

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121923\
 Data File : VD077966.D
 Acq On : 19 Dec 2023 11:25
 Operator : RP/MD
 Sample : VD1219SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 20 02:00:30 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	126930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	207752	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	190444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	98565	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	80817	54.033	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.060%	
35) Dibromofluoromethane	7.805	113	86409	59.378	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.760%	
50) Toluene-d8	10.269	98	341649	58.618	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 117.240%	
62) 4-Bromofluorobenzene	12.575	95	100051	57.417	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	32175	20.293	ug/l	98
3) Chloromethane	2.152	50	43105	19.945	ug/l	96
4) Vinyl Chloride	2.293	62	61248	20.875	ug/l	99
5) Bromomethane	2.693	94	44081	26.775	ug/l	100
6) Chloroethane	2.846	64	43147	21.570	ug/l	96
7) Trichlorofluoromethane	3.181	101	56193	20.795	ug/l	97
8) Diethyl Ether	3.593	74	14358	18.922	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.970	101	32207	20.834	ug/l	95
10) Methyl Iodide	4.170	142	27335	24.197	ug/l	91
11) Tert butyl alcohol	5.040	59	2975	31.450	ug/l	96
12) 1,1-Dichloroethene	3.946	96	30869	20.232	ug/l	85
13) Acrolein	3.805	56	11015	69.620	ug/l	92
14) Allyl chloride	4.564	41	37168	17.712	ug/l	90
15) Acrylonitrile	5.258	53	30515	93.928	ug/l	96
16) Acetone	4.028	43	43213	116.883	ug/l #	78
17) Carbon Disulfide	4.281	76	84911	16.450	ug/l	97
18) Methyl Acetate	4.564	43	22034	18.706	ug/l	93
19) Methyl tert-butyl Ether	5.322	73	64723	19.994	ug/l	99
20) Methylene Chloride	4.811	84	40224	19.781	ug/l	92
21) trans-1,2-Dichloroethene	5.316	96	33615	19.451	ug/l	84
22) Diisopropyl ether	6.216	45	81892	18.675	ug/l	93
23) Vinyl Acetate	6.158	43	193261	90.249	ug/l	95
24) 1,1-Dichloroethane	6.122	63	60320	20.312	ug/l	94
25) 2-Butanone	7.087	43	47807	107.733	ug/l	98
26) 2,2-Dichloropropane	7.081	77	52927	21.228	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	38234	20.561	ug/l	90
28) Bromochloromethane	7.428	49	24000	20.001	ug/l	82
29) Tetrahydrofuran	7.452	42	21076	88.490	ug/l	89
30) Chloroform	7.599	83	62800	21.130	ug/l	95
31) Cyclohexane	7.875	56	48247	18.136	ug/l	92
32) 1,1,1-Trichloroethane	7.805	97	55163	21.054	ug/l	98
36) 1,1-Dichloropropene	8.010	75	47509	20.410	ug/l	96
37) Ethyl Acetate	7.169	43	14748	16.249	ug/l	99
38) Carbon Tetrachloride	7.999	117	48786	21.023	ug/l #	95
39) Methylcyclohexane	9.275	83	52333	18.965	ug/l	95
40) Benzene	8.258	78	136227	20.620	ug/l	98

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Instrument :
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 ClientSampleId :

Quant Time: Dec 20 02:00:30 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)
41) Methacrylonitrile	7.405	41	7812	16.934	ug/l #	82
42) 1,2-Dichloroethane	8.328	62	36250	21.168	ug/l	95
43) Isopropyl Acetate	8.363	43	30133	18.676	ug/l	96
44) Trichloroethene	9.034	130	37090	21.543	ug/l	94
45) 1,2-Dichloropropane	9.310	63	33195	20.669	ug/l	96
46) Dibromomethane	9.393	93	17969	21.146	ug/l	93
47) Bromodichloromethane	9.587	83	47742	22.165	ug/l	99
48) Methyl methacrylate	9.381	41	17125	18.672	ug/l #	84
49) 1,4-Dioxane	9.387	88	3563	422.256	ug/l #	83
51) 4-Methyl-2-Pentanone	10.163	43	78474	95.301	ug/l	91
52) Toluene	10.340	92	86721	21.161	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	41759	20.189	ug/l	98
54) cis-1,3-Dichloropropene	10.022	75	52450	20.974	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	25881	22.266	ug/l	97
56) Ethyl methacrylate	10.599	69	19956	19.476	ug/l #	86
57) 1,3-Dichloropropane	10.887	76	42478	21.201	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.875	63	39257	67.182	ug/l	94
59) 2-Hexanone	10.922	43	67649	99.024	ug/l	90
60) Dibromochloromethane	11.075	129	30946	22.113	ug/l	100
61) 1,2-Dibromoethane	11.181	107	23286	21.282	ug/l	99
64) Tetrachloroethene	10.810	164	28653	20.470	ug/l	84
65) Chlorobenzene	11.610	112	91373	19.209	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	33372	21.073	ug/l	98
67) Ethyl Benzene	11.687	91	164315	20.724	ug/l	94
68) m/p-Xylenes	11.799	106	124693	41.115	ug/l	89
69) o-Xylene	12.122	106	59001	21.109	ug/l	97
70) Styrene	12.140	104	88276	21.240	ug/l	96
71) Bromoform	12.298	173	18524	22.386	ug/l #	96
73) Isopropylbenzene	12.422	105	157646	21.103	ug/l	96
74) N-amyl acetate	12.240	43	26656	18.152	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	27833	21.368	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	34055	39.782	ug/l #	100
77) Bromobenzene	12.704	156	35455	20.178	ug/l	89
78) n-propylbenzene	12.763	91	193382	21.244	ug/l	96
79) 2-Chlorotoluene	12.851	91	102928	21.099	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	130645	20.968	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.475	75	8652	20.477	ug/l	97
82) 4-Chlorotoluene	12.951	91	107580	21.095	ug/l	97
83) tert-Butylbenzene	13.169	119	112474	21.383	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	131090	21.036	ug/l	97
85) sec-Butylbenzene	13.345	105	171480	22.055	ug/l	96
86) p-Isopropyltoluene	13.463	119	147531	21.193	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	74437	20.716	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	77225	20.587	ug/l	98
89) n-Butylbenzene	13.793	91	141731	21.637	ug/l	97
90) Hexachloroethane	14.057	117	28871	22.552	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	64965	21.258	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.457	75	4023	20.748	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	40952	19.618	ug/l	97
94) Hexachlorobutadiene	15.210	225	22683	20.151	ug/l	98
95) Naphthalene	15.334	128	67564	19.481	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	33889	19.693	ug/l	99

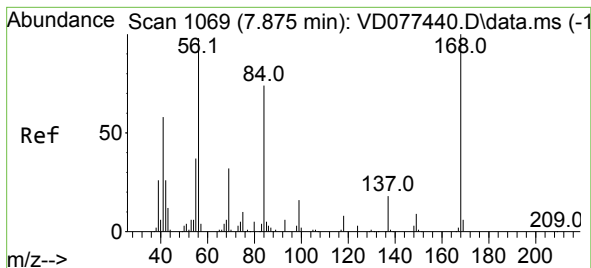
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Operator : RP/MD
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ALS Vial : 5 Sample Multiplier: 1

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

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD077966.D

Acq: 19 Dec 2023 11:25

Instrument :

MSVOA_D

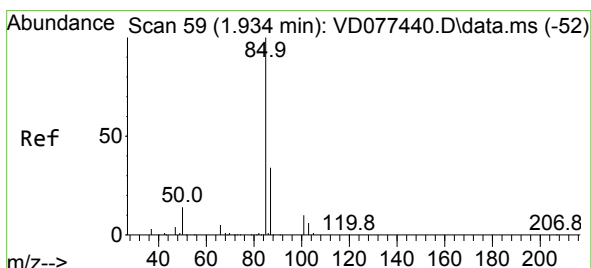
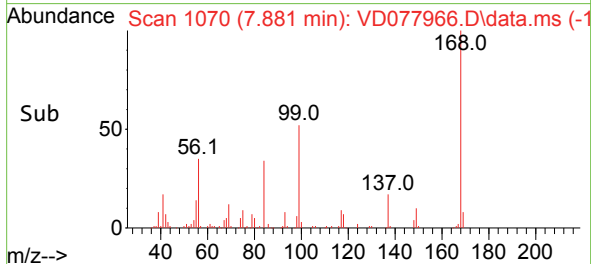
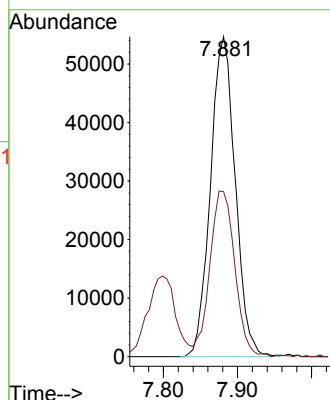
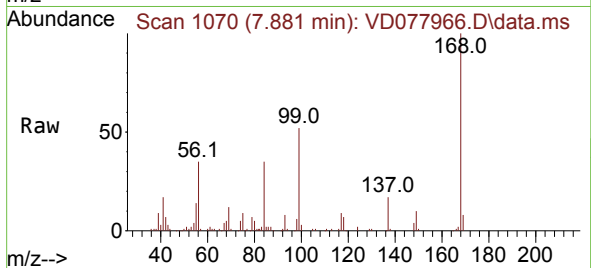
ClientSampleId :

Tgt Ion:168 Resp: 126930

Ion Ratio Lower Upper

168 100

99 51.3 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 20.293 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077966.D

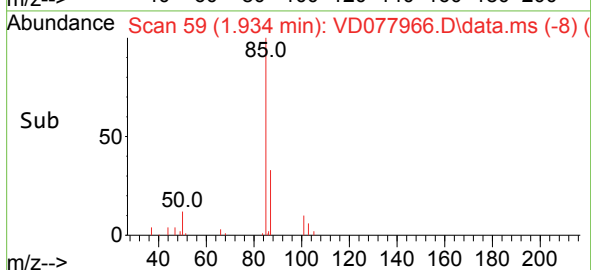
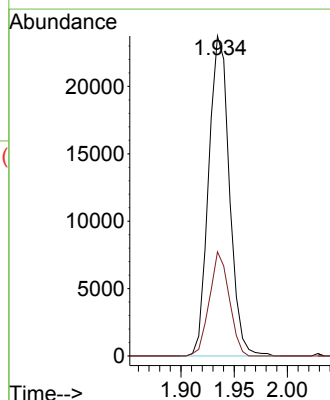
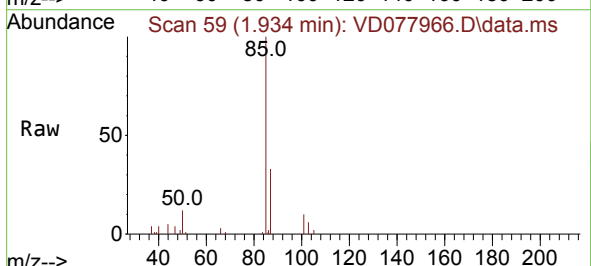
Acq: 19 Dec 2023 11:25

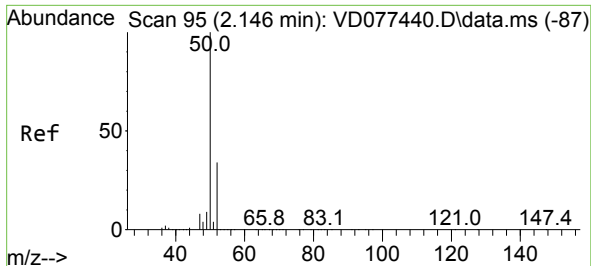
Tgt Ion: 85 Resp: 32175

Ion Ratio Lower Upper

85 100

87 32.5 15.7 47.0

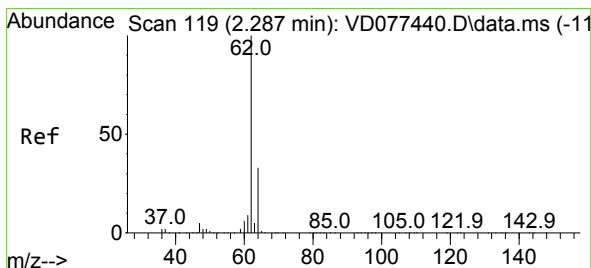
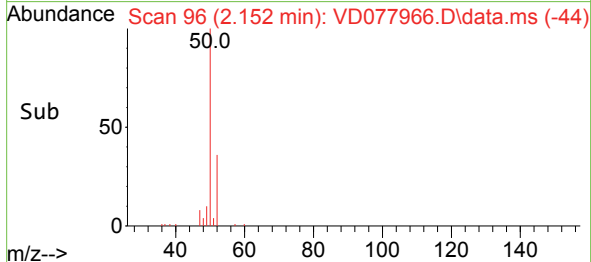
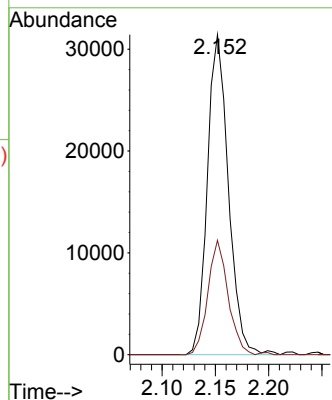
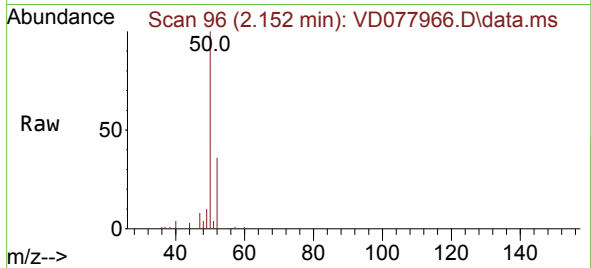




#3
Chloromethane
Concen: 19.945 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

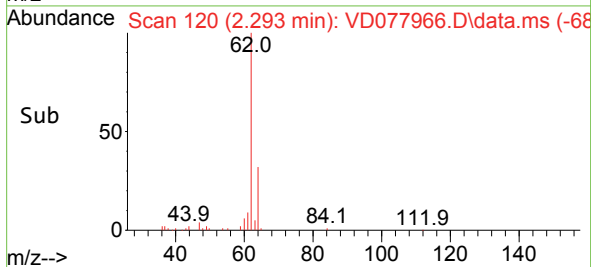
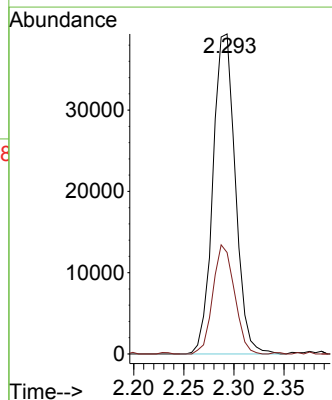
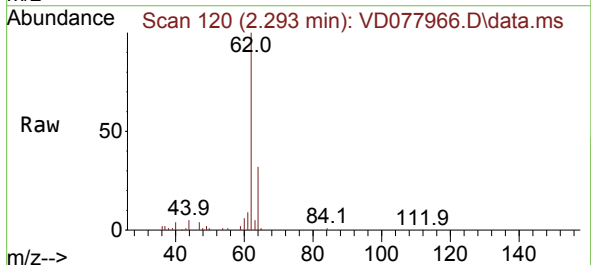
Instrument :
MSVOA_D
ClientSampleId :

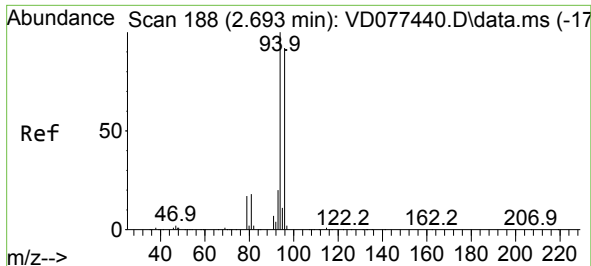
Tgt Ion: 50 Resp: 43105
Ion Ratio Lower Upper
50 100
52 35.8 26.6 40.0



#4
Vinyl Chloride
Concen: 20.875 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

Tgt Ion: 62 Resp: 61248
Ion Ratio Lower Upper
62 100
64 31.7 26.0 39.0

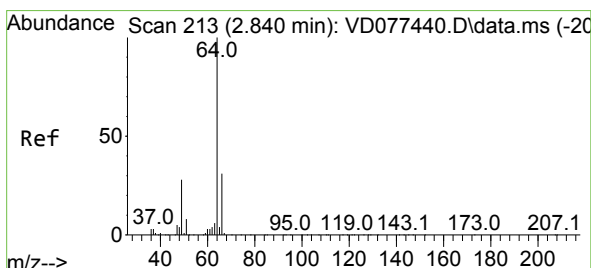
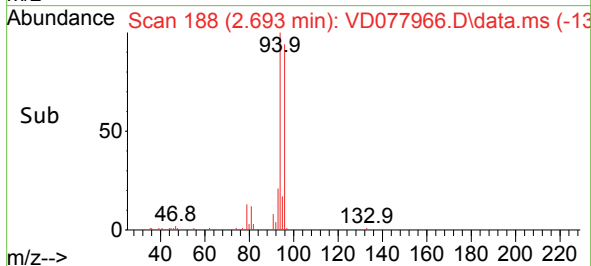
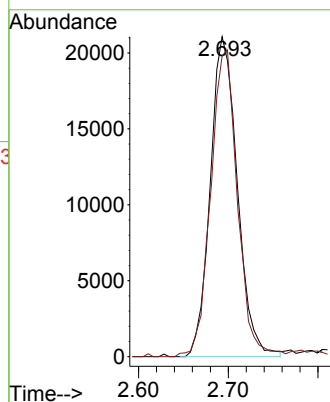
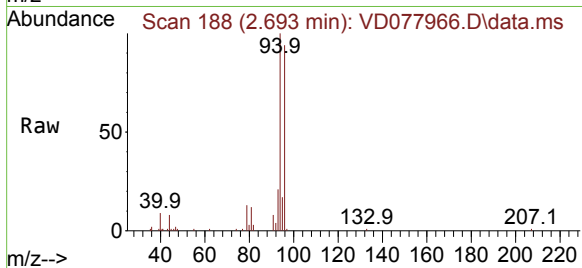




#5
Bromomethane
Concen: 26.775 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

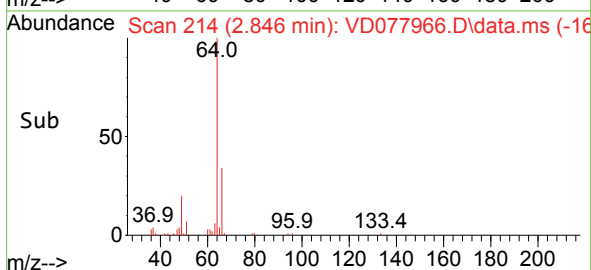
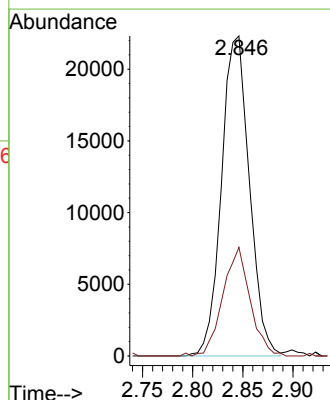
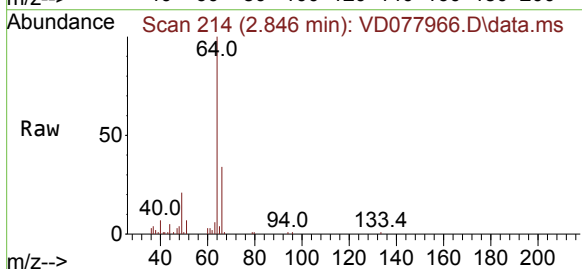
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MSVOA_D
ClientSampleId :

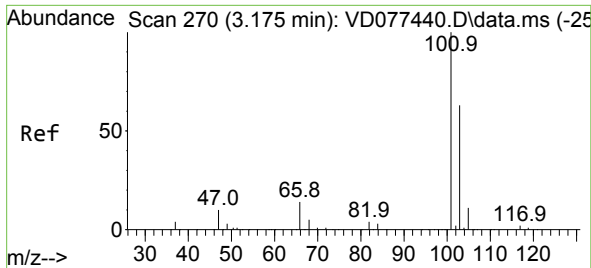
Tgt Ion: 94 Resp: 44081
Ion Ratio Lower Upper
94 100
96 95.0 75.8 113.8



#6
Chloroethane
Concen: 21.570 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

Tgt Ion: 64 Resp: 43147
Ion Ratio Lower Upper
64 100
66 34.0 25.5 38.3

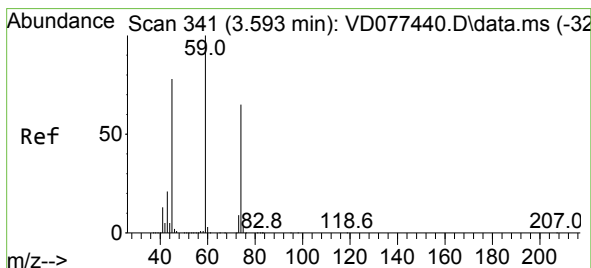
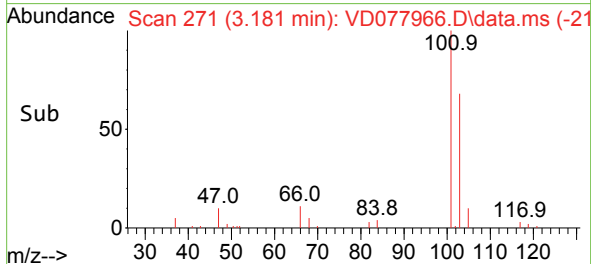
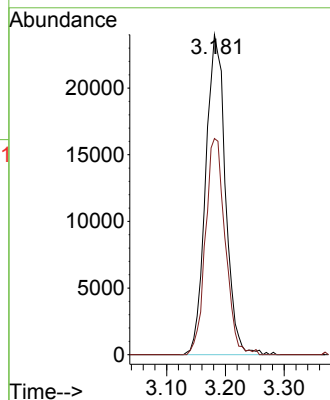
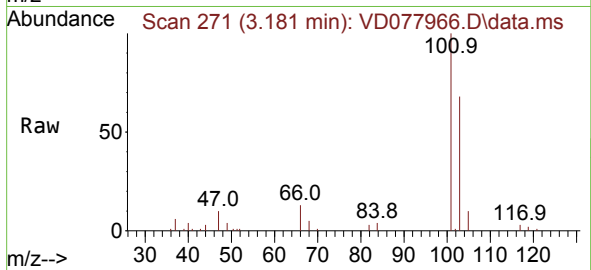




#7
 Trichlorofluoromethane
 Concen: 20.795 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD077966.D
 Acq: 19 Dec 2023 11:25

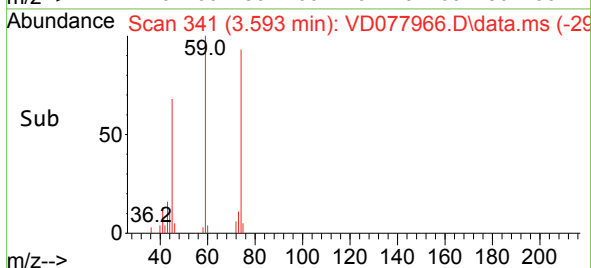
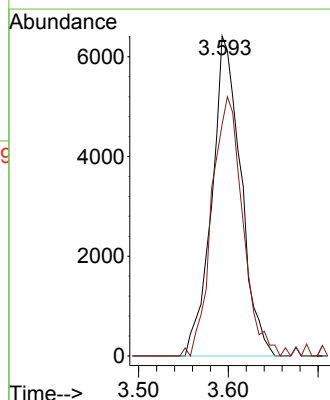
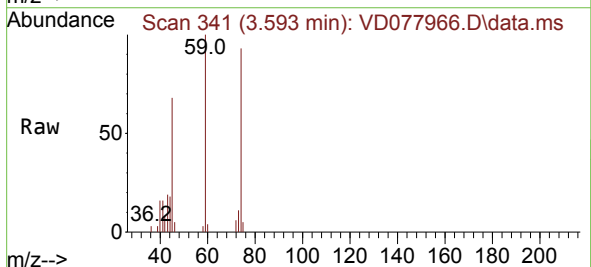
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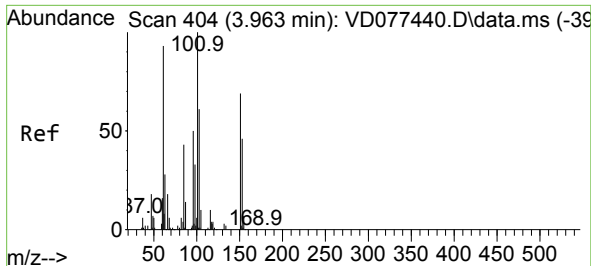
Tgt Ion:101 Resp: 56193
 Ion Ratio Lower Upper
 101 100
 103 67.6 52.3 78.5



#8
 Diethyl Ether
 Concen: 18.922 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD077966.D
 Acq: 19 Dec 2023 11:25

Tgt Ion: 74 Resp: 14358
 Ion Ratio Lower Upper
 74 100
 45 86.3 37.5 112.7

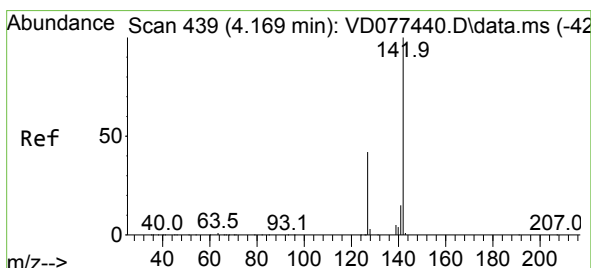
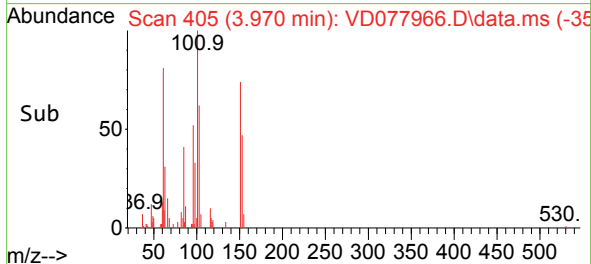
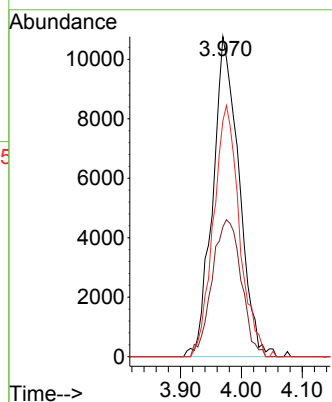
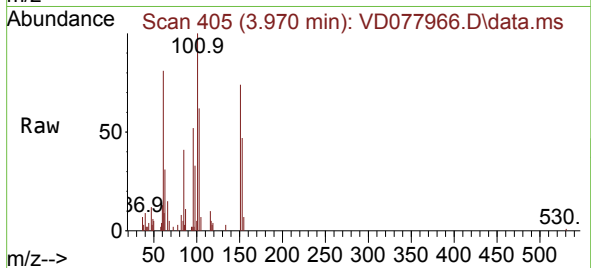




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.834 ug/l
RT: 3.970 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD077966.D
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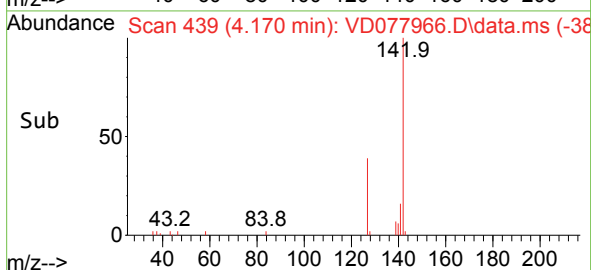
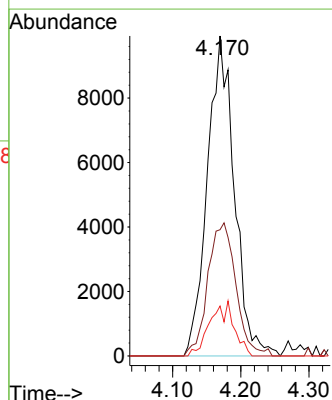
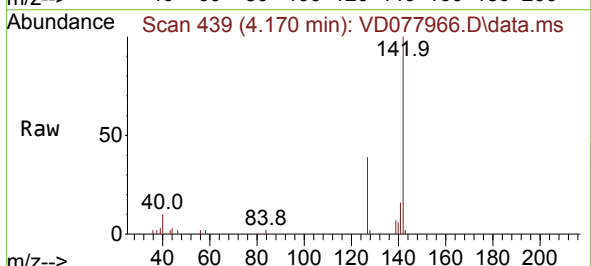
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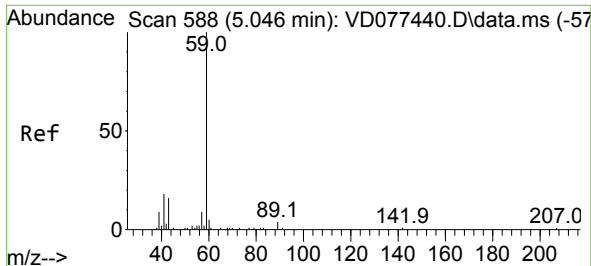
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Ion Ratio Lower Upper
101 100
85 47.6 33.8 50.6
151 77.4 59.8 89.6



#10
Methyl Iodide
Concen: 24.197 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.001 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

Tgt Ion:142 Resp: 27335
Ion Ratio Lower Upper
142 100
127 43.3 29.4 44.0
141 15.2 11.1 16.7

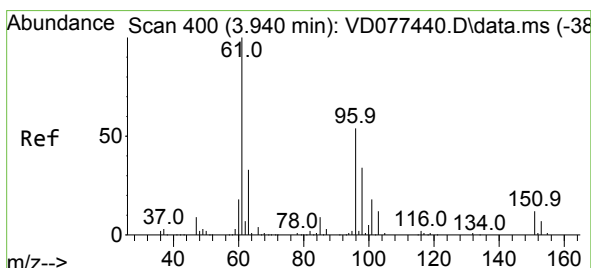
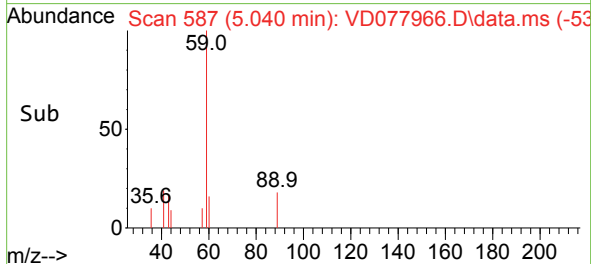
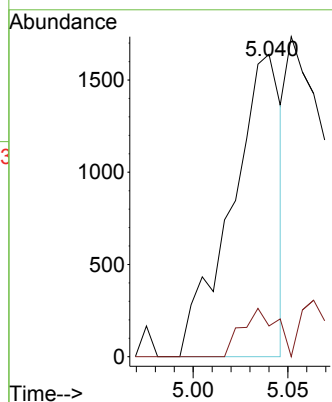
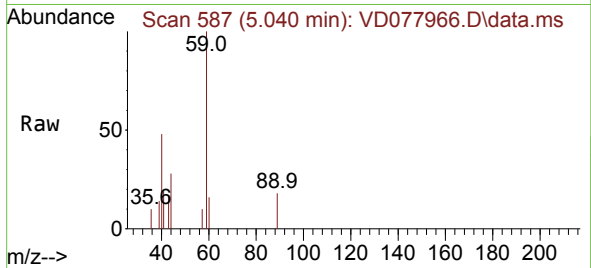




#11
Tert butyl alcohol
Concen: 31.450 ug/l
RT: 5.040 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

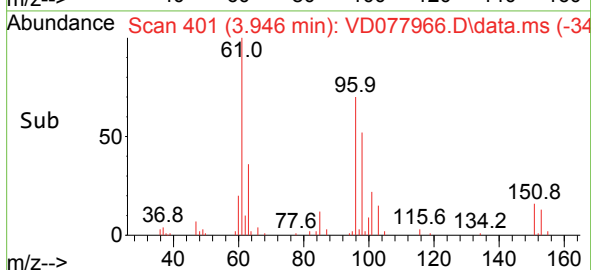
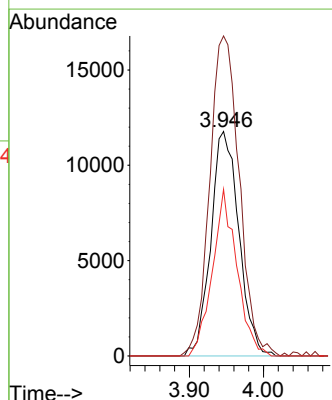
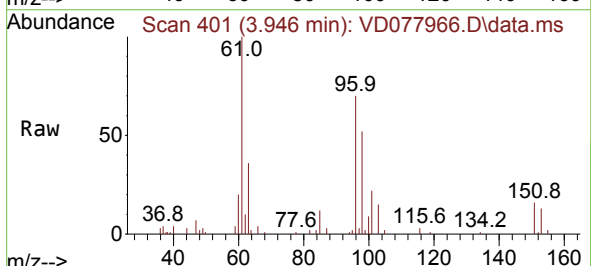
Instrument :
MSVOA_D
ClientSampleId :

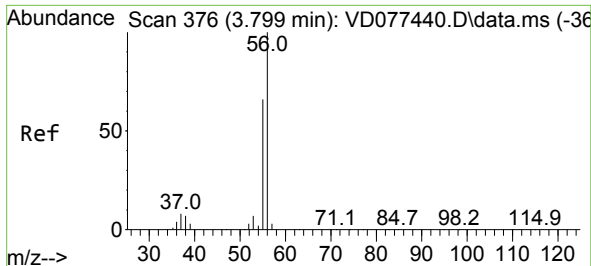
Tgt Ion: 59 Resp: 2975
Ion Ratio Lower Upper
59 100
57 11.3 7.8 11.8



#12
1,1-Dichloroethene
Concen: 20.232 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

Tgt Ion: 96 Resp: 30869
Ion Ratio Lower Upper
96 100
61 142.6 100.6 150.8
98 74.2 50.2 75.2

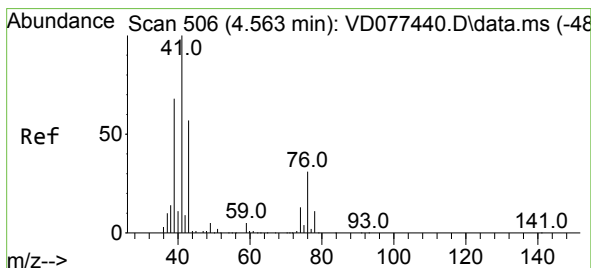
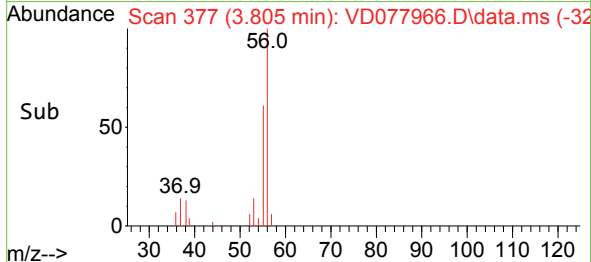
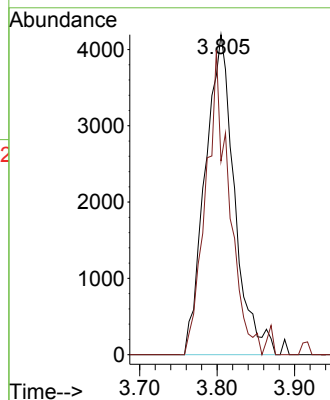
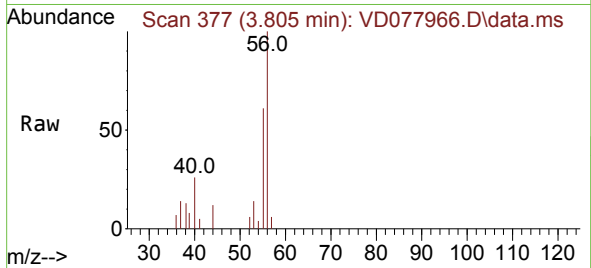




#13
Acrolein
Concen: 69.620 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

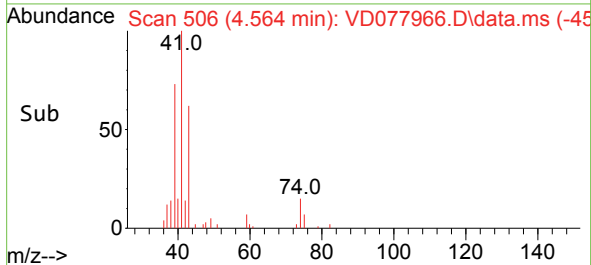
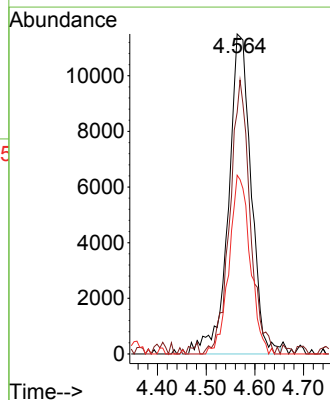
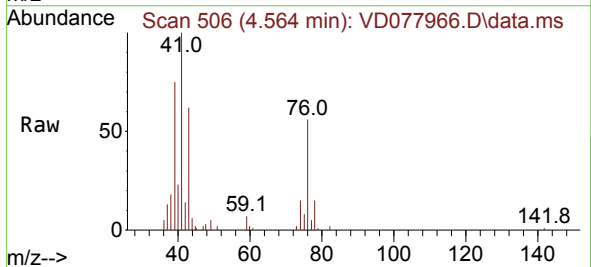
Instrument :
MSVOA_D
ClientSampleId :

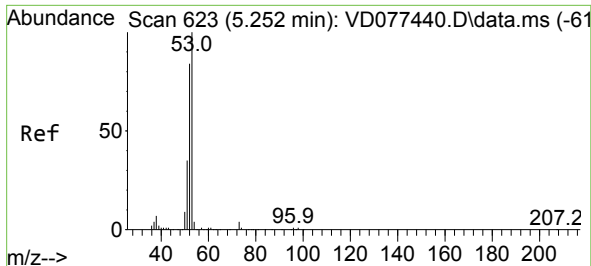
Tgt Ion: 56 Resp: 11015
Ion Ratio Lower Upper
56 100
55 75.7 55.1 82.7



#14
Allyl chloride
Concen: 17.712 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

Tgt Ion: 41 Resp: 37168
Ion Ratio Lower Upper
41 100
39 76.5 53.8 80.6
76 52.0 45.8 68.8

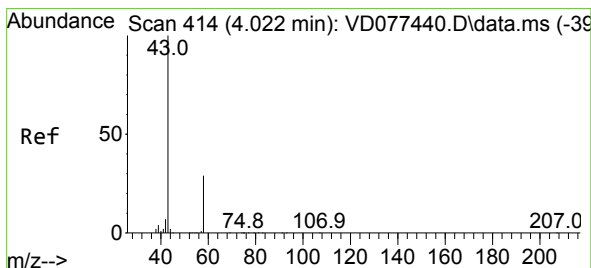
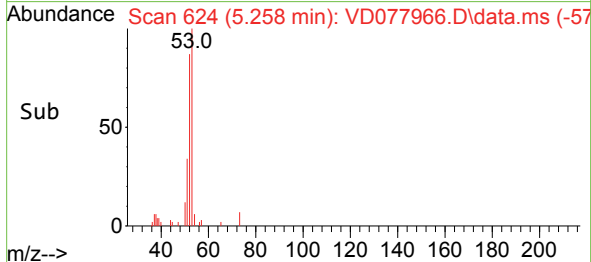
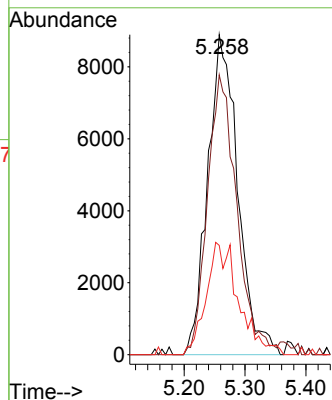
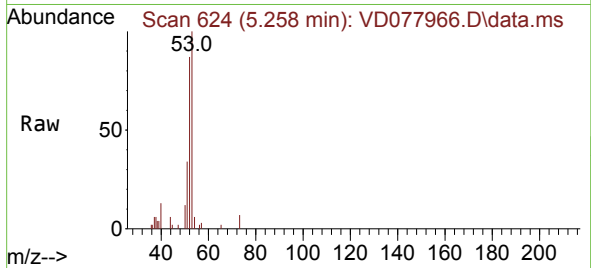




#15
Acrylonitrile
Concen: 93.928 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

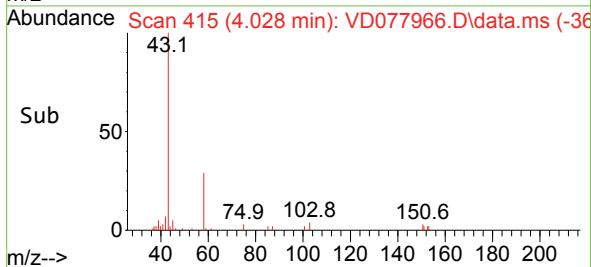
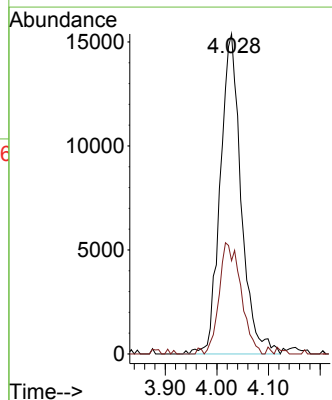
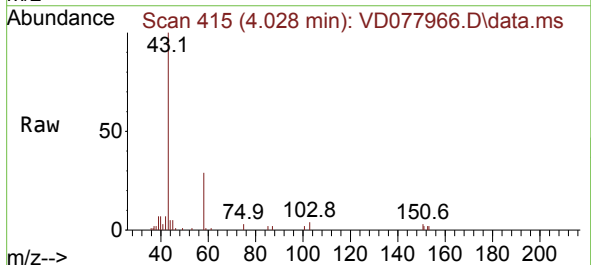
Instrument :
MSVOA_D
ClientSampleId :

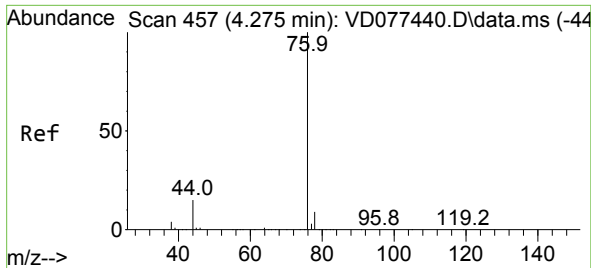
Tgt Ion: 53 Resp: 30515
Ion Ratio Lower Upper
53 100
52 85.1 65.0 97.4
51 37.8 28.3 42.5



#16
Acetone
Concen: 116.883 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

Tgt Ion: 43 Resp: 43213
Ion Ratio Lower Upper
43 100
58 29.1 34.7 52.1#





#17

Carbon Disulfide

Concen: 16.450 ug/l

RT: 4.281 min Scan# 4

Delta R.T. 0.006 min

Lab File: VD077966.D

Acq: 19 Dec 2023 11:25

Instrument :

MSVOA_D

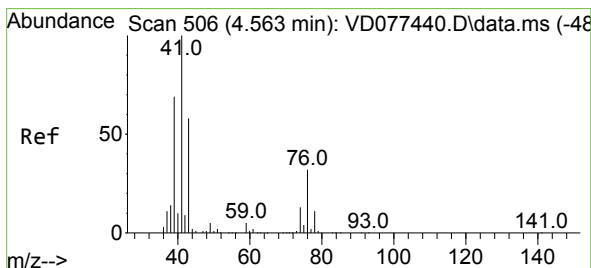
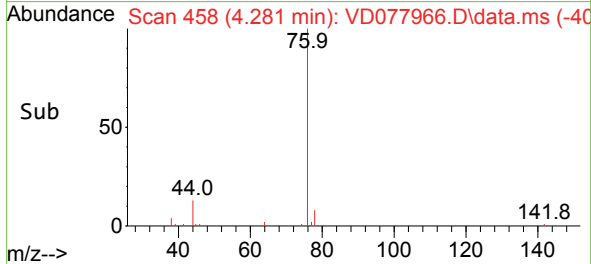
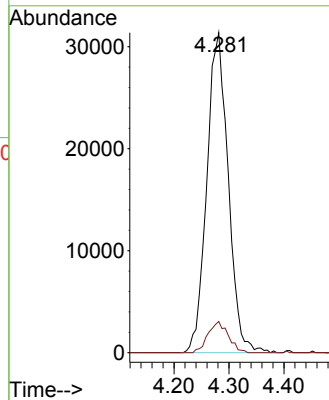
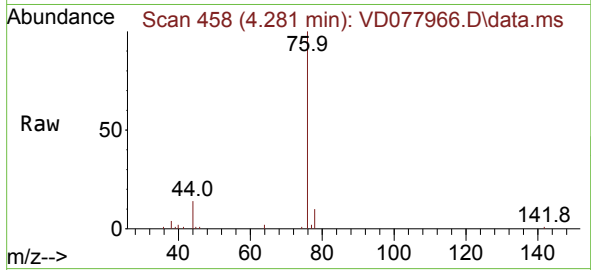
ClientSampleId :

Tgt Ion: 76 Resp: 84911

Ion Ratio Lower Upper

76 100

78 9.7 6.8 10.2



#18

Methyl Acetate

Concen: 18.706 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.001 min

Lab File: VD077966.D

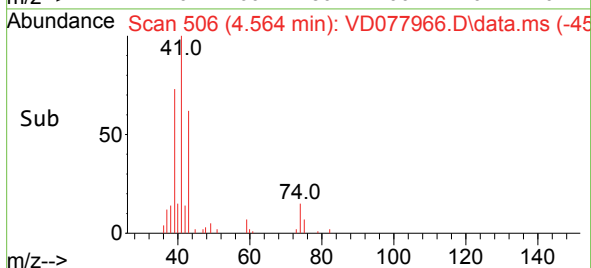
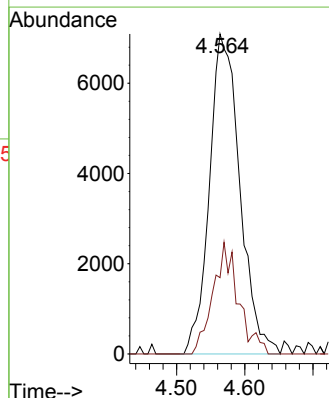
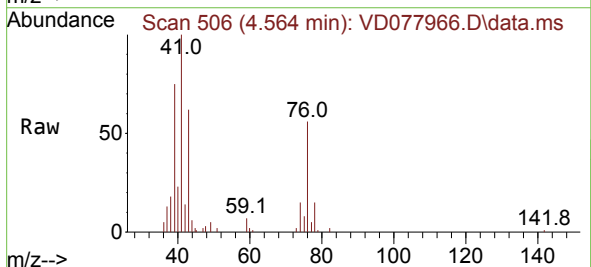
Acq: 19 Dec 2023 11:25

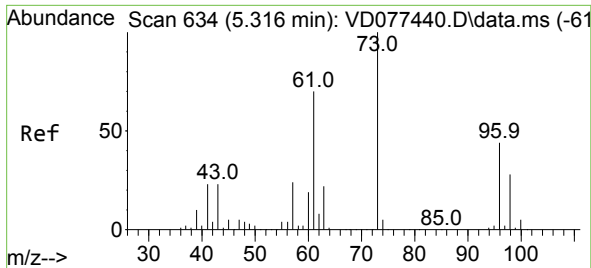
Tgt Ion: 43 Resp: 22034

Ion Ratio Lower Upper

43 100

74 29.0 26.4 39.6

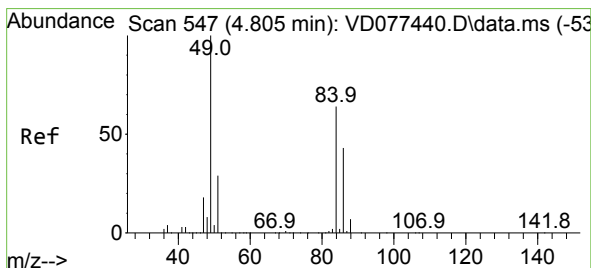
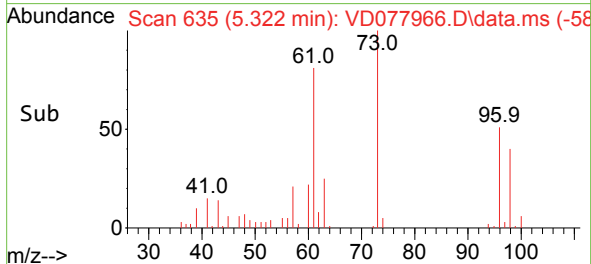
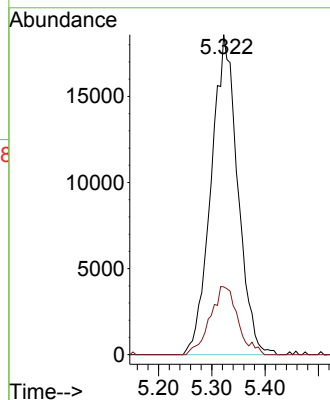
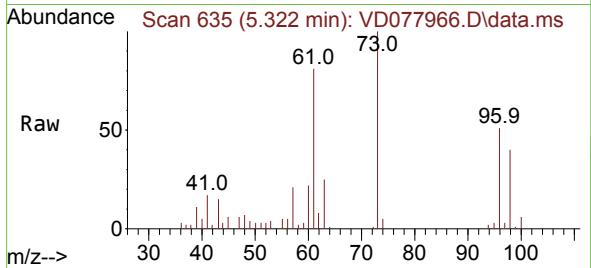




#19
Methyl tert-butyl Ether
Concen: 19.994 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

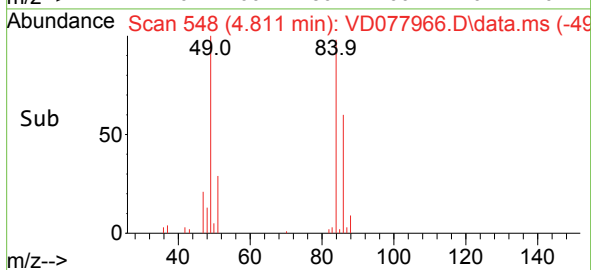
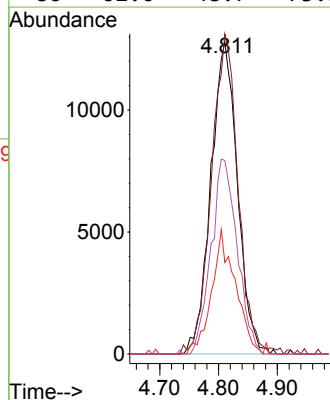
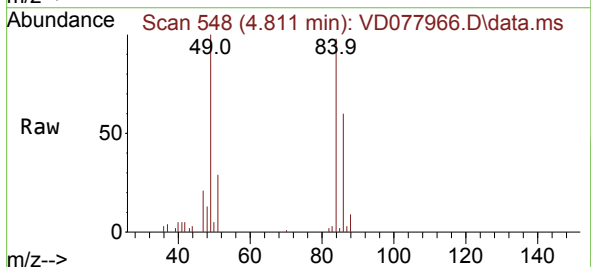
Instrument :
MSVOA_D
ClientSampleId :

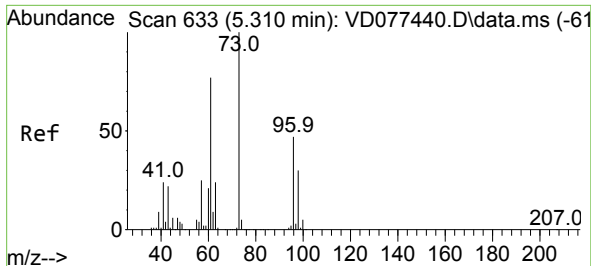
Tgt Ion: 73 Resp: 64723
Ion Ratio Lower Upper
73 100
57 21.2 16.6 25.0



#20
Methylene Chloride
Concen: 19.781 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

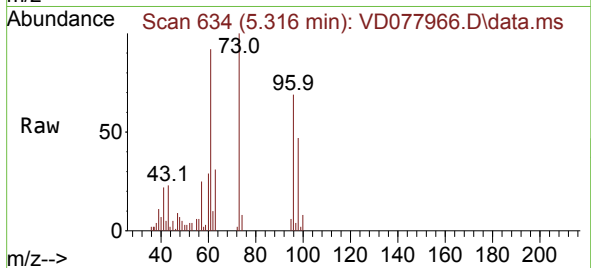
Tgt Ion: 84 Resp: 40224
Ion Ratio Lower Upper
84 100
49 102.5 71.4 107.2
51 29.3 24.5 36.7
86 62.0 48.7 73.1



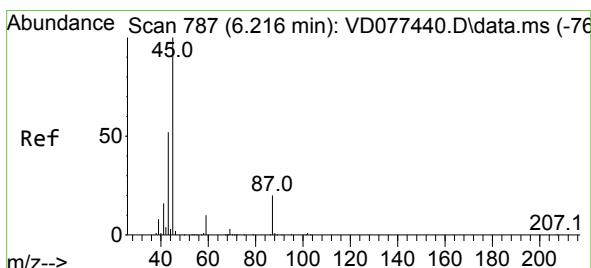
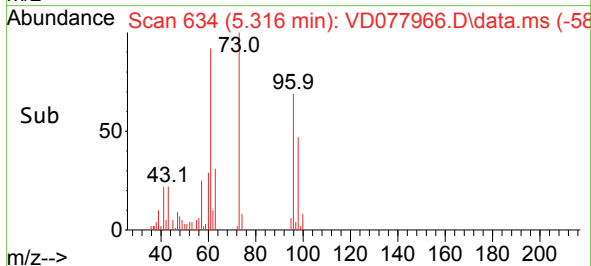
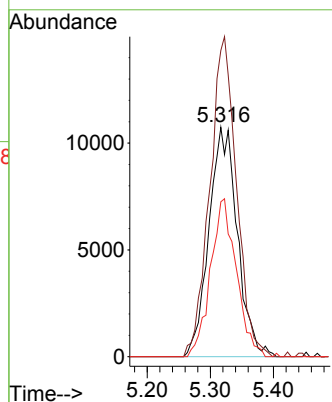


#21
trans-1,2-Dichloroethene
Concen: 19.451 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

Instrument :
MSVOA_D
ClientSampleId :

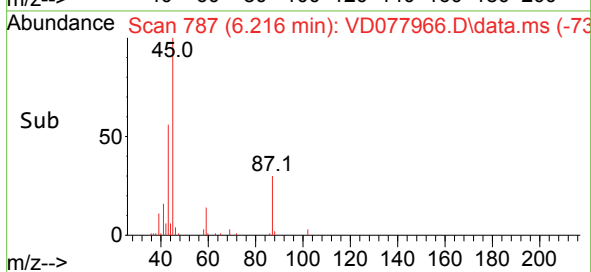
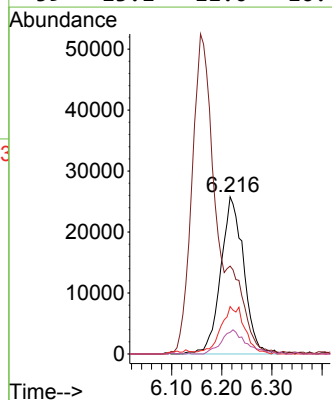
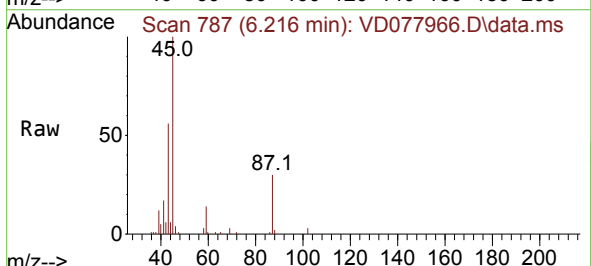


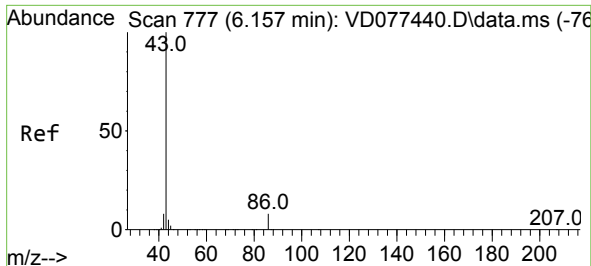
Tgt Ion:	96	Resp:	33615
Ion	Ratio	Lower	Upper
96	100		
61	133.5	89.3	133.9
98	67.5	48.6	73.0



#22
Diisopropyl ether
Concen: 18.675 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

Tgt Ion:	45	Resp:	81892
Ion	Ratio	Lower	Upper
45	100		
43	55.0	40.0	60.0
87	30.2	28.2	42.4
59	13.1	11.0	16.4

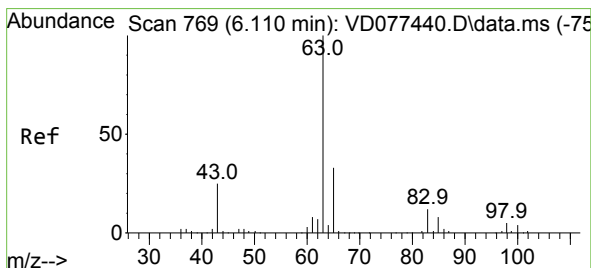
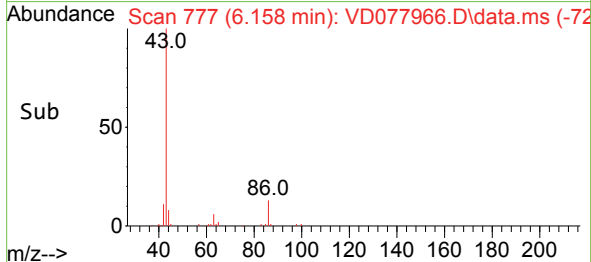
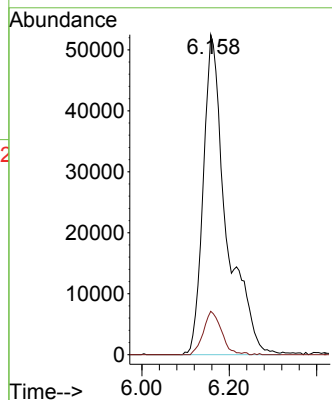
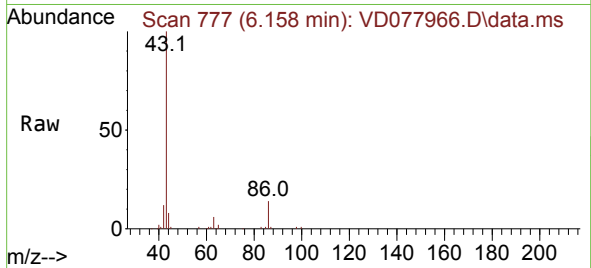




#23
 Vinyl Acetate
 Concen: 90.249 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD077966.D
 Acq: 19 Dec 2023 11:25

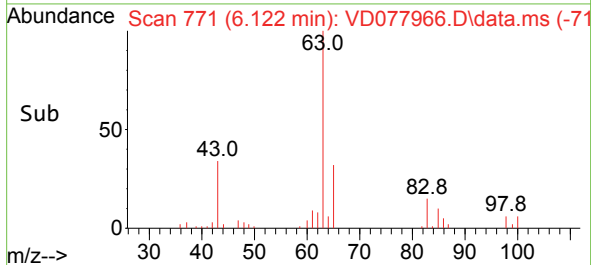
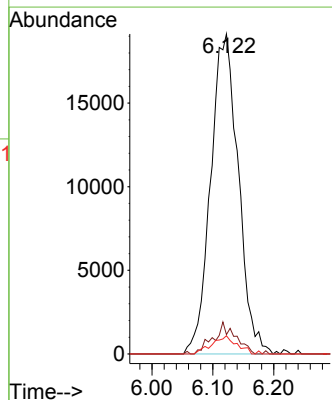
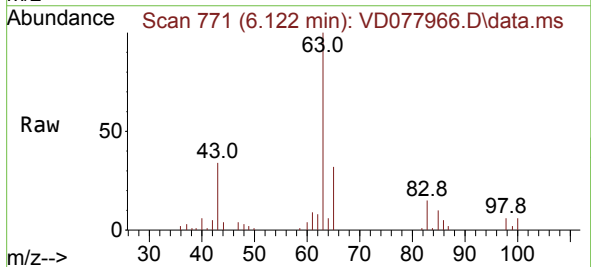
Instrument :
 MSVOA_D
 ClientSampleId :

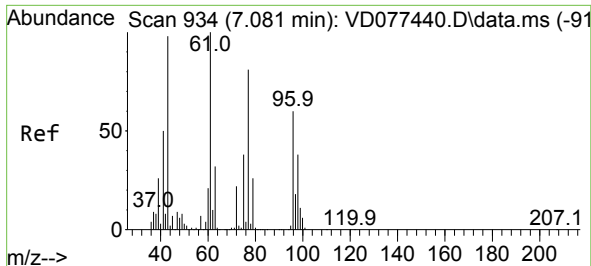
Tgt Ion: 43 Resp: 193261
 Ion Ratio Lower Upper
 43 100
 86 13.6 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 20.312 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.012 min
 Lab File: VD077966.D
 Acq: 19 Dec 2023 11:25

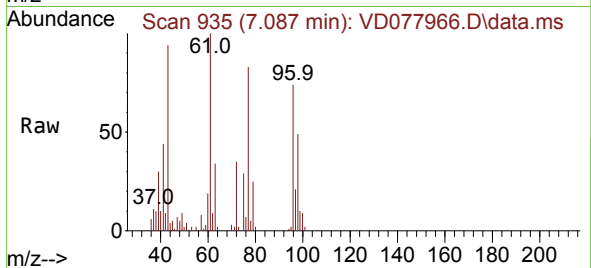
Tgt Ion: 63 Resp: 60320
 Ion Ratio Lower Upper
 63 100
 98 6.1 4.5 13.7
 100 5.7 2.5 7.5



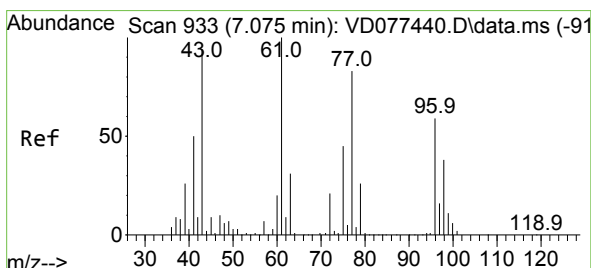
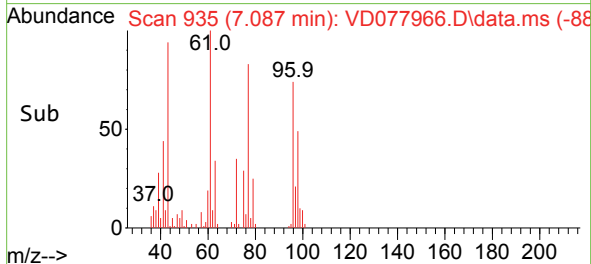
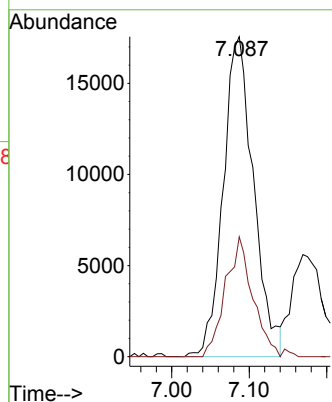


#25
2-Butanone
Concen: 107.733 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

Instrument :
MSVOA_D
ClientSampleId :

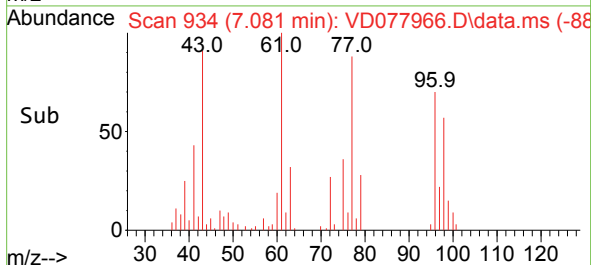
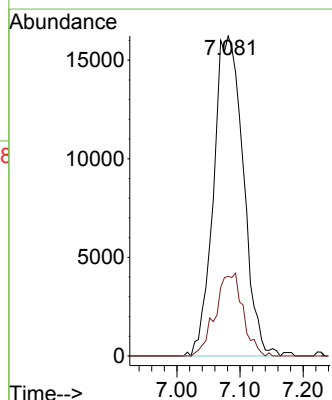
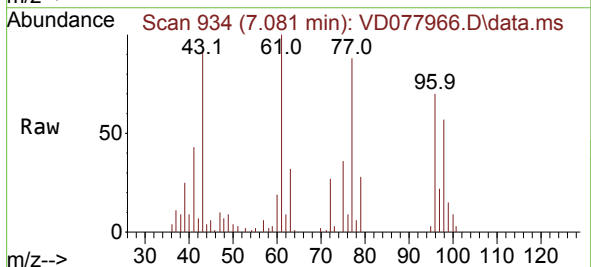


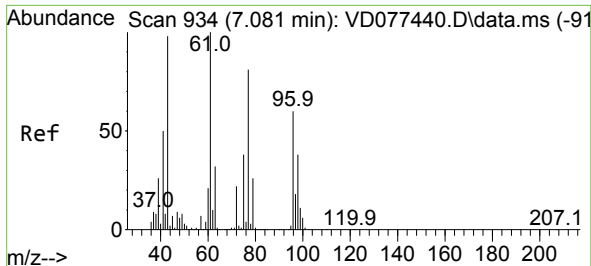
Tgt Ion: 43 Resp: 47807
Ion Ratio Lower Upper
43 100
72 37.4 30.7 46.1



#26
2,2-Dichloropropane
Concen: 21.228 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

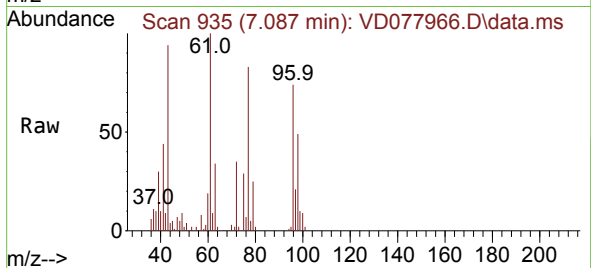
Tgt Ion: 77 Resp: 52927
Ion Ratio Lower Upper
77 100
97 24.0 13.2 39.6





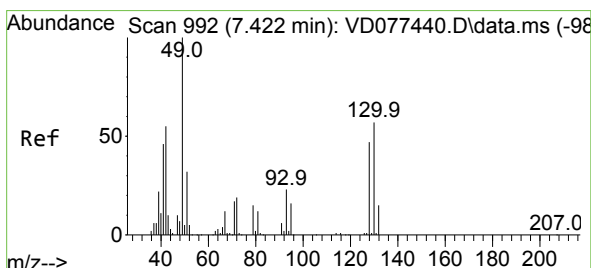
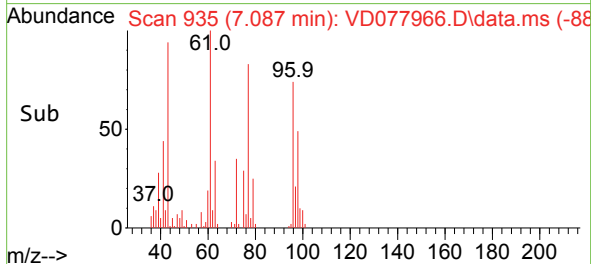
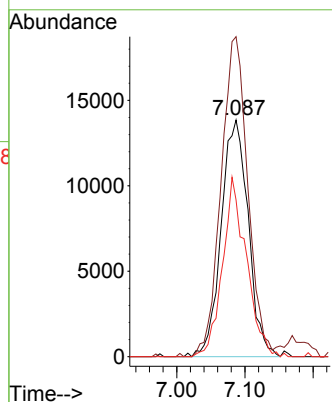
#27
 cis-1,2-Dichloroethene
 Concen: 20.561 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD077966.D
 Acq: 19 Dec 2023 11:25

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 38234

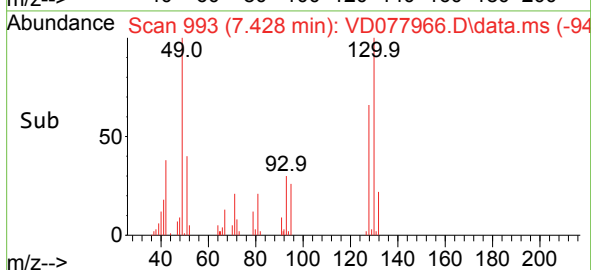
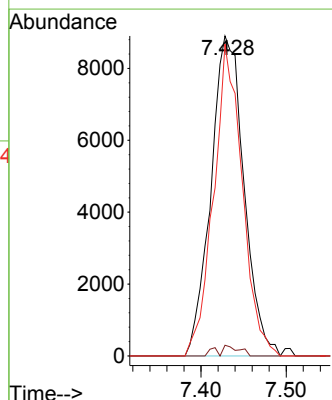
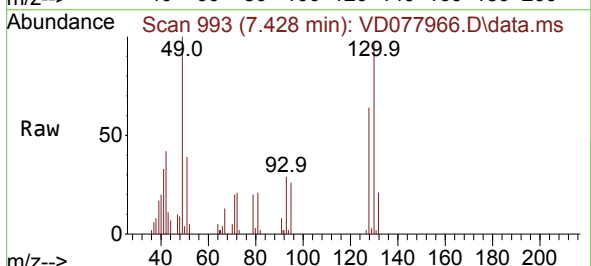
Ion	Ratio	Lower	Upper
96	100		
61	133.9	0.0	239.2
98	67.1	0.0	128.6

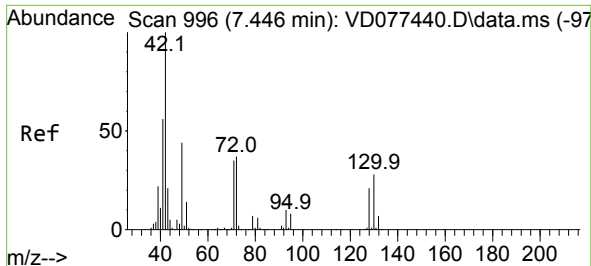


#28
 Bromochloromethane
 Concen: 20.001 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077966.D
 Acq: 19 Dec 2023 11:25

Tgt Ion: 49 Resp: 24000

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	6.0
130	84.9	83.2	124.8





#29

Tetrahydrofuran

Concen: 88.490 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD077966.D

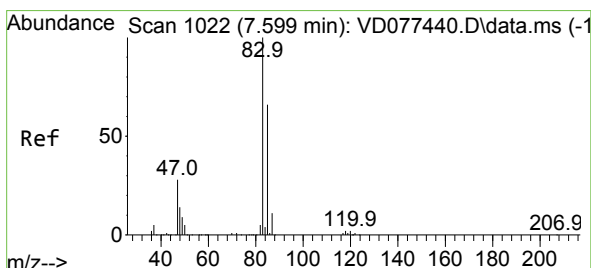
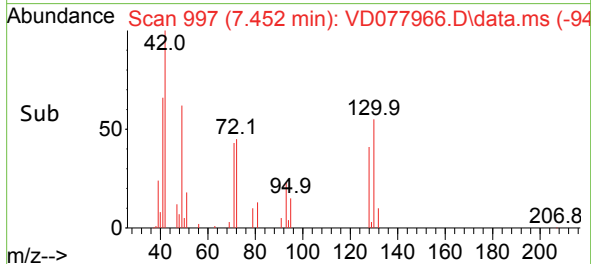
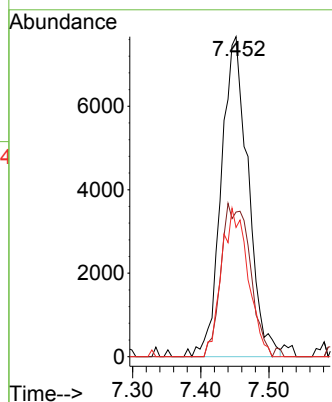
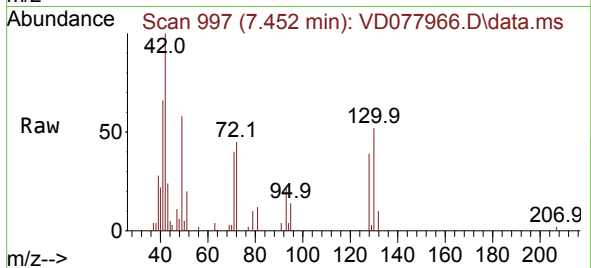
Acq: 19 Dec 2023 11:25

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	42	Resp:	21076
Ion	Ratio	Lower	Upper
42	100		
72	51.4	46.5	69.7
71	46.0	44.5	66.7



#30

Chloroform

Concen: 21.130 ug/l

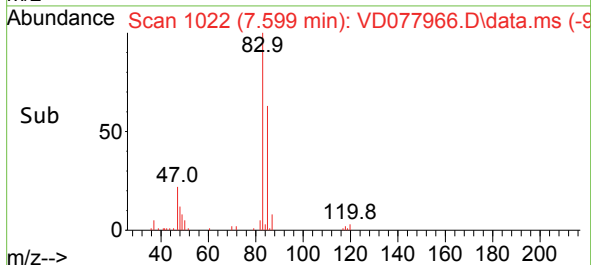
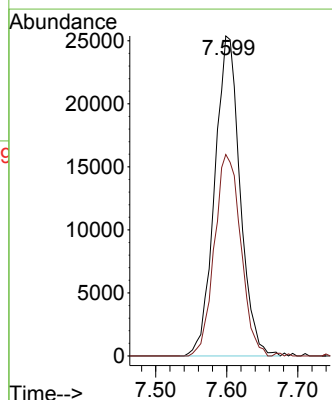
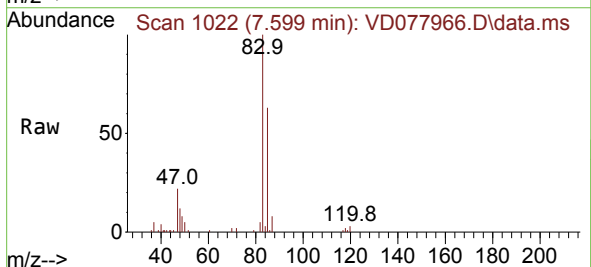
RT: 7.599 min Scan# 1022

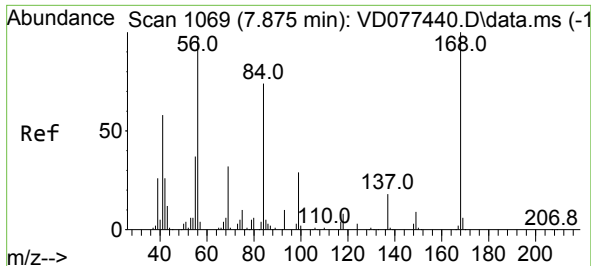
Delta R.T. -0.000 min

Lab File: VD077966.D

Acq: 19 Dec 2023 11:25

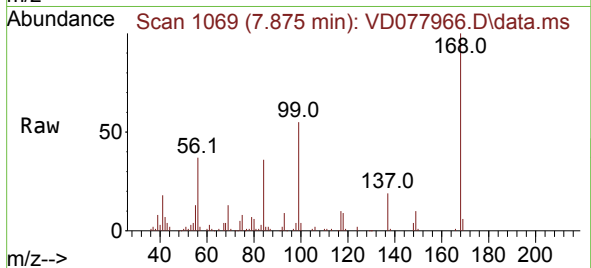
Tgt Ion:	83	Resp:	62800
Ion	Ratio	Lower	Upper
83	100		
85	62.9	53.4	80.2



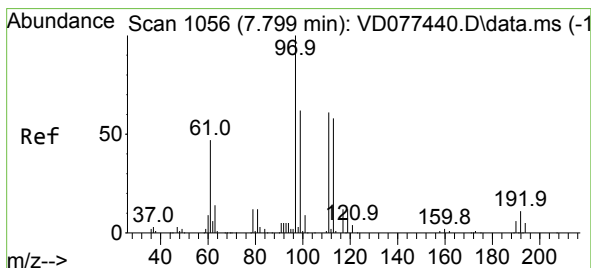
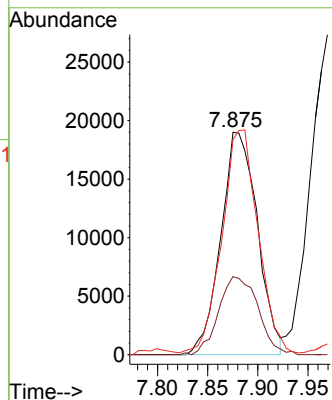
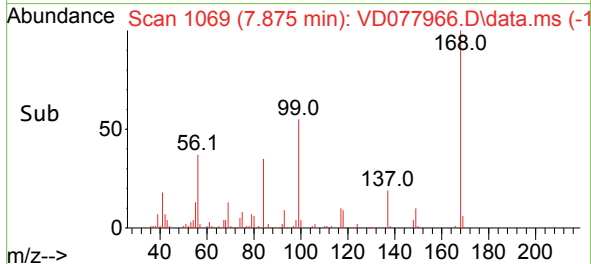


#31
Cyclohexane
Concen: 18.136 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

Instrument :
MSVOA_D
ClientSampleId :

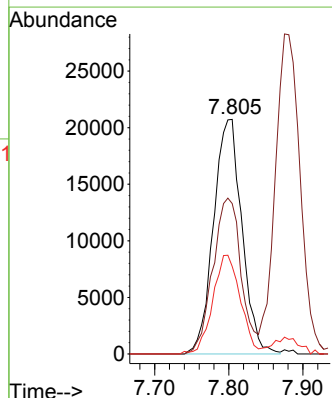
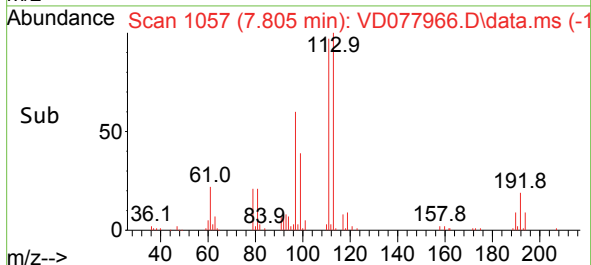
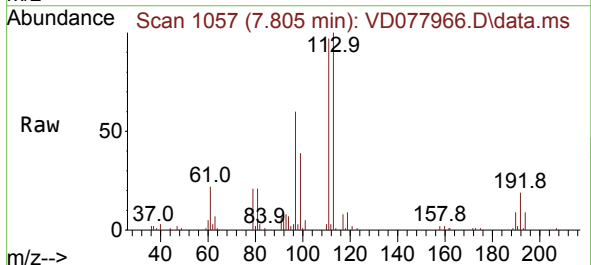


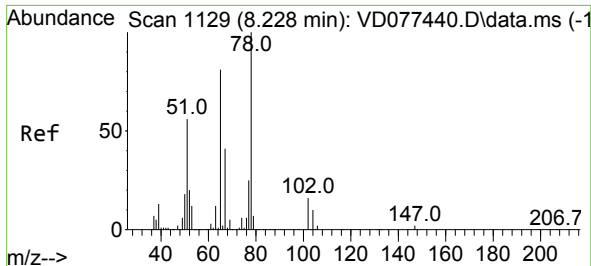
Tgt Ion: 56 Resp: 48247
Ion Ratio Lower Upper
56 100
69 35.1 28.6 43.0
84 95.9 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 21.054 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

Tgt Ion: 97 Resp: 55163
Ion Ratio Lower Upper
97 100
99 66.4 52.0 78.0
61 40.8 33.8 50.8

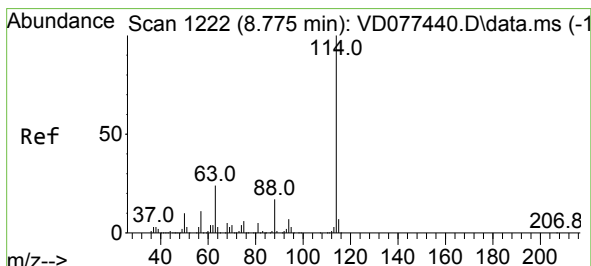
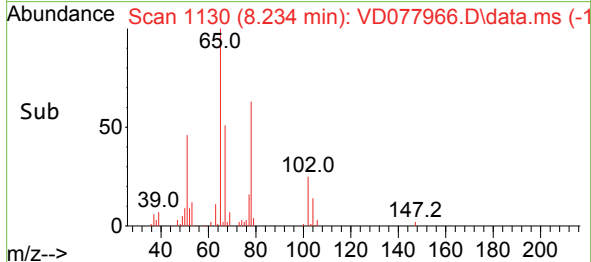
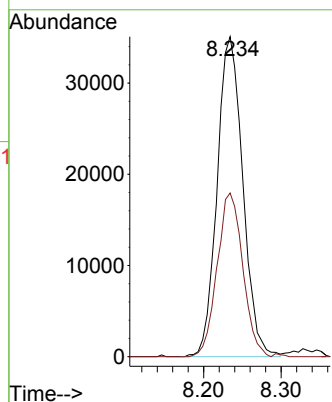
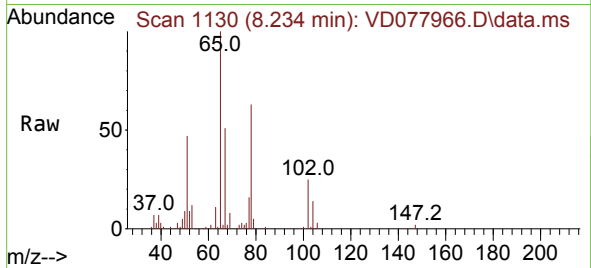




#33
1,2-Dichloroethane-d4
Concen: 54.033 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

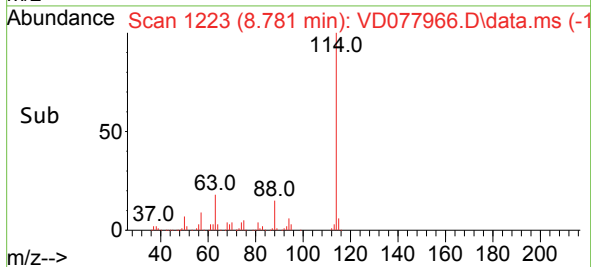
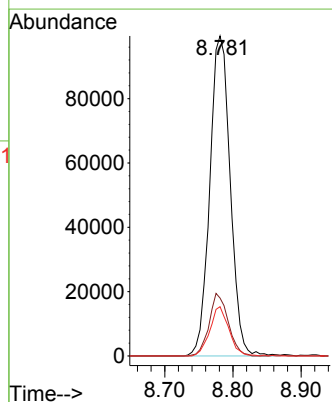
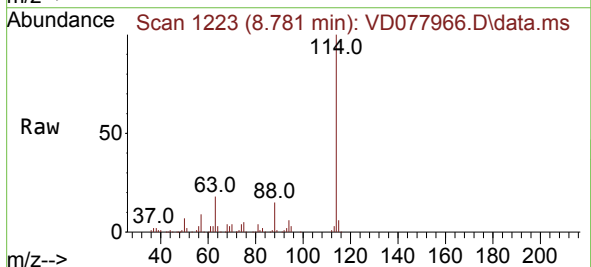
Instrument :
MSVOA_D
ClientSampleId :

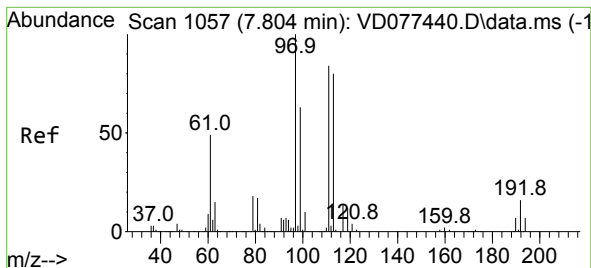
Tgt Ion: 65 Resp: 80817
Ion Ratio Lower Upper
65 100
67 51.1 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

Tgt Ion: 114 Resp: 207752
Ion Ratio Lower Upper
114 100
63 18.1 0.0 33.4
88 15.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 59.378 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

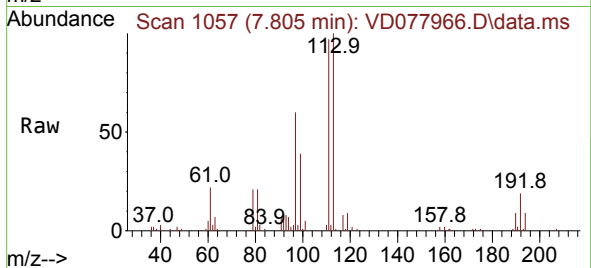
Lab File: VD077966.D

Acq: 19 Dec 2023 11:25

Instrument :

MSVOA_D

ClientSampleId :



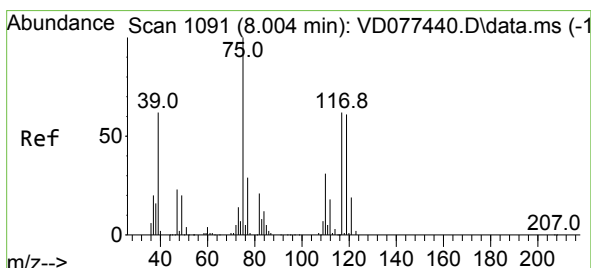
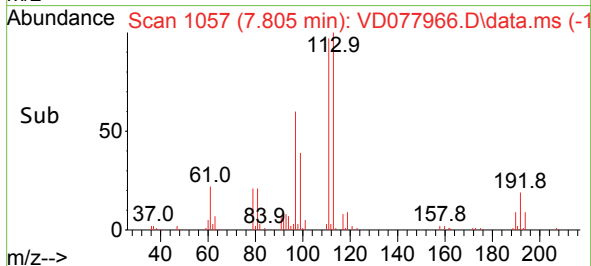
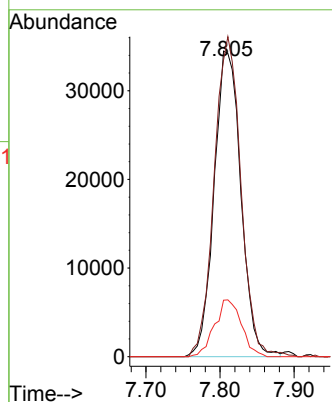
Tgt Ion:113 Resp: 86409

Ion Ratio Lower Upper

113 100

111 104.6 84.7 127.1

192 18.7 16.8 25.2



#36

1,1-Dichloropropene

Concen: 20.410 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD077966.D

Acq: 19 Dec 2023 11:25

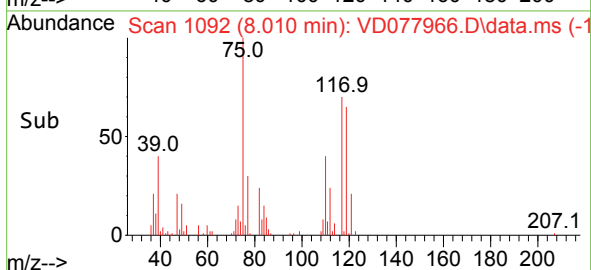
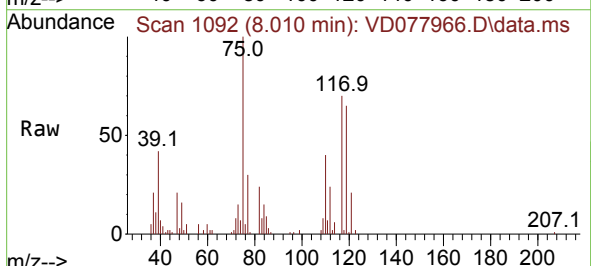
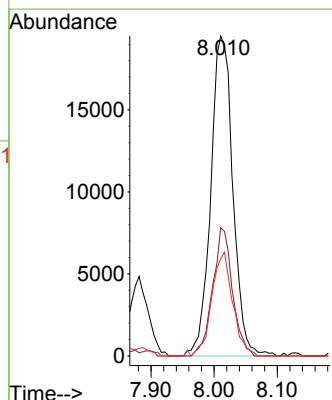
Tgt Ion: 75 Resp: 47509

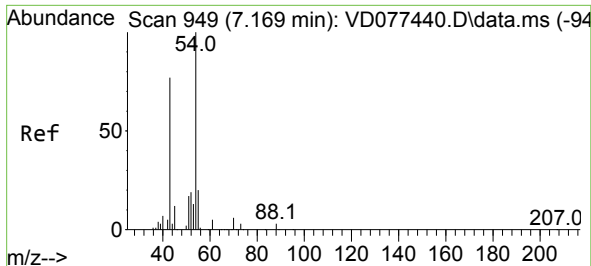
Ion Ratio Lower Upper

75 100

110 35.9 19.9 59.6

77 30.9 24.7 37.1

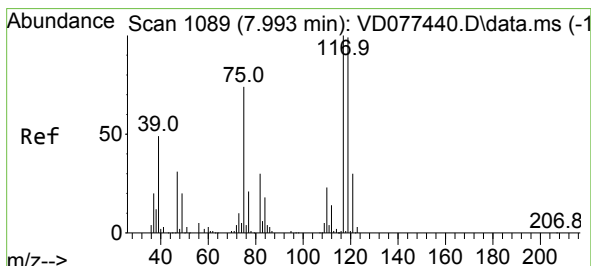
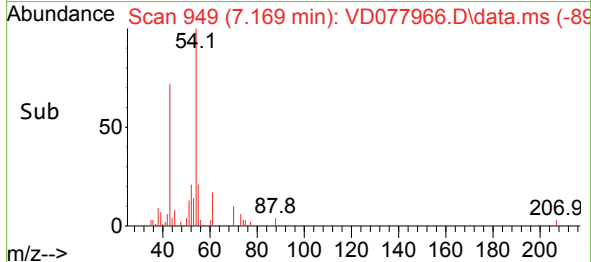
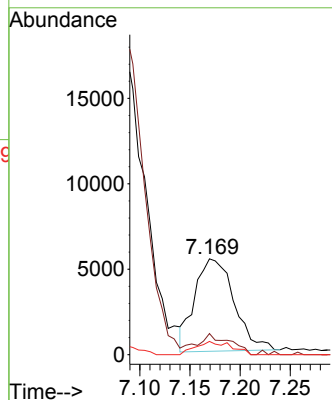
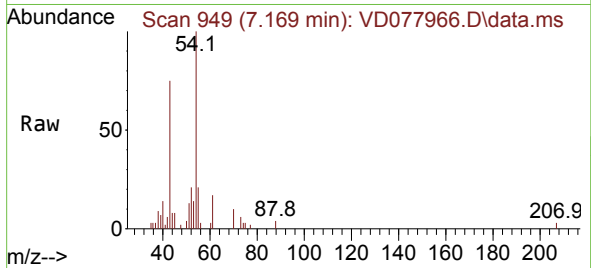




#37
Ethyl Acetate
Concen: 16.249 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

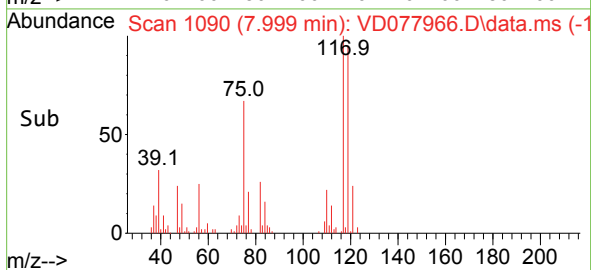
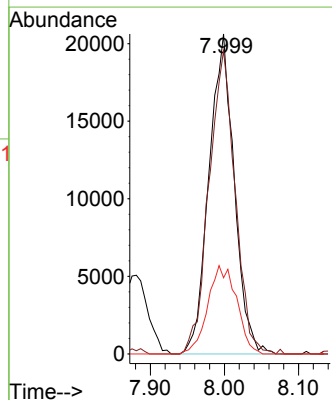
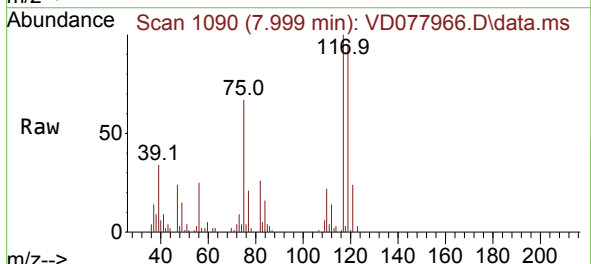
Instrument :
MSVOA_D
ClientSampleId :

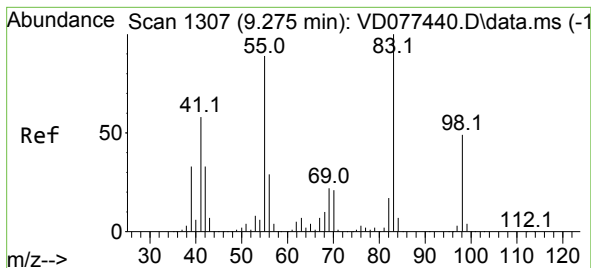
Tgt Ion: 43 Resp: 14748
Ion Ratio Lower Upper
43 100
61 17.8 14.9 22.3
70 12.8 10.0 15.0



#38
Carbon Tetrachloride
Concen: 21.023 ug/l
RT: 7.999 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

Tgt Ion: 117 Resp: 48786
Ion Ratio Lower Upper
117 100
119 94.8 78.0 117.0
121 23.8 24.2 36.2#





#39

Methylcyclohexane

Concen: 18.965 ug/l

RT: 9.275 min Scan# 1137

Delta R.T. 0.000 min

Lab File: VD077966.D

Acq: 19 Dec 2023 11:25

Instrument :

MSVOA_D

ClientSampleId :

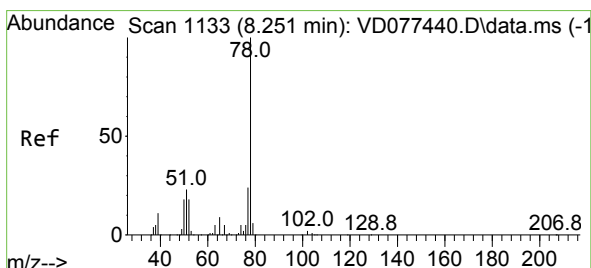
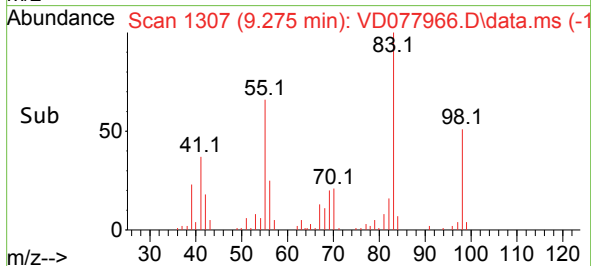
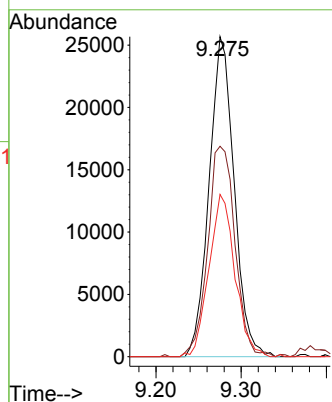
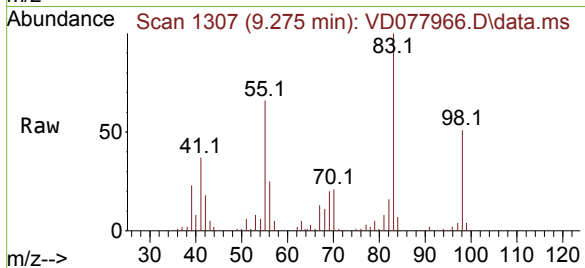
Tgt Ion: 83 Resp: 52333

Ion Ratio Lower Upper

83 100

55 65.7 49.4 74.0

98 50.7 38.4 57.6



#40

Benzene

Concen: 20.620 ug/l

RT: 8.258 min Scan# 1134

Delta R.T. 0.007 min

Lab File: VD077966.D

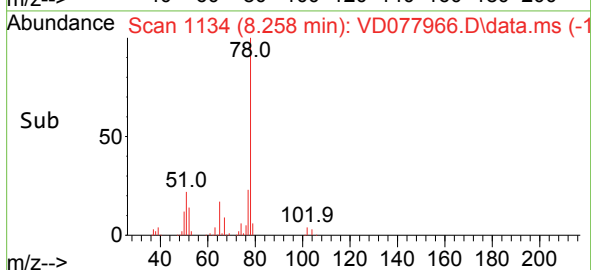
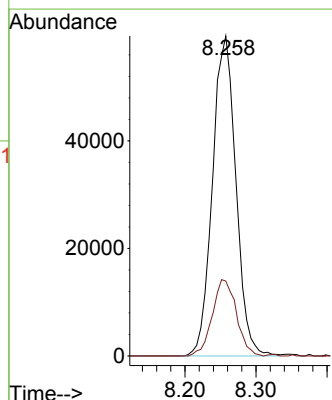
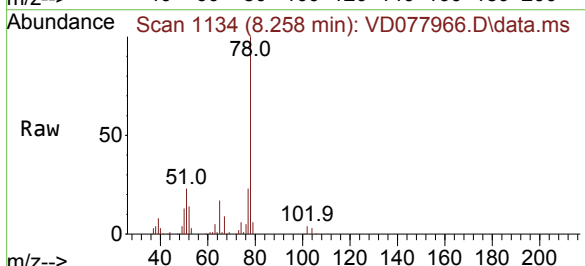
Acq: 19 Dec 2023 11:25

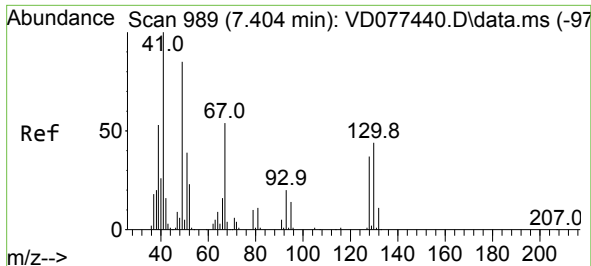
Tgt Ion: 78 Resp: 136227

Ion Ratio Lower Upper

78 100

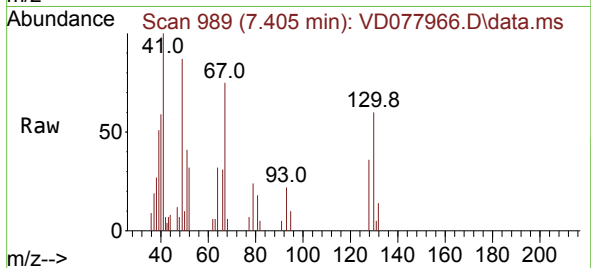
77 23.4 19.4 29.0



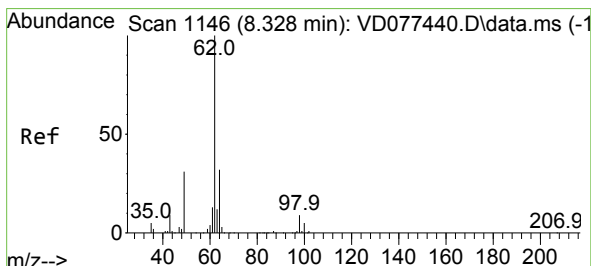
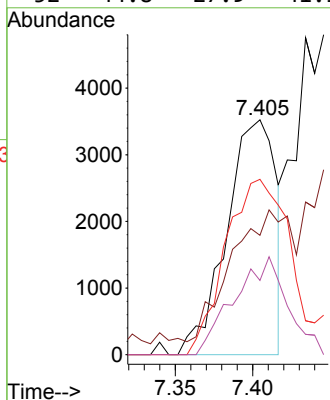
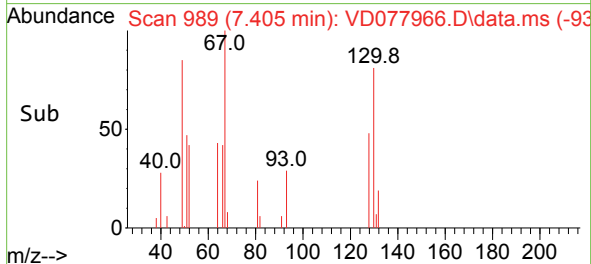


#41
Methacrylonitrile
Concen: 16.934 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.001 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

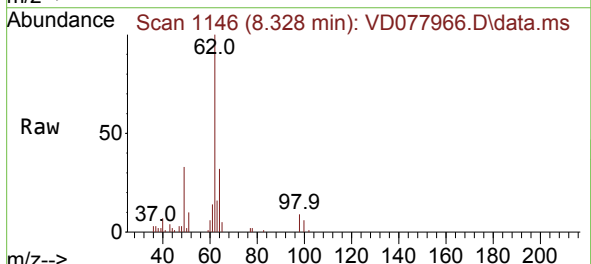
Instrument :
MSVOA_D
ClientSampleId :



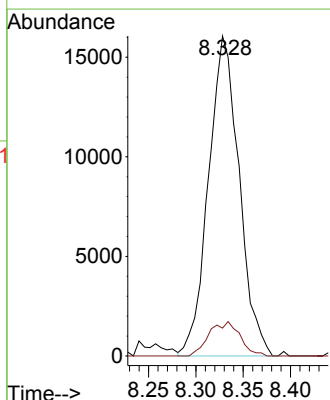
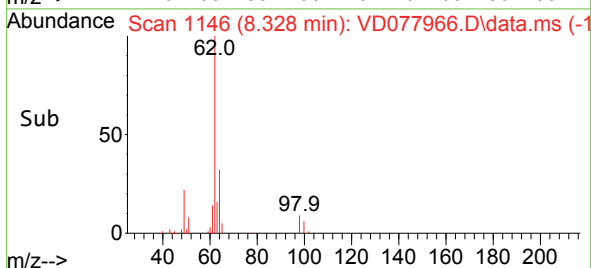
Tgt Ion: 41 Resp: 7812
Ion Ratio Lower Upper
41 100
39 74.7 34.0 51.0#
67 99.3 77.0 115.4
52 44.8 27.9 41.9#

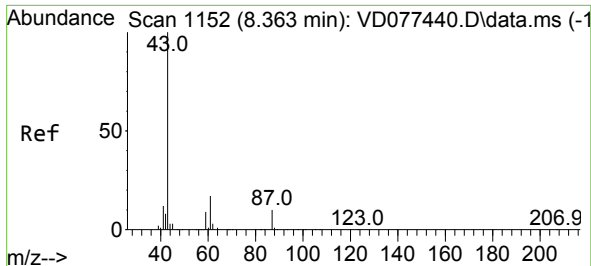


#42
1,2-Dichloroethane
Concen: 21.168 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25



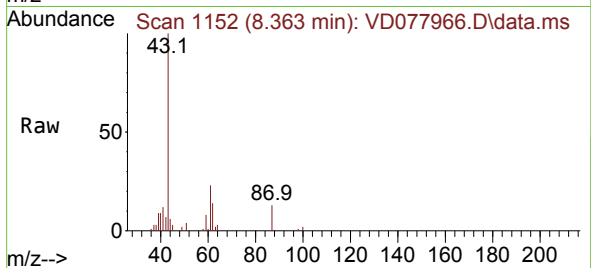
Tgt Ion: 62 Resp: 36250
Ion Ratio Lower Upper
62 100
98 10.8 0.0 25.4



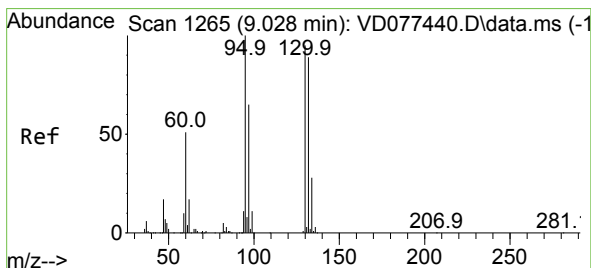
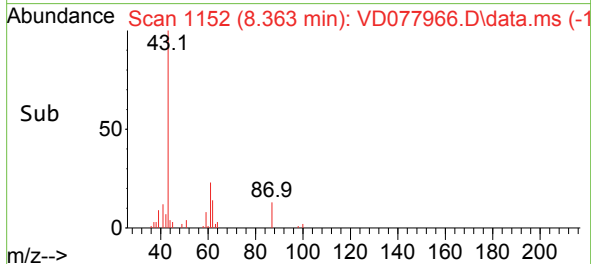
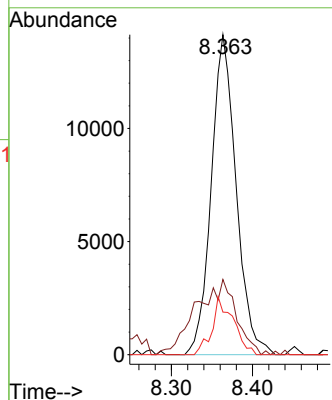


#43
Isopropyl Acetate
Concen: 18.676 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

Instrument :
MSVOA_D
ClientSampleId :

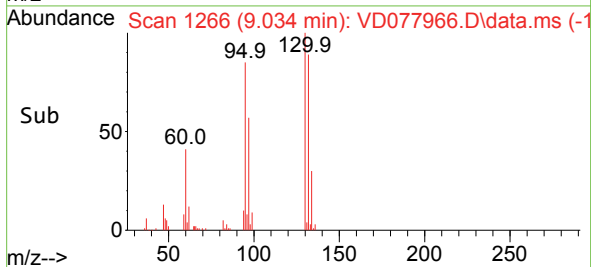
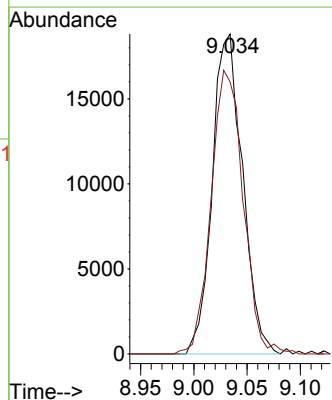
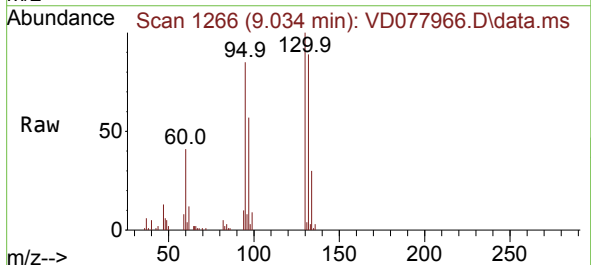


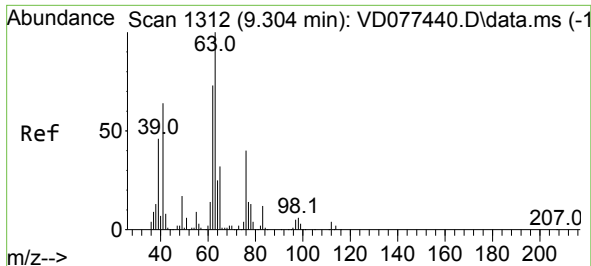
Tgt Ion: 43 Resp: 30133
Ion Ratio Lower Upper
43 100
61 37.8 31.4 47.0
87 15.4 14.9 22.3



#44
Trichloroethene
Concen: 21.543 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

Tgt Ion:130 Resp: 37090
Ion Ratio Lower Upper
130 100
95 84.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.669 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077966.D

Acq: 19 Dec 2023 11:25

Instrument :

MSVOA_D

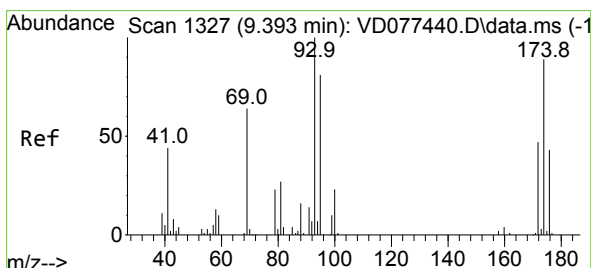
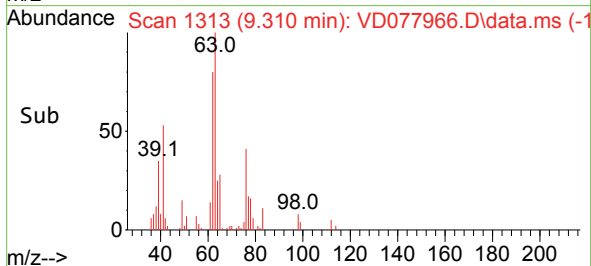
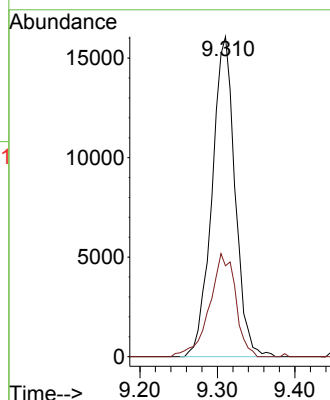
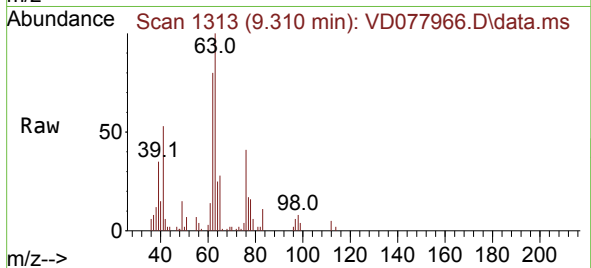
ClientSampleId :

Tgt Ion: 63 Resp: 33195

Ion Ratio Lower Upper

63 100

65 28.4 24.5 36.7



#46

Dibromomethane

Concen: 21.146 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD077966.D

Acq: 19 Dec 2023 11:25

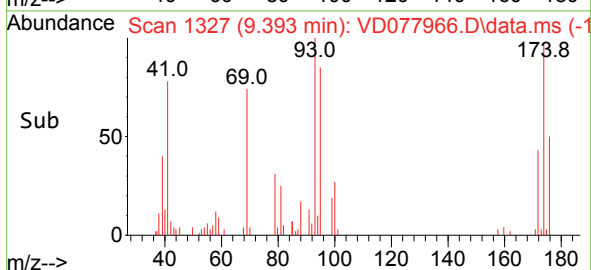
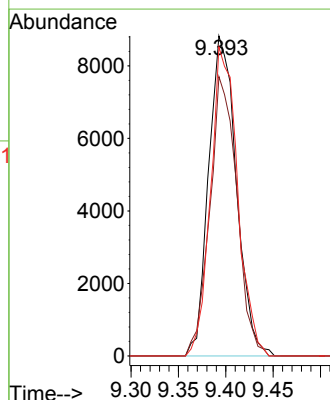
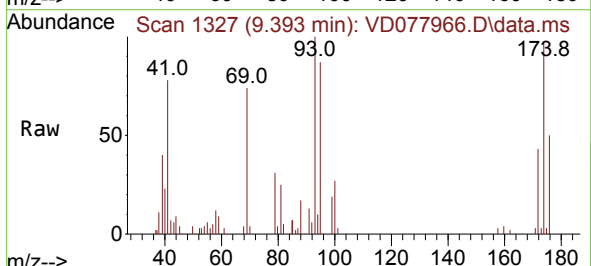
Tgt Ion: 93 Resp: 17969

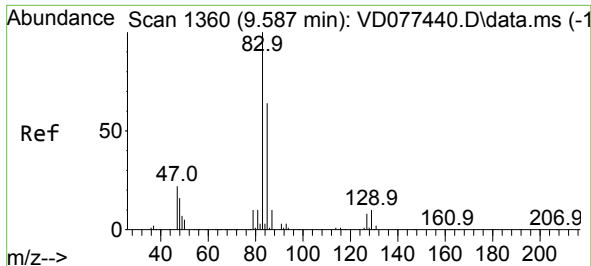
Ion Ratio Lower Upper

93 100

95 85.1 67.7 101.5

174 93.9 85.4 128.2

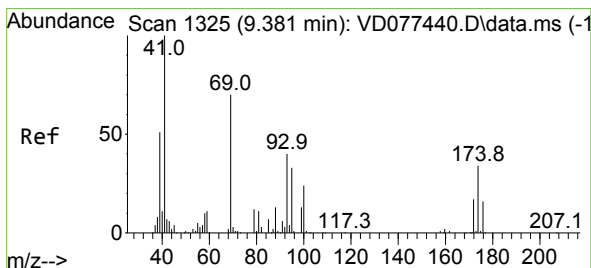
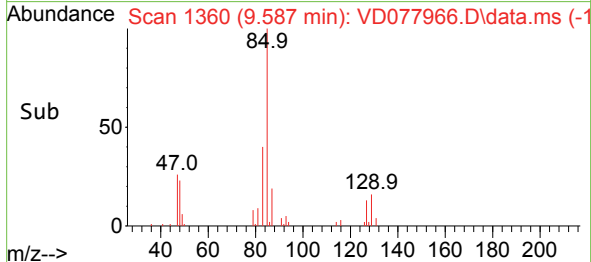
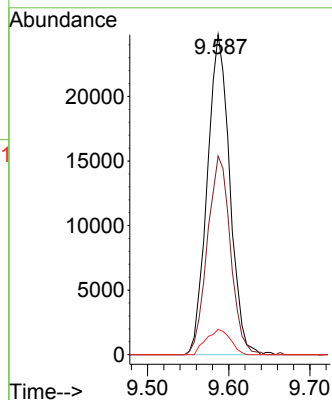
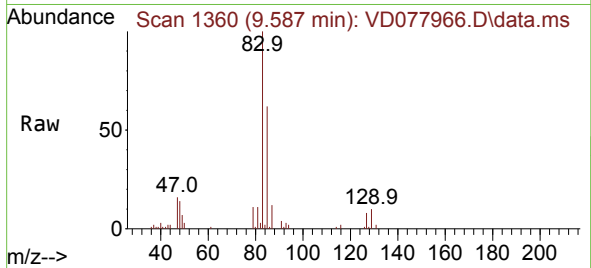




#47
Bromodichloromethane
Concen: 22.165 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

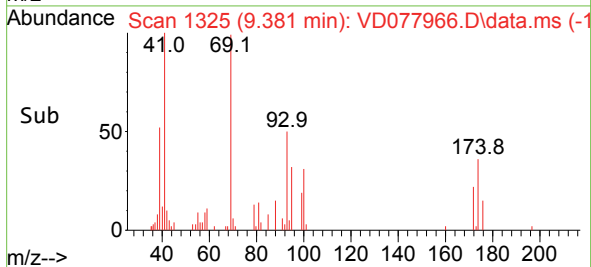
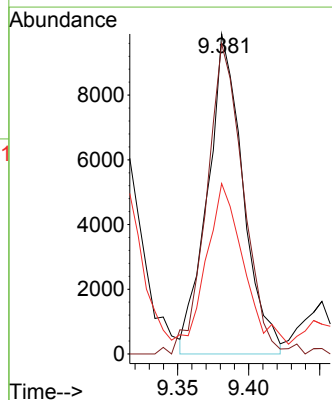
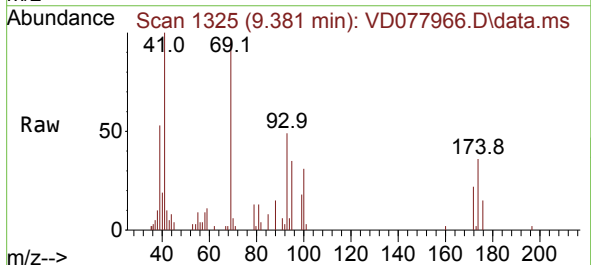
Instrument :
MSVOA_D
ClientSampleId :

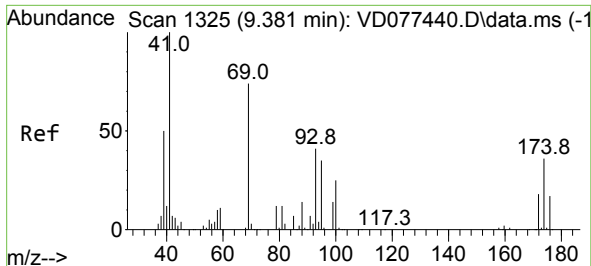
Tgt Ion: 83 Resp: 47742
Ion Ratio Lower Upper
83 100
85 62.1 50.2 75.4
127 7.9 6.3 9.5



#48
Methyl methacrylate
Concen: 18.672 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

Tgt Ion: 41 Resp: 17125
Ion Ratio Lower Upper
41 100
69 101.3 102.2 153.2#
39 52.3 41.4 62.2





#49

1,4-Dioxane

Concen: 422.256 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

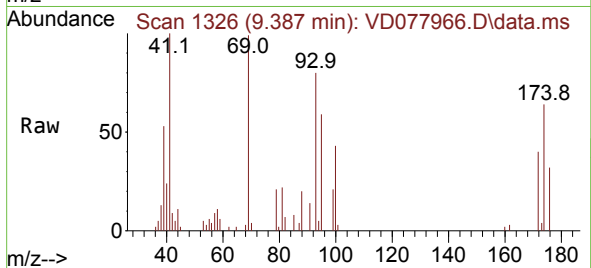
Lab File: VD077966.D

Acq: 19 Dec 2023 11:25

Instrument :

MSVOA_D

ClientSampleId :



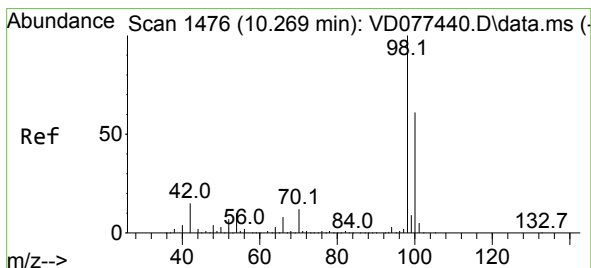
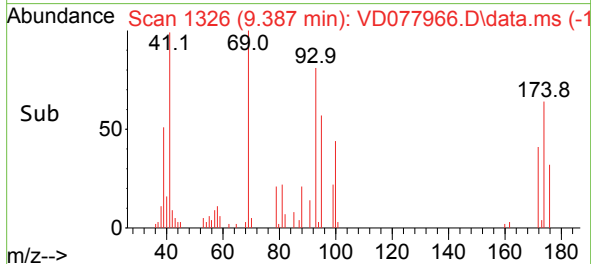
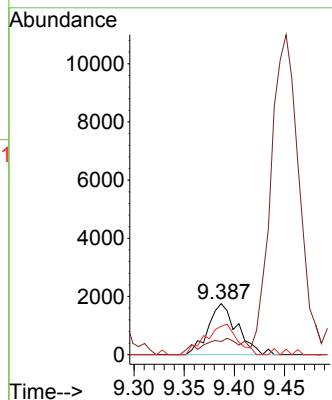
Tgt Ion: 88 Resp: 3563

Ion Ratio Lower Upper

88 100

43 37.3 19.0 28.6#

58 63.1 43.5 65.3



#50

Toluene-d8

Concen: 58.618 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077966.D

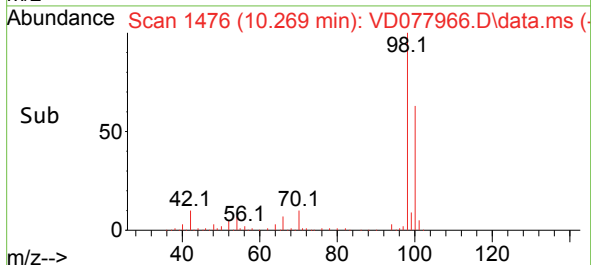
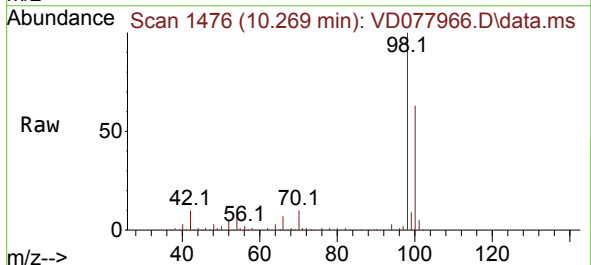
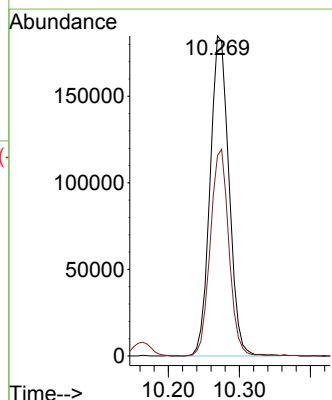
Acq: 19 Dec 2023 11:25

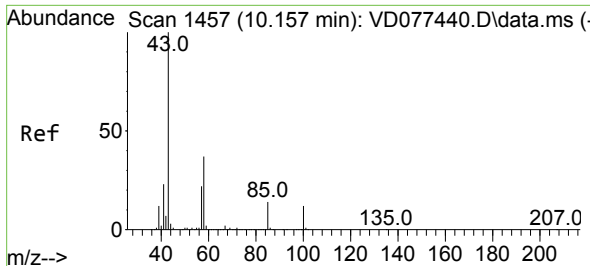
Tgt Ion: 98 Resp: 341649

Ion Ratio Lower Upper

98 100

100 63.5 50.3 75.5

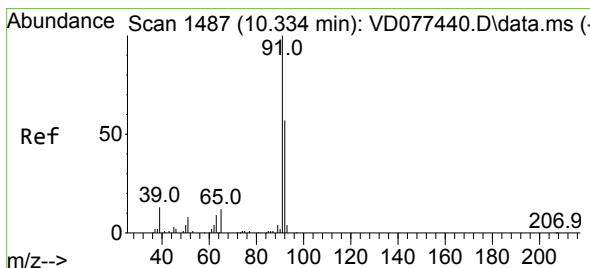
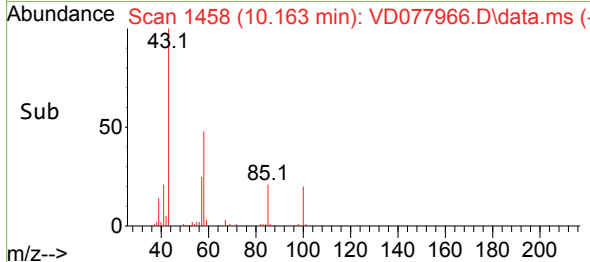
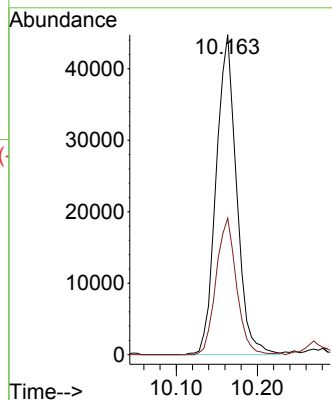
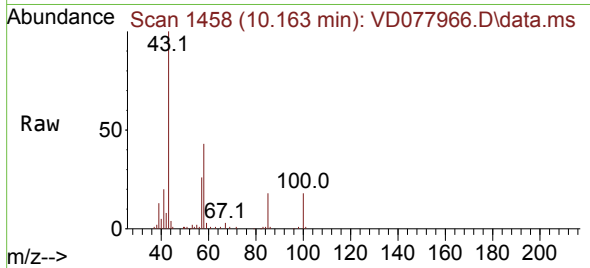




#51
4-Methyl-2-Pentanone
Concen: 95.301 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

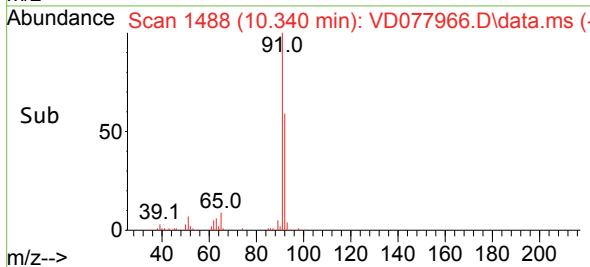
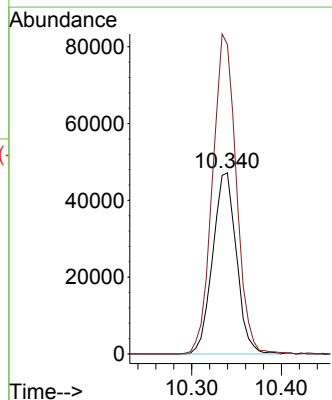
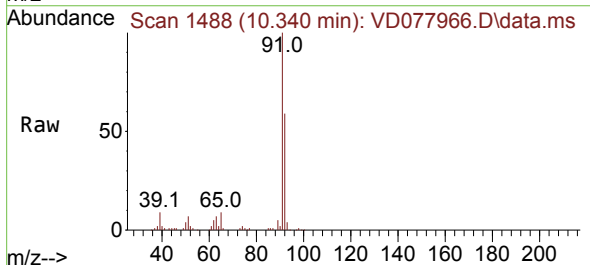
Instrument :
MSVOA_D
ClientSampleId :

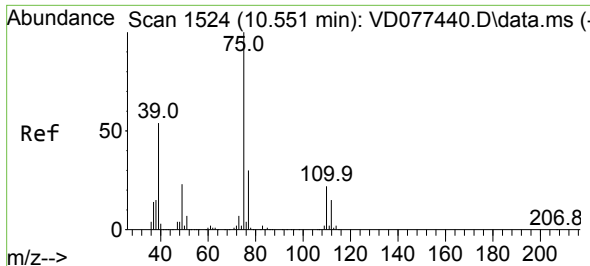
Tgt Ion: 43 Resp: 78474
Ion Ratio Lower Upper
43 100
58 42.8 38.9 58.3



#52
Toluene
Concen: 21.161 ug/l
RT: 10.340 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

Tgt Ion: 92 Resp: 86721
Ion Ratio Lower Upper
92 100
91 176.9 143.0 214.4

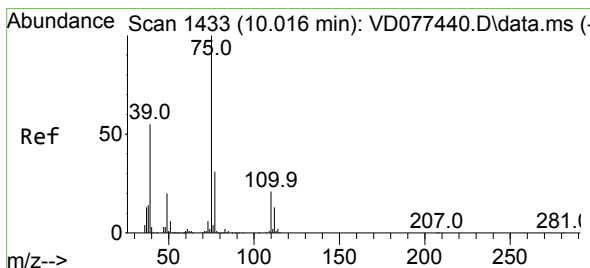
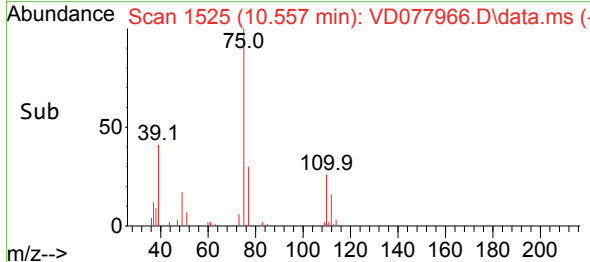
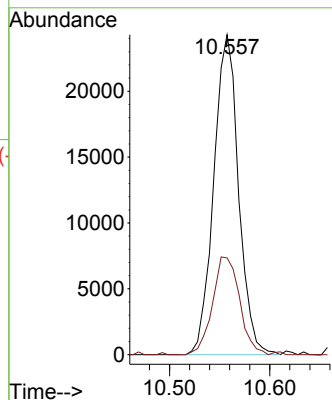
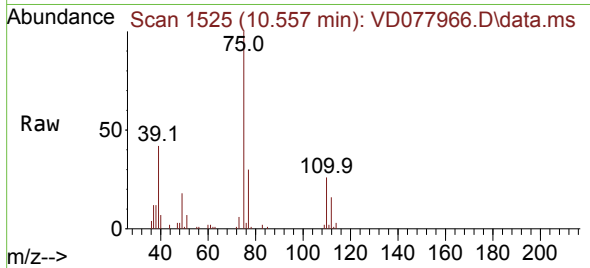




#53
t-1,3-Dichloropropene
Concen: 20.189 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

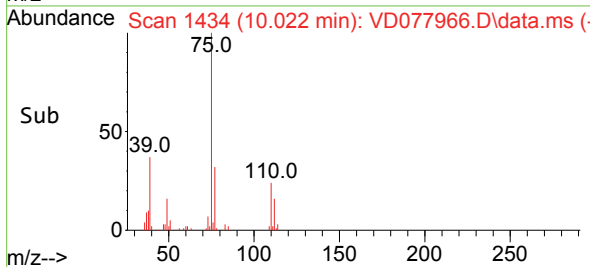
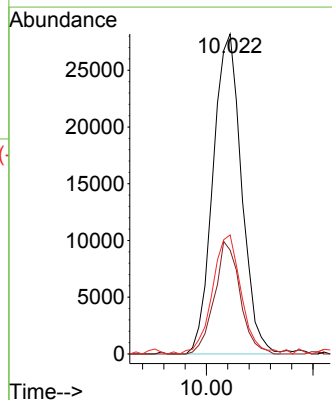
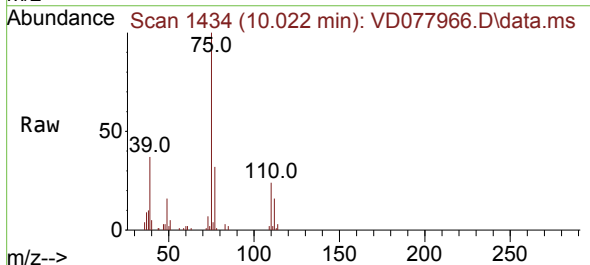
Instrument :
MSVOA_D
ClientSampleId :

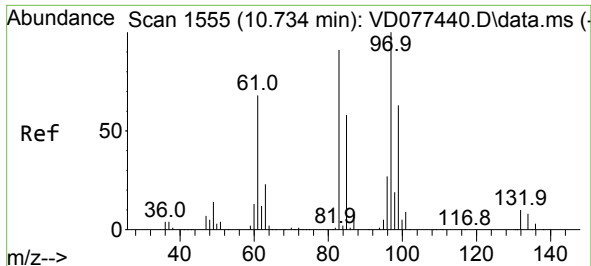
Tgt Ion: 75 Resp: 41759
Ion Ratio Lower Upper
75 100
77 30.2 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 20.974 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

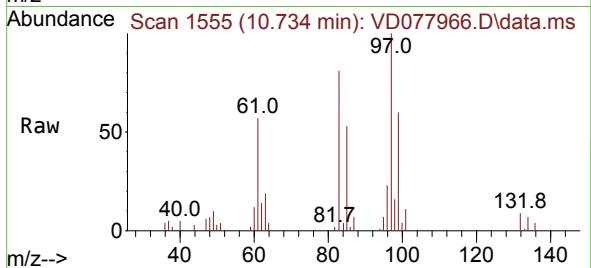
Tgt Ion: 75 Resp: 52450
Ion Ratio Lower Upper
75 100
77 32.5 25.5 38.3
39 37.2 22.1 33.1#



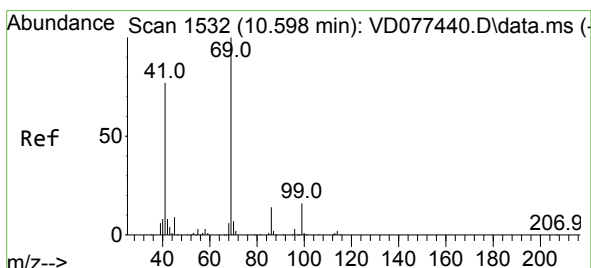
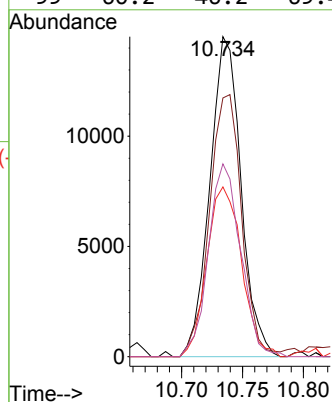
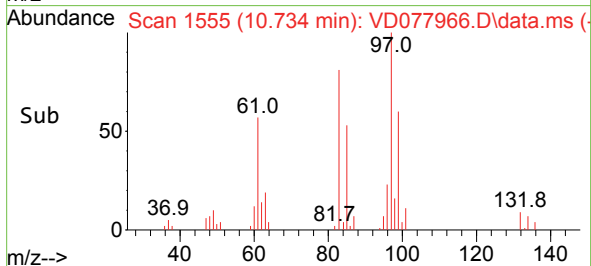


#55
 1,1,2-Trichloroethane
 Concen: 22.266 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VD077966.D
 Acq: 19 Dec 2023 11:25

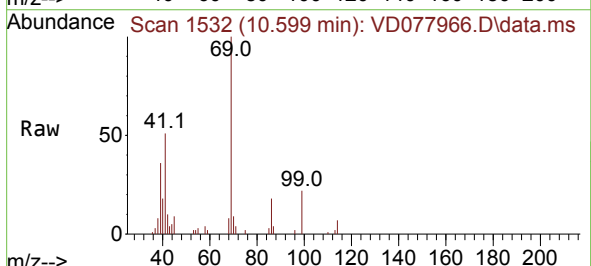
Instrument :
 MSVOA_D
 ClientSampleId :



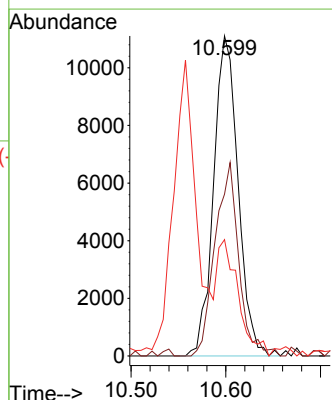
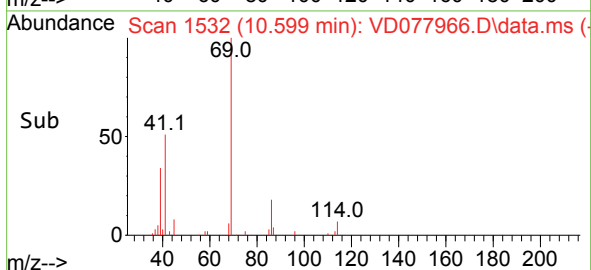
Tgt Ion:	97	Resp:	25881
Ion	Ratio	Lower	Upper
97	100		
83	80.9	65.8	98.6
85	53.1	45.7	68.5
99	60.2	46.2	69.4

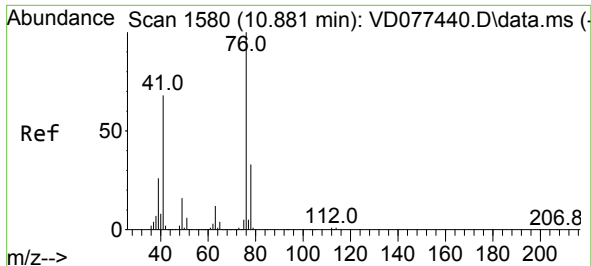


#56
 Ethyl methacrylate
 Concen: 19.476 ug/l
 RT: 10.599 min Scan# 1532
 Delta R.T. 0.001 min
 Lab File: VD077966.D
 Acq: 19 Dec 2023 11:25



Tgt Ion:	69	Resp:	19956
Ion	Ratio	Lower	Upper
69	100		
41	58.8	39.1	58.7#
39	30.9	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 21.201 ug/l

RT: 10.887 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077966.D

Acq: 19 Dec 2023 11:25

Instrument :

MSVOA_D

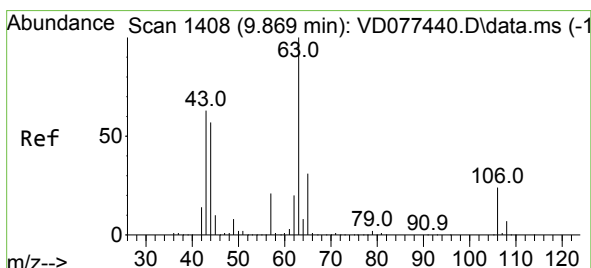
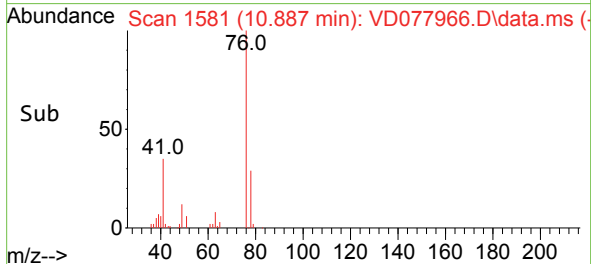
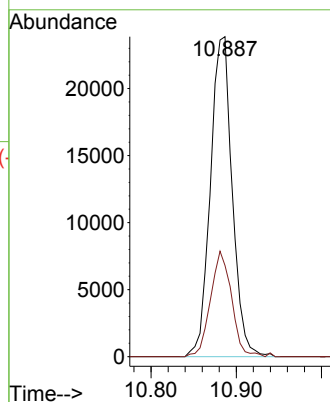
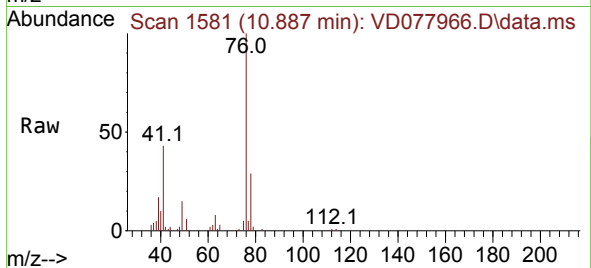
ClientSampleId :

Tgt Ion: 76 Resp: 42478

Ion Ratio Lower Upper

76 100

78 31.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 67.182 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD077966.D

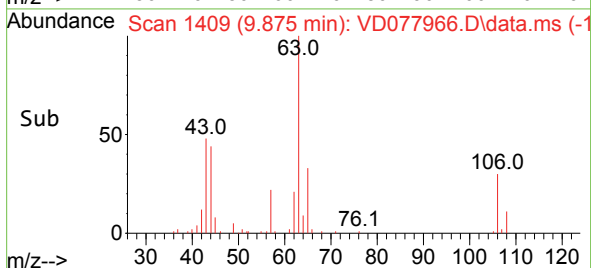
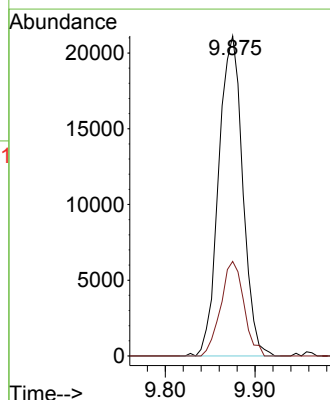
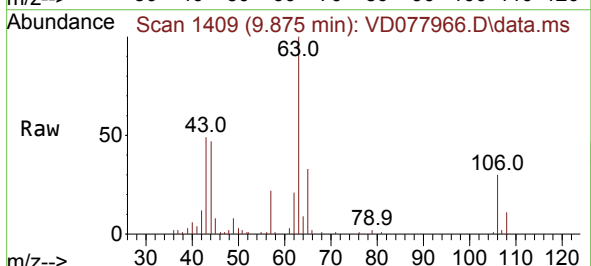
Acq: 19 Dec 2023 11:25

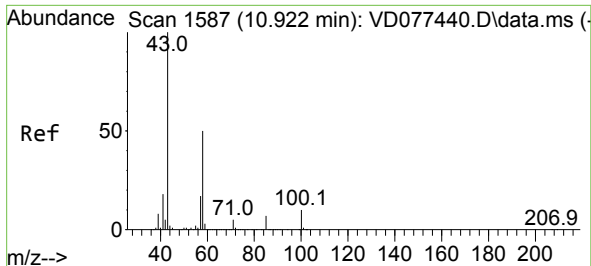
Tgt Ion: 63 Resp: 39257

Ion Ratio Lower Upper

63 100

106 28.5 25.3 37.9

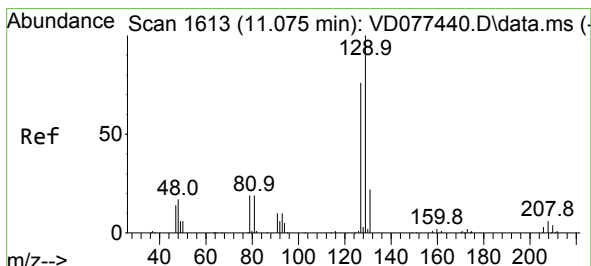
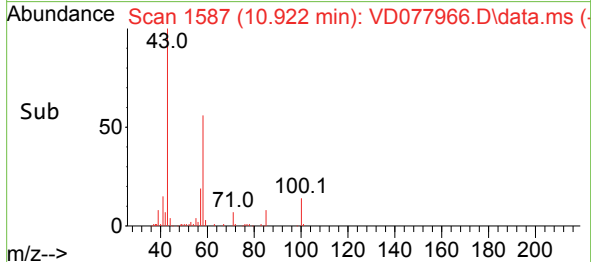
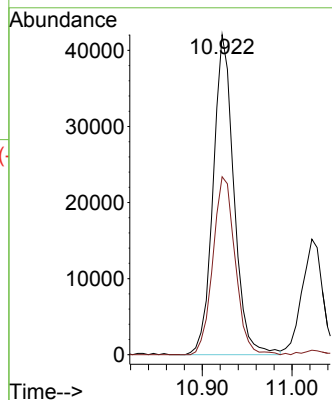
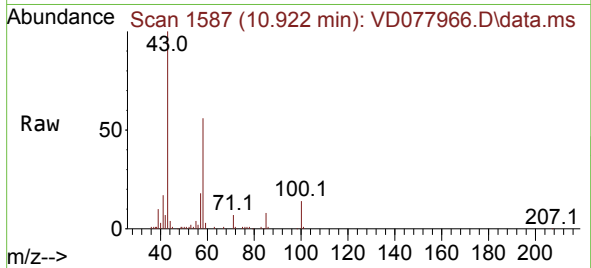




#59
2-Hexanone
Concen: 99.024 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

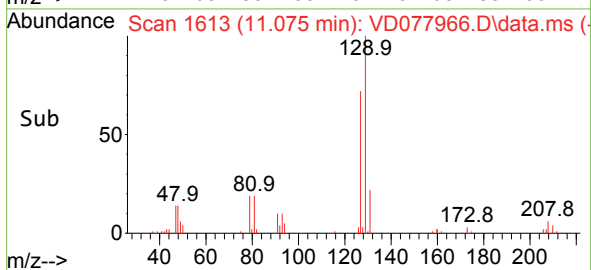
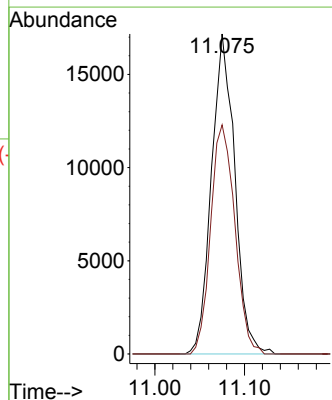
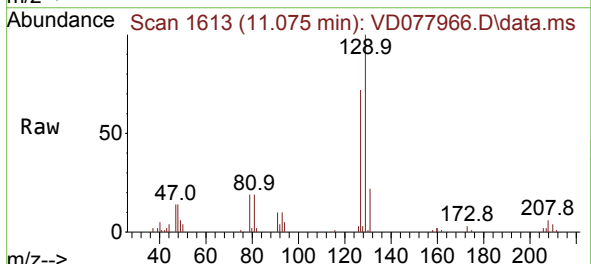
Instrument :
MSVOA_D
ClientSampleId :

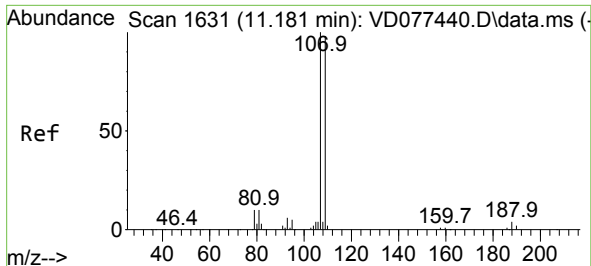
Tgt Ion: 43 Resp: 67649
Ion Ratio Lower Upper
43 100
58 59.6 34.1 102.2



#60
Dibromochloromethane
Concen: 22.113 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

Tgt Ion: 129 Resp: 30946
Ion Ratio Lower Upper
129 100
127 74.3 37.1 111.5

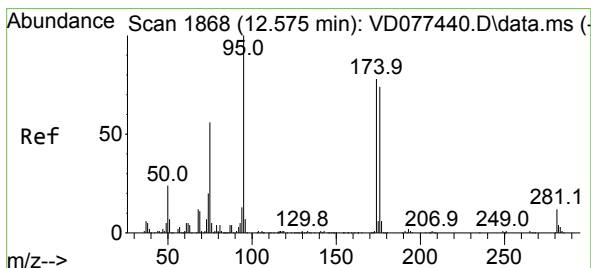
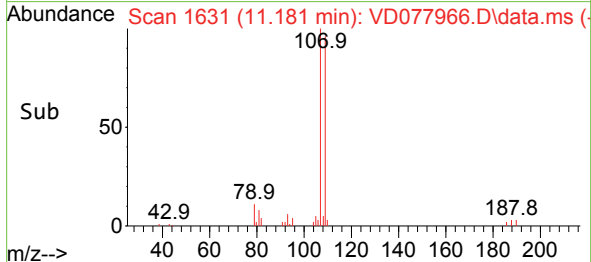
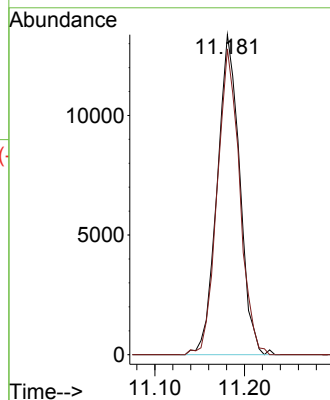
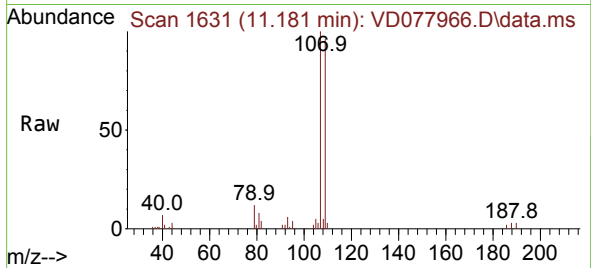




#61
1,2-Dibromoethane
Concen: 21.282 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

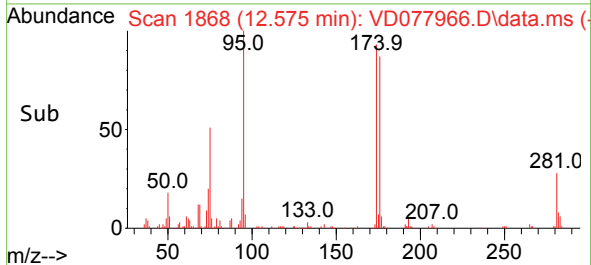
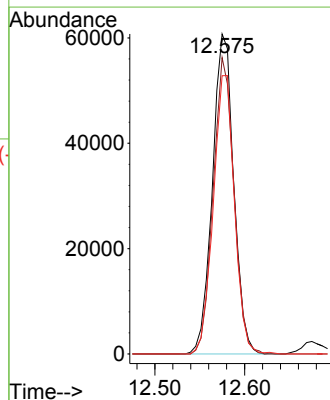
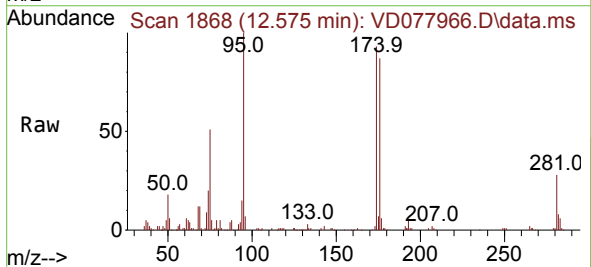
Instrument :
MSVOA_D
ClientSampleId :

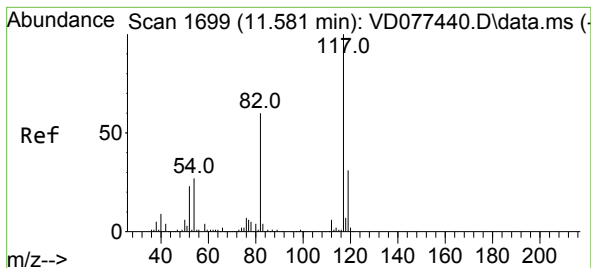
Tgt Ion:107 Resp: 23286
Ion Ratio Lower Upper
107 100
109 95.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 57.417 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

Tgt Ion: 95 Resp: 100051
Ion Ratio Lower Upper
95 100
174 90.3 0.0 201.8
176 86.9 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077966.D

Acq: 19 Dec 2023 11:25

Instrument :

MSVOA_D

ClientSampleId :

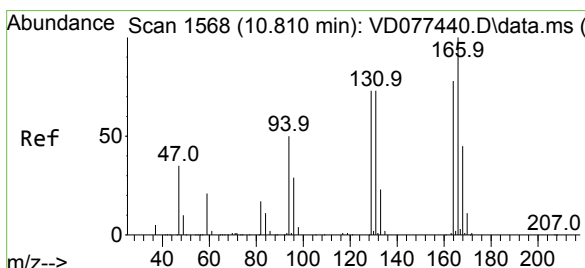
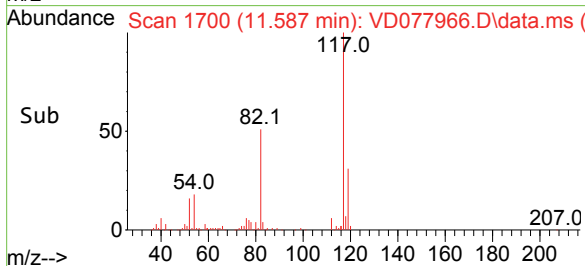
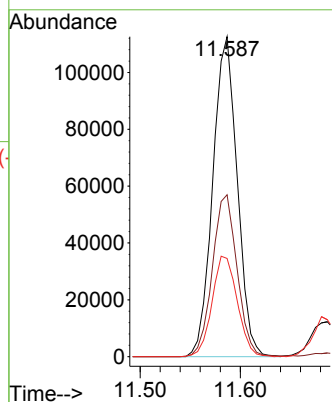
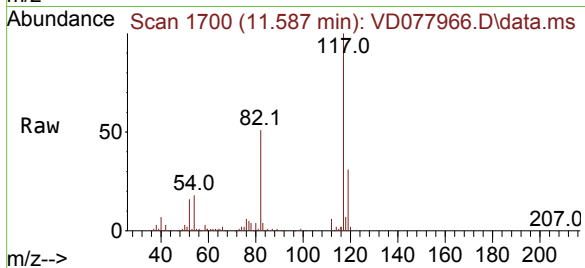
Tgt Ion:117 Resp: 190444

Ion Ratio Lower Upper

117 100

82 50.6 38.3 57.5

119 30.7 25.0 37.4



#64

Tetrachloroethene

Concen: 20.470 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077966.D

Acq: 19 Dec 2023 11:25

Tgt Ion:164 Resp: 28653

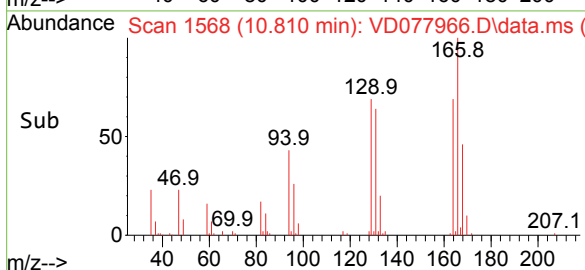
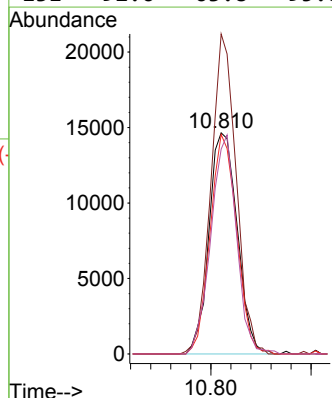
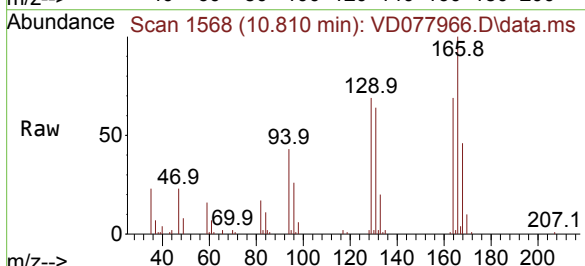
Ion Ratio Lower Upper

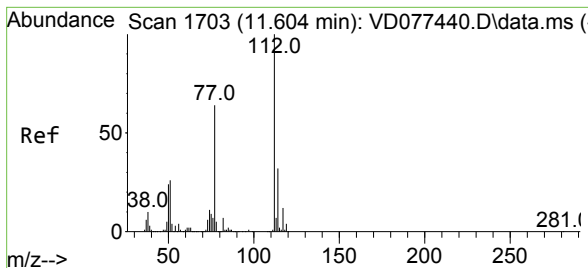
164 100

166 144.7 99.2 148.8

129 99.3 68.4 102.6

131 92.6 63.8 95.8





#65

Chlorobenzene

Concen: 19.209 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077966.D

Acq: 19 Dec 2023 11:25

Instrument :

MSVOA_D

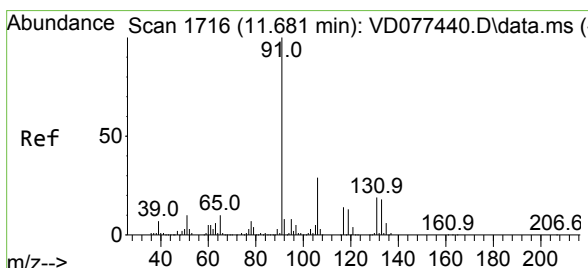
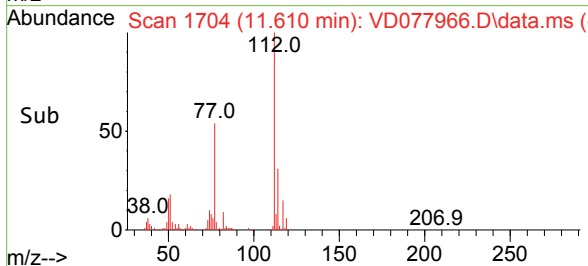
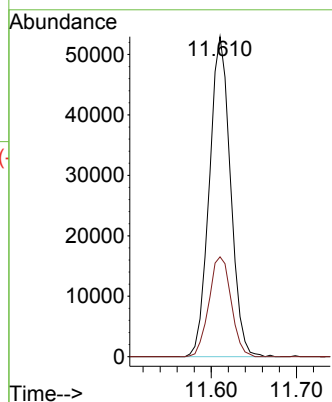
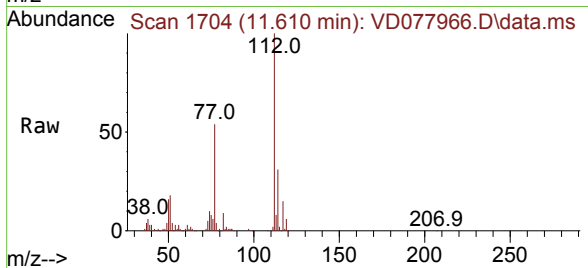
ClientSampleId :

Tgt Ion:112 Resp: 91373

Ion Ratio Lower Upper

112 100

114 31.2 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 21.073 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077966.D

Acq: 19 Dec 2023 11:25

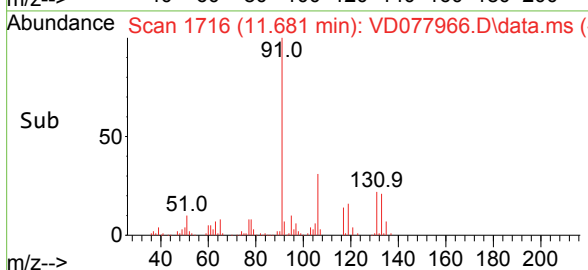
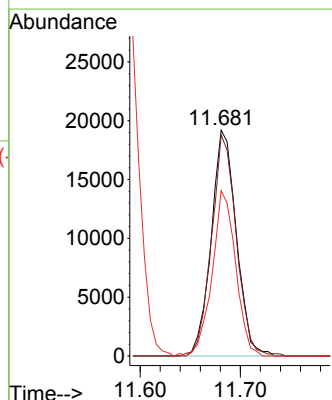
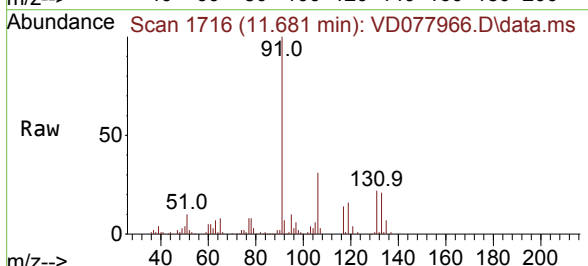
Tgt Ion:131 Resp: 33372

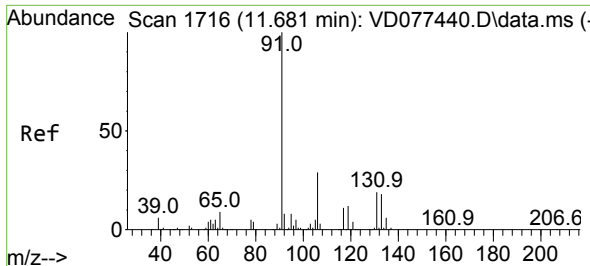
Ion Ratio Lower Upper

131 100

133 96.6 48.5 145.5

119 68.3 35.6 106.9

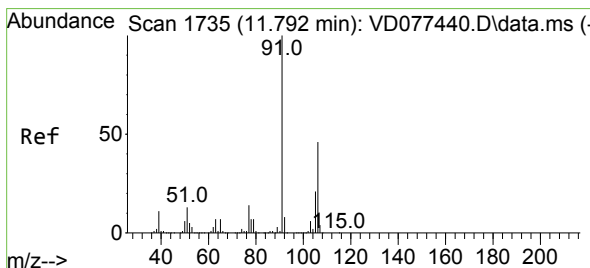
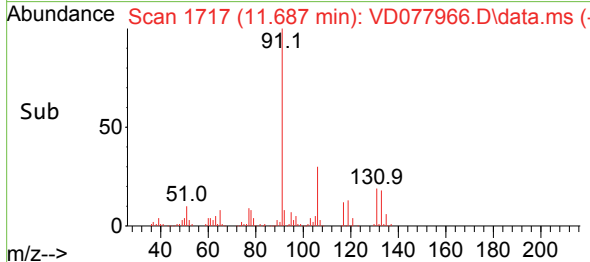
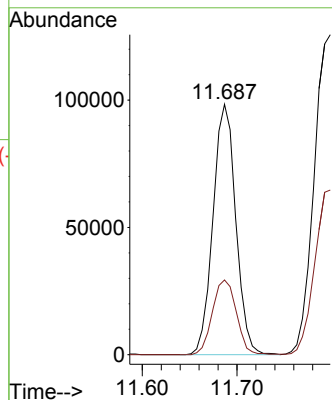
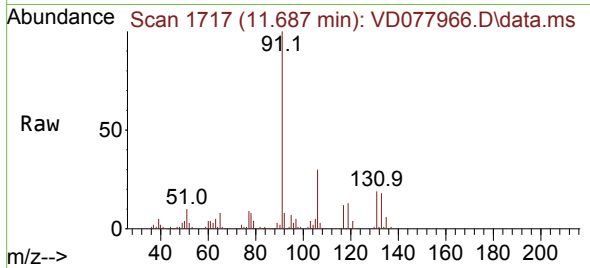




#67
Ethyl Benzene
Concen: 20.724 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

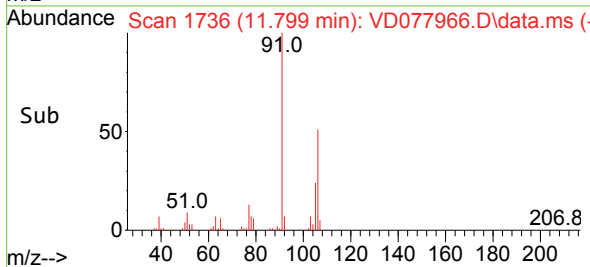
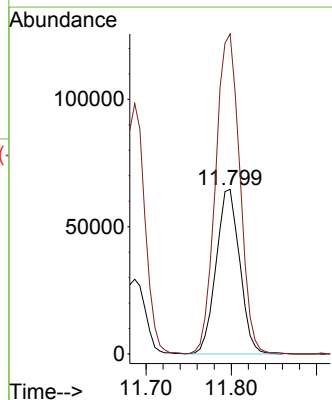
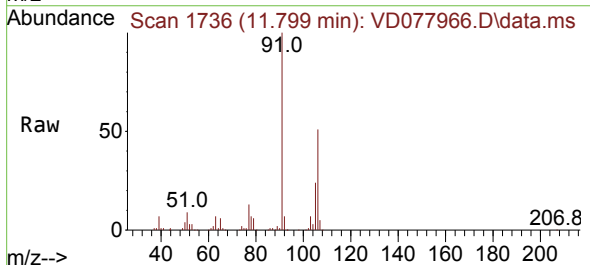
Instrument :
MSVOA_D
ClientSampleId :

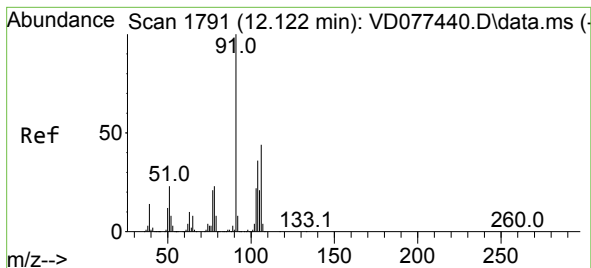
Tgt Ion: 91 Resp: 164315
Ion Ratio Lower Upper
91 100
106 29.8 26.5 39.7



#68
m/p-Xylenes
Concen: 41.115 ug/l
RT: 11.799 min Scan# 1736
Delta R.T. 0.007 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

Tgt Ion:106 Resp: 124693
Ion Ratio Lower Upper
106 100
91 199.6 147.0 220.6





#69

o-Xylene

Concen: 21.109 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD077966.D

Acq: 19 Dec 2023 11:25

Instrument :

MSVOA_D

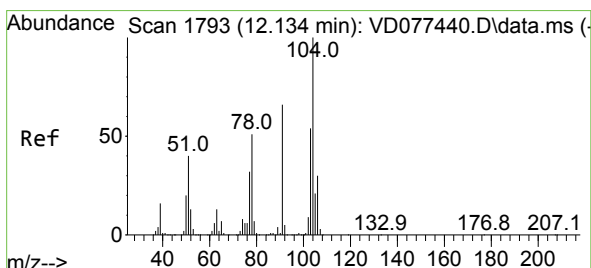
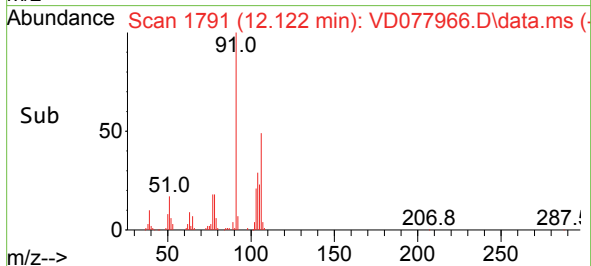
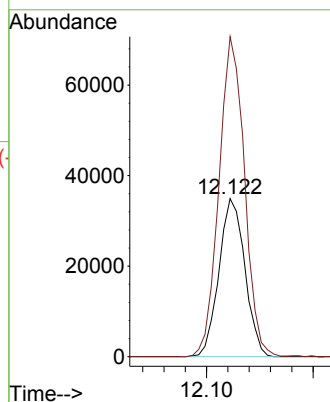
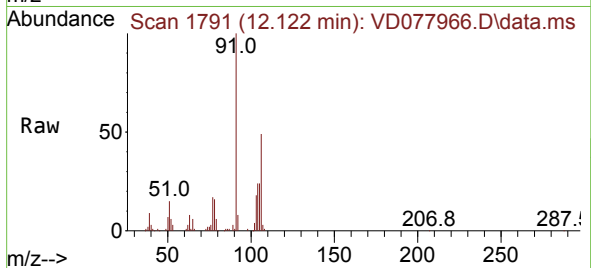
ClientSampleId :

Tgt Ion:106 Resp: 59001

Ion Ratio Lower Upper

106 100

91 199.6 97.9 293.6



#70

Styrene

Concen: 21.240 ug/l

RT: 12.140 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VD077966.D

Acq: 19 Dec 2023 11:25

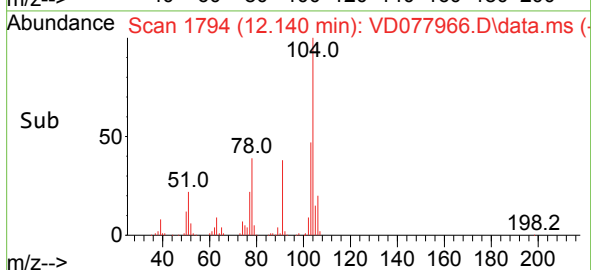
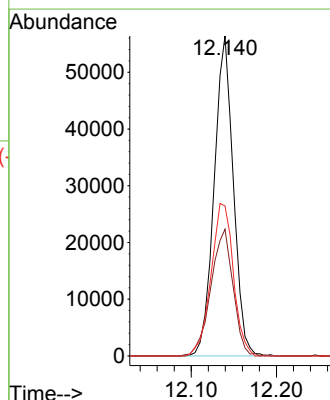
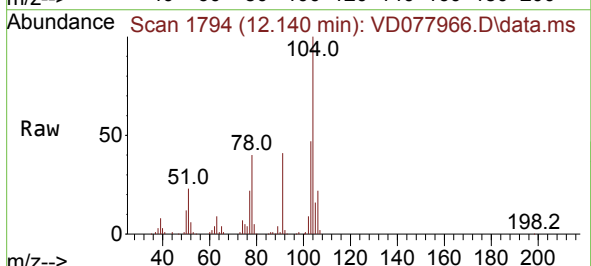
Tgt Ion:104 Resp: 88276

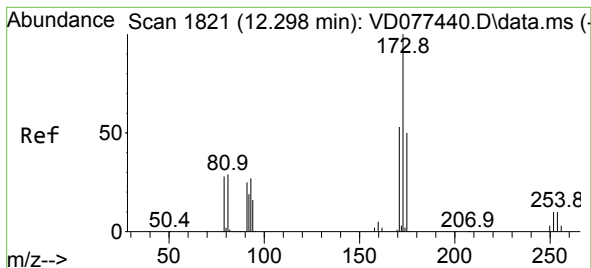
Ion Ratio Lower Upper

104 100

78 45.7 33.2 49.8

103 55.3 43.6 65.4





#71

Bromoform

Concen: 22.386 ug/l

RT: 12.298 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077966.D

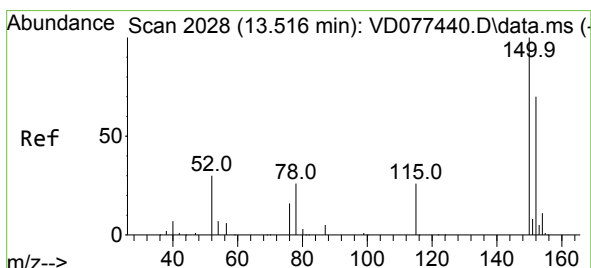
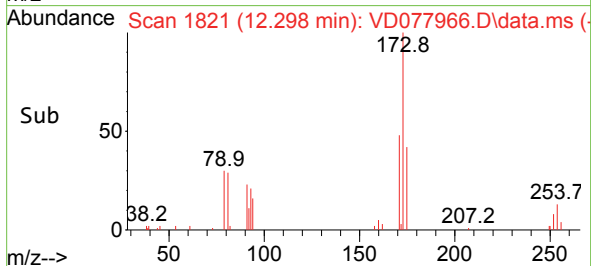
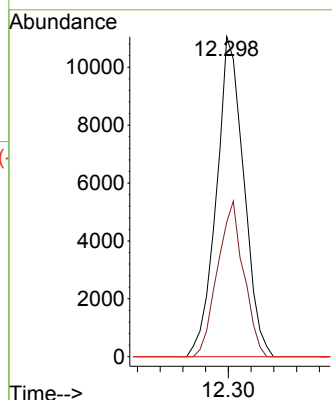
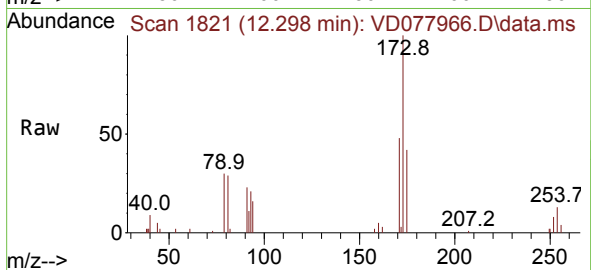
Acq: 19 Dec 2023 11:25

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	18524
Ion Ratio	Lower	Upper
173	100	
175	46.3	24.6 73.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

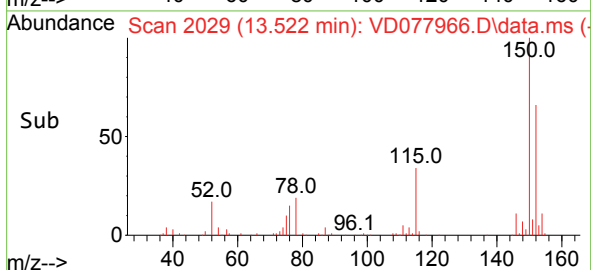
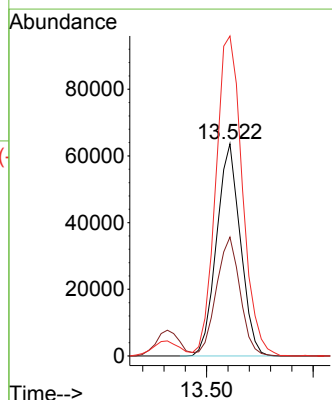
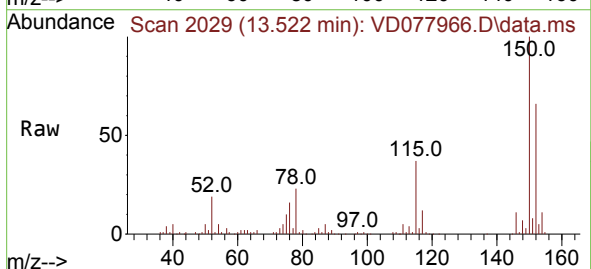
RT: 13.522 min Scan# 2029

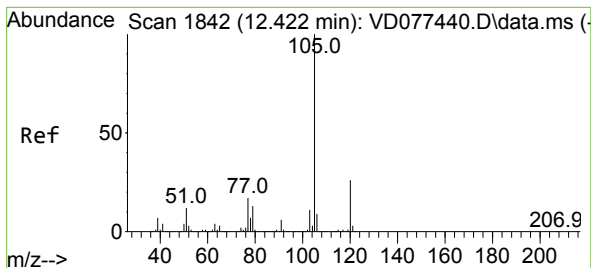
Delta R.T. 0.006 min

Lab File: VD077966.D

Acq: 19 Dec 2023 11:25

Tgt Ion:152	Resp:	98565
Ion Ratio	Lower	Upper
152	100	
115	56.0	27.1 81.3
150	168.5	0.0 353.6





#73

Isopropylbenzene

Concen: 21.103 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077966.D

Acq: 19 Dec 2023 11:25

Instrument :

MSVOA_D

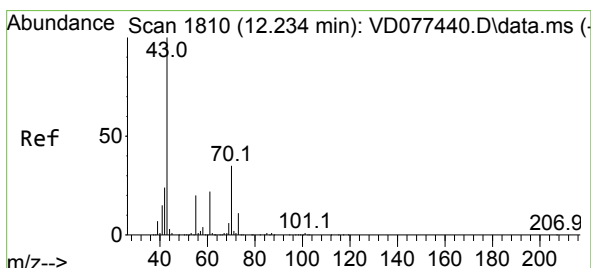
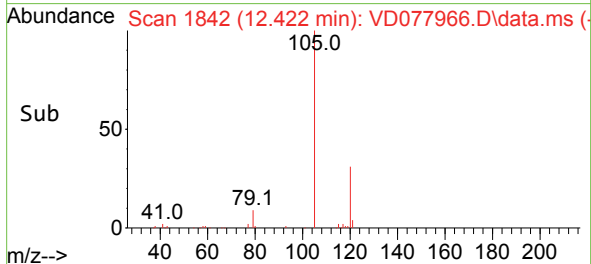
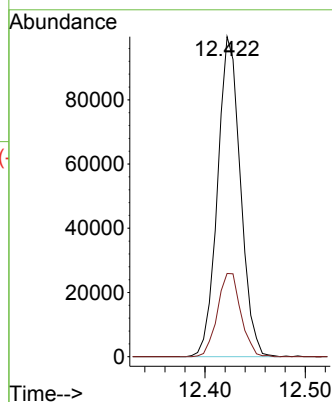
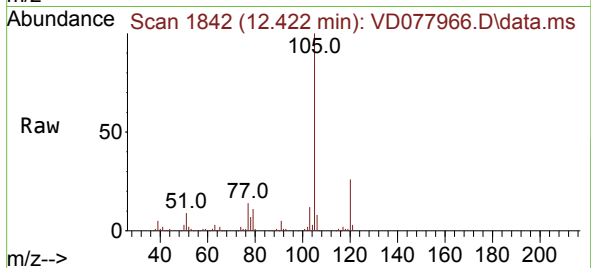
ClientSampleId :

Tgt Ion:105 Resp: 157646

Ion Ratio Lower Upper

105 100

120 26.6 14.3 42.9



#74

N-ethyl acetate

Concen: 18.152 ug/l

RT: 12.240 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VD077966.D

Acq: 19 Dec 2023 11:25

Tgt Ion: 43 Resp: 26656

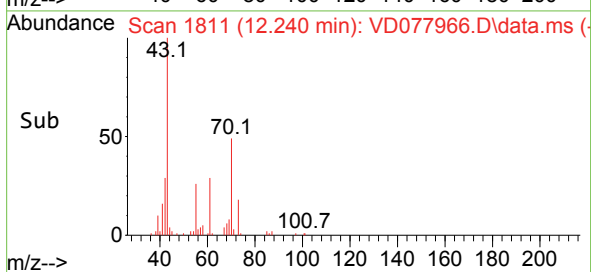
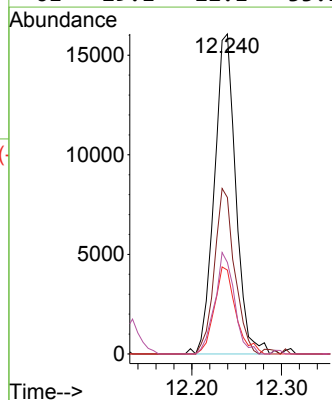
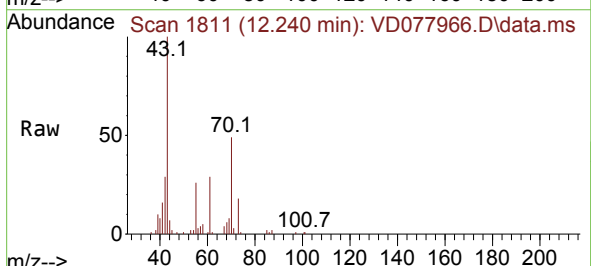
Ion Ratio Lower Upper

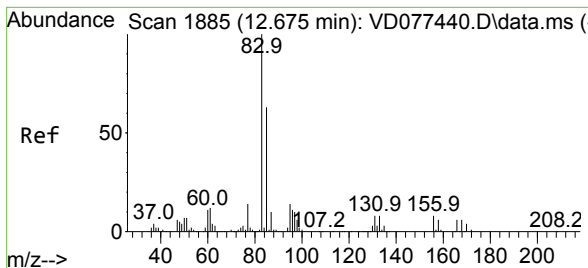
43 100

70 48.7 45.0 67.4

55 27.0 23.8 35.6

61 29.1 22.1 33.1

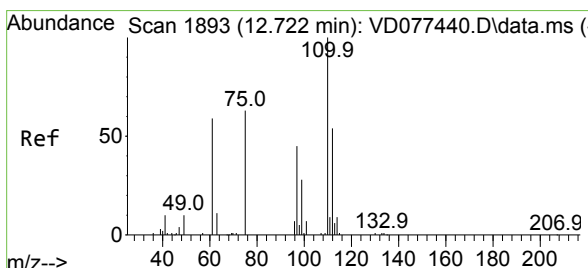
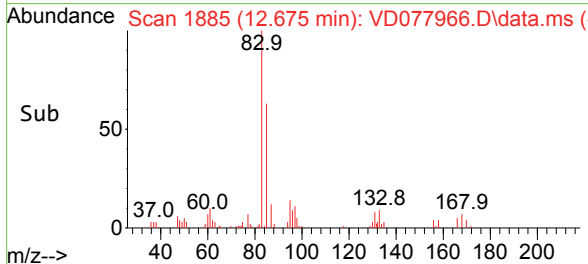
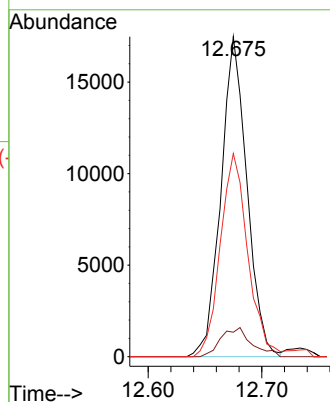
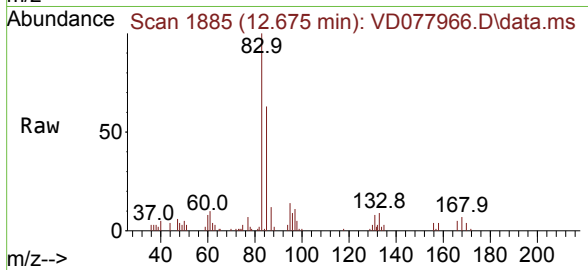




#75
1,1,2,2-Tetrachloroethane
Concen: 21.368 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

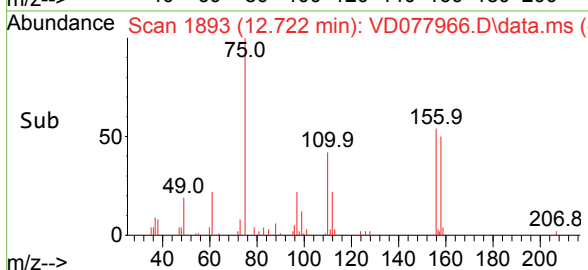
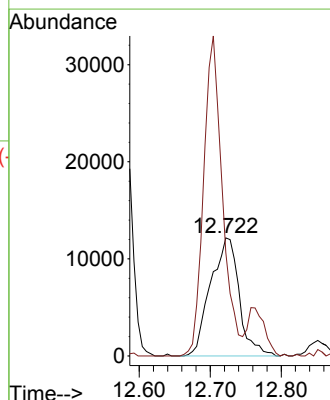
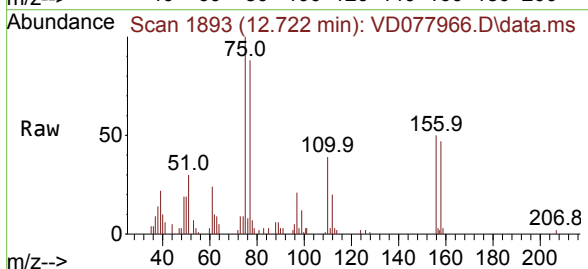
Instrument :
MSVOA_D
ClientSampleId :

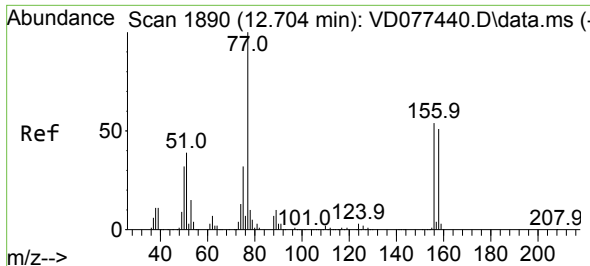
Tgt Ion: 83 Resp: 27833
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.3
85 67.4 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 39.782 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

Tgt Ion: 75 Resp: 34055
Ion Ratio Lower Upper
75 100
77 179.5 0.0 0.0#

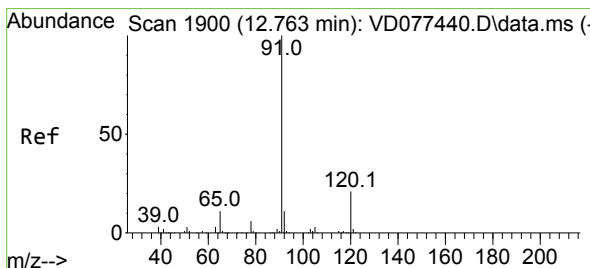
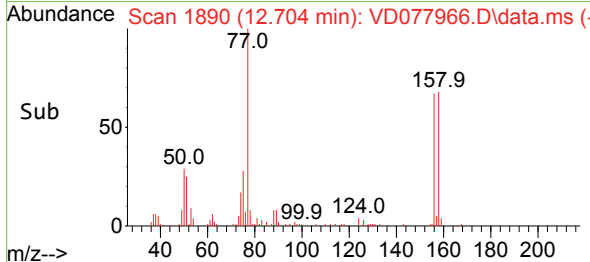
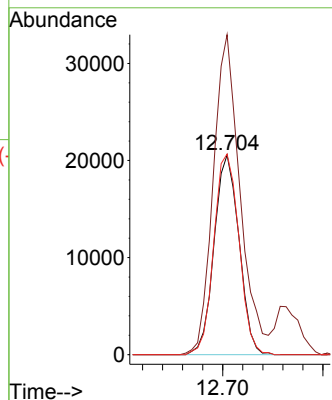
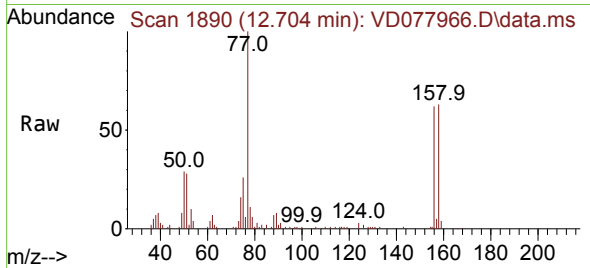




#77
Bromobenzene
Concen: 20.178 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

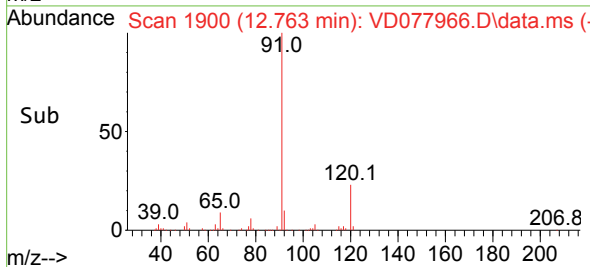
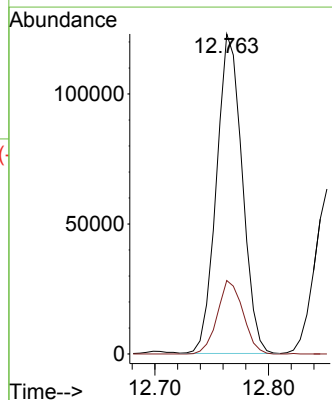
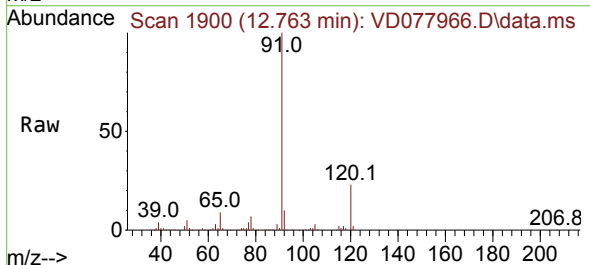
Instrument :
MSVOA_D
ClientSampleId :

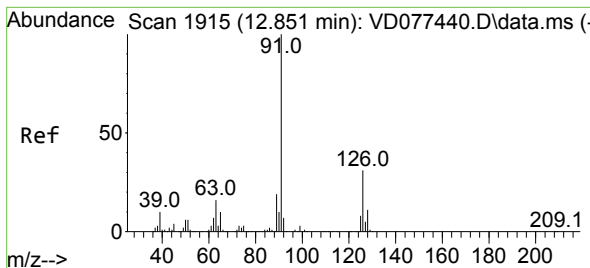
Tgt Ion	Ratio	Lower	Upper
156	100		
77	172.4	76.8	230.4
158	101.5	48.6	145.9



#78
n-propylbenzene
Concen: 21.244 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	12.4	37.2





#79

2-Chlorotoluene

Concen: 21.099 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077966.D

Acq: 19 Dec 2023 11:25

Instrument :

MSVOA_D

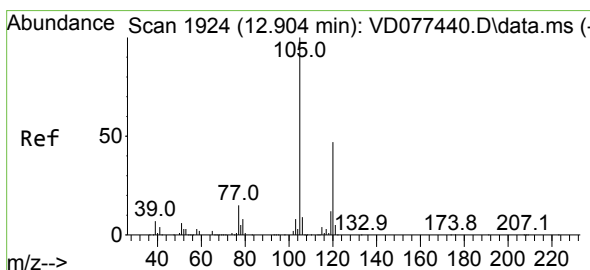
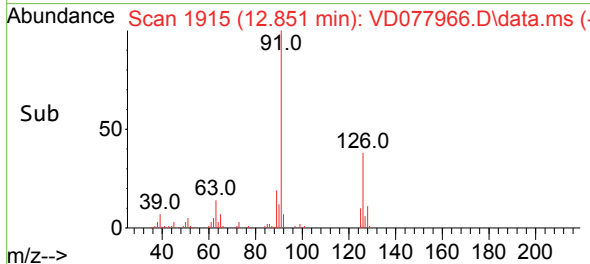
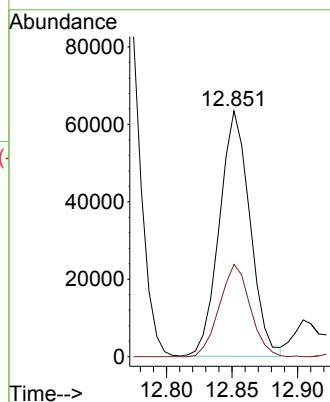
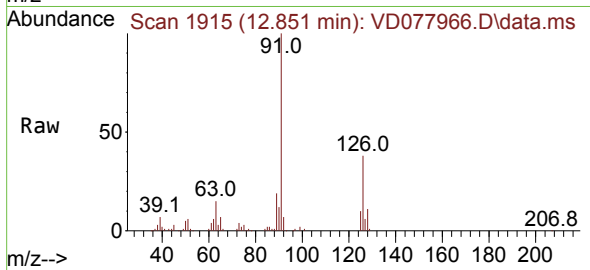
ClientSampleId :

Tgt Ion: 91 Resp: 102928

Ion Ratio Lower Upper

91 100

126 37.8 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 20.968 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077966.D

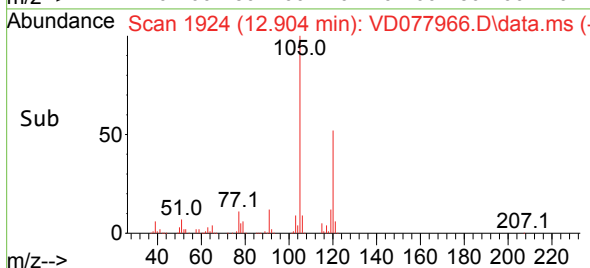
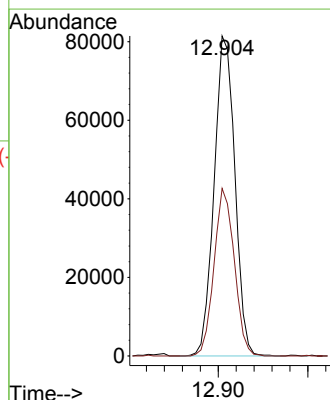
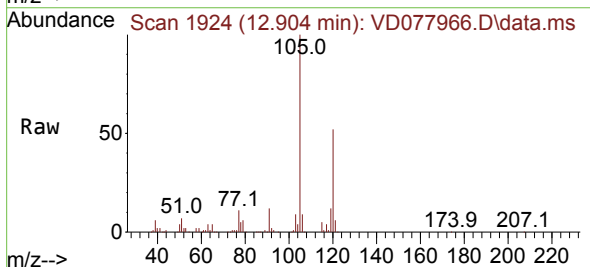
Acq: 19 Dec 2023 11:25

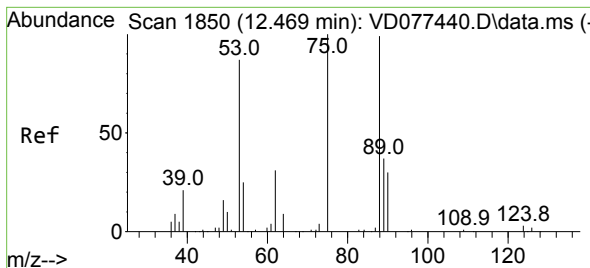
Tgt Ion:105 Resp: 130645

Ion Ratio Lower Upper

105 100

120 51.2 26.4 79.2

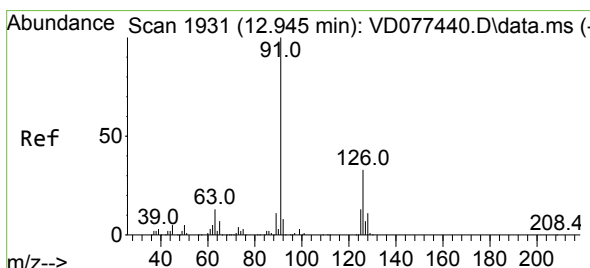
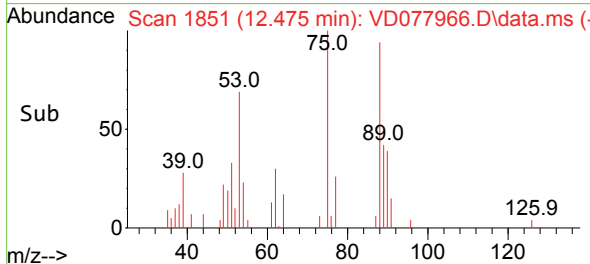
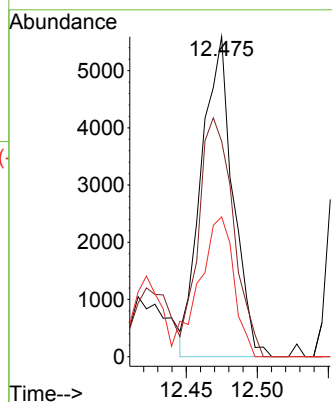
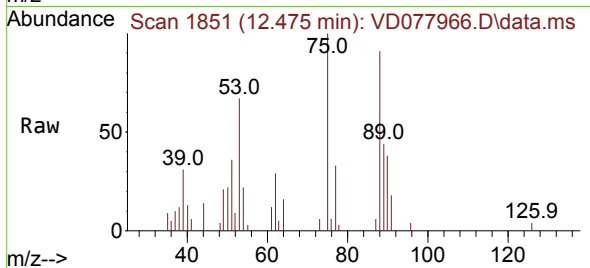




#81
trans-1,4-Dichloro-2-butene
Concen: 20.477 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

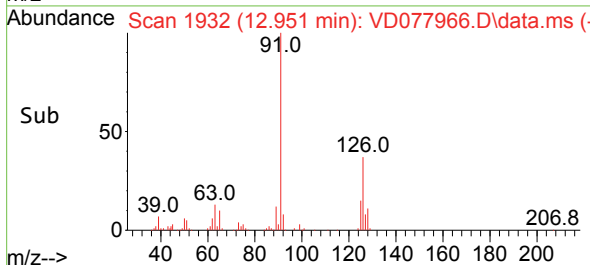
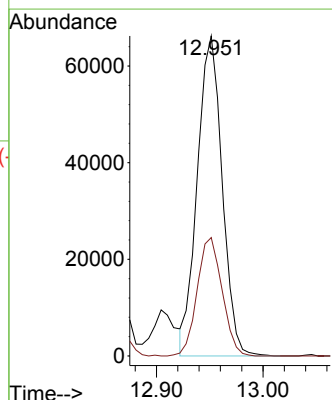
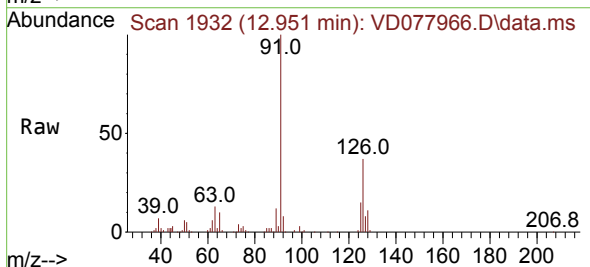
Instrument :
MSVOA_D
ClientSampleId :

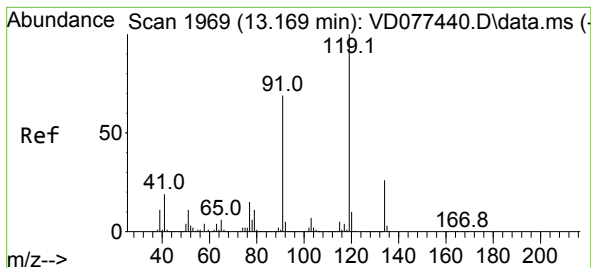
Tgt Ion: 75 Resp: 8652
Ion Ratio Lower Upper
75 100
53 82.1 63.0 94.4
89 47.9 37.9 56.9



#82
4-Chlorotoluene
Concen: 21.095 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

Tgt Ion: 91 Resp: 107580
Ion Ratio Lower Upper
91 100
126 37.1 19.4 58.4





#83

tert-Butylbenzene

Concen: 21.383 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077966.D

Acq: 19 Dec 2023 11:25

Instrument :

MSVOA_D

ClientSampleId :

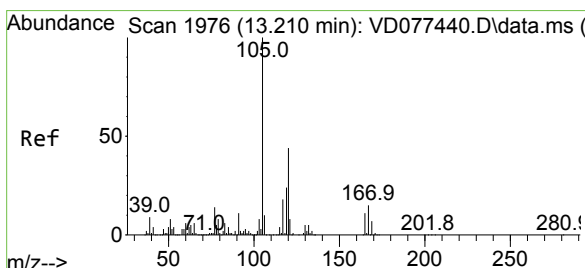
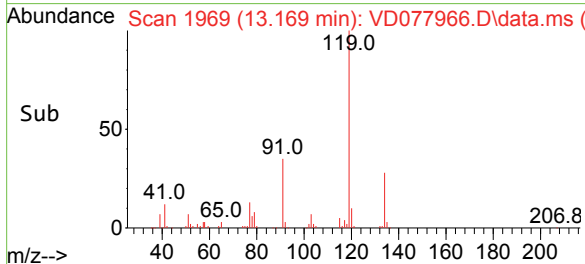
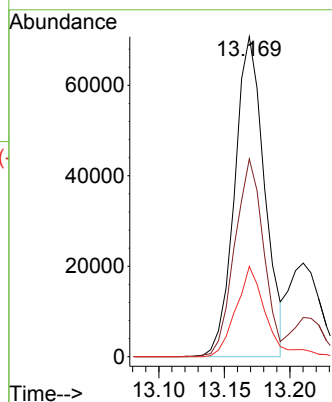
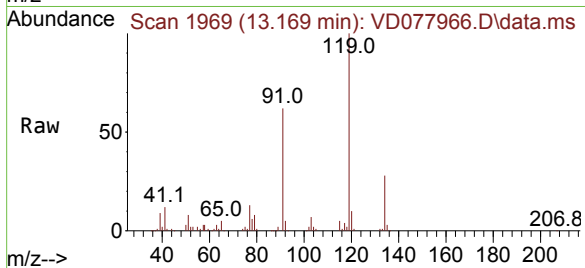
Tgt Ion:119 Resp: 112474

Ion Ratio Lower Upper

119 100

91 59.7 29.3 87.8

134 28.4 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 21.036 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD077966.D

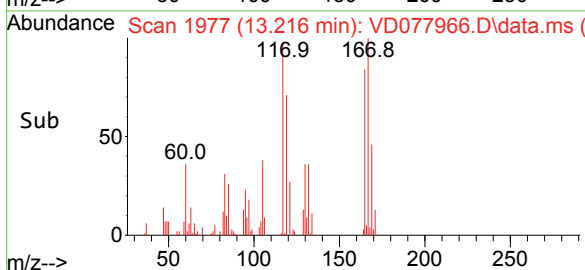
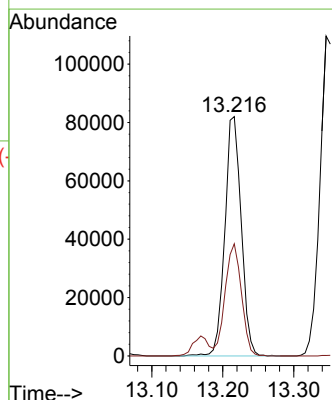
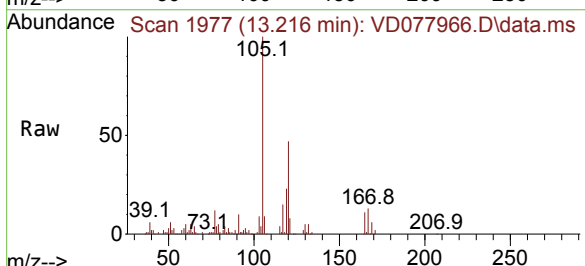
Acq: 19 Dec 2023 11:25

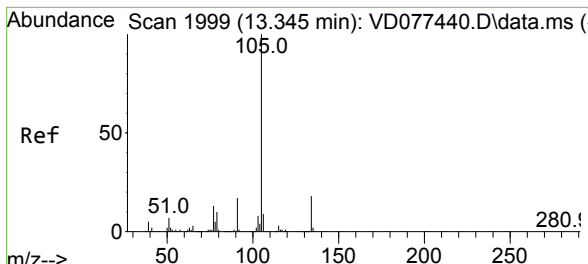
Tgt Ion:105 Resp: 131090

Ion Ratio Lower Upper

105 100

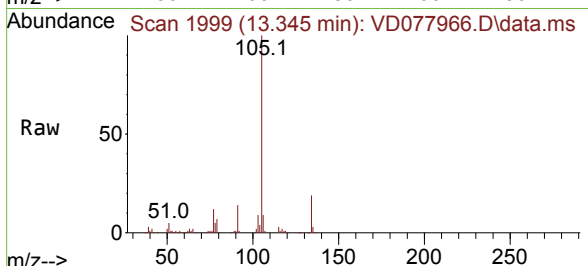
120 46.6 24.3 72.9





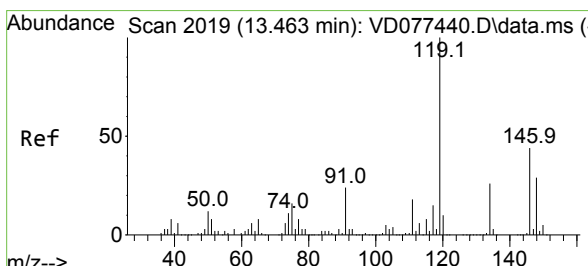
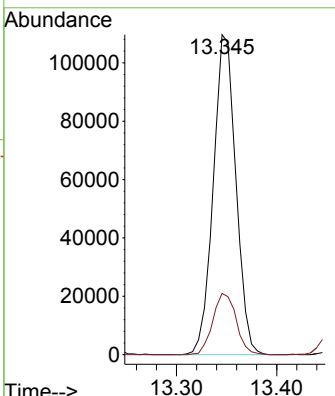
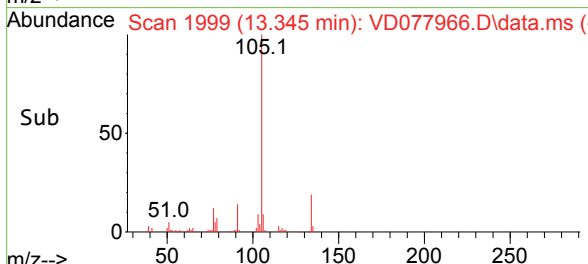
#85
 sec-Butylbenzene
 Concen: 22.055 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077966.D
 Acq: 19 Dec 2023 11:25

Instrument :
 MSVOA_D
 ClientSampleId :

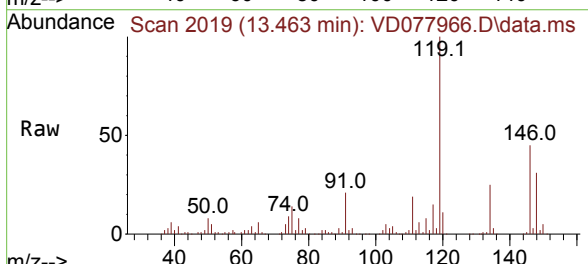


Tgt Ion:105 Resp: 171480

Ion	Ratio	Lower	Upper
105	100		
134	19.8	10.9	32.9

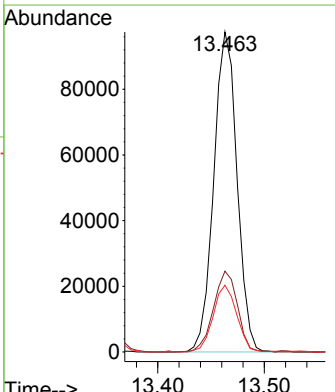
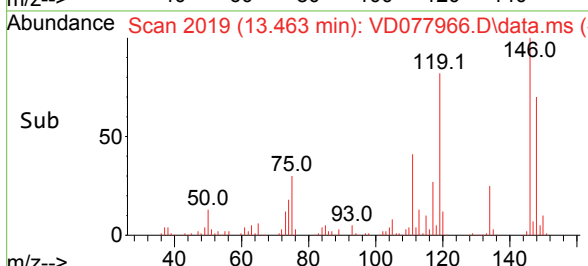


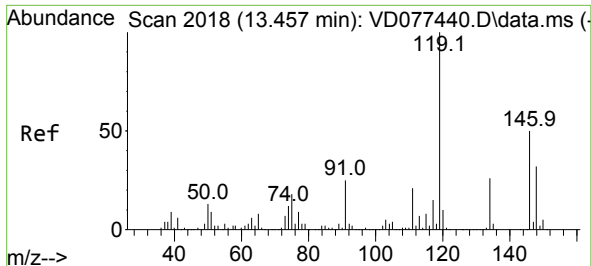
#86
 p-Isopropyltoluene
 Concen: 21.193 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077966.D
 Acq: 19 Dec 2023 11:25



Tgt Ion:119 Resp: 147531

Ion	Ratio	Lower	Upper
119	100		
134	26.1	14.2	42.6
91	21.2	10.5	31.5

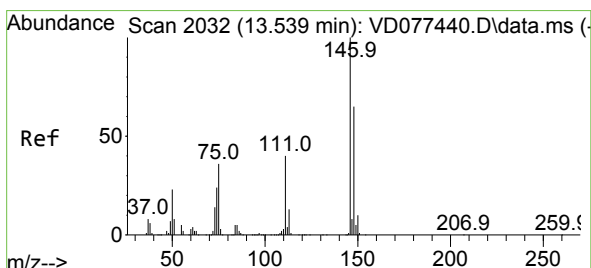
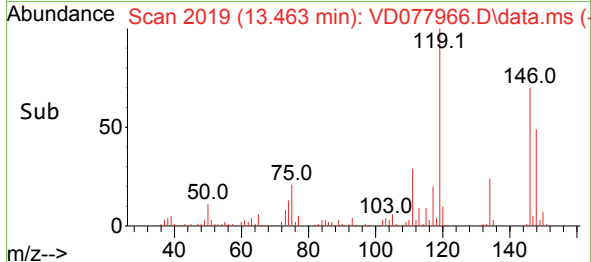
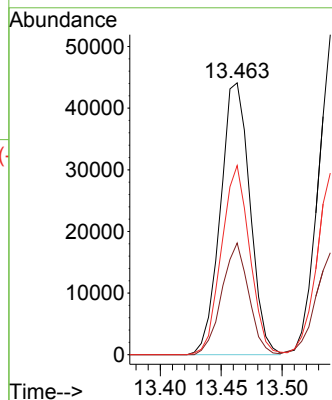
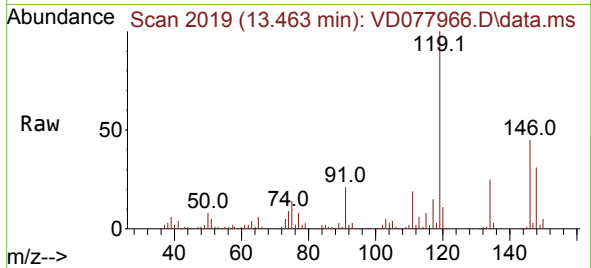




#87
1,3-Dichlorobenzene
Concen: 20.716 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

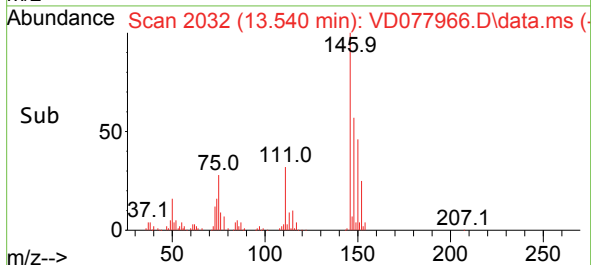
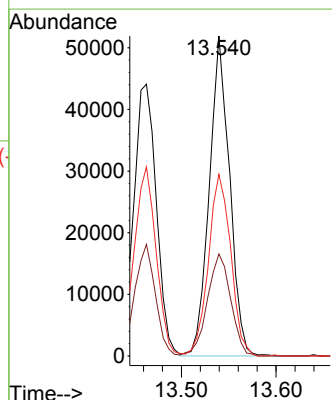
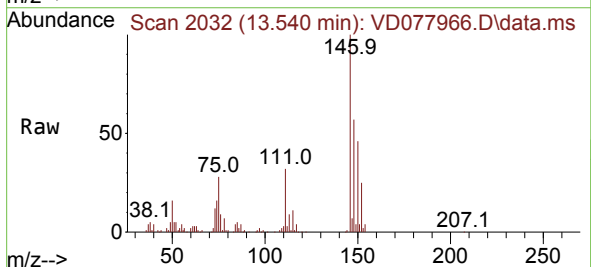
Instrument :
MSVOA_D
ClientSampleId :

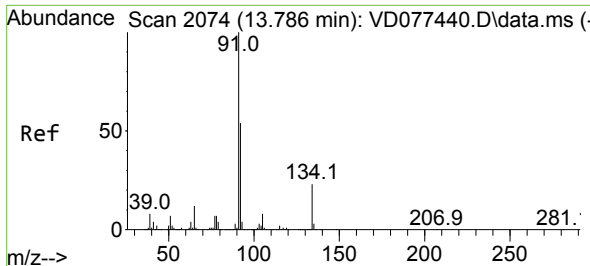
Tgt Ion:146 Resp: 74437
Ion Ratio Lower Upper
146 100
111 37.4 17.9 53.8
148 66.7 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 20.587 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.001 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

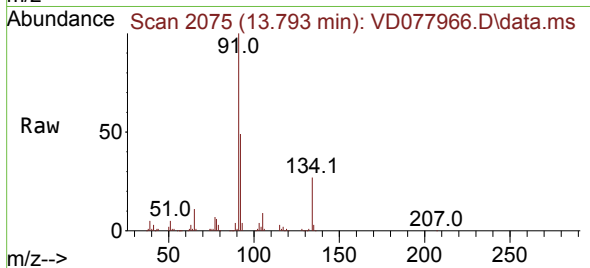
Tgt Ion:146 Resp: 77225
Ion Ratio Lower Upper
146 100
111 36.6 17.4 52.3
148 62.3 31.7 95.1



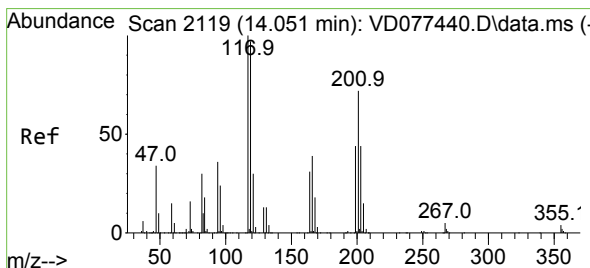
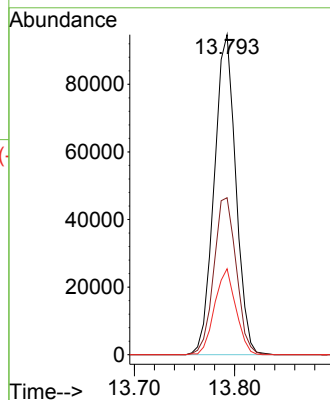
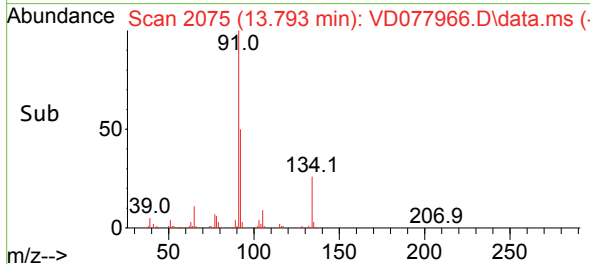


#89
n-Butylbenzene
Concen: 21.637 ug/l
RT: 13.793 min Scan# 2075
Delta R.T. 0.007 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

Instrument :
MSVOA_D
ClientSampleId :

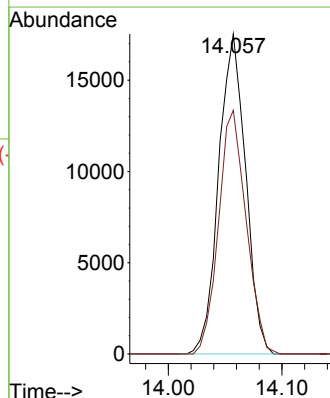
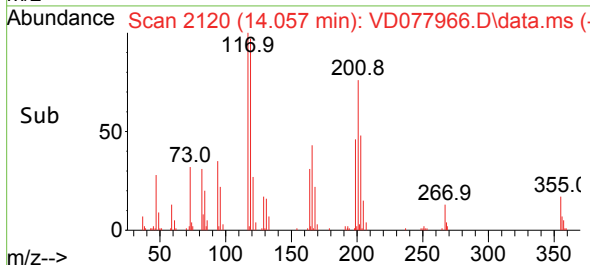
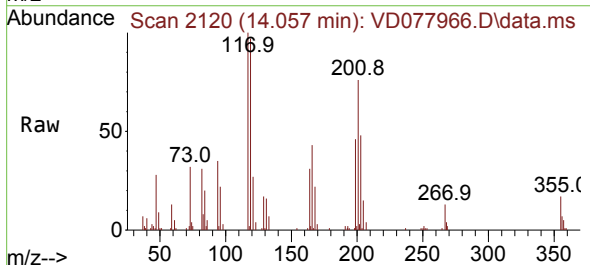


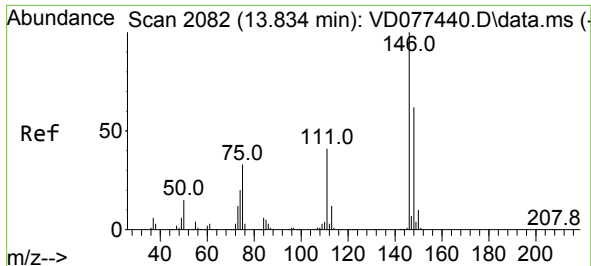
Tgt Ion: 91 Resp: 141731
Ion Ratio Lower Upper
91 100
92 51.0 26.5 79.5
134 26.4 13.8 41.3



#90
Hexachloroethane
Concen: 22.552 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

Tgt Ion: 117 Resp: 28871
Ion Ratio Lower Upper
117 100
201 78.1 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 21.258 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

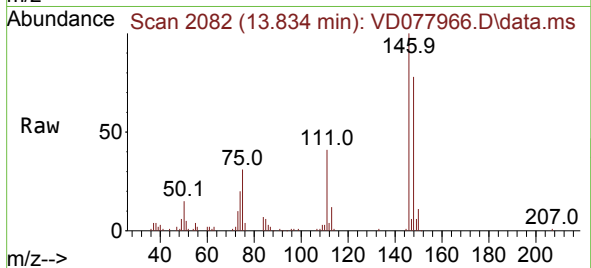
Lab File: VD077966.D

Acq: 19 Dec 2023 11:25

Instrument :

MSVOA_D

ClientSampleId :



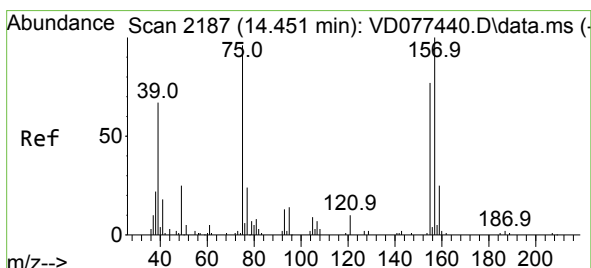
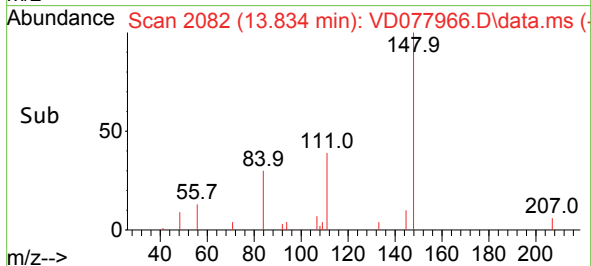
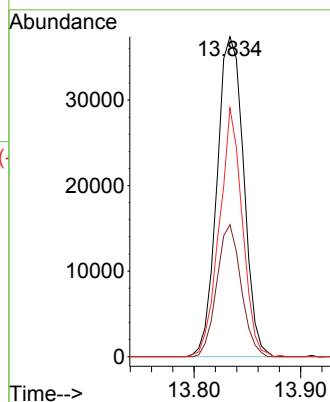
Tgt Ion:146 Resp: 64965

Ion Ratio Lower Upper

146 100

111 37.7 18.3 54.8

148 67.3 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.748 ug/l

RT: 14.457 min Scan# 2188

Delta R.T. 0.006 min

Lab File: VD077966.D

Acq: 19 Dec 2023 11:25

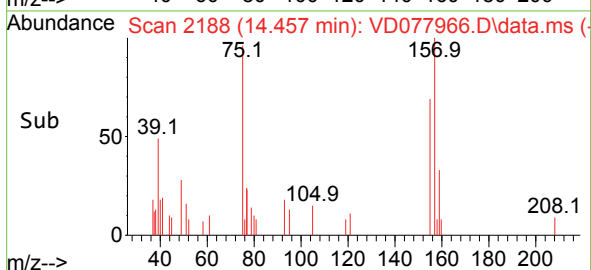
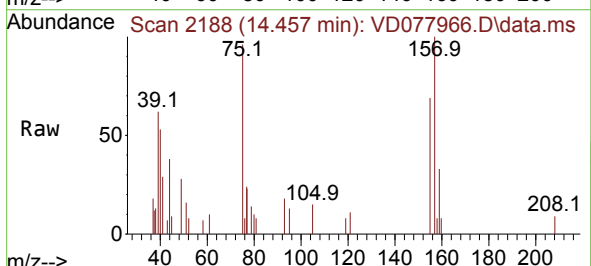
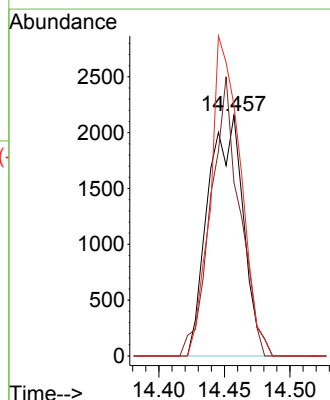
Tgt Ion: 75 Resp: 4023

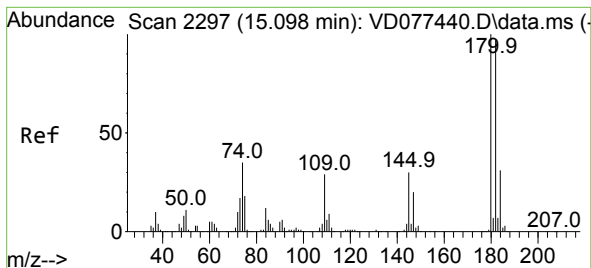
Ion Ratio Lower Upper

75 100

155 94.2 47.9 143.8

157 114.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.618 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

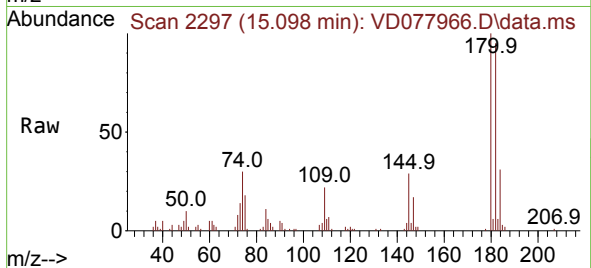
Lab File: VD077966.D

Acq: 19 Dec 2023 11:25

Instrument :

MSVOA_D

ClientSampleId :



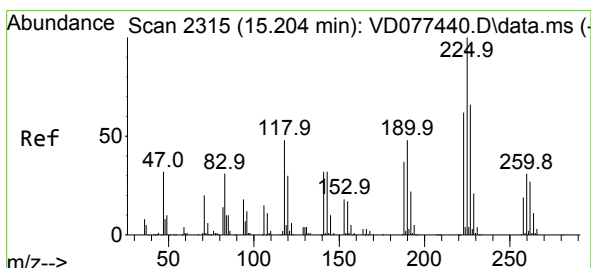
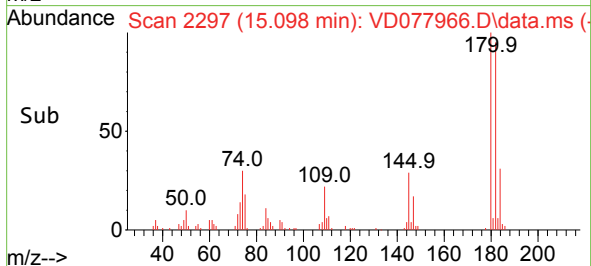
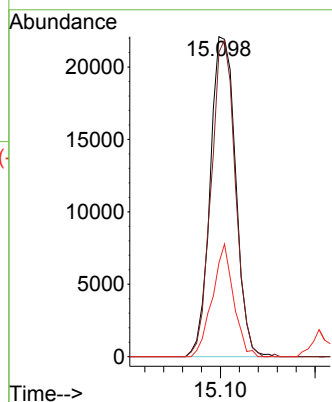
Tgt Ion:180 Resp: 40952

Ion Ratio Lower Upper

180 100

182 94.3 48.5 145.6

145 29.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.151 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD077966.D

Acq: 19 Dec 2023 11:25

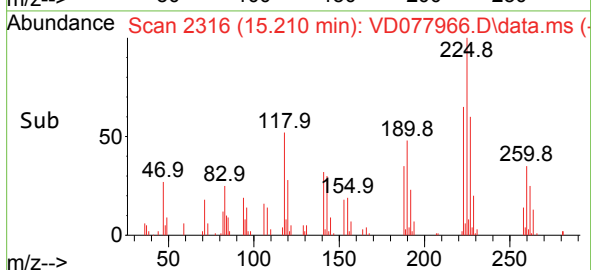
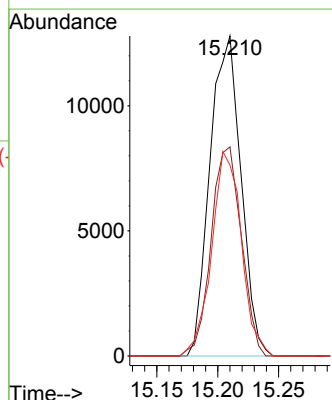
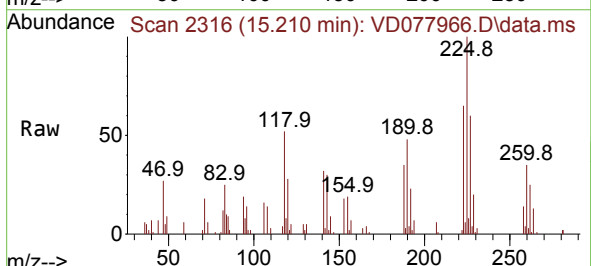
Tgt Ion:225 Resp: 22683

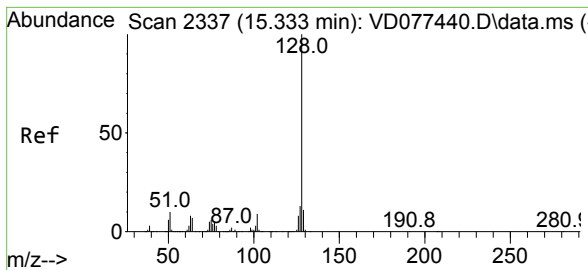
Ion Ratio Lower Upper

225 100

223 63.6 31.6 94.8

227 61.4 31.7 95.1

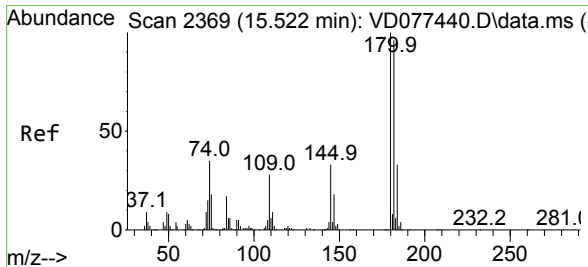
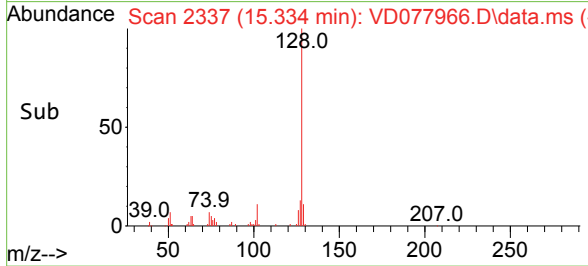
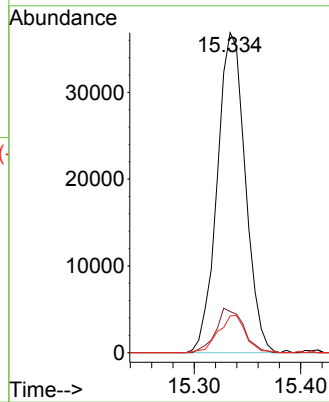
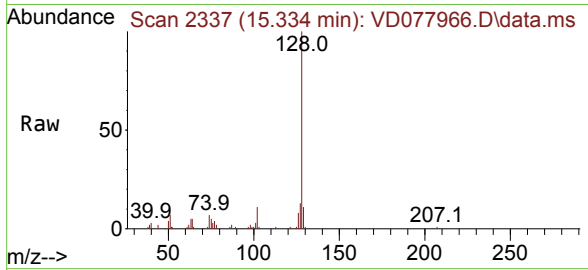




#95
Naphthalene
Concen: 19.481 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 67564
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.693 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077966.D
Acq: 19 Dec 2023 11:25

Tgt Ion:180 Resp: 33889
Ion Ratio Lower Upper
180 100
182 94.9 47.3 141.9
145 31.9 15.1 45.3

