA_D

ClientSampleId :

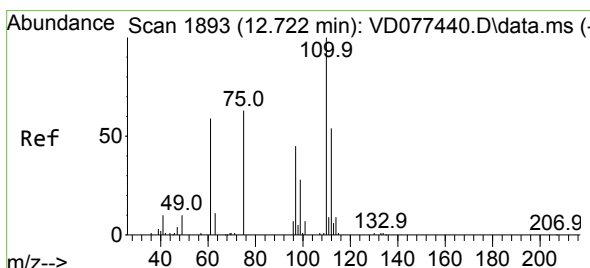
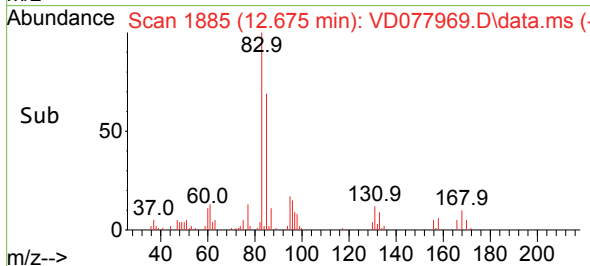
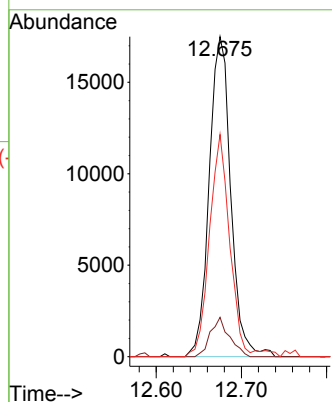
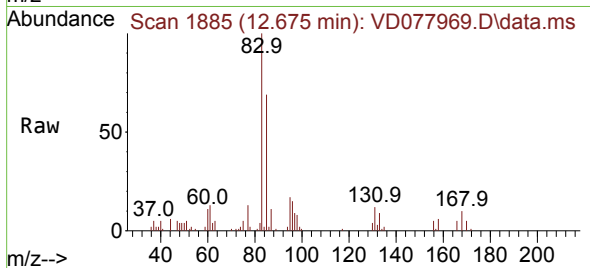
Tgt Ion: 83 Resp: 30785

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.3

85 65.1 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 39.426 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD077969.D

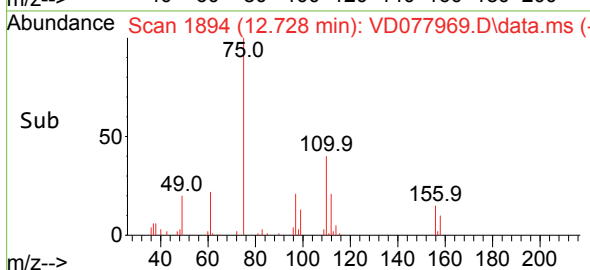
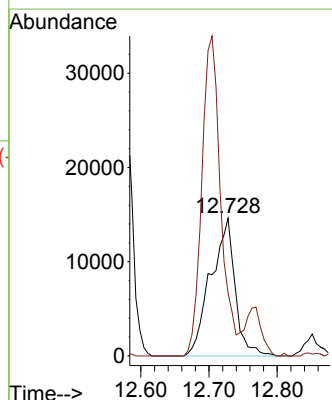
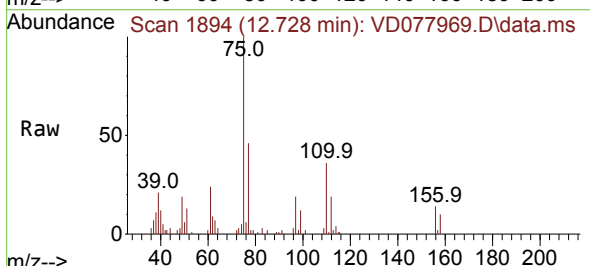
Acq: 19 Dec 2023 12:54

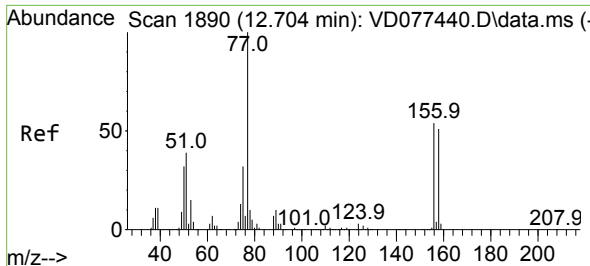
Tgt Ion: 75 Resp: 36324

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

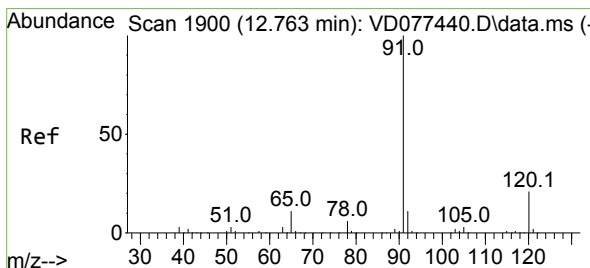
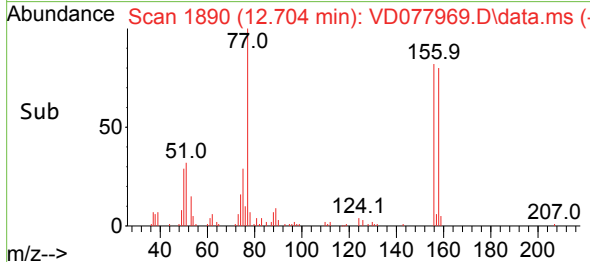
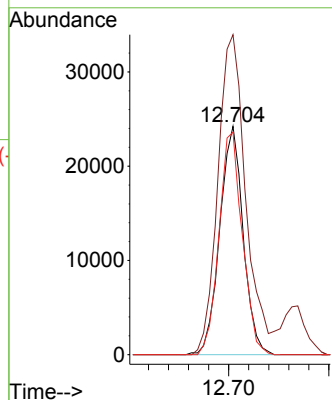
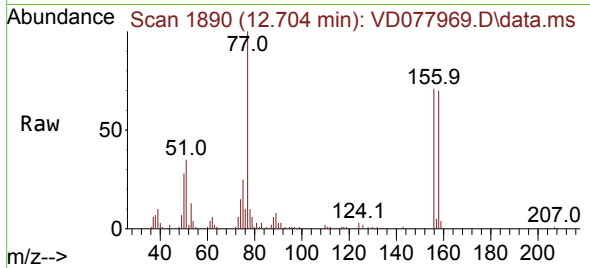




#77
Bromobenzene
Concen: 20.724 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

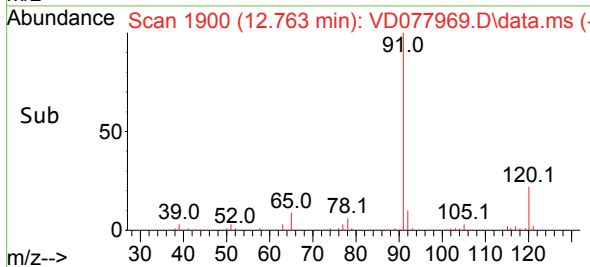
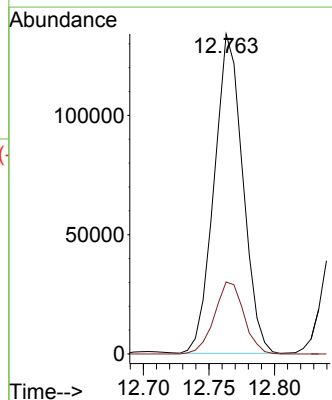
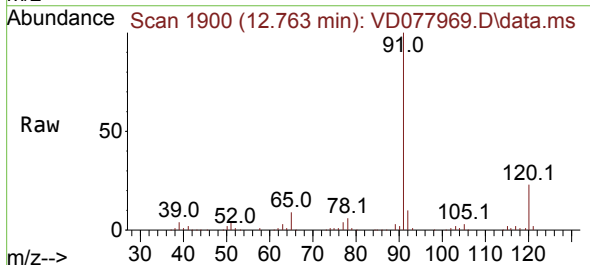
Instrument :
MSVOA_D
ClientSampleId :

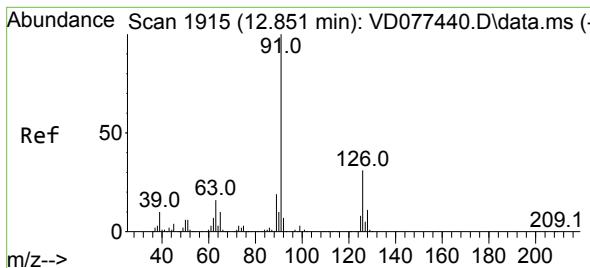
Tgt Ion:156 Resp: 39191
Ion Ratio Lower Upper
156 100
77 167.9 76.8 230.4
158 97.5 48.6 145.9



#78
n-propylbenzene
Concen: 20.761 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Tgt Ion: 91 Resp: 203401
Ion Ratio Lower Upper
91 100
120 23.1 12.4 37.2





#79

2-Chlorotoluene

Concen: 21.084 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077969.D

Acq: 19 Dec 2023 12:54

Instrument :

MSVOA_D

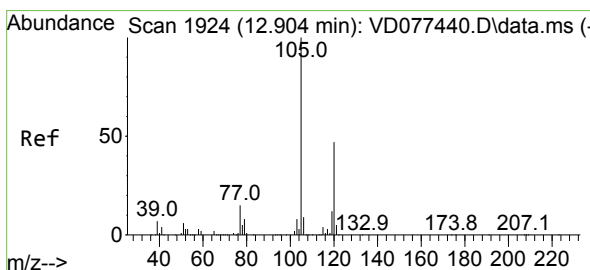
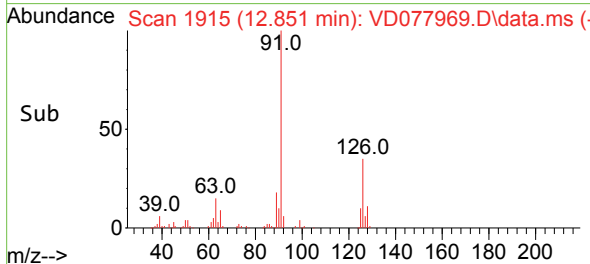
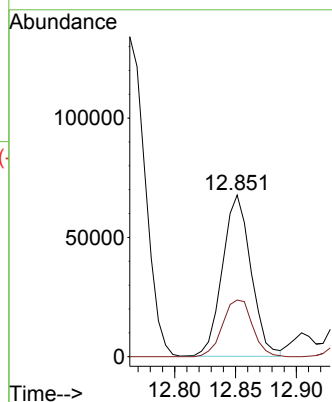
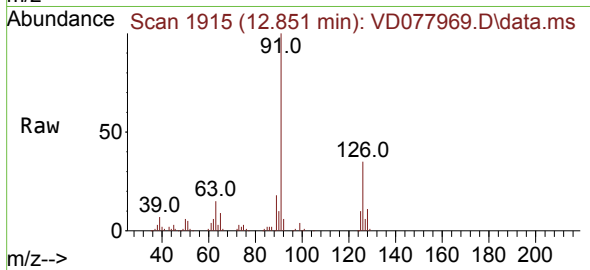
ClientSampleId :

Tgt Ion: 91 Resp: 110700

Ion Ratio Lower Upper

91 100

126 36.8 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 21.161 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077969.D

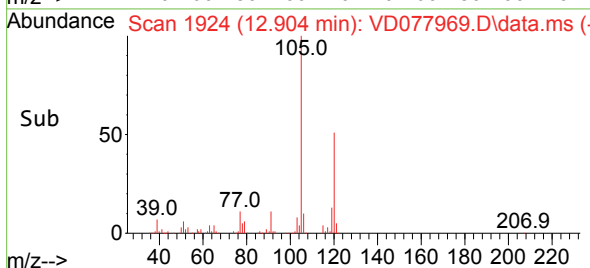
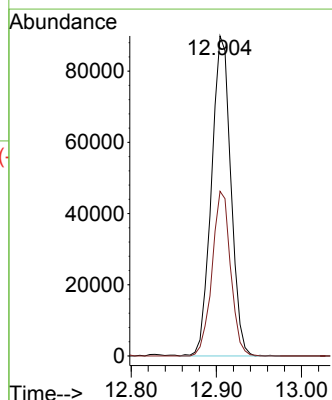
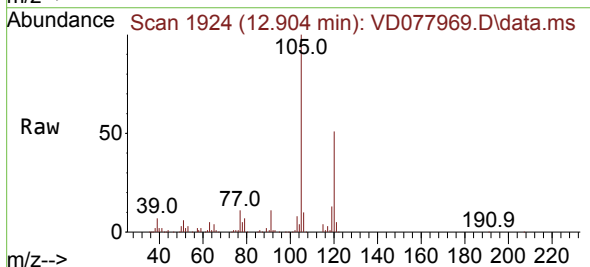
Acq: 19 Dec 2023 12:54

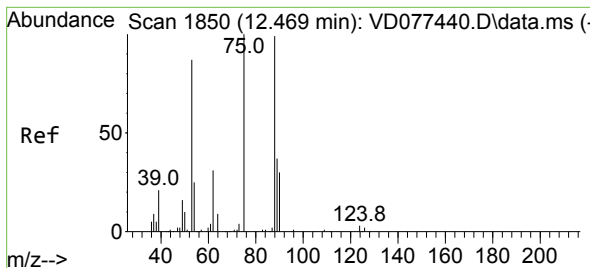
Tgt Ion: 105 Resp: 141901

Ion Ratio Lower Upper

105 100

120 49.2 26.4 79.2

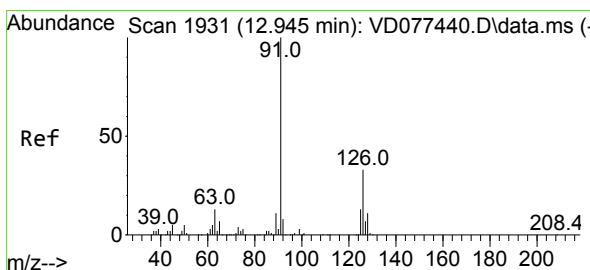
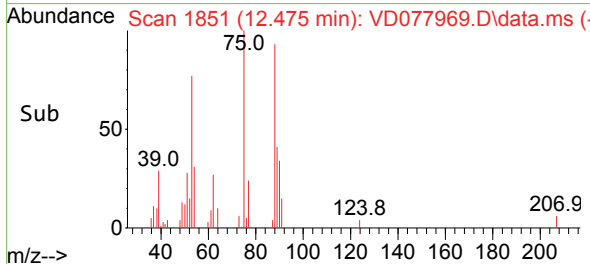
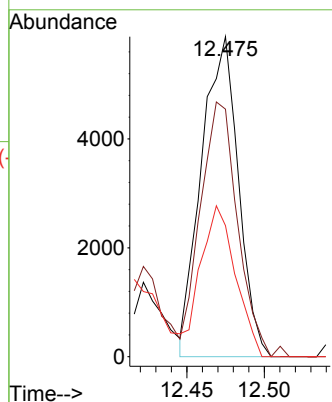
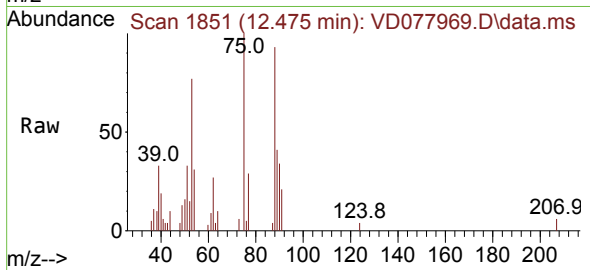




#81
trans-1,4-Dichloro-2-butene
Concen: 21.384 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

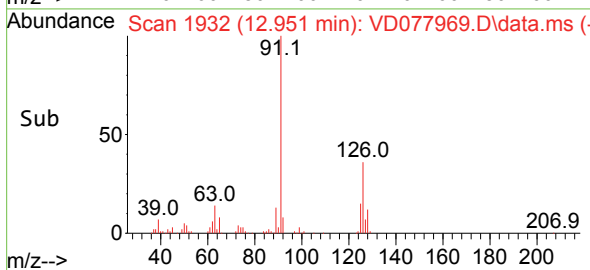
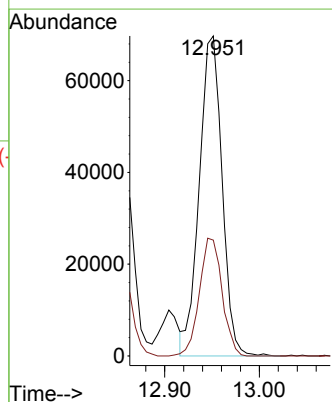
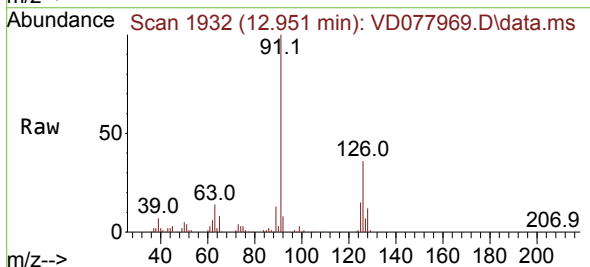
Instrument :
MSVOA_D
ClientSampleId :

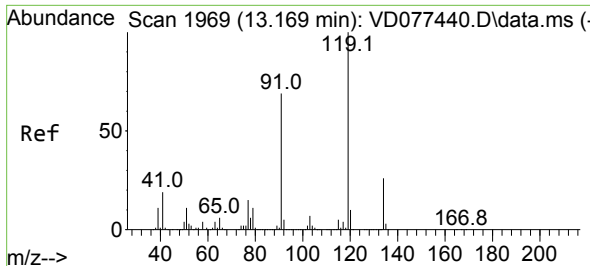
Tgt Ion: 75 Resp: 9724
Ion Ratio Lower Upper
75 100
53 80.7 63.0 94.4
89 44.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 21.199 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Tgt Ion: 91 Resp: 116359
Ion Ratio Lower Upper
91 100
126 36.7 19.4 58.4

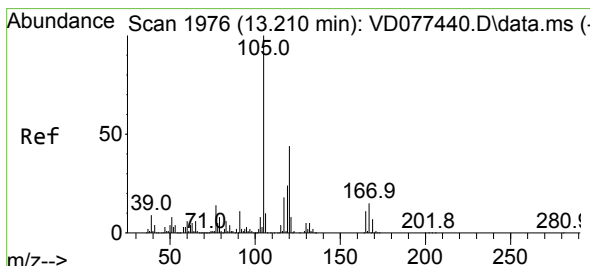
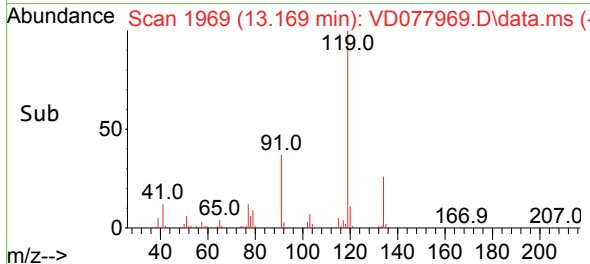
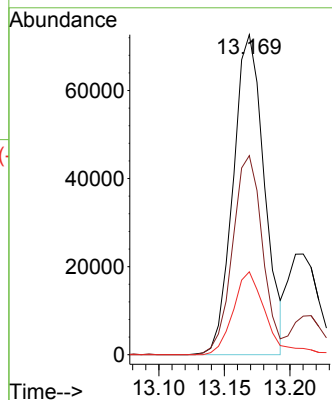
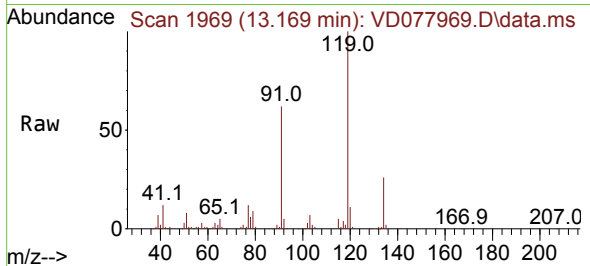




#83
tert-Butylbenzene
Concen: 21.279 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

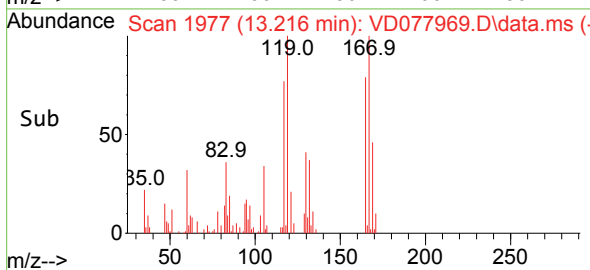
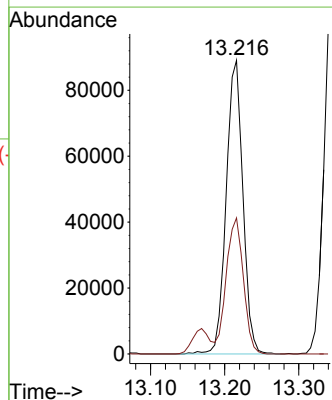
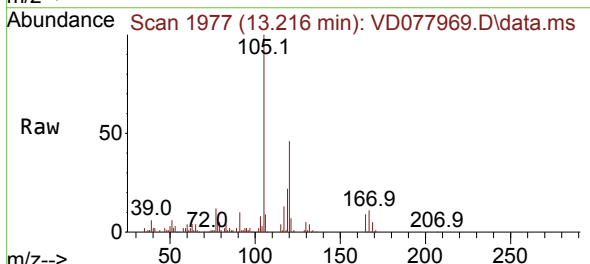
Instrument :
MSVOA_D
ClientSampleId :

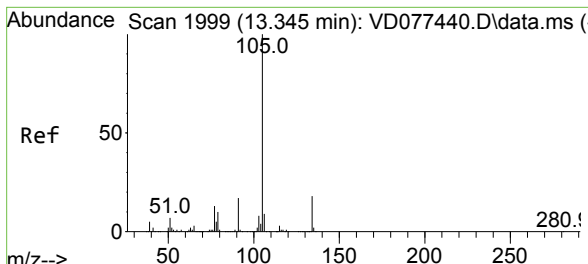
Tgt Ion:119 Resp: 120465
Ion Ratio Lower Upper
119 100
91 59.7 29.3 87.8
134 27.1 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 20.788 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Tgt Ion:105 Resp: 139426
Ion Ratio Lower Upper
105 100
120 47.4 24.3 72.9

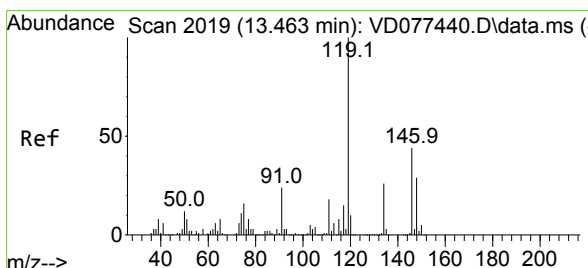
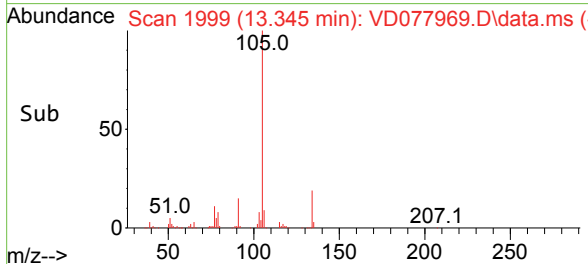
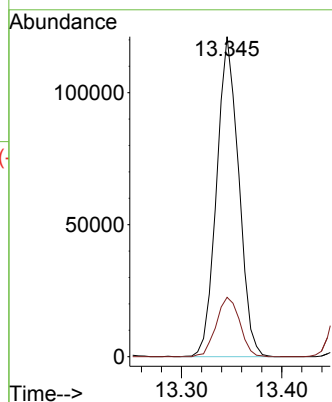
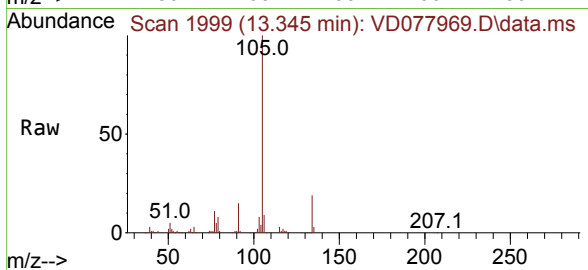




#85
 sec-Butylbenzene
 Concen: 22.059 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077969.D
 Acq: 19 Dec 2023 12:54

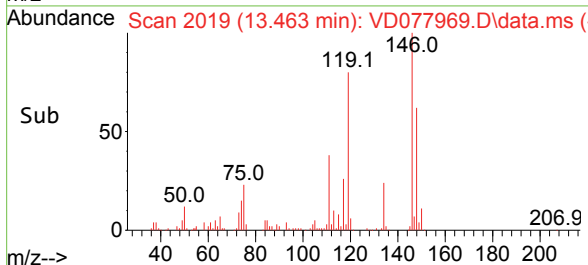
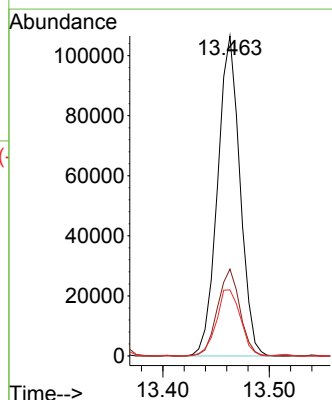
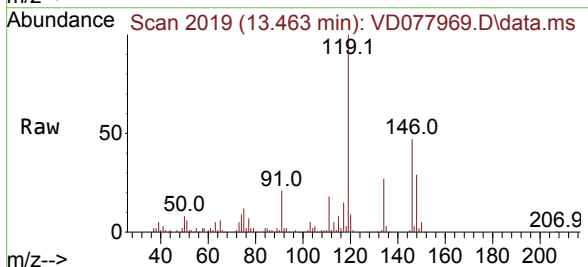
Instrument :
 MSVOA_D
 ClientSampleId :

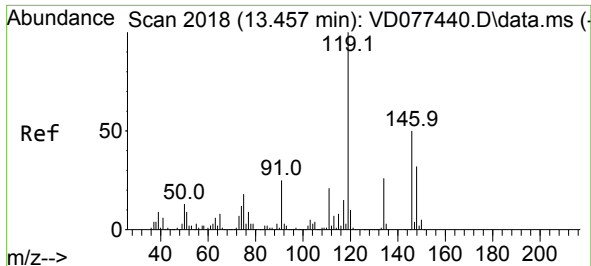
Tgt Ion:105 Resp: 184590
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.740 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077969.D
 Acq: 19 Dec 2023 12:54

Tgt Ion:119 Resp: 155384
 Ion Ratio Lower Upper
 119 100
 134 27.2 14.2 42.6
 91 22.4 10.5 31.5

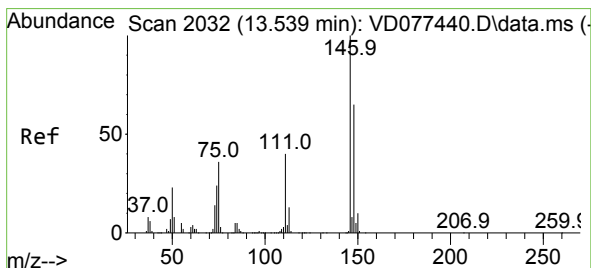
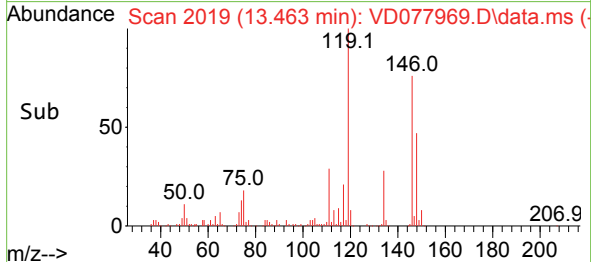
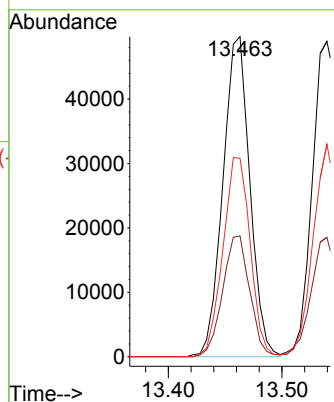
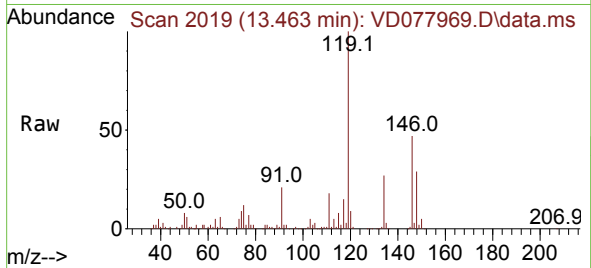




#87
 1,3-Dichlorobenzene
 Concen: 21.187 ug/l
 RT: 13.463 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: VD077969.D
 Acq: 19 Dec 2023 12:54

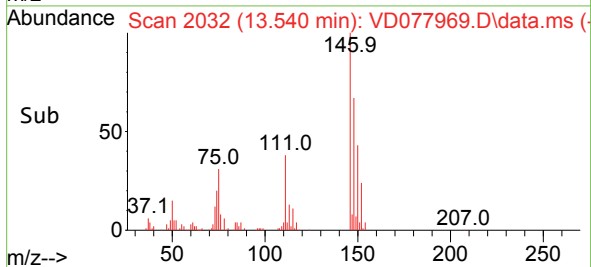
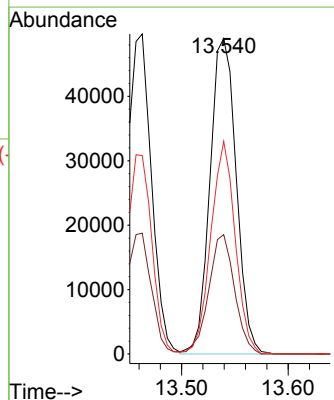
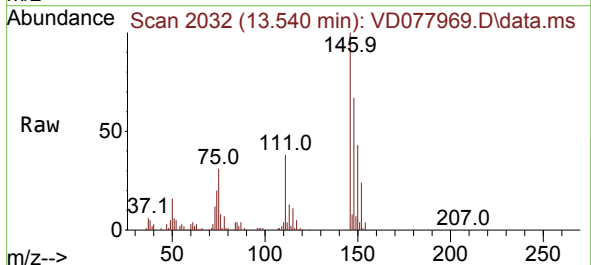
Instrument :
 MSVOA_D
 ClientSampleId :

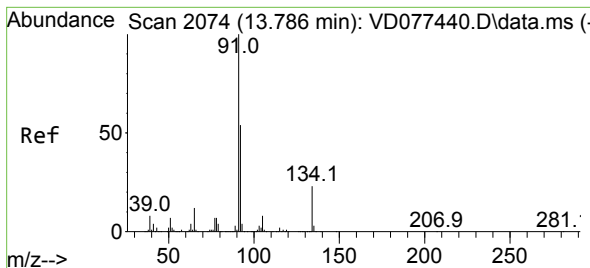
Tgt Ion:146 Resp: 81938
 Ion Ratio Lower Upper
 146 100
 111 37.8 17.9 53.8
 148 63.0 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 20.785 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.001 min
 Lab File: VD077969.D
 Acq: 19 Dec 2023 12:54

Tgt Ion:146 Resp: 83852
 Ion Ratio Lower Upper
 146 100
 111 37.2 17.4 52.3
 148 62.9 31.7 95.1





#89

n-Butylbenzene

Concen: 20.747 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.001 min

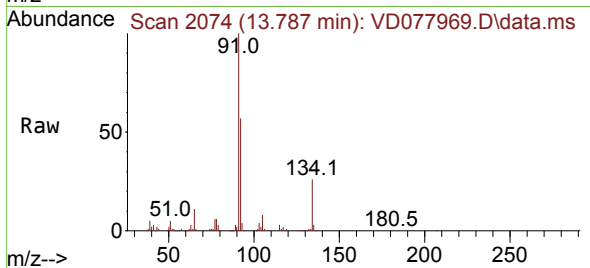
Lab File: VD077969.D

Acq: 19 Dec 2023 12:54

Instrument :

MSVOA_D

ClientSampleId :



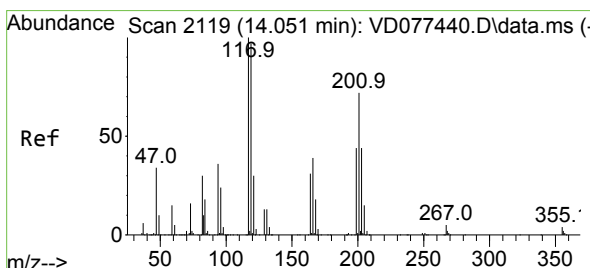
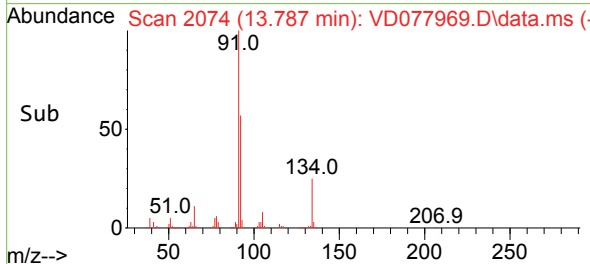
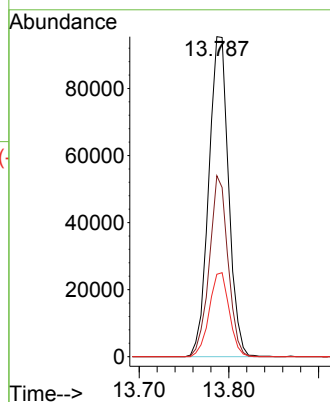
Tgt Ion: 91 Resp: 146260

Ion Ratio Lower Upper

91 100

92 53.1 26.5 79.5

134 26.5 13.8 41.3



#90

Hexachloroethane

Concen: 22.790 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD077969.D

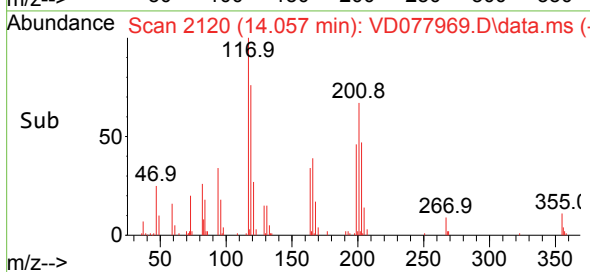
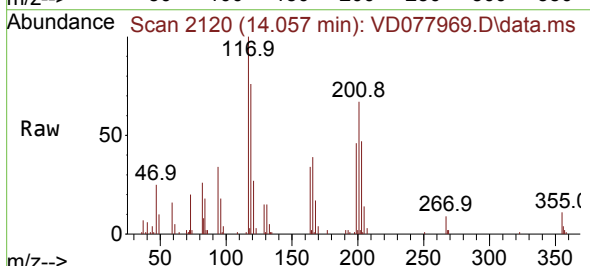
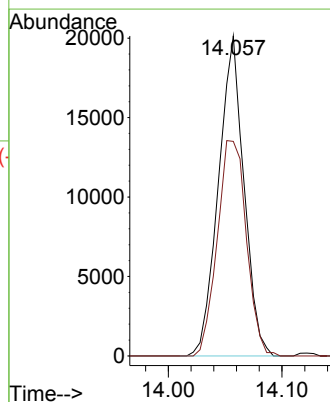
Acq: 19 Dec 2023 12:54

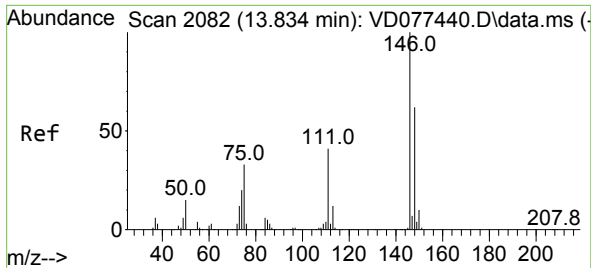
Tgt Ion: 117 Resp: 31401

Ion Ratio Lower Upper

117 100

201 76.7 38.5 115.5

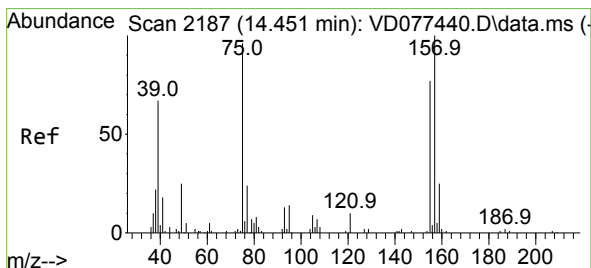
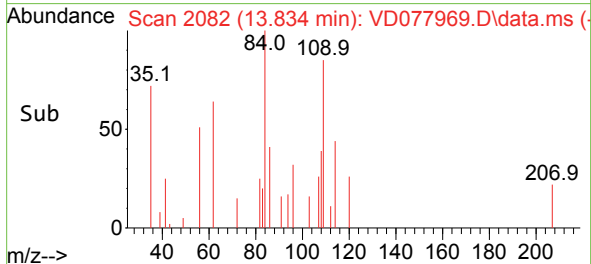
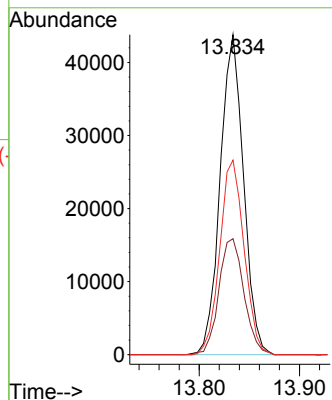
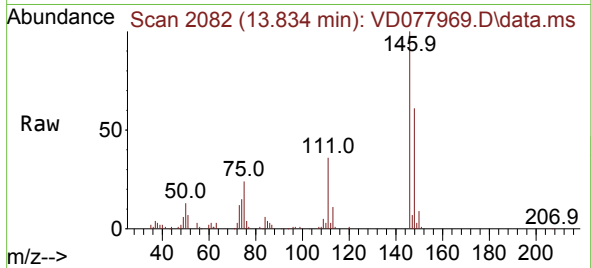




#91
1,2-Dichlorobenzene
Concen: 21.543 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

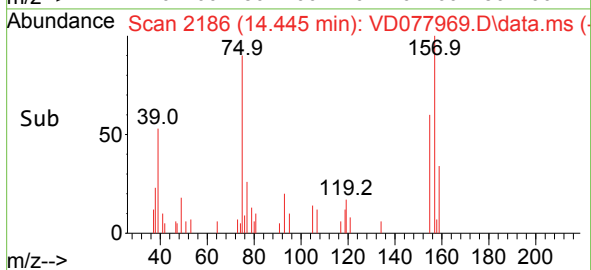
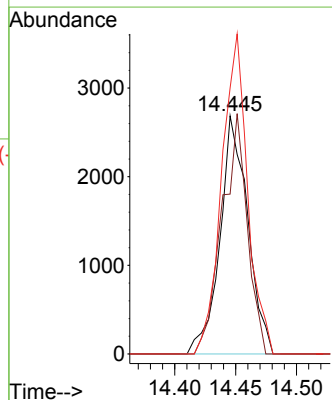
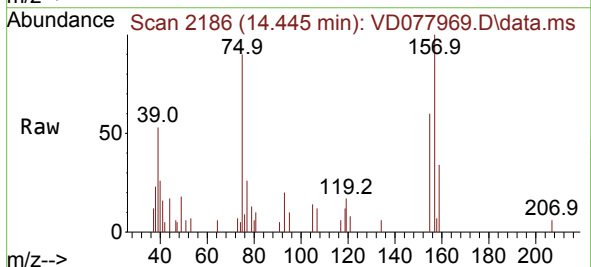
Instrument :
MSVOA_D
ClientSampleId :

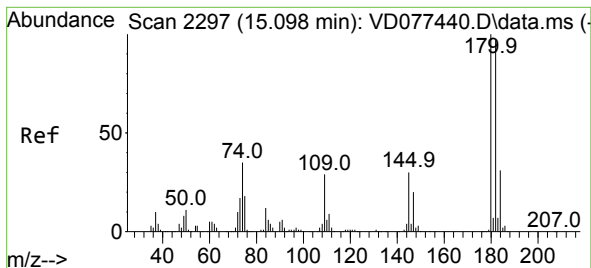
Tgt Ion:146 Resp: 70858
Ion Ratio Lower Upper
146 100
111 38.9 18.3 54.8
148 63.3 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.432 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Tgt Ion: 75 Resp: 4267
Ion Ratio Lower Upper
75 100
155 91.8 47.9 143.8
157 125.6 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 18.877 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD077969.D

Acq: 19 Dec 2023 12:54

Instrument :

MSVOA_D

ClientSampleId :

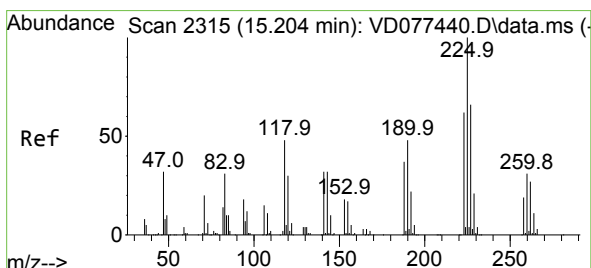
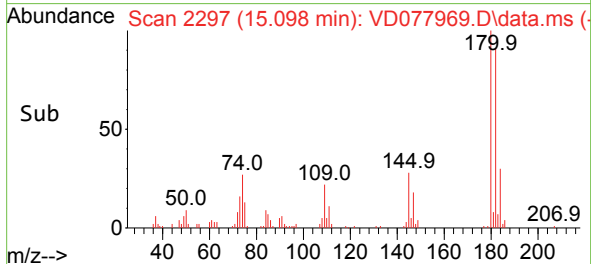
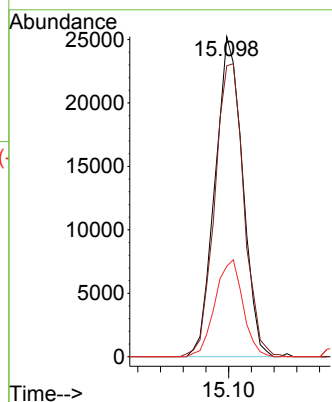
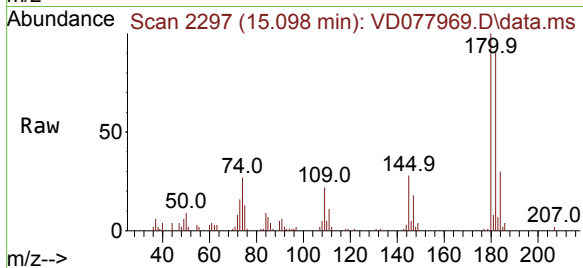
Tgt Ion:180 Resp: 42410

Ion Ratio Lower Upper

180 100

182 96.8 48.5 145.6

145 30.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.351 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077969.D

Acq: 19 Dec 2023 12:54

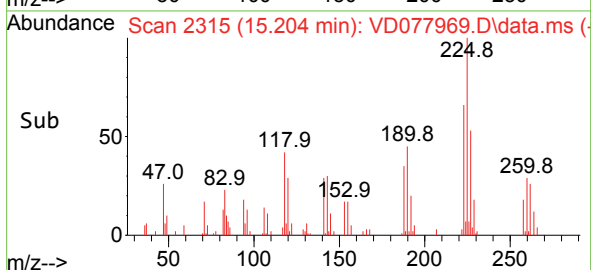
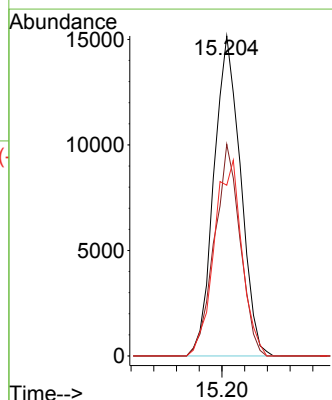
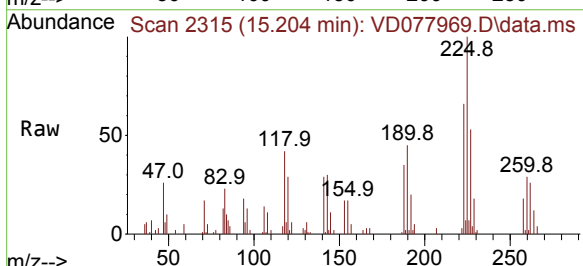
Tgt Ion:225 Resp: 24655

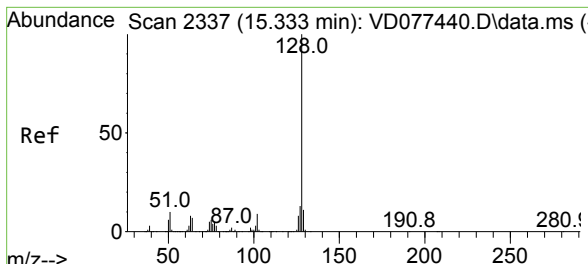
Ion Ratio Lower Upper

225 100

223 63.9 31.6 94.8

227 63.8 31.7 95.1

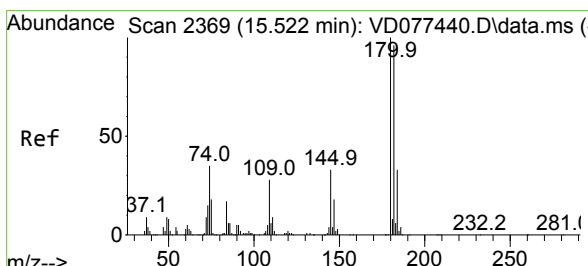
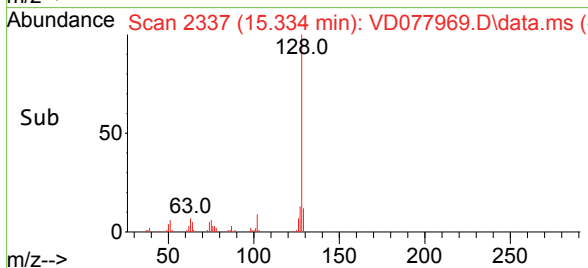
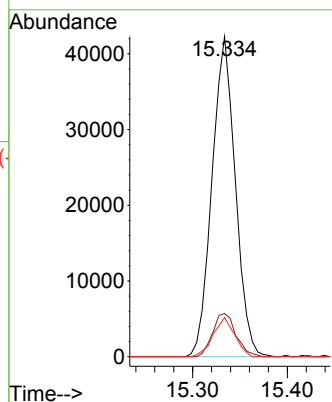
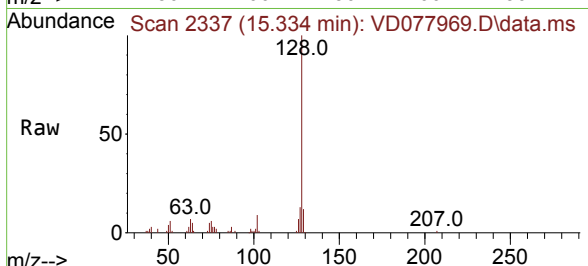




#95
Naphthalene
Concen: 19.376 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.001 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp:	72327
Ion Ratio	Lower	Upper
128	100	
127	13.5	10.5 15.7
129	12.2	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.007 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077969.D
Acq: 19 Dec 2023 12:54

Tgt Ion:180	Resp:	37056
Ion Ratio	Lower	Upper
180	100	
182	95.9	47.3 141.9
145	30.2	15.1 45.3

