

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110223\
 Data File : VD077489.D
 Acq On : 02 Nov 2023 12:24
 Operator : JC/SY
 Sample : VD1102SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 03 01:02:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	219289	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	394482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	343929	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	154907	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	157972	50.945	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.880%	
35) Dibromofluoromethane	7.811	113	139998	51.347	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.700%	
50) Toluene-d8	10.269	98	568717	53.701	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.400%	
62) 4-Bromofluorobenzene	12.575	95	177696	49.818	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.640%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	36052	20.389	ug/l	98
3) Chloromethane	2.152	50	54872	19.547	ug/l	98
4) Vinyl Chloride	2.287	62	63028	23.024	ug/l	98
5) Bromomethane	2.693	94	37517	26.154	ug/l	100
6) Chloroethane	2.840	64	45018	24.426	ug/l	97
7) Trichlorofluoromethane	3.181	101	78235	20.408	ug/l	97
8) Diethyl Ether	3.599	74	27990	20.312	ug/l	62
9) 1,1,2-Trichlorotrifluo...	3.964	101	47834	20.669	ug/l	93
10) Methyl Iodide	4.170	142	46982	18.211	ug/l #	89
11) Tert butyl alcohol	5.052	59	23170	94.329	ug/l #	89
12) 1,1-Dichloroethene	3.946	96	42595	19.441	ug/l #	75
13) Acrolein	3.805	56	31400	96.940	ug/l	97
14) Allyl chloride	4.570	41	104570	19.784	ug/l #	83
15) Acrylonitrile	5.258	53	73395	98.527	ug/l	96
16) Acetone	4.022	43	86424	105.328	ug/l #	83
17) Carbon Disulfide	4.275	76	88527	15.871	ug/l	98
18) Methyl Acetate	4.575	43	57644	19.260	ug/l #	77
19) Methyl tert-butyl Ether	5.317	73	132083	19.206	ug/l	94
20) Methylene Chloride	4.811	84	66357	20.065	ug/l #	67
21) trans-1,2-Dichloroethene	5.317	96	47219	18.505	ug/l #	69
22) Diisopropyl ether	6.222	45	229002	20.385	ug/l #	88
23) Vinyl Acetate	6.158	43	548735	113.226	ug/l #	83
24) 1,1-Dichloroethane	6.117	63	119174	20.445	ug/l	92
25) 2-Butanone	7.087	43	107157	97.909	ug/l #	68
26) 2,2-Dichloropropane	7.075	77	104550	20.240	ug/l	89
27) cis-1,2-Dichloroethene	7.081	96	64594	20.433	ug/l	70
28) Bromochloromethane	7.428	49	41173	17.030	ug/l #	54
29) Tetrahydrofuran	7.446	42	62406	96.142	ug/l #	69
30) Chloroform	7.605	83	114227	20.988	ug/l	91
31) Cyclohexane	7.881	56	94130	19.419	ug/l #	78
32) 1,1,1-Trichloroethane	7.799	97	91742	20.459	ug/l	94
36) 1,1-Dichloropropene	8.011	75	80473	19.907	ug/l	91
37) Ethyl Acetate	7.169	43	44492	19.178	ug/l #	88
38) Carbon Tetrachloride	7.999	117	76095	19.976	ug/l	94
39) Methylcyclohexane	9.275	83	84728	18.369	ug/l #	79
40) Benzene	8.258	78	232381	20.159	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	26911	18.129	ug/l #	75
42) 1,2-Dichloroethane	8.334	62	69124	18.933	ug/l	90
43) Isopropyl Acetate	8.363	43	90100	18.820	ug/l #	81
44) Trichloroethene	9.028	130	54918	19.449	ug/l	85
45) 1,2-Dichloropropane	9.305	63	69460	20.467	ug/l	98
46) Dibromomethane	9.399	93	30466	18.654	ug/l	90
47) Bromodichloromethane	9.587	83	84737	19.630	ug/l	99
48) Methyl methacrylate	9.381	41	42098	18.422	ug/l #	66
49) 1,4-Dioxane	9.387	88	6772	385.889	ug/l #	56
51) 4-Methyl-2-Pentanone	10.157	43	223464	94.830	ug/l #	80
52) Toluene	10.334	92	144164	20.515	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	89217	19.518	ug/l	98
54) cis-1,3-Dichloropropene	10.022	75	104744	19.913	ug/l #	73
55) 1,1,2-Trichloroethane	10.734	97	43248	19.848	ug/l	93
56) Ethyl methacrylate	10.599	69	61150	18.875	ug/l #	61
57) 1,3-Dichloropropane	10.881	76	80678	19.809	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	144096	88.844	ug/l #	85
59) 2-Hexanone	10.922	43	169976	97.916	ug/l	78
60) Dibromochloromethane	11.075	129	50703	19.352	ug/l	96
61) 1,2-Dibromoethane	11.181	107	39014	18.907	ug/l	97
64) Tetrachloroethene	10.810	164	44644	20.388	ug/l	92
65) Chlorobenzene	11.610	112	150396	20.873	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	54502	20.017	ug/l	98
67) Ethyl Benzene	11.687	91	287751	20.756	ug/l	95
68) m/p-Xylenes	11.793	106	207393	41.426	ug/l	80
69) o-Xylene	12.122	106	97709	20.376	ug/l	81
70) Styrene	12.140	104	169421	20.480	ug/l #	91
71) Bromoform	12.304	173	29295	19.407	ug/l #	99
73) Isopropylbenzene	12.422	105	276424	21.887	ug/l	93
74) N-amyl acetate	12.234	43	83724	18.716	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.675	83	50314	20.323	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	65758	34.878	ug/l #	100
77) Bromobenzene	12.704	156	57536	20.697	ug/l	71
78) n-propylbenzene	12.763	91	347238	21.653	ug/l	92
79) 2-Chlorotoluene	12.851	91	188191	20.726	ug/l	89
80) 1,3,5-Trimethylbenzene	12.904	105	225330	21.263	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.469	75	18443	18.896	ug/l #	81
82) 4-Chlorotoluene	12.951	91	196153	20.740	ug/l	89
83) tert-Butylbenzene	13.169	119	191422	21.484	ug/l	89
84) 1,2,4-Trimethylbenzene	13.216	105	221660	21.056	ug/l	92
85) sec-Butylbenzene	13.346	105	297281	21.807	ug/l	93
86) p-Isopropyltoluene	13.463	119	243333	21.960	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	112035	20.502	ug/l	95
88) 1,4-Dichlorobenzene	13.540	146	112696	20.642	ug/l	95
89) n-Butylbenzene	13.787	91	253381	22.000	ug/l	97
90) Hexachloroethane	14.057	117	47270	20.846	ug/l	92
91) 1,2-Dichlorobenzene	13.834	146	98675	20.547	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7736	18.548	ug/l	80
93) 1,2,4-Trichlorobenzene	15.098	180	63876	19.362	ug/l	97
94) Hexachlorobutadiene	15.204	225	36759	20.656	ug/l	98
95) Naphthalene	15.334	128	121118	19.245	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	54533	19.149	ug/l	96

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ALS Vial : 6 Sample Multiplier: 1

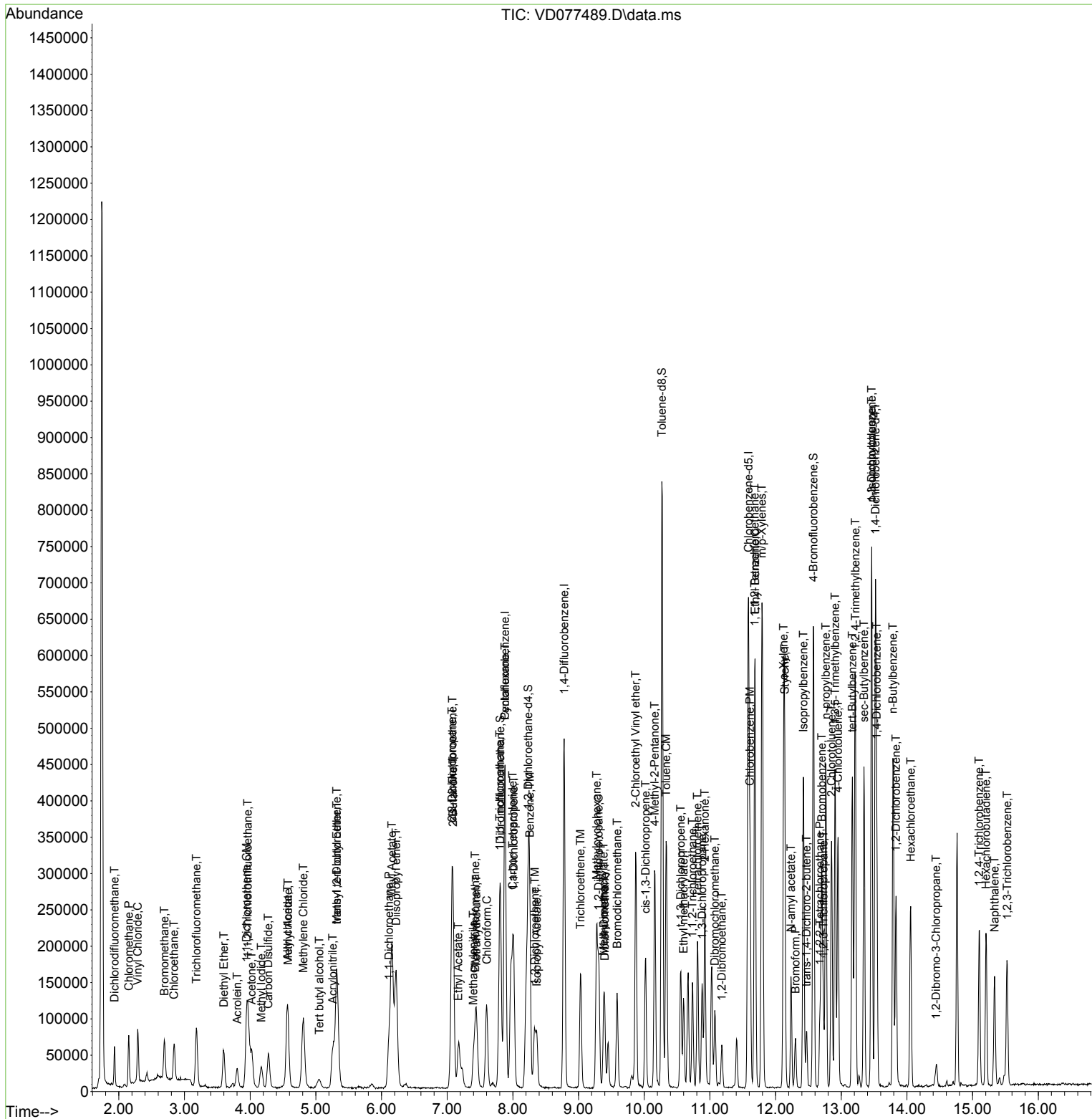
Instrument :
MSVOA_D
ClientSampleId :

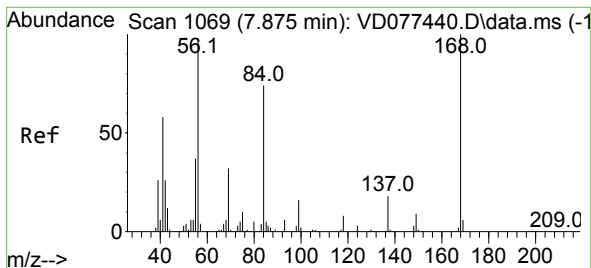
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Quant Title : SW846 8260
QLast Update : Tue Oct 31 04:19:17 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD077489.D

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Instrument :

MSVOA_D

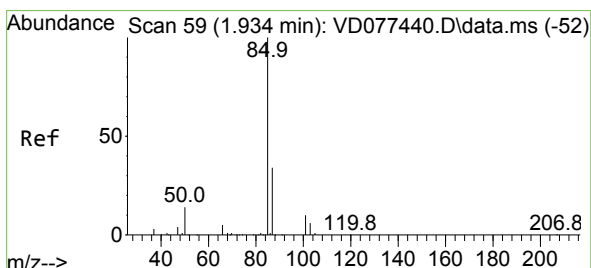
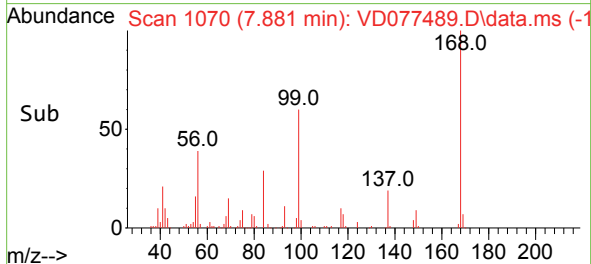
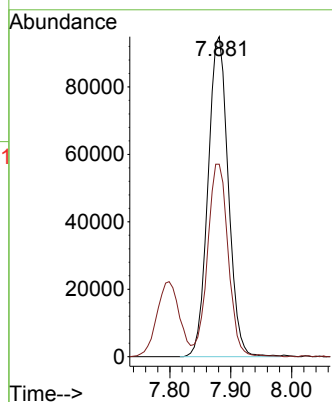
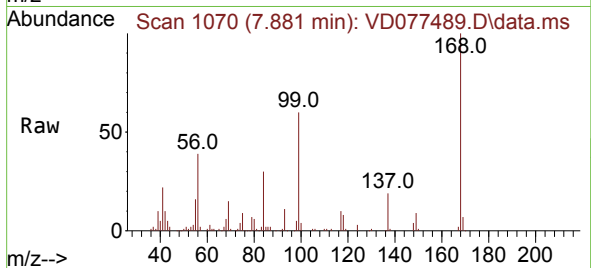
ClientSampleId :

Tgt Ion:168 Resp: 219289

Ion Ratio Lower Upper

168 100

99 59.9 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 20.389 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077489.D

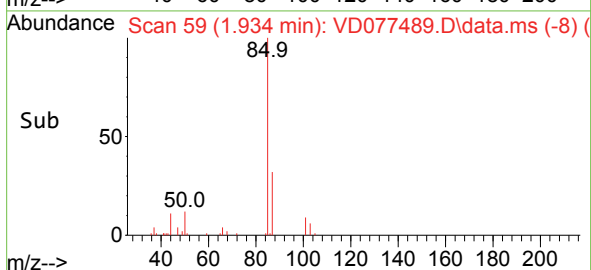
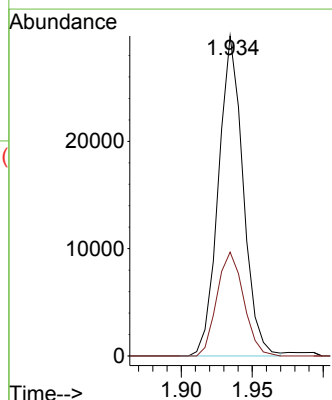
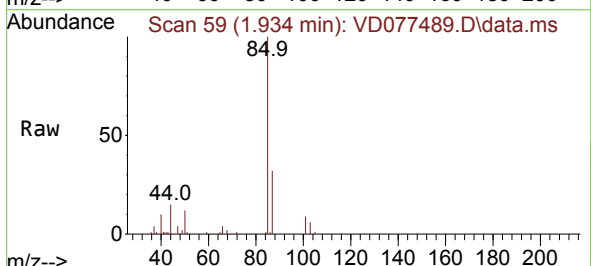
Acq: 02 Nov 2023 12:24

Tgt Ion: 85 Resp: 36052

Ion Ratio Lower Upper

85 100

87 32.5 15.7 47.0

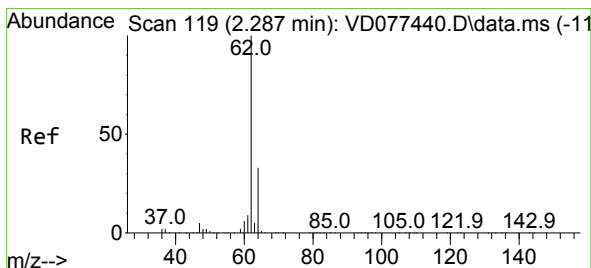
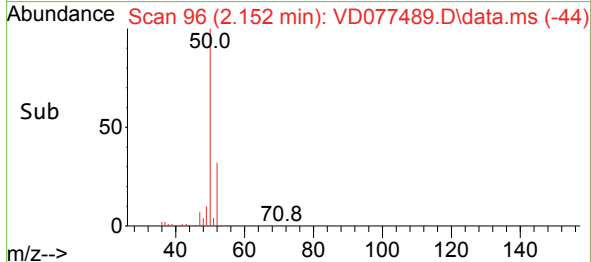
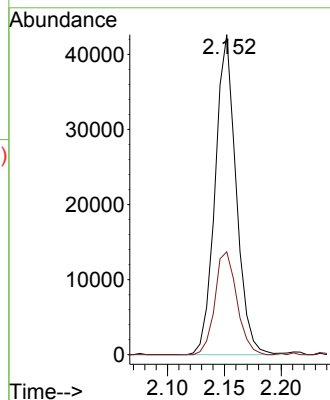
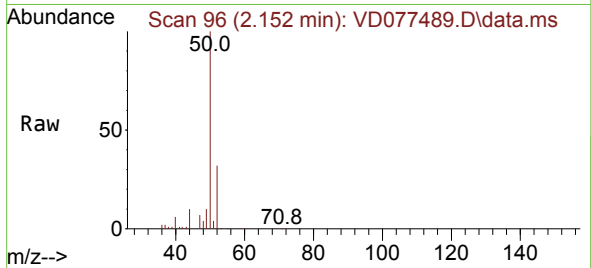




#3
Chloromethane
Concen: 19.547 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

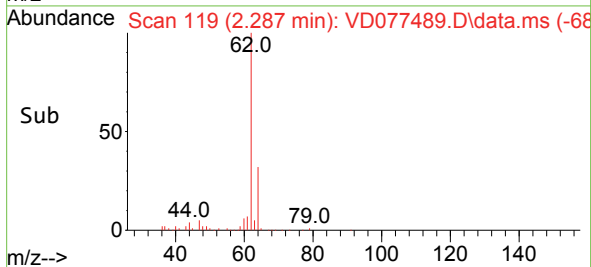
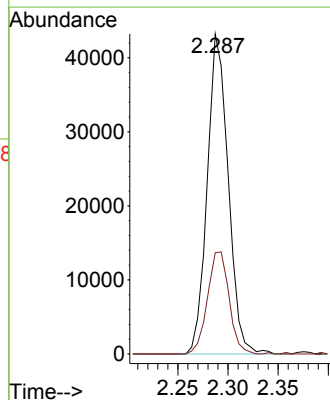
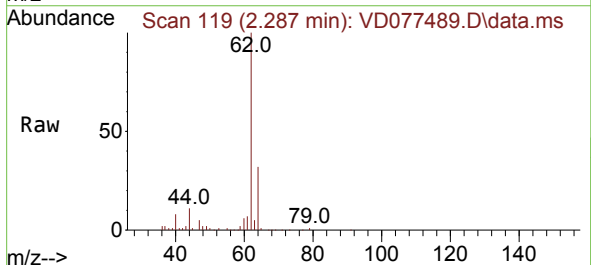
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 54872
Ion Ratio Lower Upper
50 100
52 32.2 26.6 40.0



#4
Vinyl Chloride
Concen: 23.024 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

Tgt Ion: 62 Resp: 63028
Ion Ratio Lower Upper
62 100
64 31.6 26.0 39.0

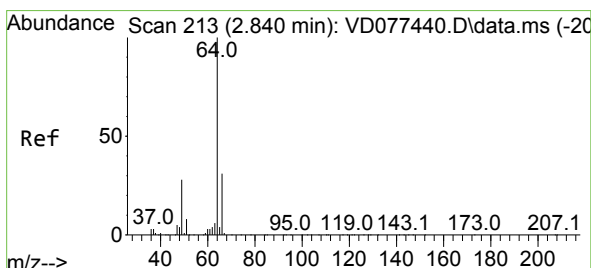
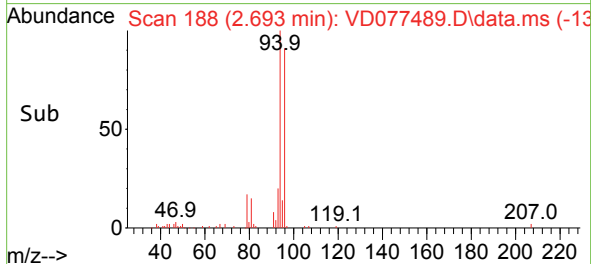
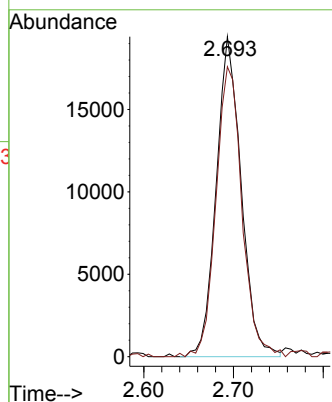
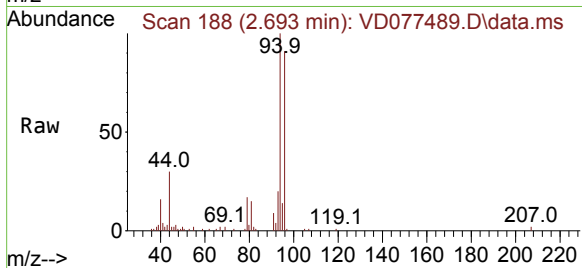




#5
Bromomethane
Concen: 26.154 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

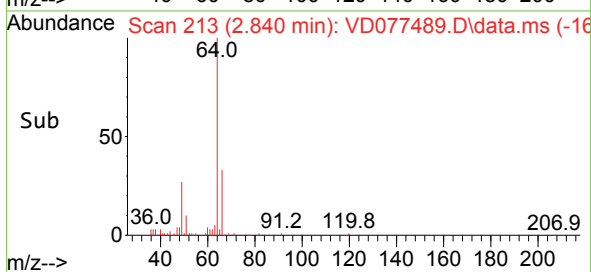
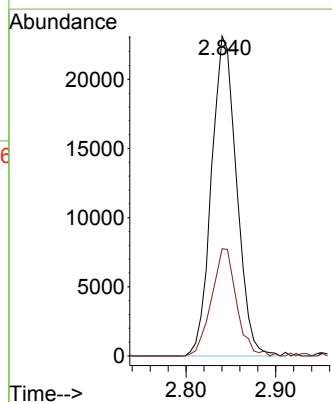
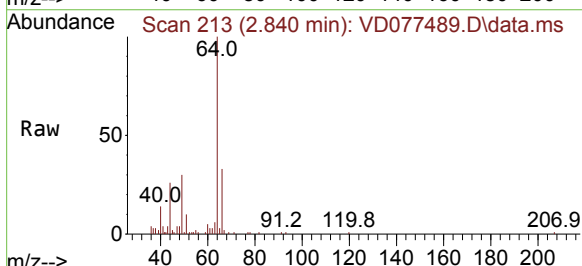
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ClientSampleId :

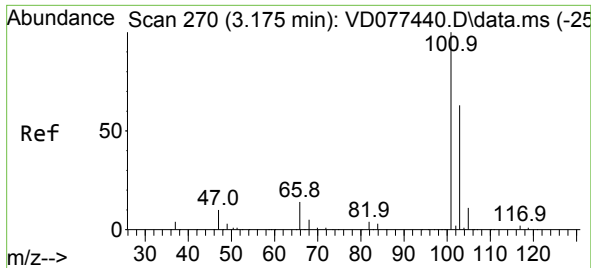
Tgt Ion: 94 Resp: 37517
Ion Ratio Lower Upper
94 100
96 94.3 75.8 113.8



#6
Chloroethane
Concen: 24.426 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

Tgt Ion: 64 Resp: 45018
Ion Ratio Lower Upper
64 100
66 33.5 25.5 38.3

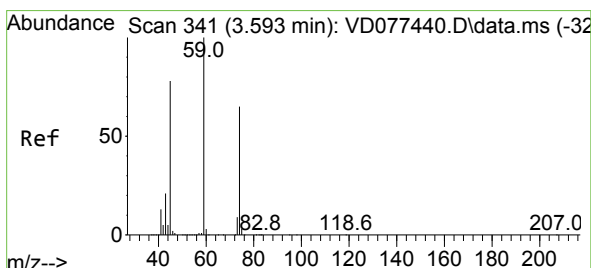
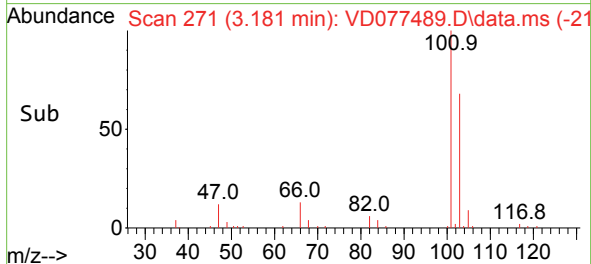
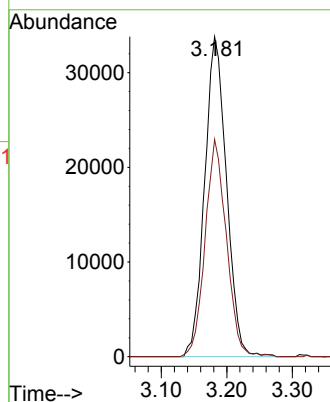
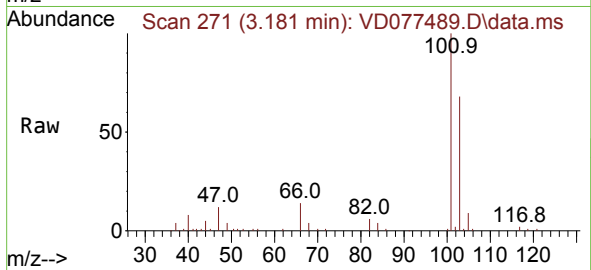




#7
 Trichlorofluoromethane
 Concen: 20.408 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD077489.D
 Acq: 02 Nov 2023 12:24

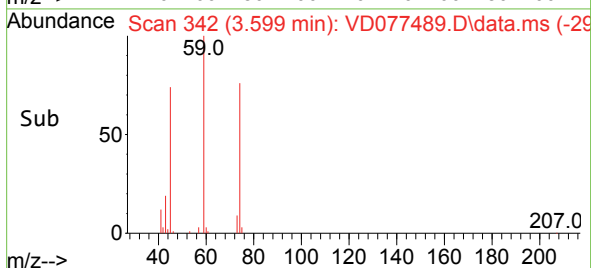
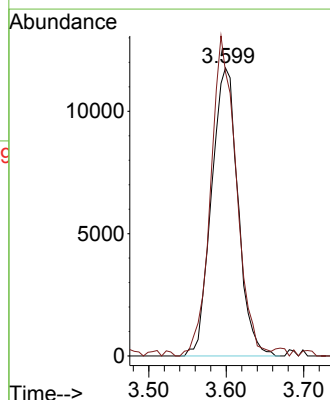
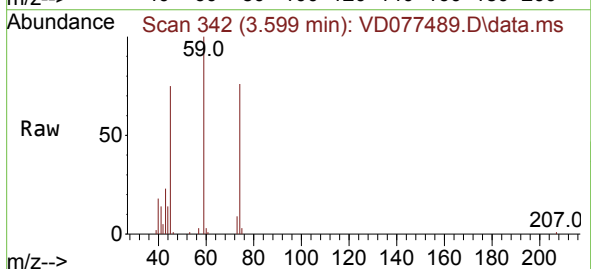
Instrument :
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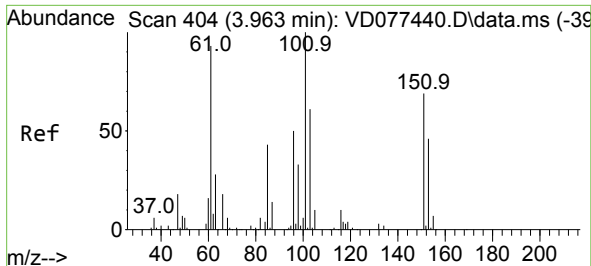
Tgt Ion:101 Resp: 78235
 Ion Ratio Lower Upper
 101 100
 103 67.9 52.3 78.5



#8
 Diethyl Ether
 Concen: 20.312 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD077489.D
 Acq: 02 Nov 2023 12:24

Tgt Ion: 74 Resp: 27990
 Ion Ratio Lower Upper
 74 100
 45 107.5 37.5 112.7

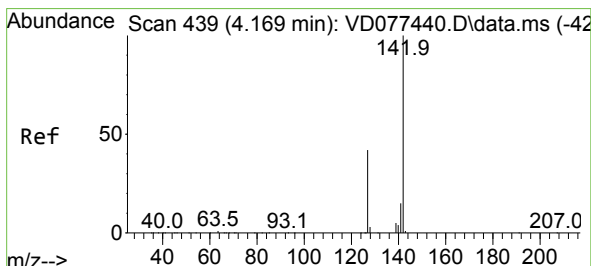
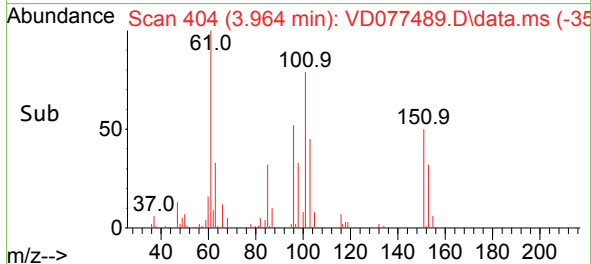
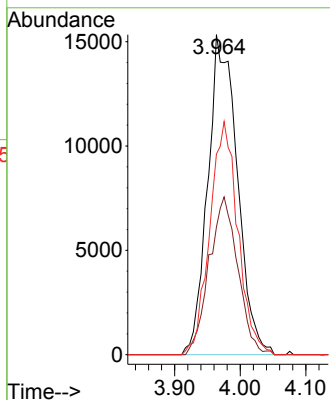
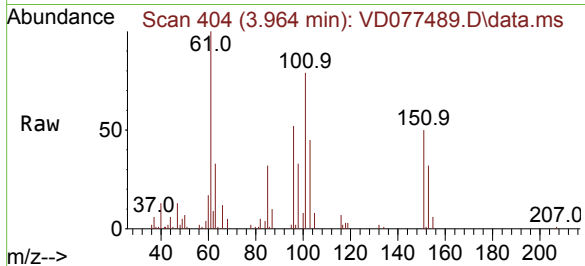




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.669 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD077489.D
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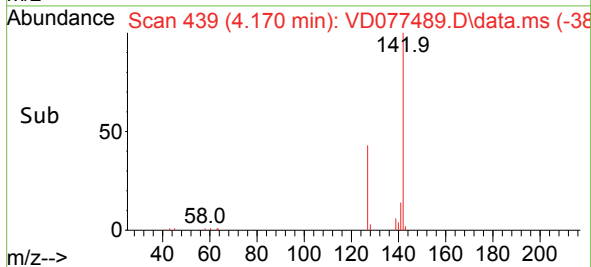
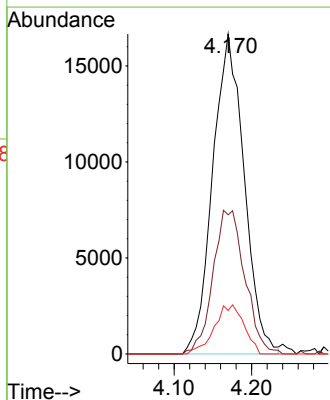
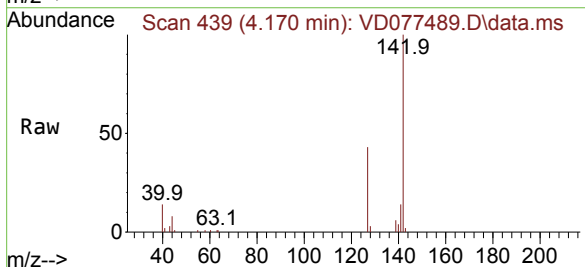
Instrument :
MSVOA_D
ClientSampleId :

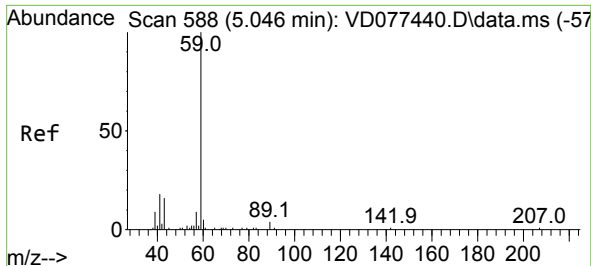
Tgt Ion:101 Resp: 47834
Ion Ratio Lower Upper
101 100
85 48.1 33.8 50.6
151 69.4 59.8 89.6



#10
Methyl Iodide
Concen: 18.211 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.001 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

Tgt Ion:142 Resp: 46982
Ion Ratio Lower Upper
142 100
127 45.6 29.4 44.0#
141 14.5 11.1 16.7

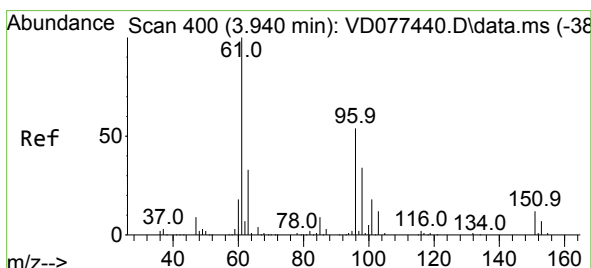
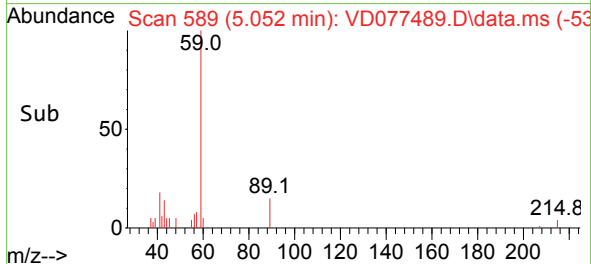
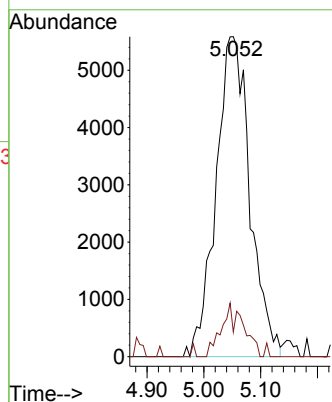
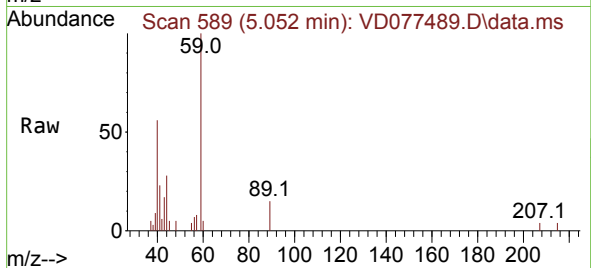




#11
Tert butyl alcohol
Concen: 94.329 ug/l
RT: 5.052 min Scan# 589
Delta R.T. 0.006 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

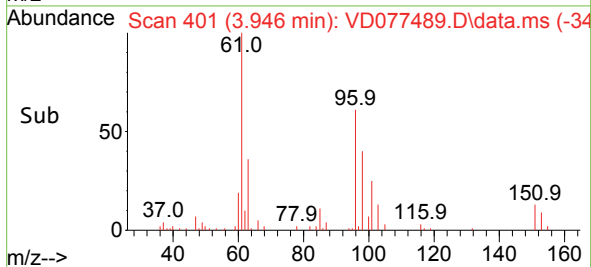
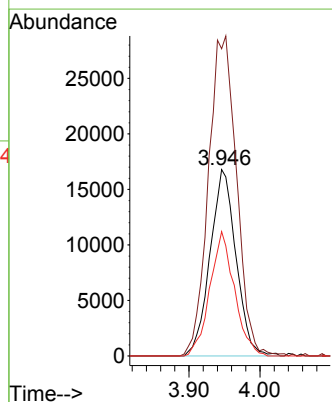
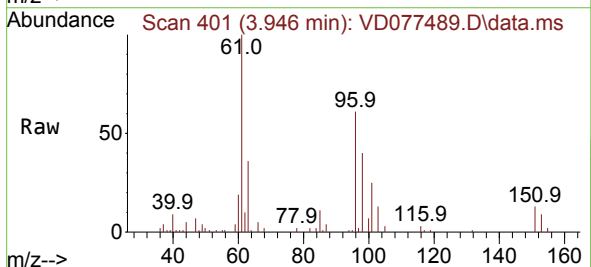
Instrument :
MSVOA_D
ClientSampleId :

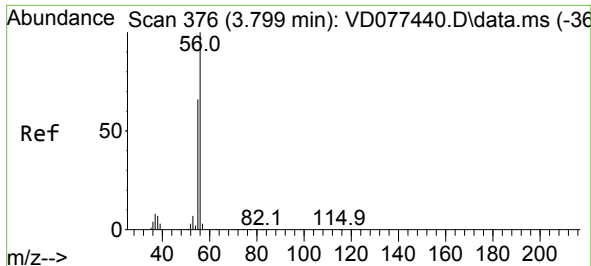
Tgt Ion: 59 Resp: 23170
Ion Ratio Lower Upper
59 100
57 5.8 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 19.441 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

Tgt Ion: 96 Resp: 42595
Ion Ratio Lower Upper
96 100
61 164.9 100.6 150.8#
98 66.7 50.2 75.2





#13

Acrolein

Concen: 96.940 ug/l

RT: 3.805 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD077489.D

Acq: 02 Nov 2023 12:24

Instrument :

MSVOA_D

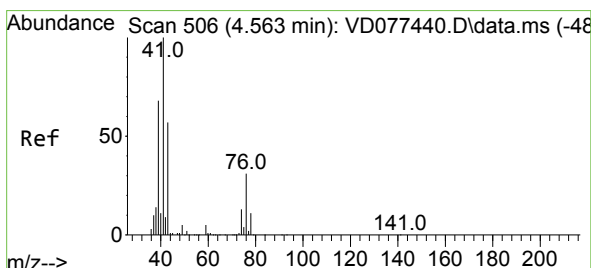
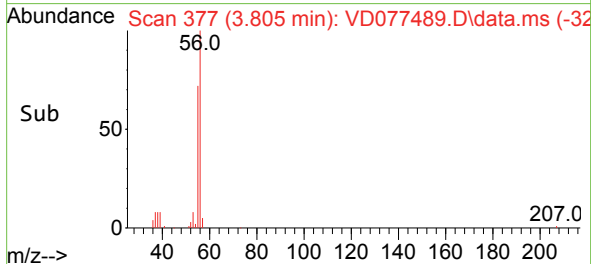
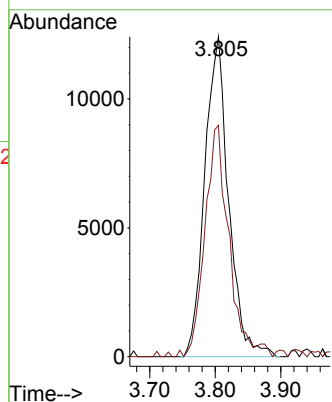
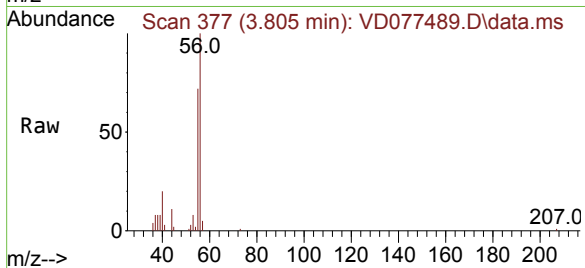
ClientSampleId :

Tgt Ion: 56 Resp: 31400

Ion Ratio Lower Upper

56 100

55 71.3 55.1 82.7



#14

Allyl chloride

Concen: 19.784 ug/l

RT: 4.570 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD077489.D

Acq: 02 Nov 2023 12:24

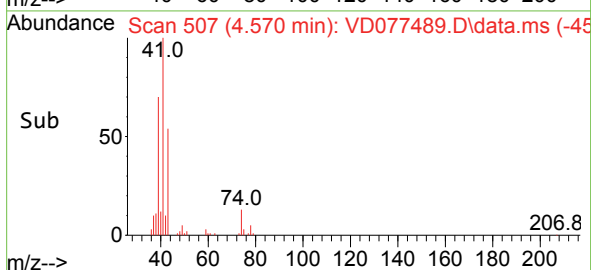
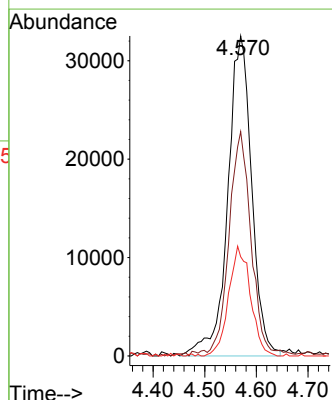
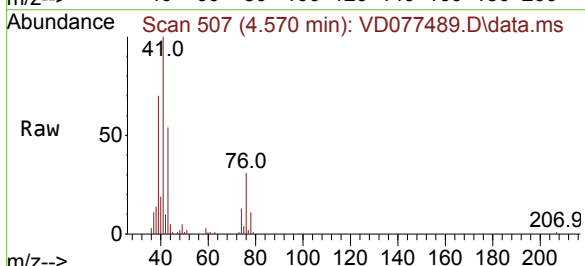
Tgt Ion: 41 Resp: 104570

Ion Ratio Lower Upper

41 100

39 65.6 53.8 80.6

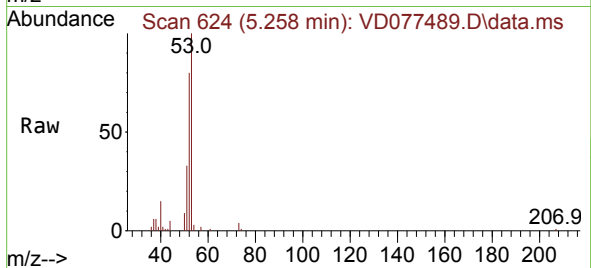
76 31.3 45.8 68.8#



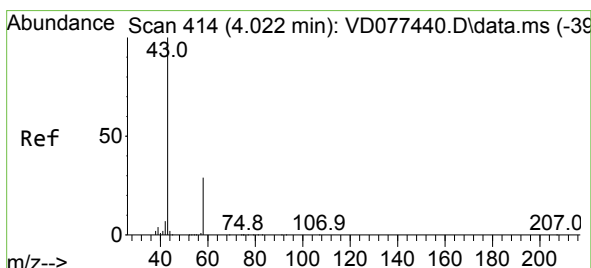
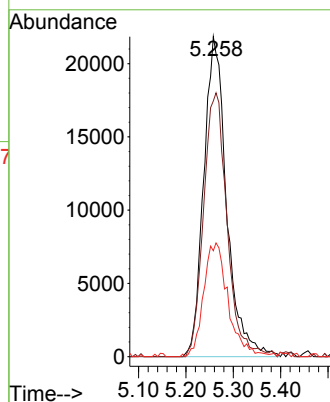
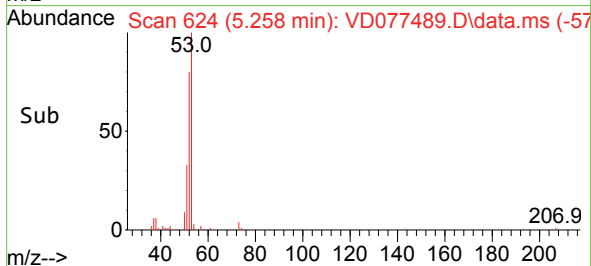


#15
Acrylonitrile
Concen: 98.527 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

Instrument :
MSVOA_D
ClientSampleId :

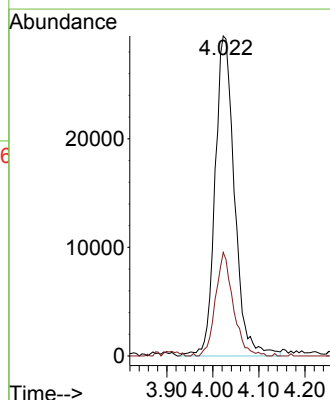
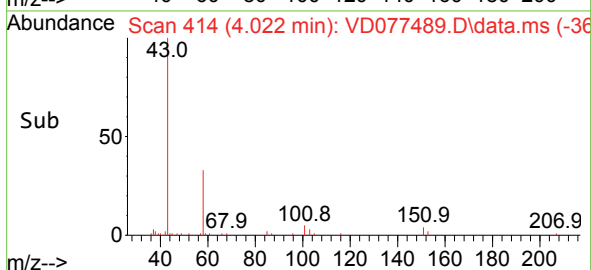
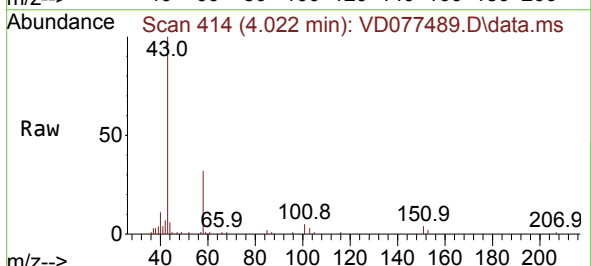


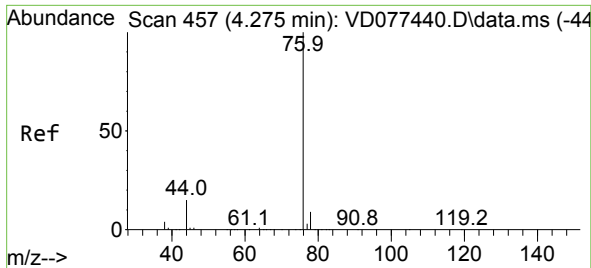
Tgt Ion: 53 Resp: 73395
Ion Ratio Lower Upper
53 100
52 84.6 65.0 97.4
51 38.3 28.3 42.5



#16
Acetone
Concen: 105.328 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

Tgt Ion: 43 Resp: 86424
Ion Ratio Lower Upper
43 100
58 32.3 34.7 52.1#

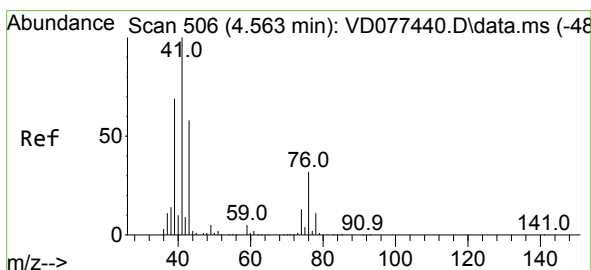
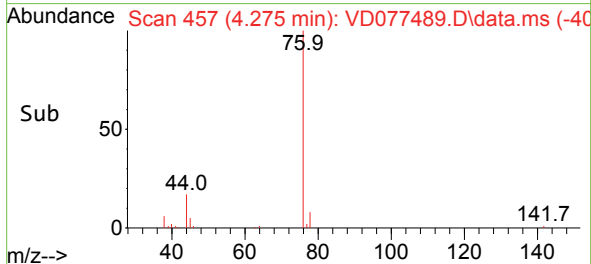
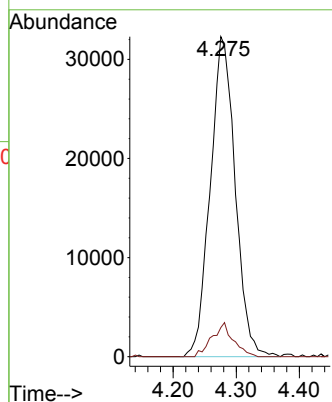
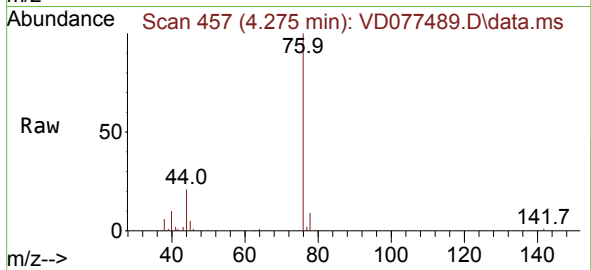




#17
Carbon Disulfide
Concen: 15.871 ug/l
RT: 4.275 min Scan# 417
Delta R.T. 0.000 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

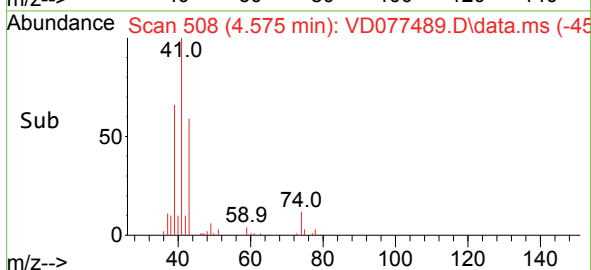
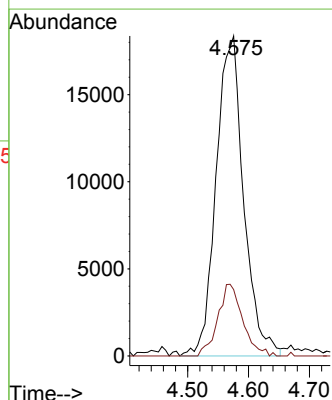
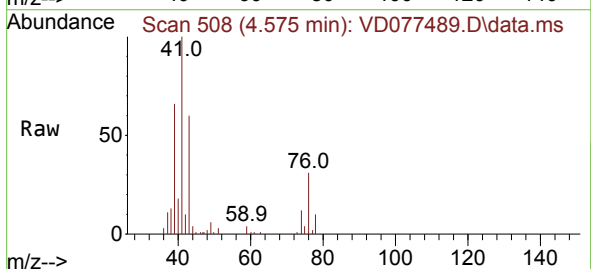
Instrument :
MSVOA_D
ClientSampleId :

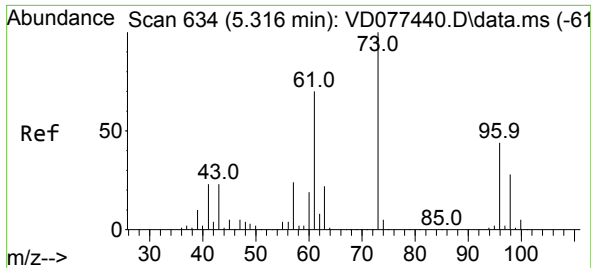
Tgt Ion: 76 Resp: 88527
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 19.260 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.012 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

Tgt Ion: 43 Resp: 57644
Ion Ratio Lower Upper
43 100
74 20.3 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 19.206 ug/l

RT: 5.317 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077489.D

Acq: 02 Nov 2023 12:24

Instrument :

MSVOA_D

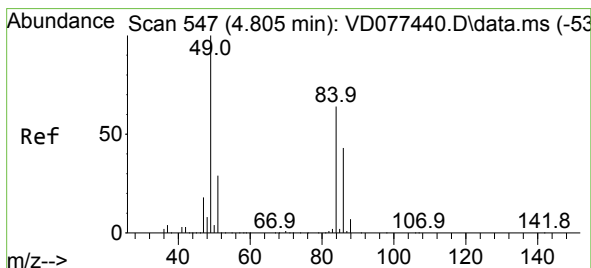
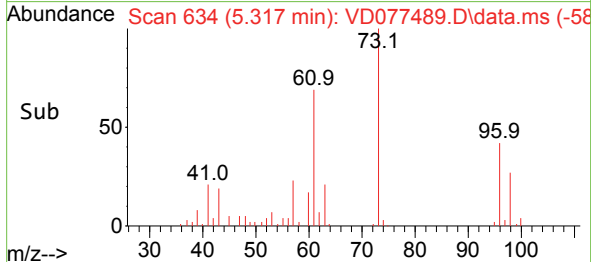
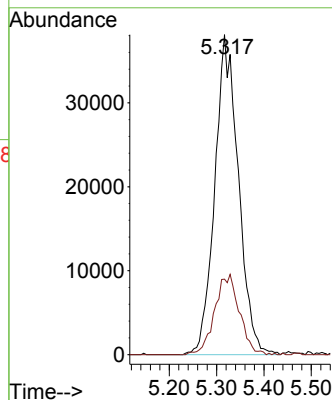
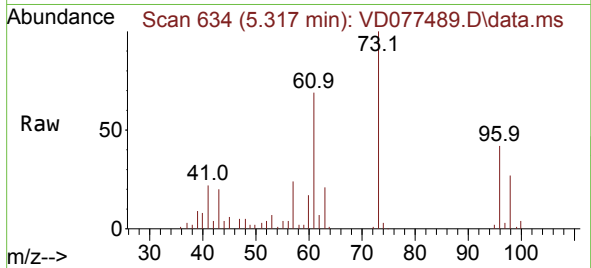
ClientSampleId :

Tgt Ion: 73 Resp: 132083

Ion Ratio Lower Upper

73 100

57 23.6 16.6 25.0



#20

Methylene Chloride

Concen: 20.065 ug/l

RT: 4.811 min Scan# 548

Delta R.T. 0.006 min

Lab File: VD077489.D

Acq: 02 Nov 2023 12:24

Tgt Ion: 84 Resp: 66357

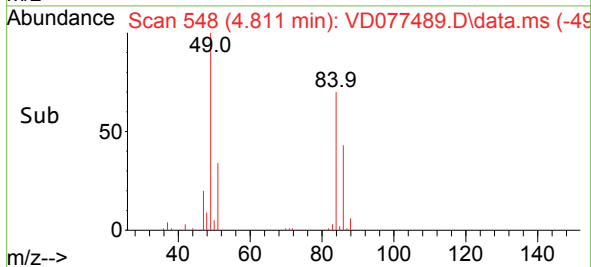
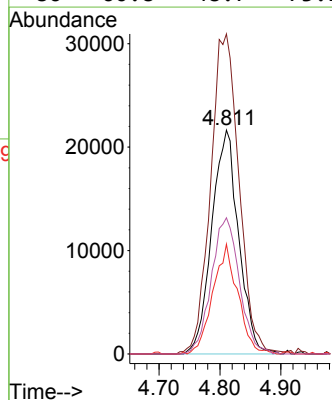
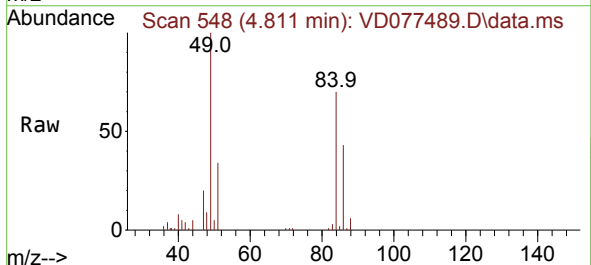
Ion Ratio Lower Upper

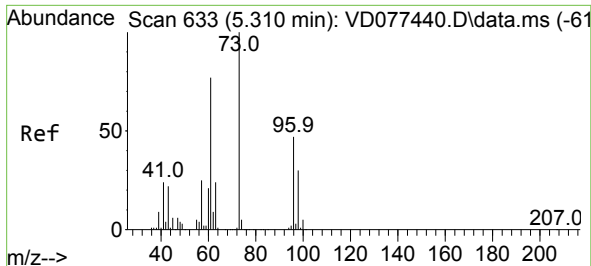
84 100

49 142.0 71.4 107.2#

51 49.0 24.5 36.7#

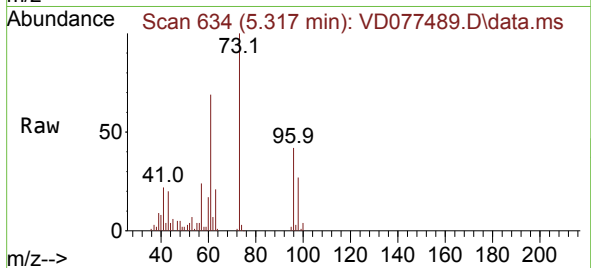
86 60.8 48.7 73.1



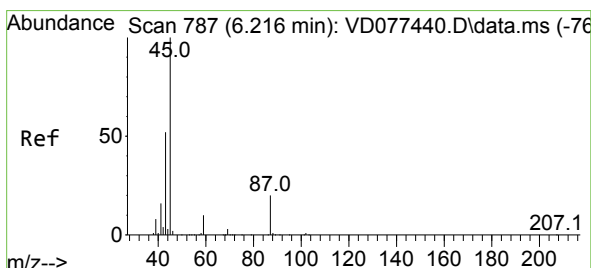
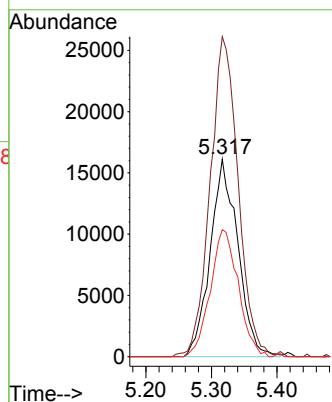
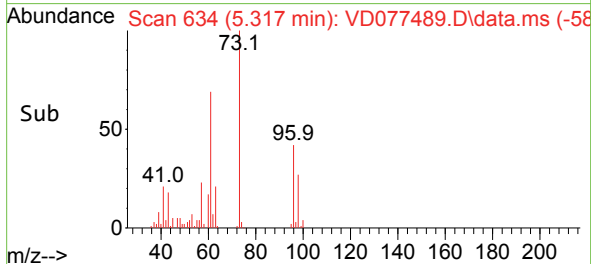


#21
trans-1,2-Dichloroethene
Concen: 18.505 ug/l
RT: 5.317 min Scan# 61
Delta R.T. 0.007 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

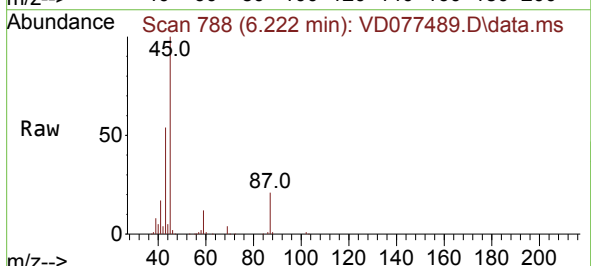
Instrument :
MSVOA_D
ClientSampleId :



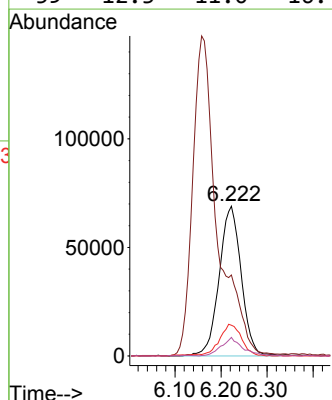
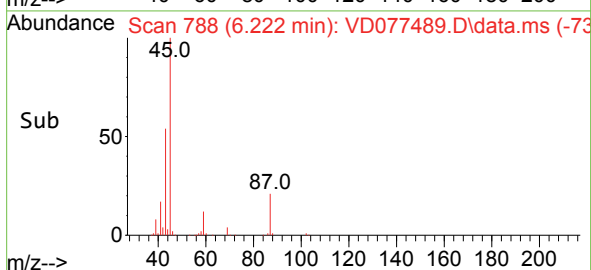
Tgt Ion: 96 Resp: 47219
Ion Ratio Lower Upper
96 100
61 160.2 89.3 133.9#
98 64.3 48.6 73.0

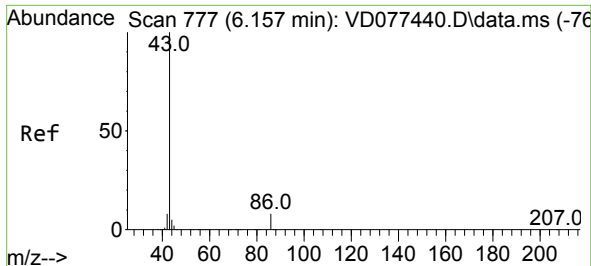


#22
Diisopropyl ether
Concen: 20.385 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24



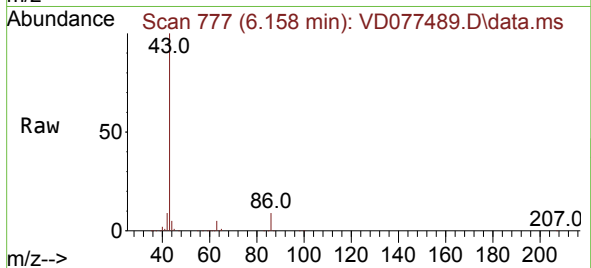
Tgt Ion: 45 Resp: 229002
Ion Ratio Lower Upper
45 100
43 52.8 40.0 60.0
87 20.3 28.2 42.4#
59 12.3 11.0 16.4



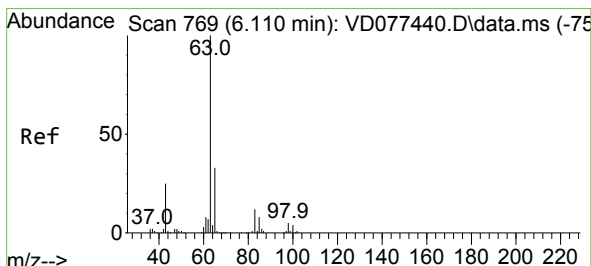
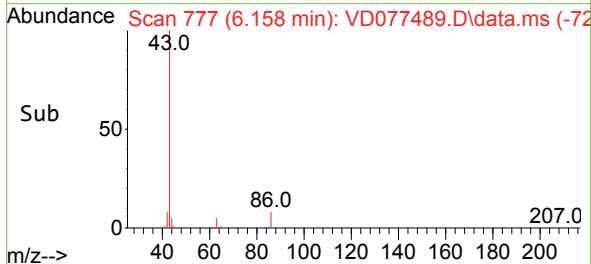
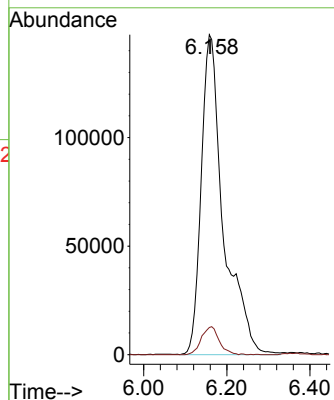


#23
 Vinyl Acetate
 Concen: 113.226 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077489.D
 Acq: 02 Nov 2023 12:24

Instrument :
 MSVOA_D
 ClientSampleId :

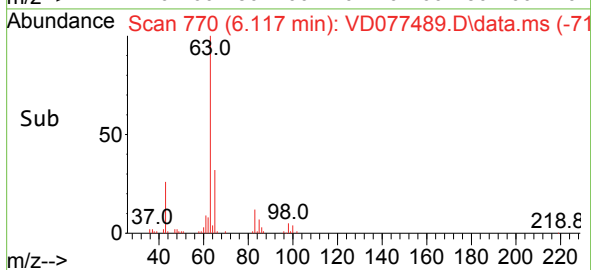
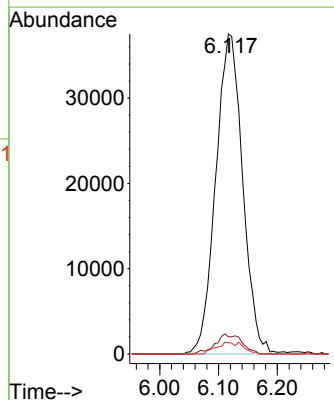
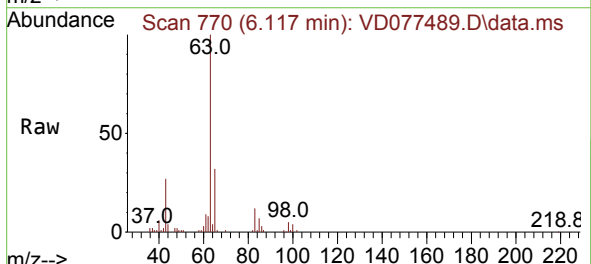


Tgt Ion: 43 Resp: 548735
 Ion Ratio Lower Upper
 43 100
 86 8.4 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 20.445 ug/l
 RT: 6.117 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077489.D
 Acq: 02 Nov 2023 12:24

Tgt Ion: 63 Resp: 119174
 Ion Ratio Lower Upper
 63 100
 98 5.3 4.5 13.7
 100 3.6 2.5 7.5





#25

2-Butanone

Concen: 97.909 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD077489.D

Acq: 02 Nov 2023 12:24

Instrument :

MSVOA_D

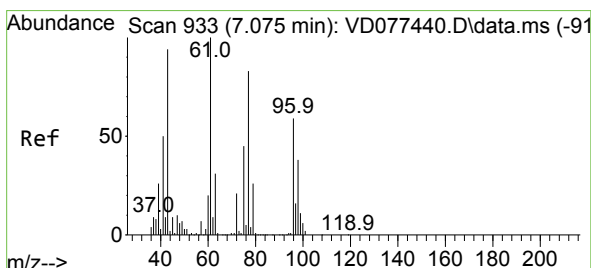
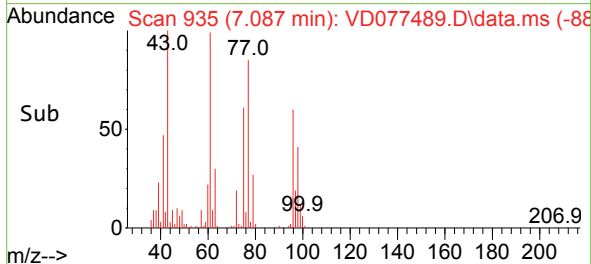
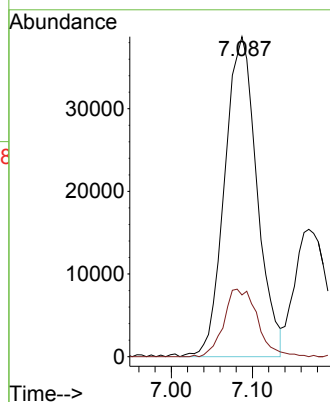
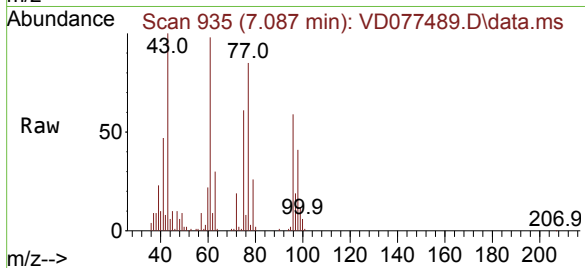
ClientSampleId :

Tgt Ion: 43 Resp: 107157

Ion Ratio Lower Upper

43 100

72 19.3 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 20.240 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD077489.D

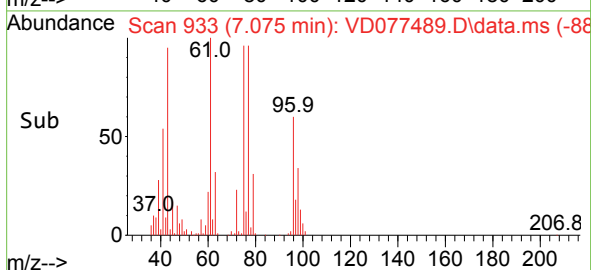
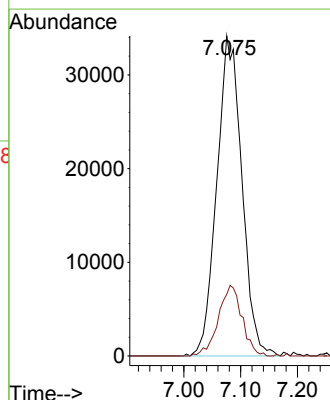
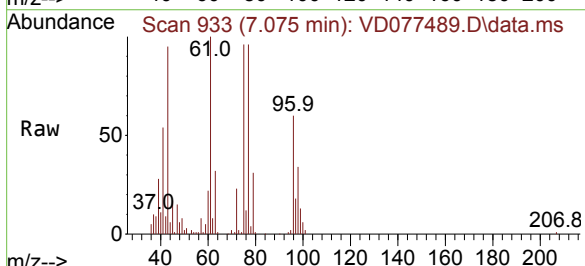
Acq: 02 Nov 2023 12:24

Tgt Ion: 77 Resp: 104550

Ion Ratio Lower Upper

77 100

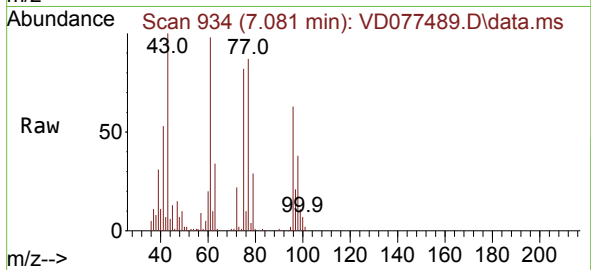
97 20.8 13.2 39.6



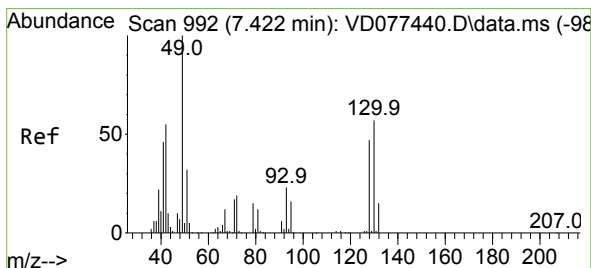
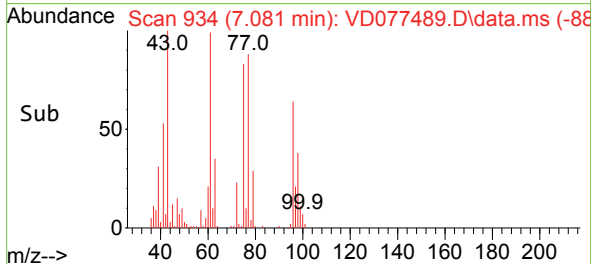
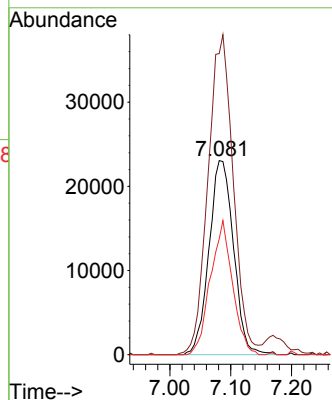


#27
 cis-1,2-Dichloroethene
 Concen: 20.433 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077489.D
 Acq: 02 Nov 2023 12:24

Instrument :
 MSVOA_D
 ClientSampleId :

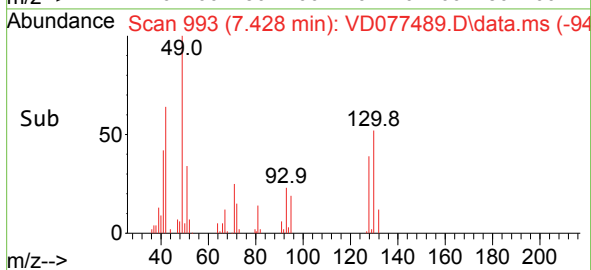
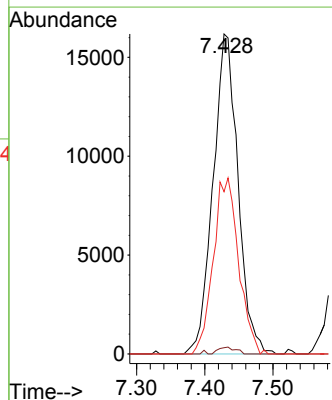
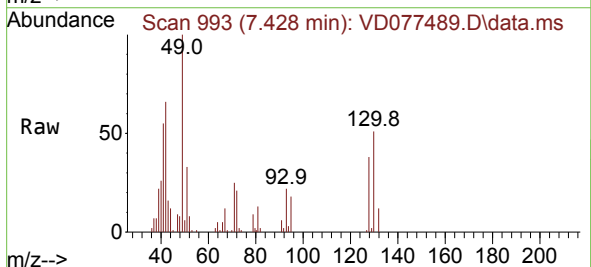


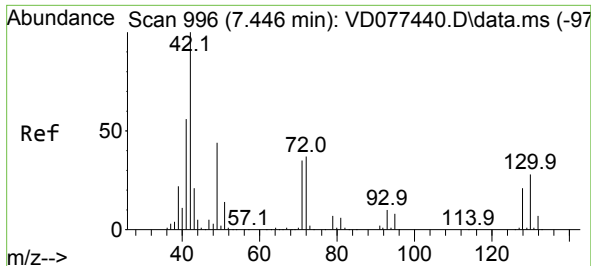
Tgt Ion: 96 Resp: 64594
 Ion Ratio Lower Upper
 96 100
 61 169.4 0.0 239.2
 98 62.2 0.0 128.6



#28
 Bromochloromethane
 Concen: 17.030 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077489.D
 Acq: 02 Nov 2023 12:24

Tgt Ion: 49 Resp: 41173
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 6.0
 130 55.9 83.2 124.8#





#29

Tetrahydrofuran

Concen: 96.142 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD077489.D

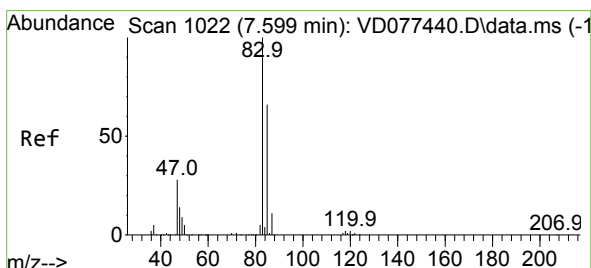
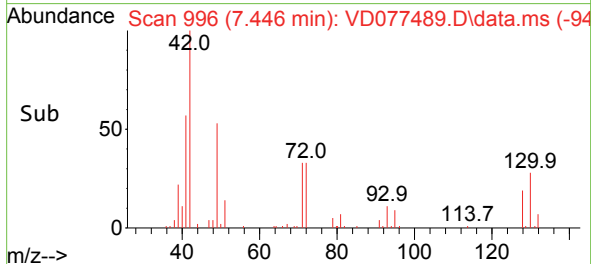
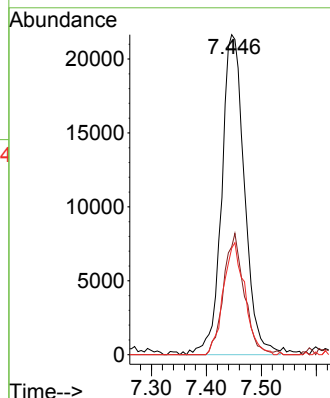
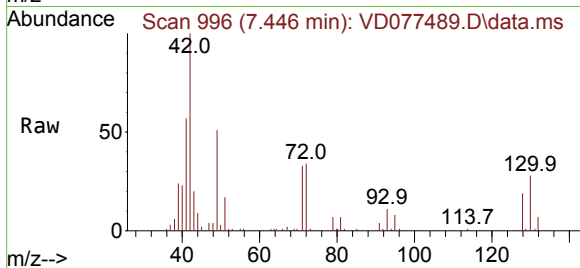
Acq: 02 Nov 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	42	Resp:	62406
Ion Ratio	Lower	Upper	
42	100		
72	34.5	46.5	69.7#
71	33.1	44.5	66.7#



#30

Chloroform

Concen: 20.988 ug/l

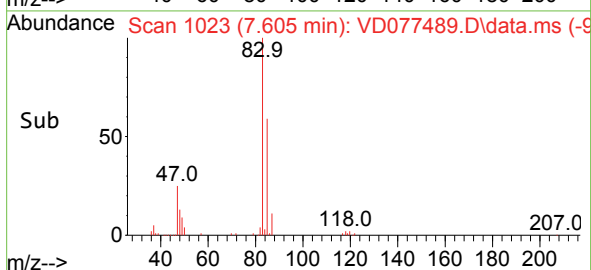
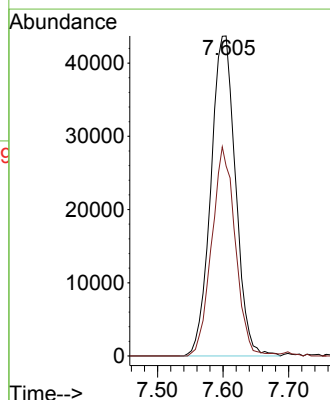
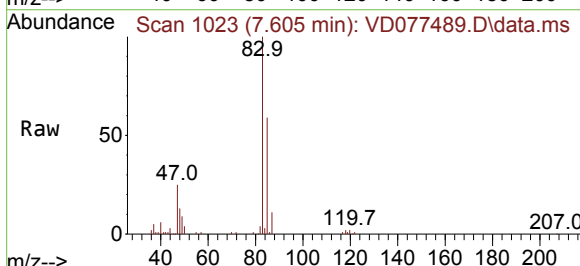
RT: 7.605 min Scan# 1023

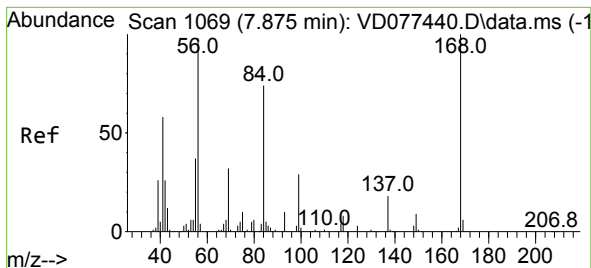
Delta R.T. 0.006 min

Lab File: VD077489.D

Acq: 02 Nov 2023 12:24

Tgt Ion:	83	Resp:	114227
Ion Ratio	Lower	Upper	
83	100		
85	59.4	53.4	80.2





#31

Cyclohexane

Concen: 19.419 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

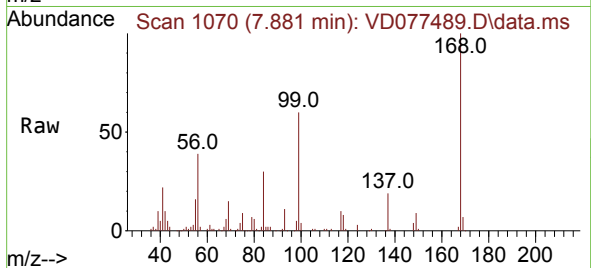
Lab File: VD077489.D

Acq: 02 Nov 2023 12:24

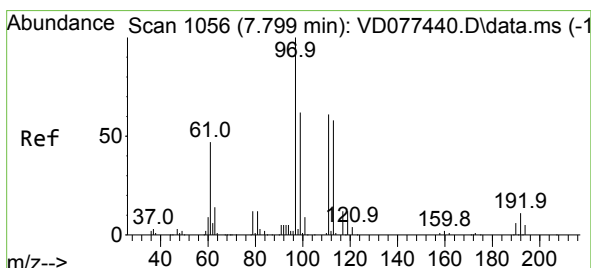
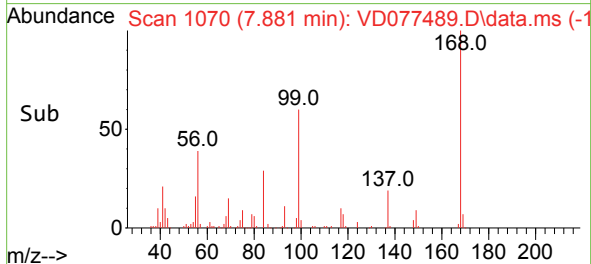
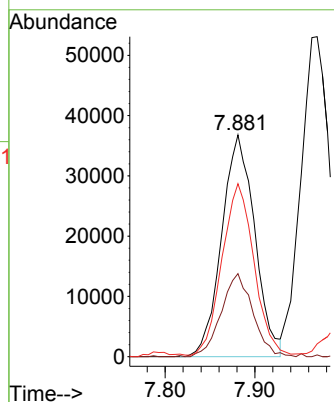
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	56	Resp:	94130
Ion Ratio	Lower	Upper	
56	100		
69	36.9	28.6	43.0
84	76.8	84.8	127.2



#32

1,1,1-Trichloroethane

Concen: 20.459 ug/l

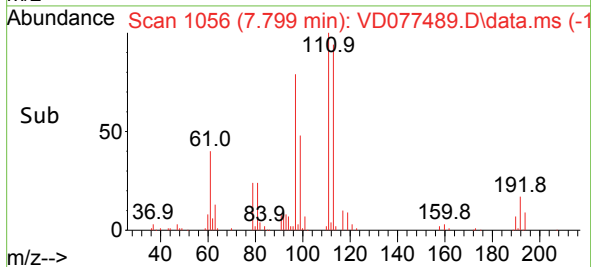
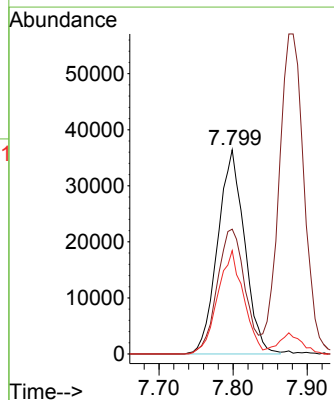
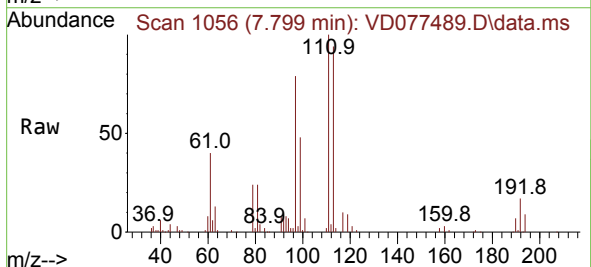
RT: 7.799 min Scan# 1056

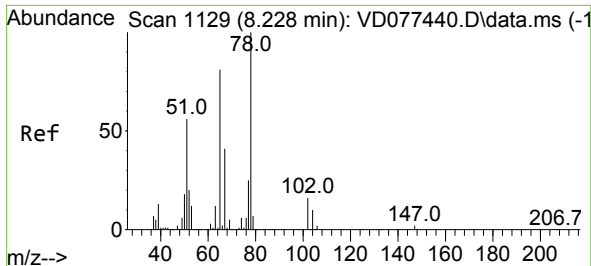
Delta R.T. 0.000 min

Lab File: VD077489.D

Acq: 02 Nov 2023 12:24

Tgt Ion:	97	Resp:	91742
Ion Ratio	Lower	Upper	
97	100		
99	62.8	52.0	78.0
61	49.2	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 50.945 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077489.D

Acq: 02 Nov 2023 12:24

Instrument :

MSVOA_D

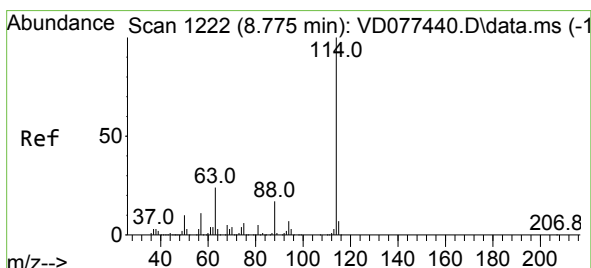
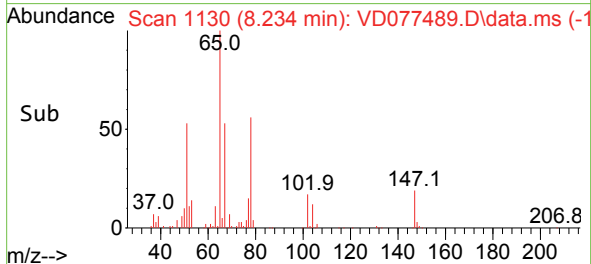
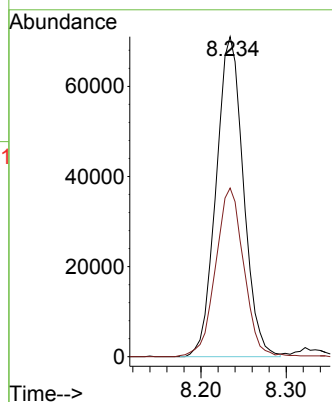
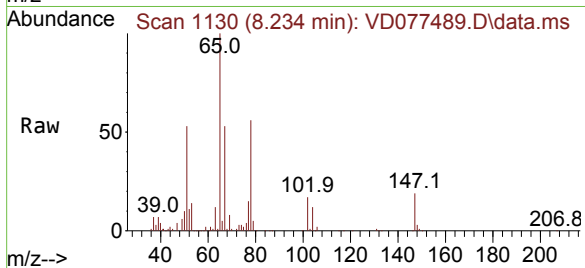
ClientSampleId :

Tgt Ion: 65 Resp: 157972

Ion Ratio Lower Upper

65 100

67 54.6 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: VD077489.D

Acq: 02 Nov 2023 12:24

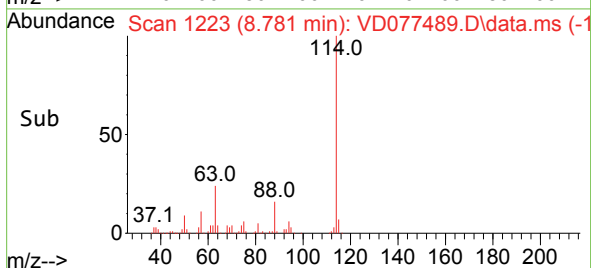
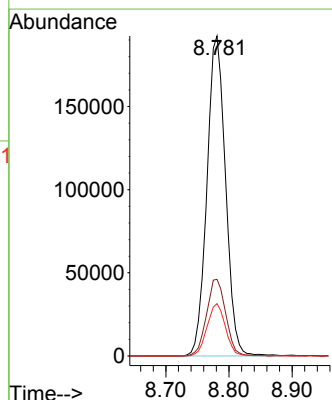
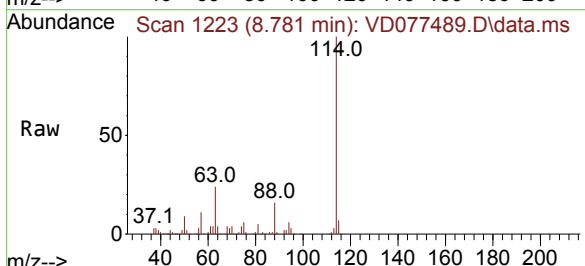
Tgt Ion: 114 Resp: 394482

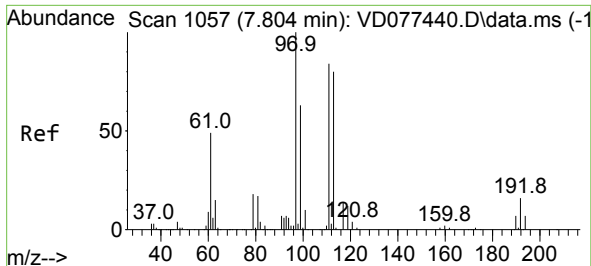
Ion Ratio Lower Upper

114 100

63 24.0 0.0 33.4

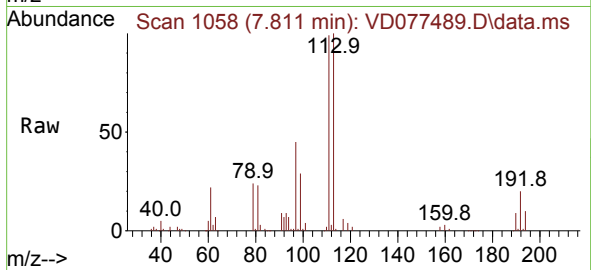
88 16.4 0.0 26.2



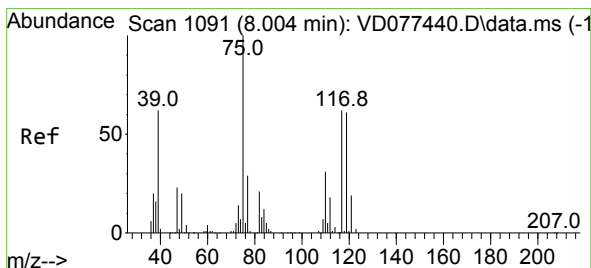
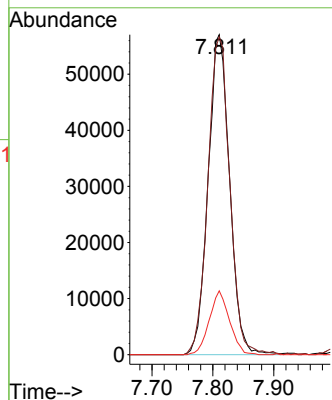
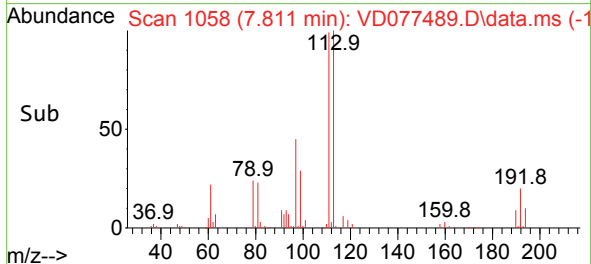


#35
Dibromofluoromethane
Concen: 51.347 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

Instrument :
MSVOA_D
ClientSampleId :

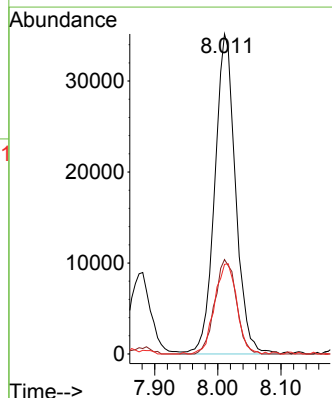
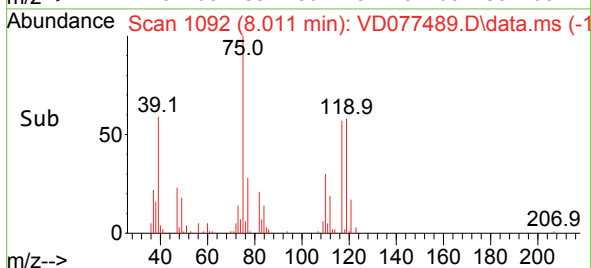
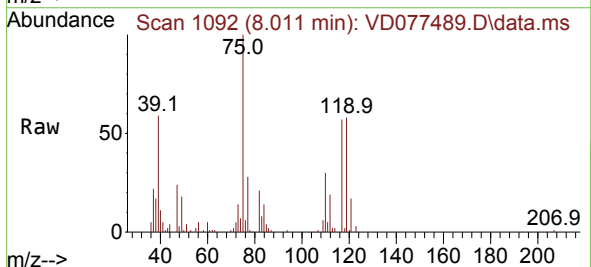


Tgt Ion:113 Resp: 139998
Ion Ratio Lower Upper
113 100
111 101.3 84.7 127.1
192 18.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 19.907 ug/l
RT: 8.011 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

Tgt Ion: 75 Resp: 80473
Ion Ratio Lower Upper
75 100
110 30.5 19.9 59.6
77 30.1 24.7 37.1





#37

Ethyl Acetate

Concen: 19.178 ug/l

RT: 7.169 min Scan# 94

Delta R.T. 0.000 min

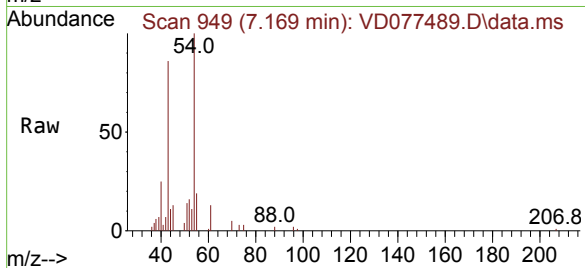
Lab File: VD077489.D

Acq: 02 Nov 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :



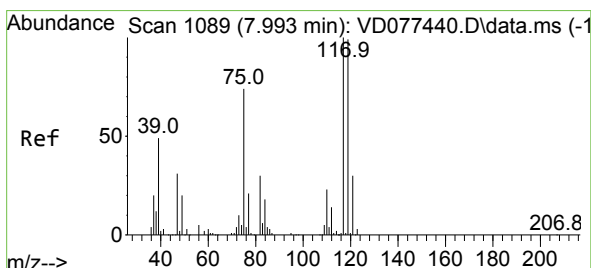
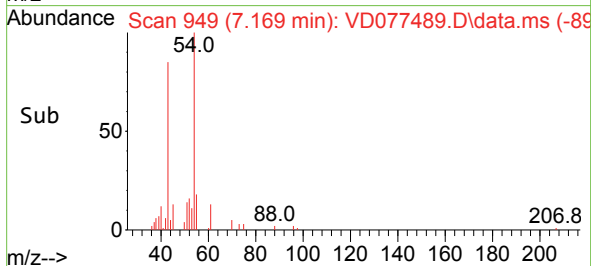
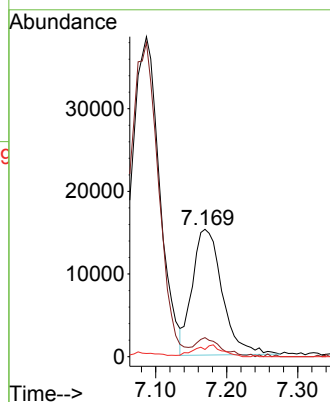
Tgt Ion: 43 Resp: 44492

Ion Ratio Lower Upper

43 100

61 13.0 14.9 22.3#

70 8.4 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 19.976 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD077489.D

Acq: 02 Nov 2023 12:24

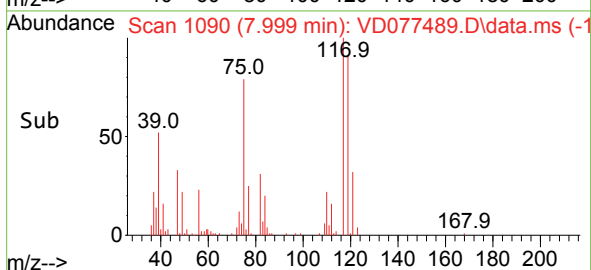
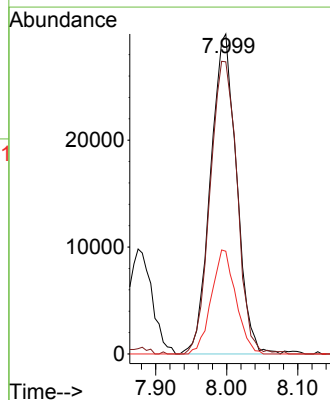
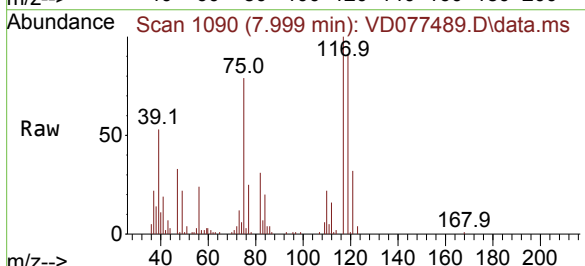
Tgt Ion: 117 Resp: 76095

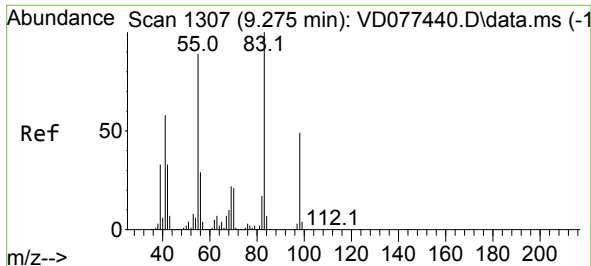
Ion Ratio Lower Upper

117 100

119 91.3 78.0 117.0

121 32.1 24.2 36.2

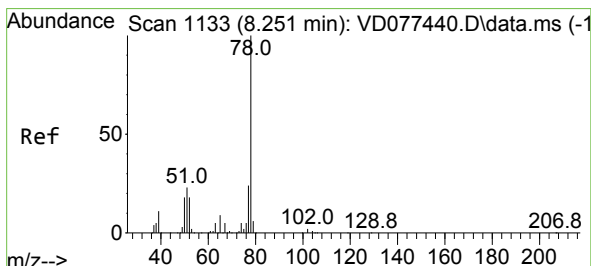
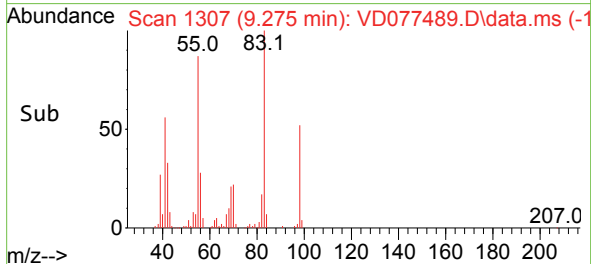
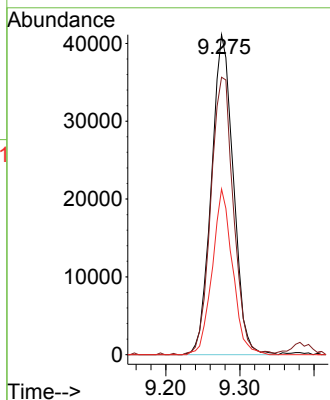
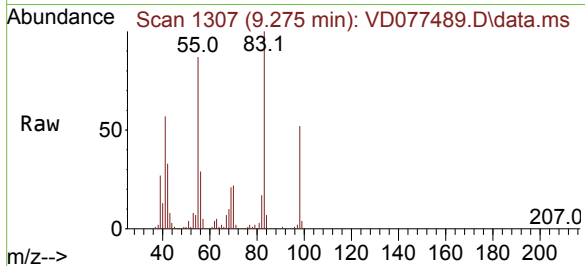




#39
Methylcyclohexane
Concen: 18.369 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

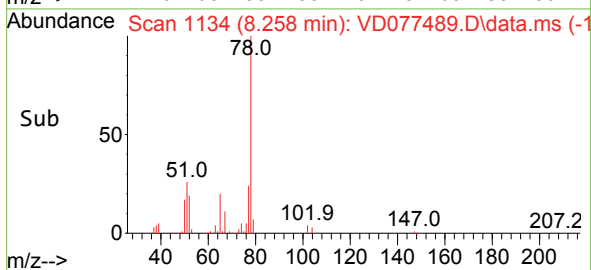
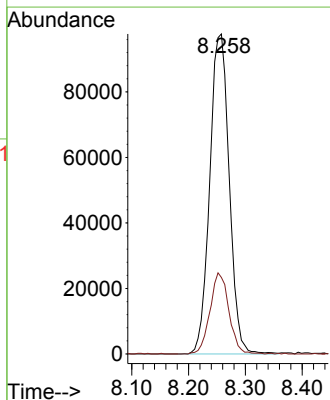
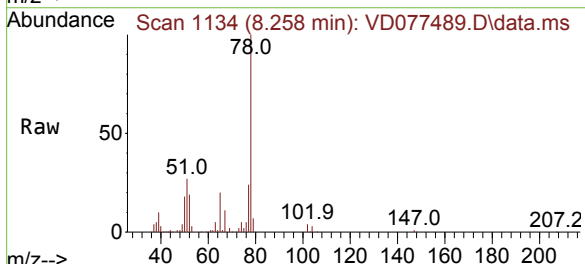
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 84728
Ion Ratio Lower Upper
83 100
55 86.7 49.4 74.0#
98 51.8 38.4 57.6



#40
Benzene
Concen: 20.159 ug/l
RT: 8.258 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

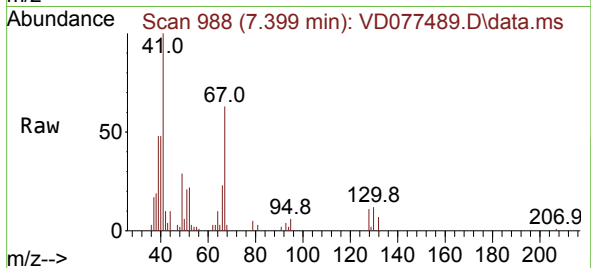
Tgt Ion: 78 Resp: 232381
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0



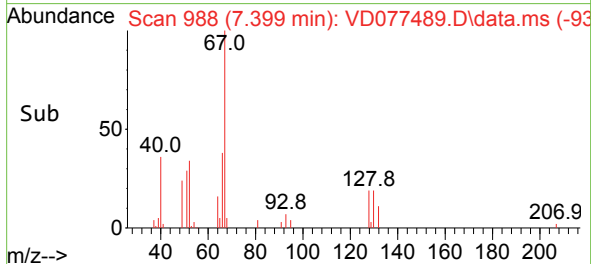
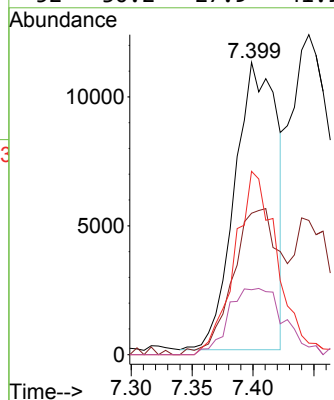


#41
Methacrylonitrile
Concen: 18.129 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

Instrument :
MSVOA_D
ClientSampleId :

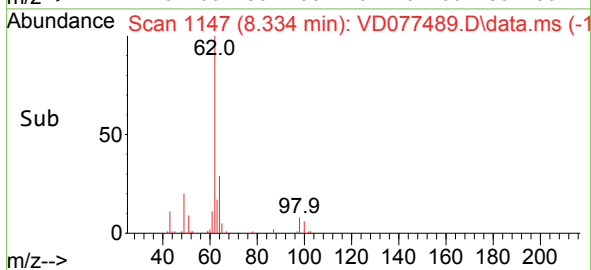
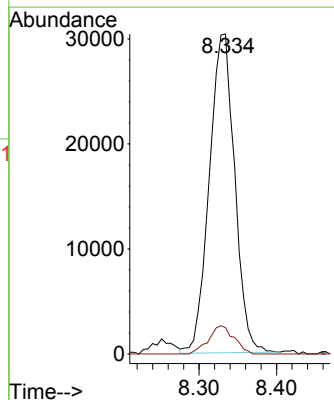
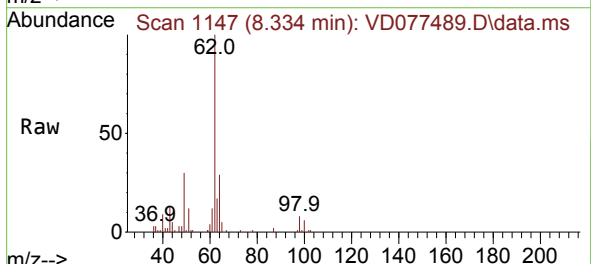


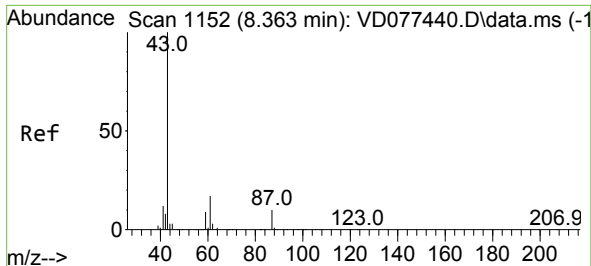
Tgt Ion:	41	Resp:	26911
Ion Ratio	Lower	Upper	
41	100		
39	57.1	34.0	51.0#
67	64.2	77.0	115.4#
52	30.2	27.9	41.9



#42
1,2-Dichloroethane
Concen: 18.933 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

Tgt Ion:	62	Resp:	69124
Ion Ratio	Lower	Upper	
62	100		
98	8.9	0.0	25.4

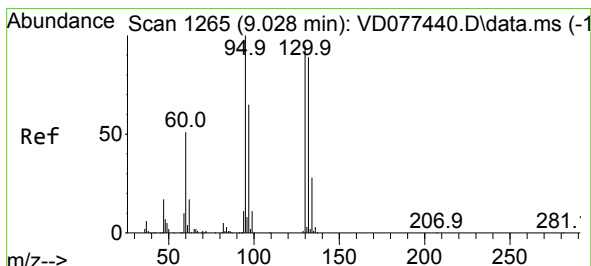
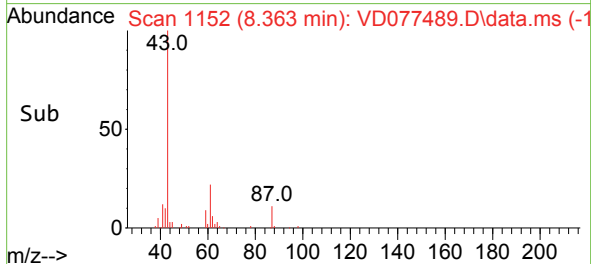
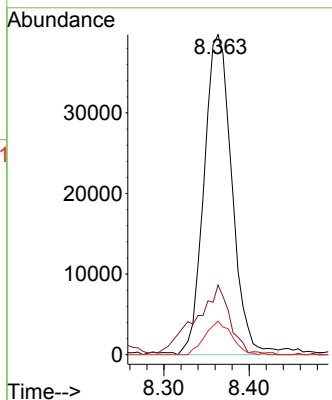
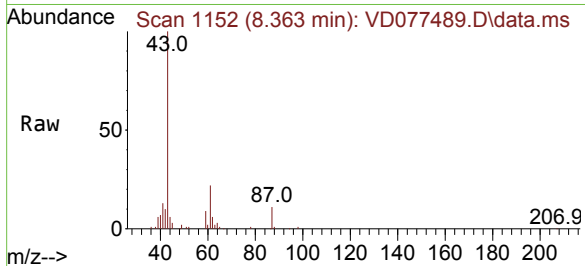




#43
Isopropyl Acetate
Concen: 18.820 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

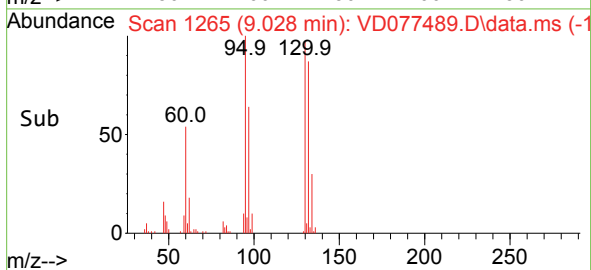
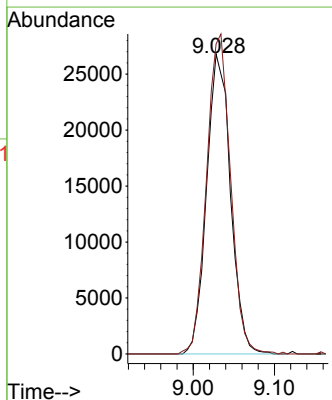
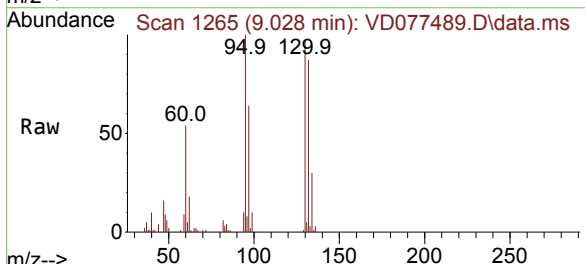
Instrument :
MSVOA_D
ClientSampleId :

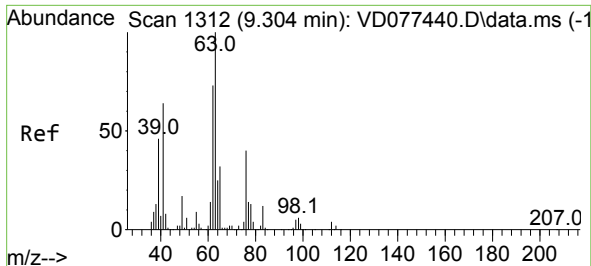
Tgt Ion: 43 Resp: 90100
Ion Ratio Lower Upper
43 100
61 27.2 31.4 47.0#
87 10.0 14.9 22.3#



#44
Trichloroethene
Concen: 19.449 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

Tgt Ion:130 Resp: 54918
Ion Ratio Lower Upper
130 100
95 103.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.467 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077489.D

Acq: 02 Nov 2023 12:24

Instrument :

MSVOA_D

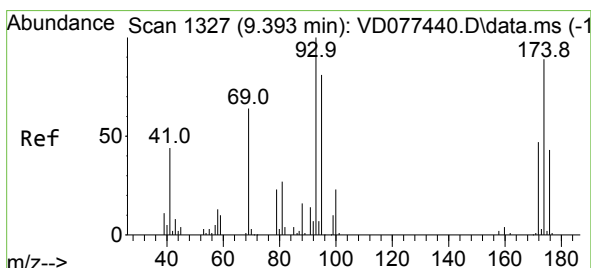
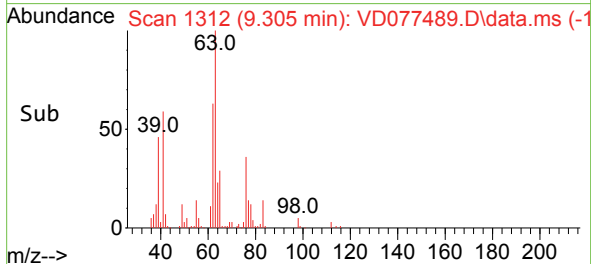
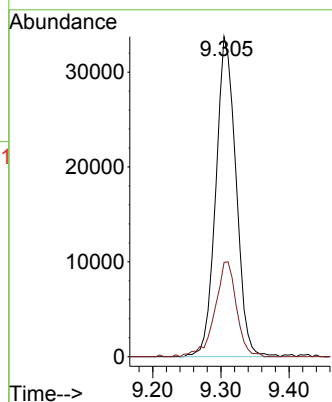
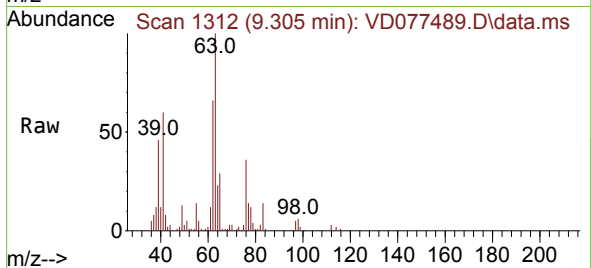
ClientSampleId :

Tgt Ion: 63 Resp: 69460

Ion Ratio Lower Upper

63 100

65 29.5 24.5 36.7



#46

Dibromomethane

Concen: 18.654 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD077489.D

Acq: 02 Nov 2023 12:24

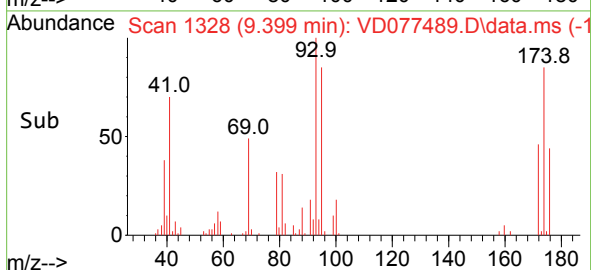
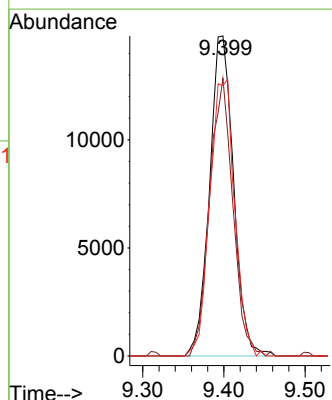
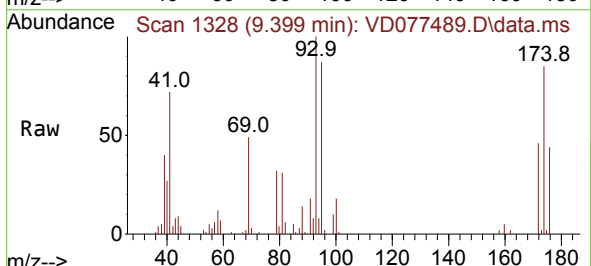
Tgt Ion: 93 Resp: 30466

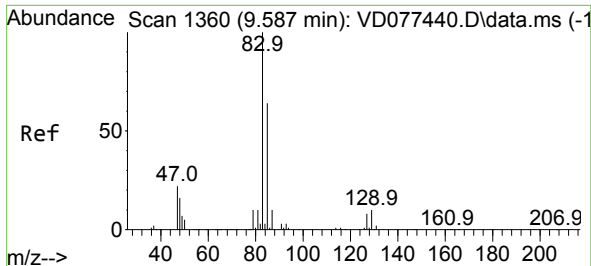
Ion Ratio Lower Upper

93 100

95 83.7 67.7 101.5

174 89.5 85.4 128.2

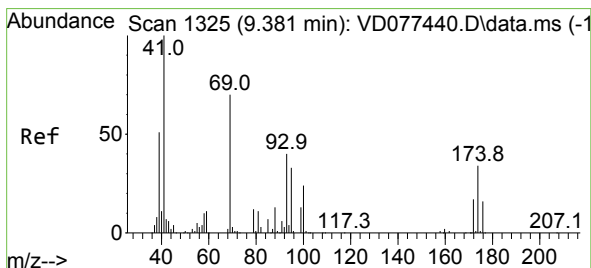
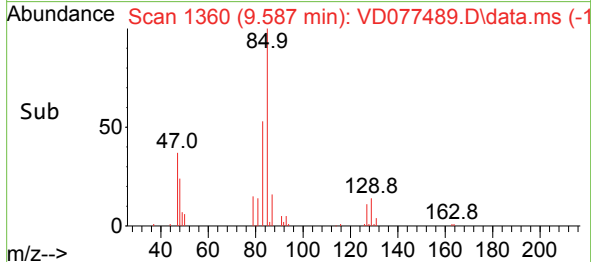
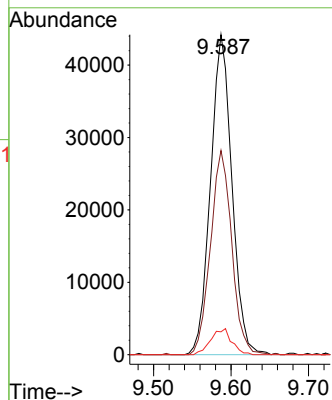
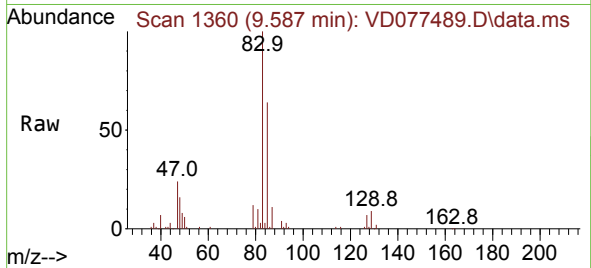




#47
Bromodichloromethane
Concen: 19.630 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

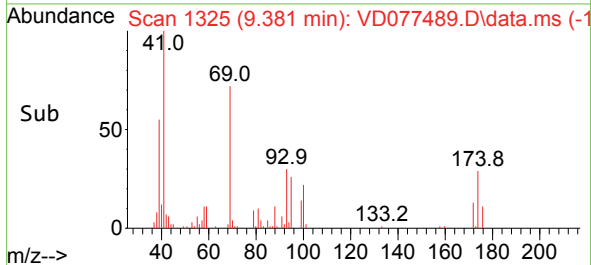
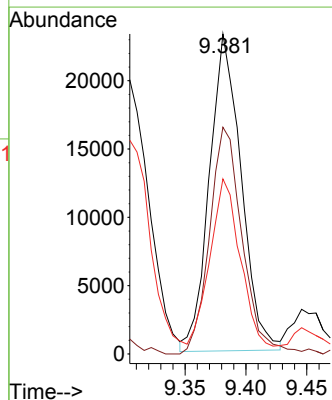
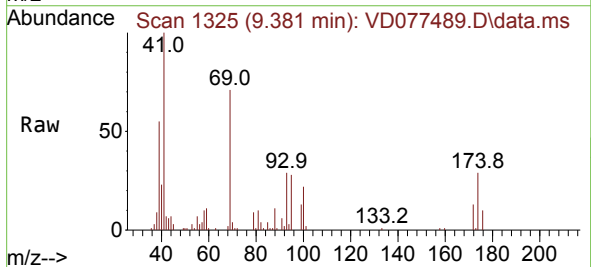
Instrument :
MSVOA_D
ClientSampleId :

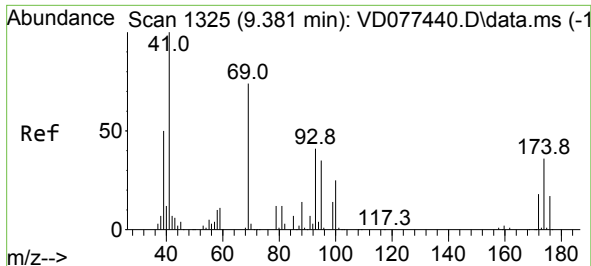
Tgt Ion: 83 Resp: 84737
Ion Ratio Lower Upper
83 100
85 63.8 50.2 75.4
127 7.2 6.3 9.5



#48
Methyl methacrylate
Concen: 18.422 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

Tgt Ion: 41 Resp: 42098
Ion Ratio Lower Upper
41 100
69 74.0 102.2 153.2#
39 53.9 41.4 62.2





#49

1,4-Dioxane

Concen: 385.889 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077489.D

Acq: 02 Nov 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

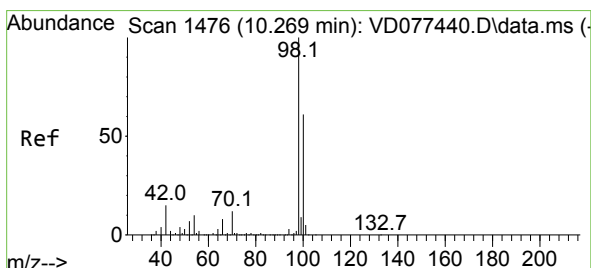
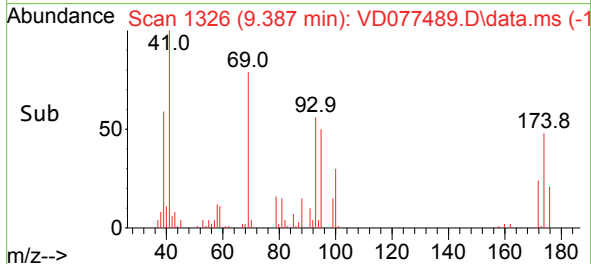
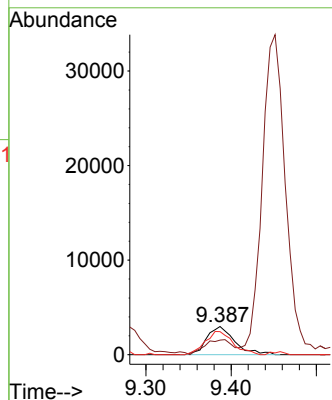
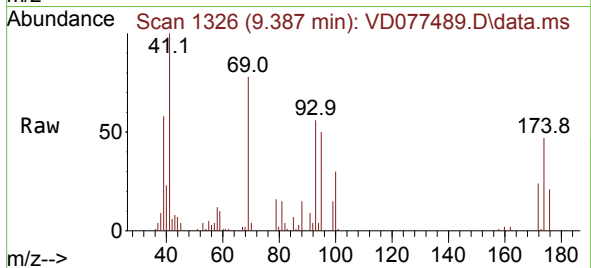
Tgt Ion: 88 Resp: 6772

Ion Ratio Lower Upper

88 100

43 51.1 19.0 28.6#

58 82.5 43.5 65.3#



#50

Toluene-d8

Concen: 53.701 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077489.D

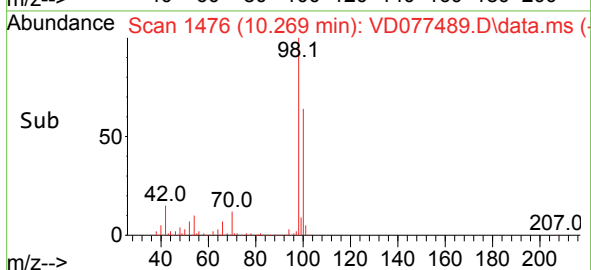
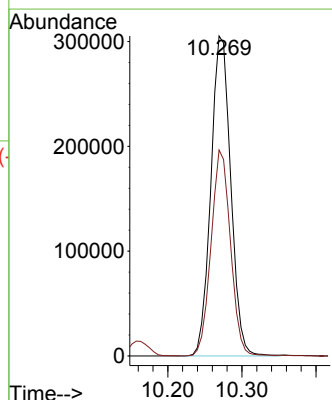
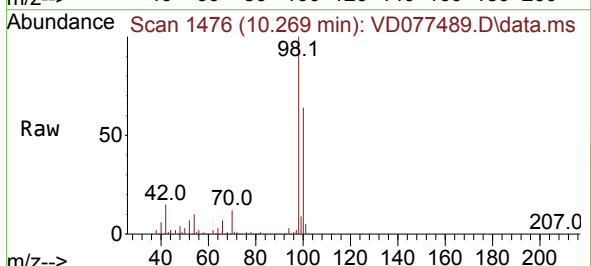
Acq: 02 Nov 2023 12:24

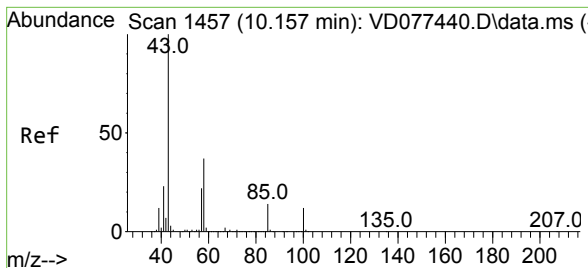
Tgt Ion: 98 Resp: 568717

Ion Ratio Lower Upper

98 100

100 62.9 50.3 75.5

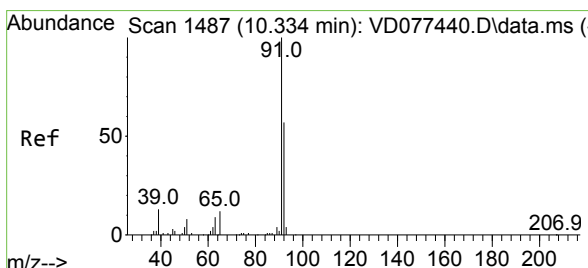
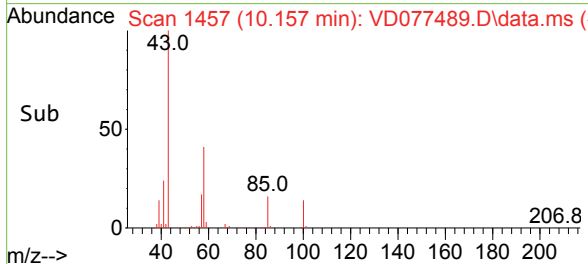
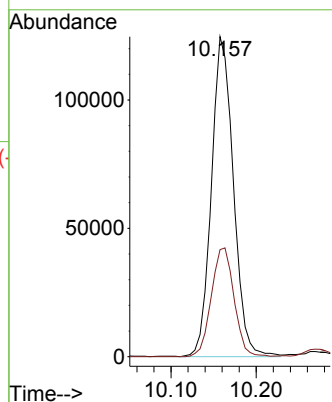
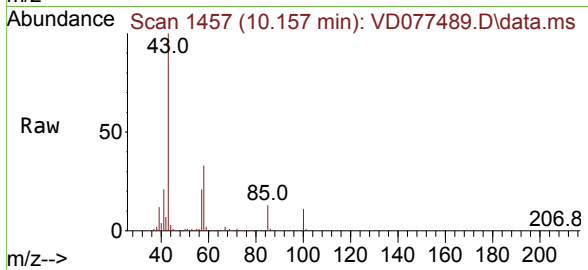




#51
4-Methyl-2-Pentanone
Concen: 94.830 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

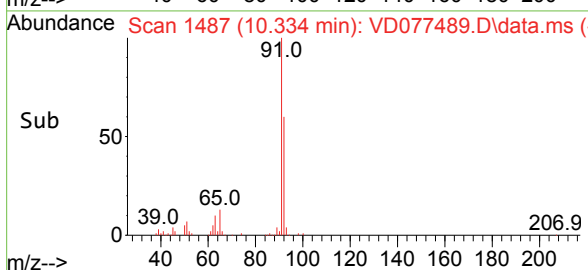
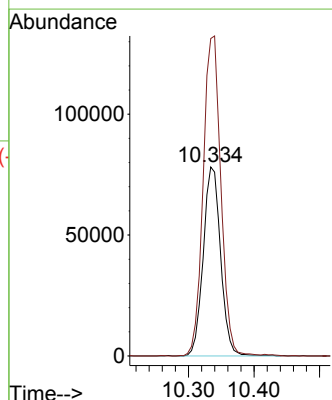
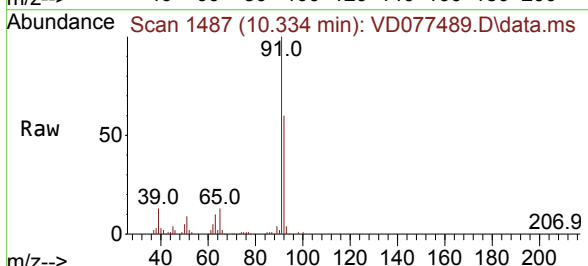
Instrument :
MSVOA_D
ClientSampleId :

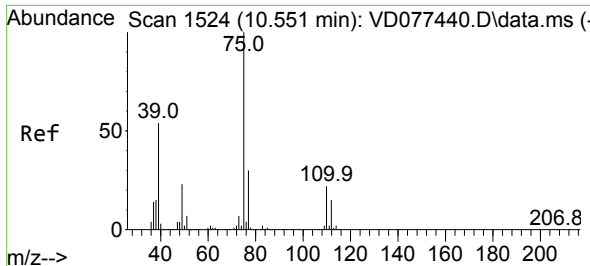
Tgt Ion: 43 Resp: 223464
Ion Ratio Lower Upper
43 100
58 35.2 38.9 58.3#



#52
Toluene
Concen: 20.515 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

Tgt Ion: 92 Resp: 144164
Ion Ratio Lower Upper
92 100
91 172.7 143.0 214.4

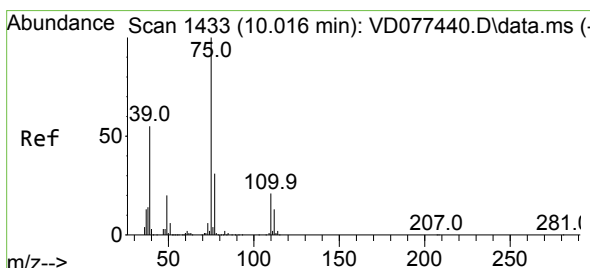
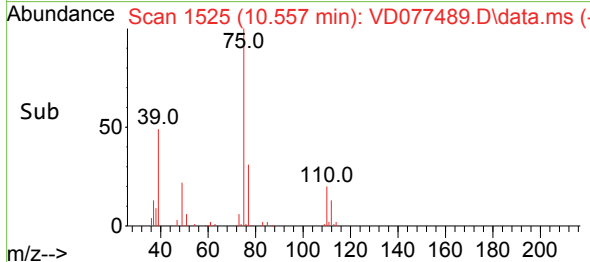
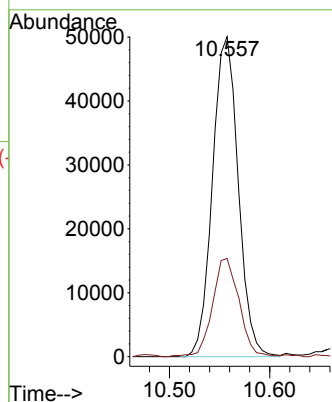
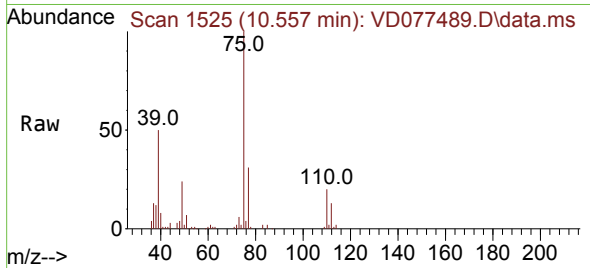




#53
 t-1,3-Dichloropropene
 Concen: 19.518 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD077489.D
 Acq: 02 Nov 2023 12:24

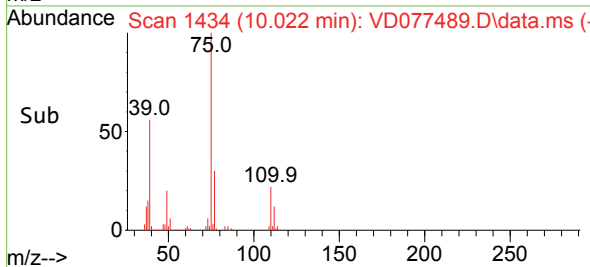
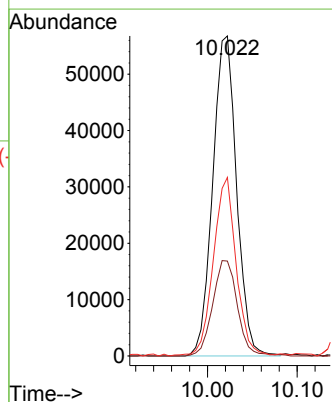
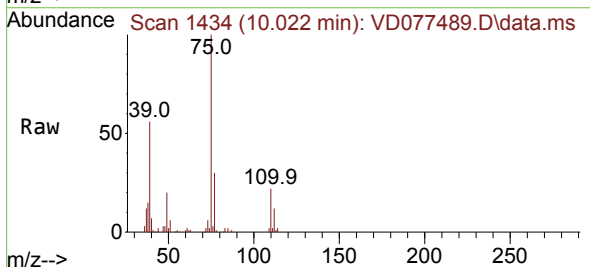
Instrument :
 MSVOA_D
 ClientSampleId :

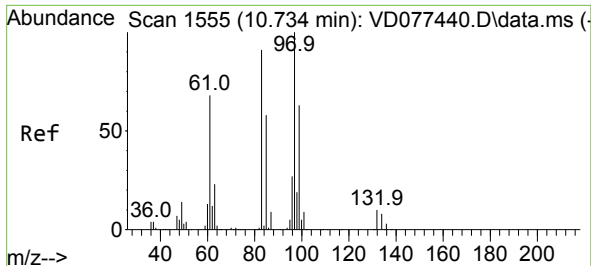
Tgt Ion: 75 Resp: 89217
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.913 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD077489.D
 Acq: 02 Nov 2023 12:24

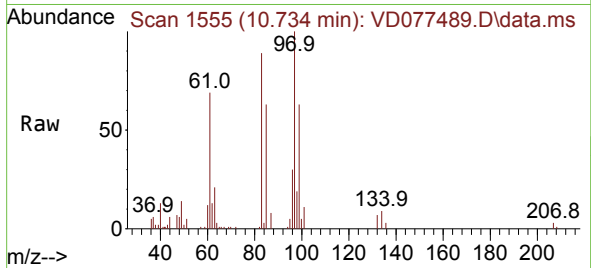
Tgt Ion: 75 Resp: 104744
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.5 38.3
 39 55.4 22.1 33.1#



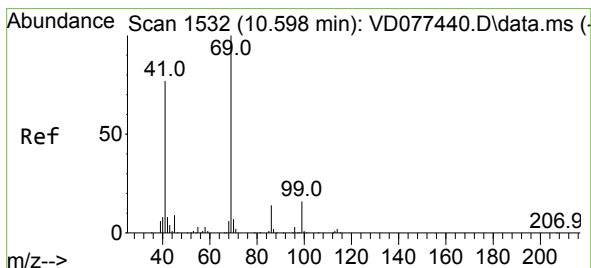
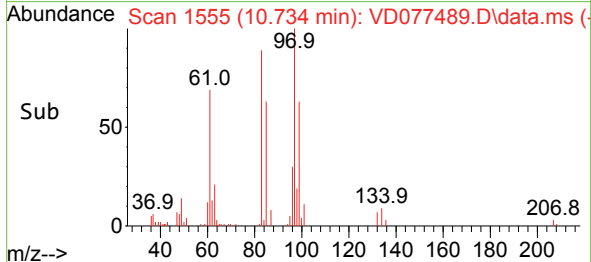
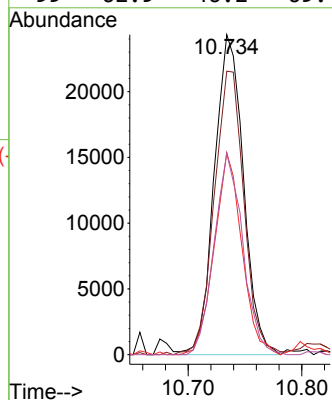


#55
1,1,2-Trichloroethane
Concen: 19.848 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

Instrument :
MSVOA_D
ClientSampleId :

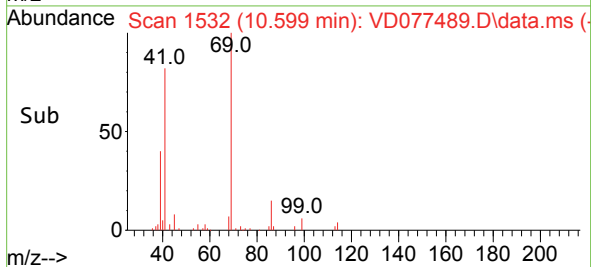
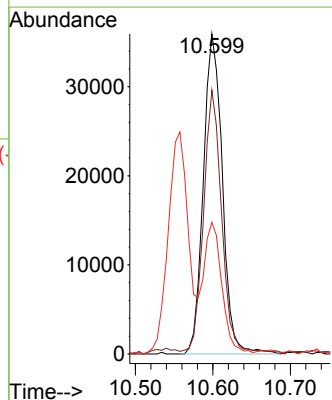
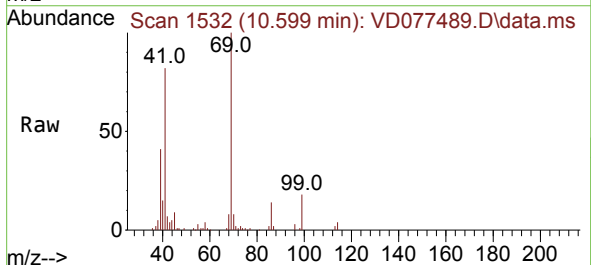


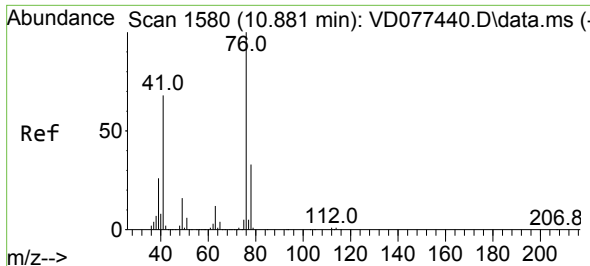
Tgt Ion:	97	Resp:	43248
Ion	Ratio	Lower	Upper
97	100		
83	87.8	65.8	98.6
85	63.1	45.7	68.5
99	62.9	46.2	69.4



#56
Ethyl methacrylate
Concen: 18.875 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

Tgt Ion:	69	Resp:	61150
Ion	Ratio	Lower	Upper
69	100		
41	79.9	39.1	58.7#
39	37.7	20.0	30.0#

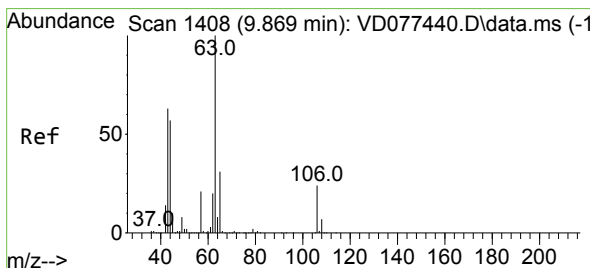
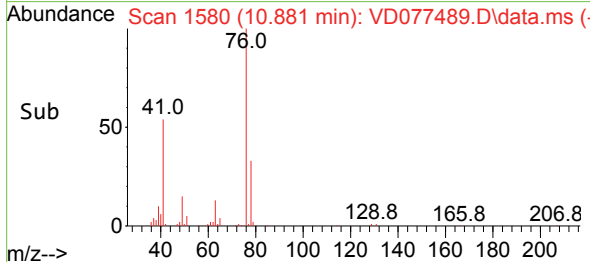
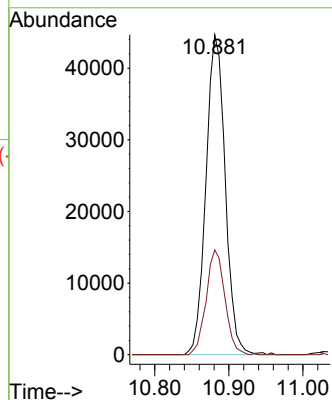
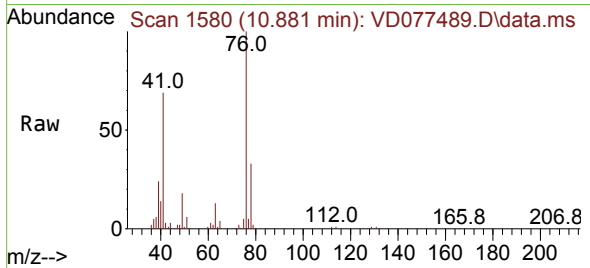




#57
1,3-Dichloropropane
Concen: 19.809 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

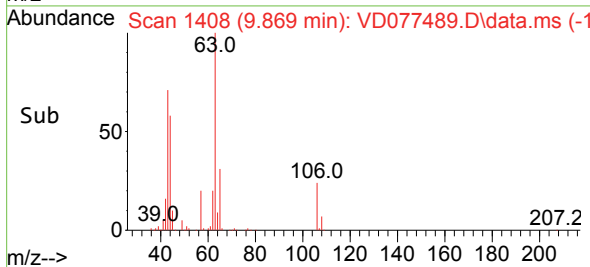
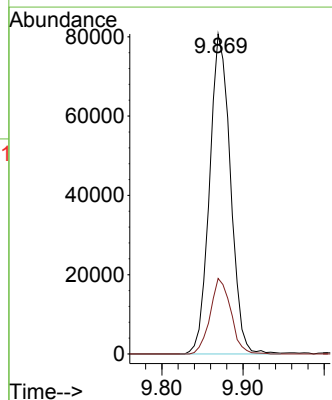
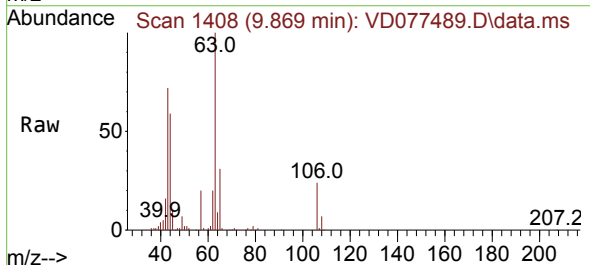
Instrument :
MSVOA_D
ClientSampleId :

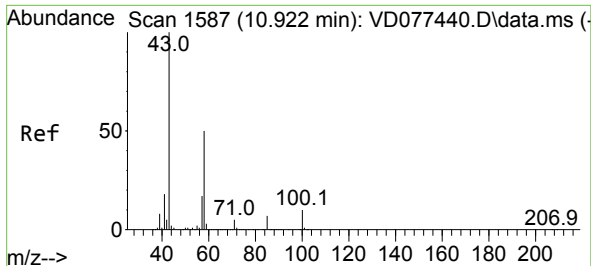
Tgt Ion: 76 Resp: 80678
Ion Ratio Lower Upper
76 100
78 31.9 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 88.844 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

Tgt Ion: 63 Resp: 144096
Ion Ratio Lower Upper
63 100
106 23.4 25.3 37.9#

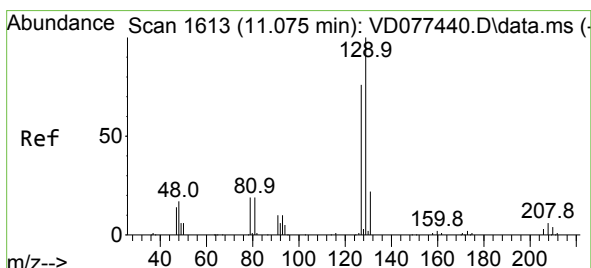
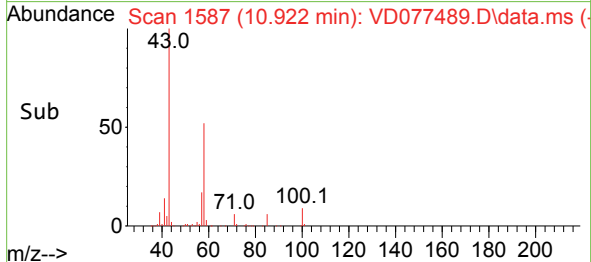
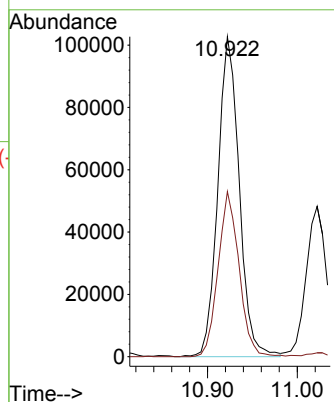
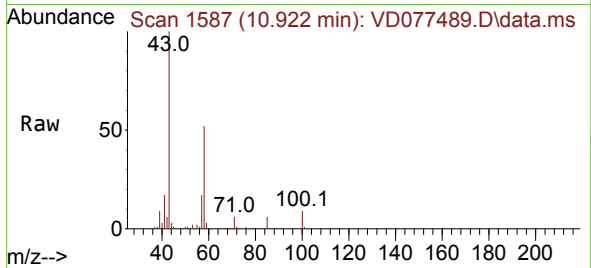




#59
2-Hexanone
Concen: 97.916 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

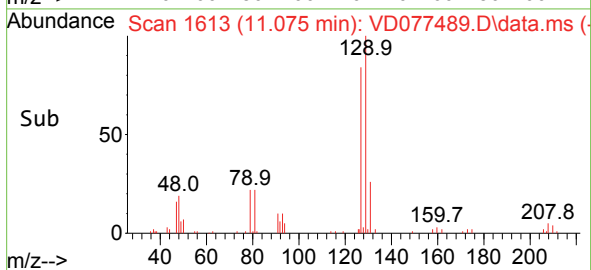
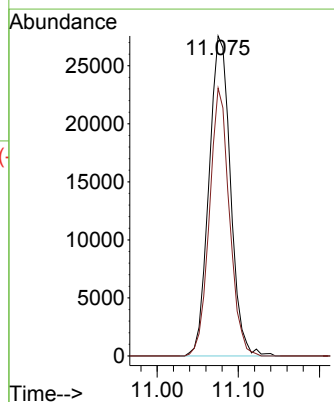
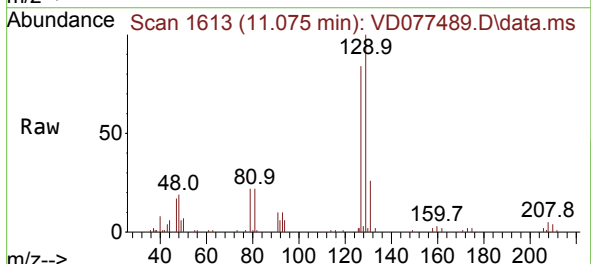
Instrument :
MSVOA_D
ClientSampleId :

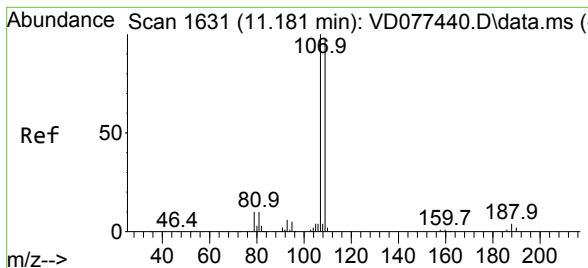
Tgt Ion: 43 Resp: 169976
Ion Ratio Lower Upper
43 100
58 50.6 34.1 102.2



#60
Dibromochloromethane
Concen: 19.352 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

Tgt Ion: 129 Resp: 50703
Ion Ratio Lower Upper
129 100
127 77.7 37.1 111.5

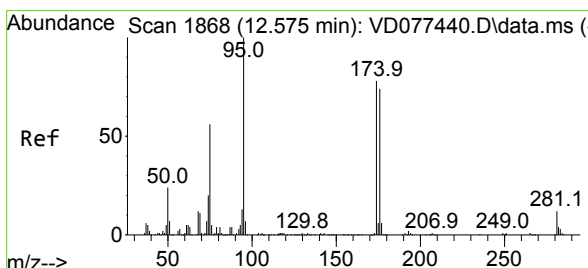
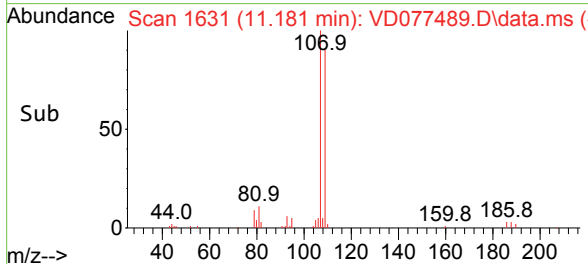
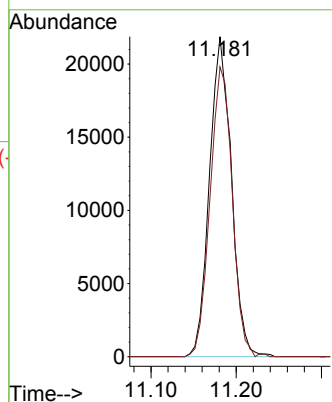
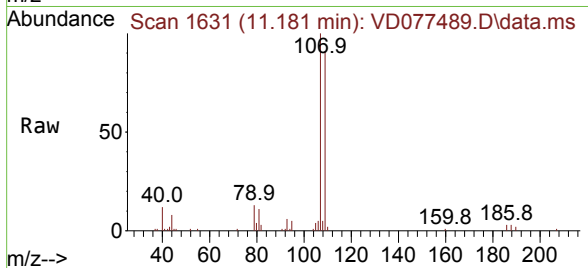




#61
1,2-Dibromoethane
Concen: 18.907 ug/l
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

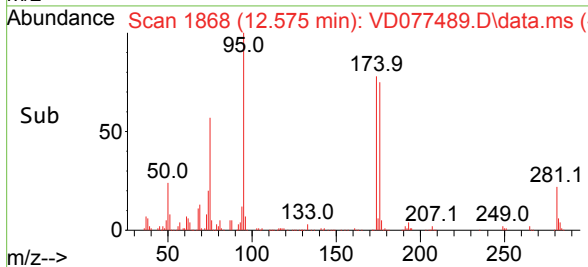
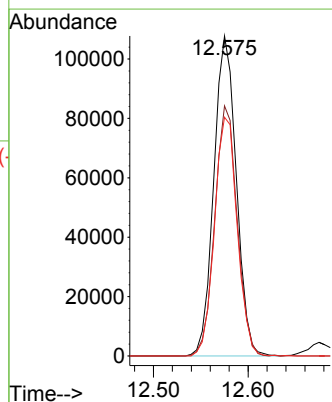
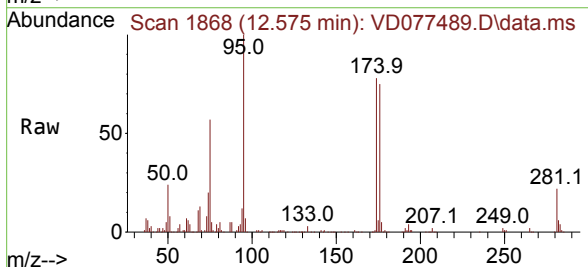
Instrument :
MSVOA_D
ClientSampleId :

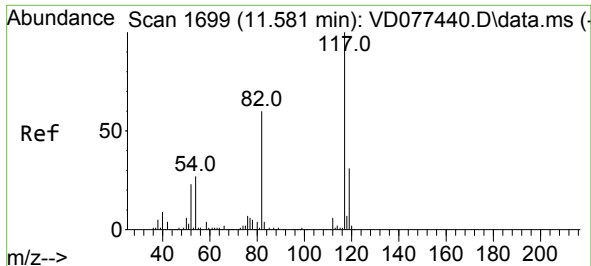
Tgt Ion:107 Resp: 39014
Ion Ratio Lower Upper
107 100
109 91.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.818 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

Tgt Ion: 95 Resp: 177696
Ion Ratio Lower Upper
95 100
174 77.9 0.0 201.8
176 75.4 0.0 191.8

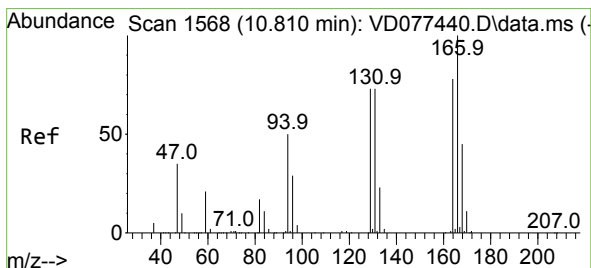
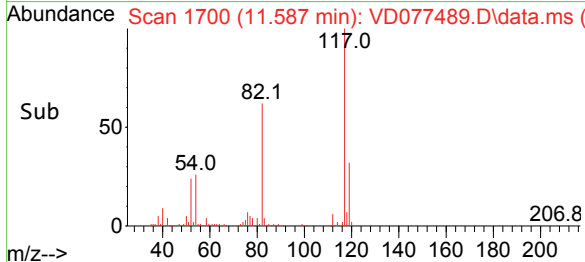
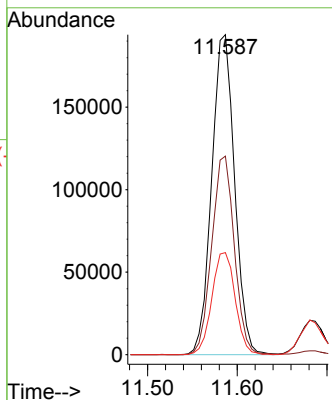
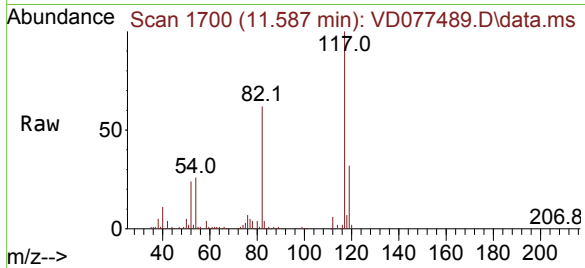




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

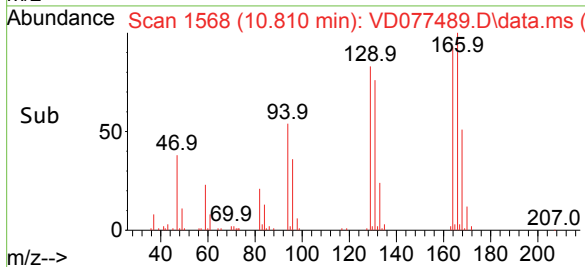
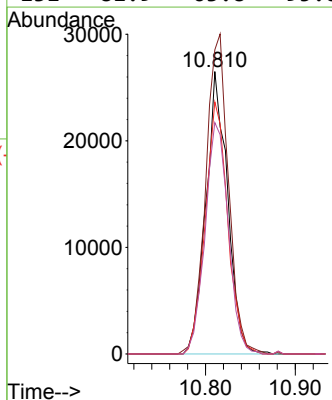
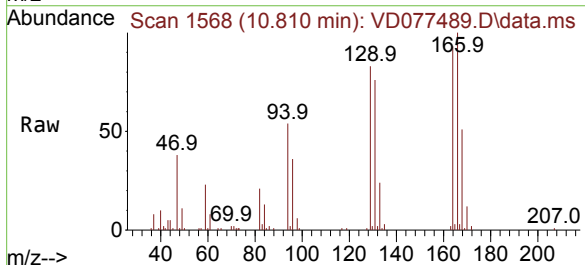
Instrument :
MSVOA_D
ClientSampleId :

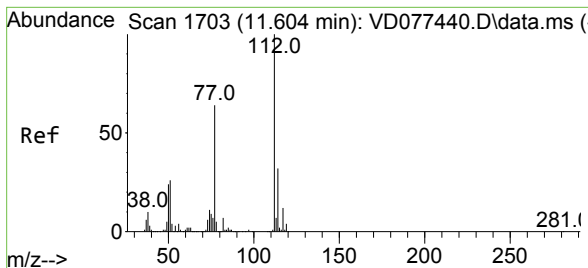
Tgt Ion:117 Resp: 343929
Ion Ratio Lower Upper
117 100
82 62.1 38.3 57.5#
119 31.9 25.0 37.4



#64
Tetrachloroethene
Concen: 20.388 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

Tgt Ion:164 Resp: 44644
Ion Ratio Lower Upper
164 100
166 107.7 99.2 148.8
129 89.3 68.4 102.6
131 81.9 63.8 95.8





#65

Chlorobenzene

Concen: 20.873 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077489.D

Acq: 02 Nov 2023 12:24

Instrument :

MSVOA_D

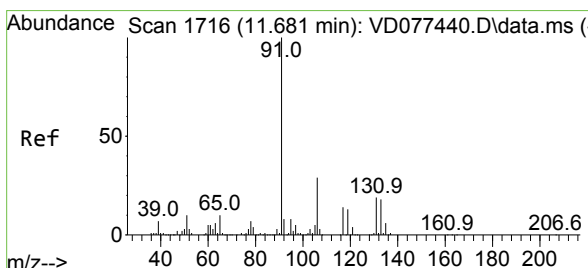
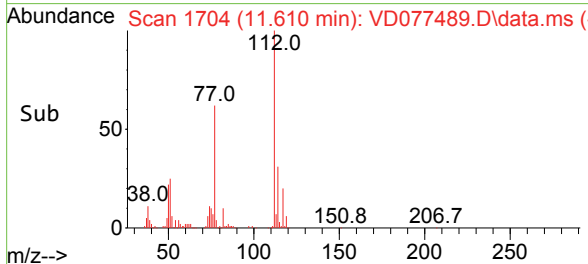
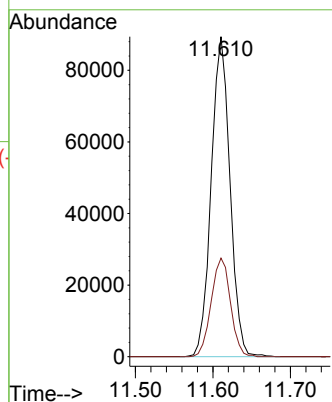
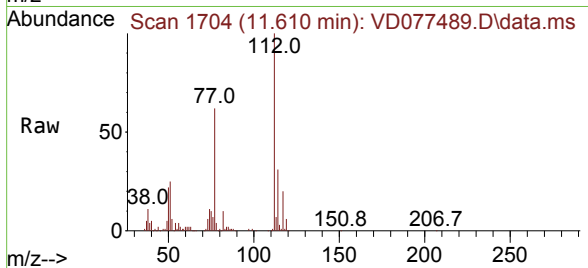
ClientSampleId :

Tgt Ion:112 Resp: 150396

Ion Ratio Lower Upper

112 100

114 30.8 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 20.017 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077489.D

Acq: 02 Nov 2023 12:24

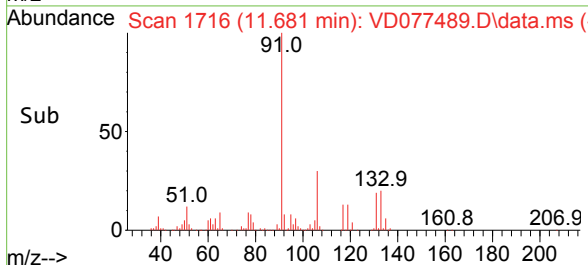
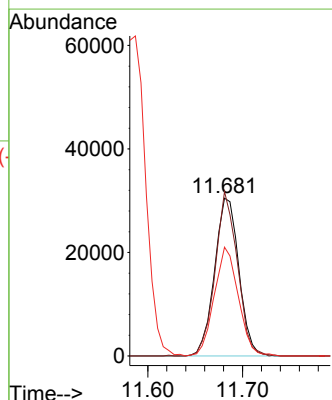
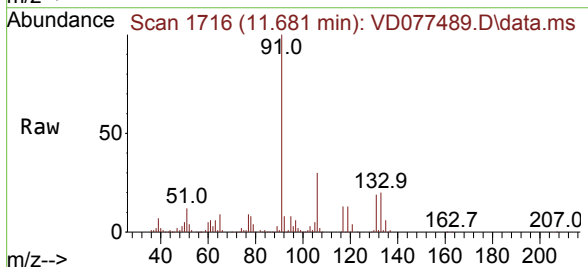
Tgt Ion:131 Resp: 54502

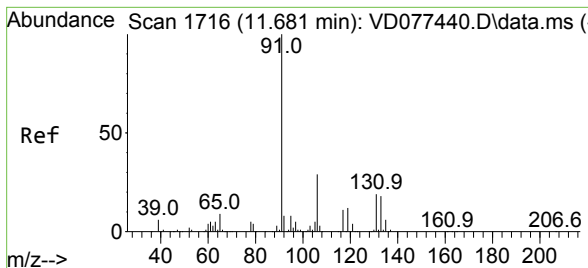
Ion Ratio Lower Upper

131 100

133 95.4 48.5 145.5

119 68.3 35.6 106.9





#67

Ethyl Benzene

Concen: 20.756 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077489.D

Acq: 02 Nov 2023 12:24

Instrument :

MSVOA_D

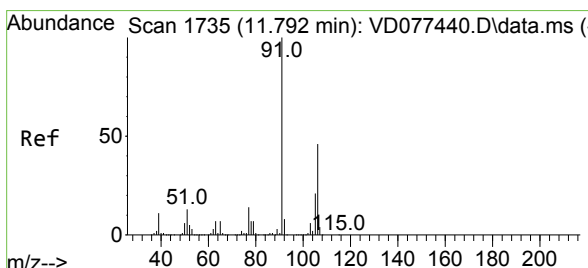
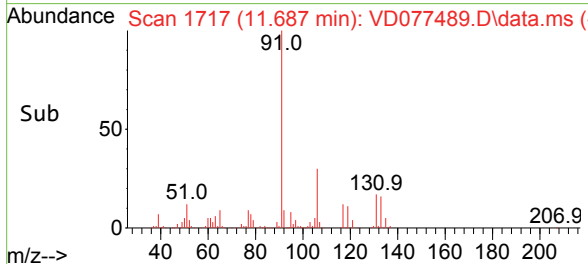
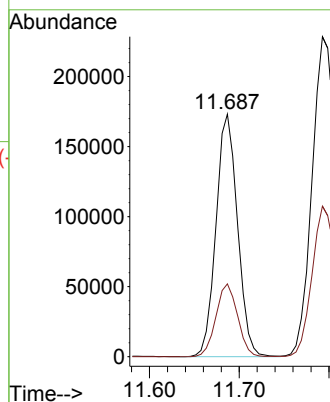
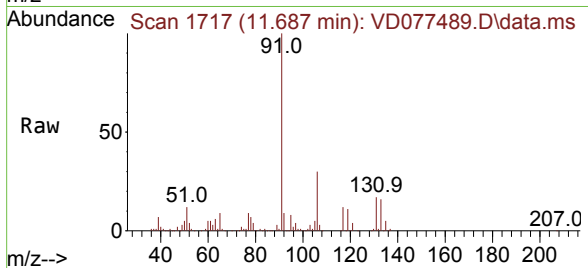
ClientSampleId :

Tgt Ion: 91 Resp: 287751

Ion Ratio Lower Upper

91 100

106 30.0 26.5 39.7



#68

m/p-Xylenes

Concen: 41.426 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077489.D

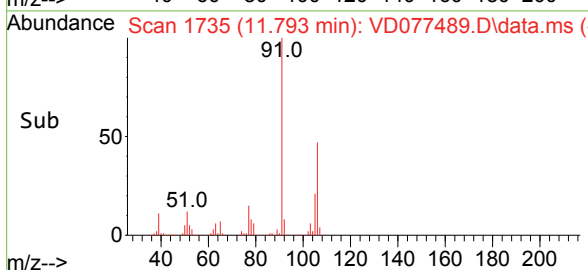
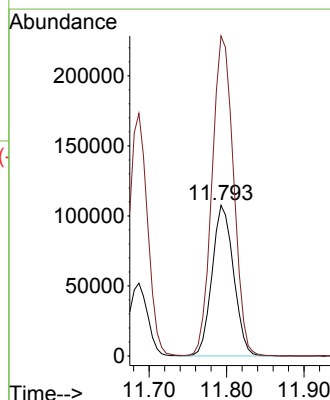
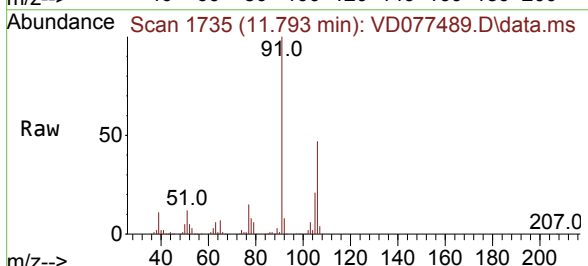
Acq: 02 Nov 2023 12:24

Tgt Ion:106 Resp: 207393

Ion Ratio Lower Upper

106 100

91 212.7 147.0 220.6

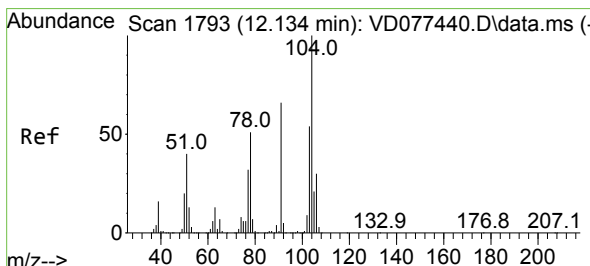
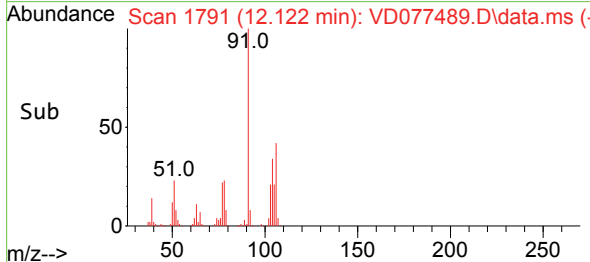
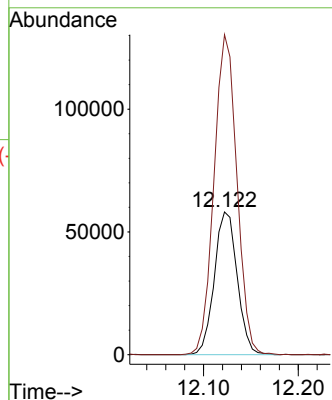
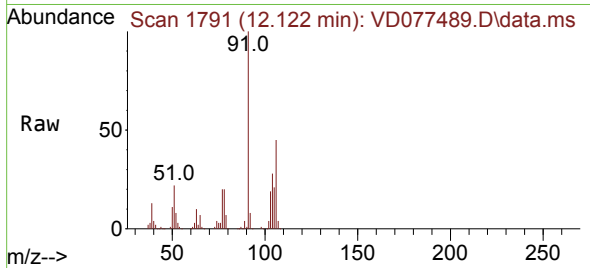




#69
o-Xylene
Concen: 20.376 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

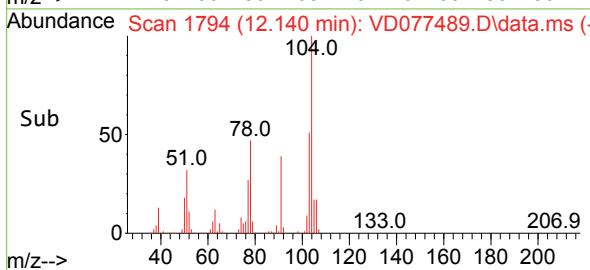
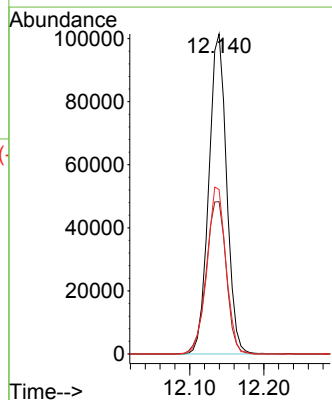
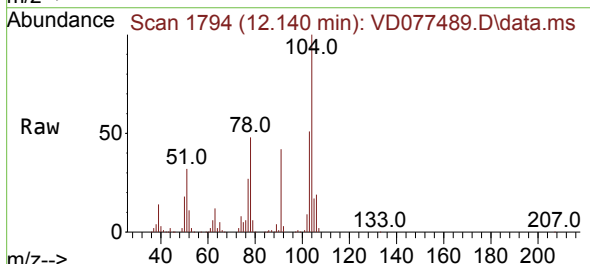
Instrument :
MSVOA_D
ClientSampleId :

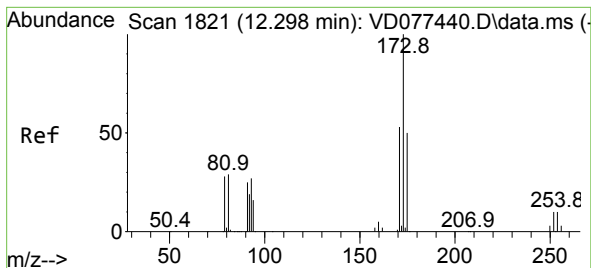
Tgt Ion:106 Resp: 97709
Ion Ratio Lower Upper
106 100
91 224.4 97.9 293.6



#70
Styrene
Concen: 20.480 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

Tgt Ion:104 Resp: 169421
Ion Ratio Lower Upper
104 100
78 53.6 33.2 49.8#
103 55.5 43.6 65.4





#71

Bromoform

Concen: 19.407 ug/l

RT: 12.304 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VD077489.D

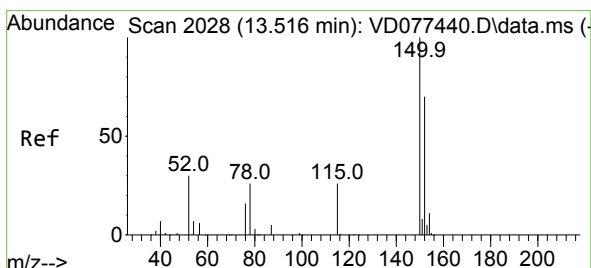
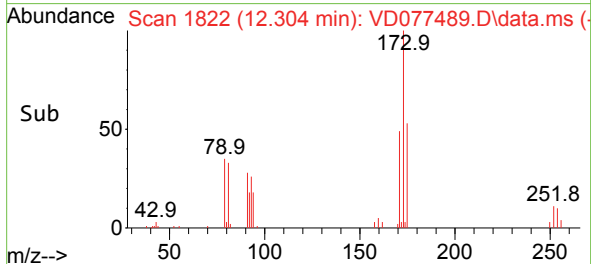
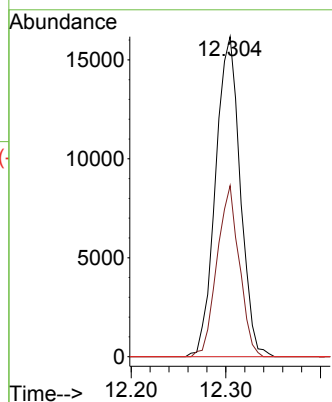
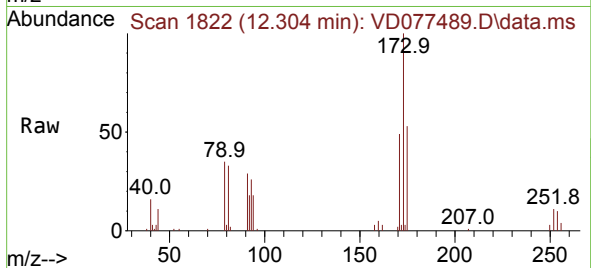
Acq: 02 Nov 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	29295
Ion Ratio	Lower	Upper
173	100	
175	48.3	24.6 73.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

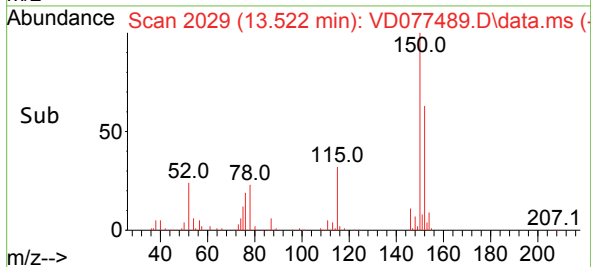
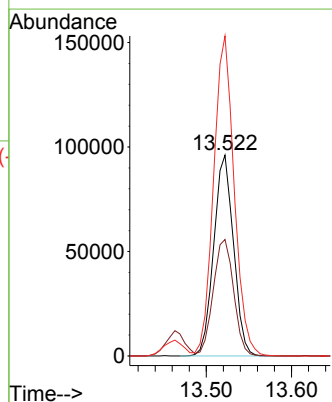
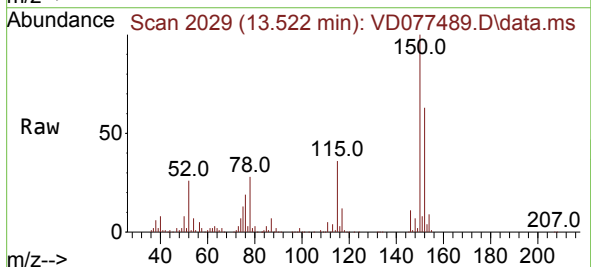
RT: 13.522 min Scan# 2029

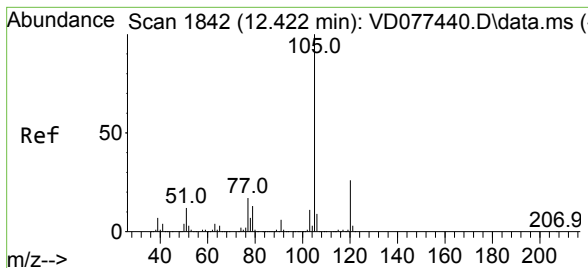
Delta R.T. 0.006 min

Lab File: VD077489.D

Acq: 02 Nov 2023 12:24

Tgt Ion:152	Resp:	154907
Ion Ratio	Lower	Upper
152	100	
115	60.0	27.1 81.3
150	166.0	0.0 353.6





#73

Isopropylbenzene

Concen: 21.887 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077489.D

Acq: 02 Nov 2023 12:24

Instrument :

MSVOA_D

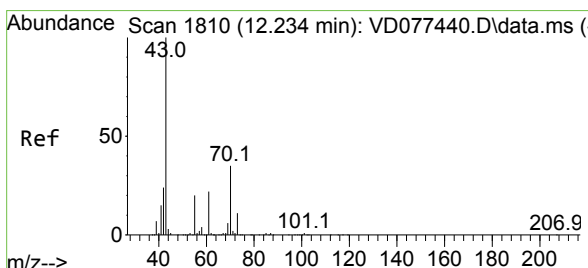
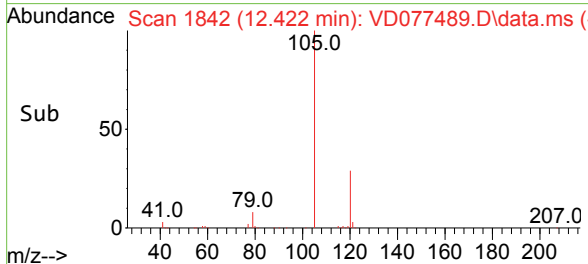
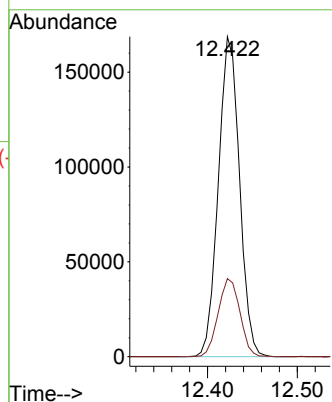
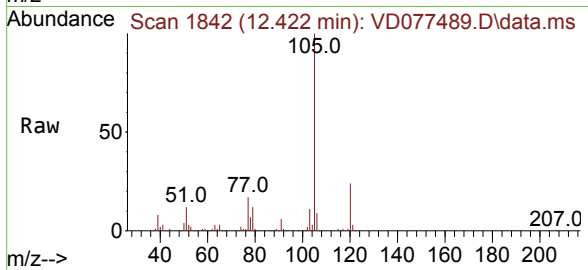
ClientSampleId :

Tgt Ion:105 Resp: 276424

Ion Ratio Lower Upper

105 100

120 25.0 14.3 42.9



#74

N-ethyl acetate

Concen: 18.716 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD077489.D

Acq: 02 Nov 2023 12:24

Tgt Ion: 43 Resp: 83724

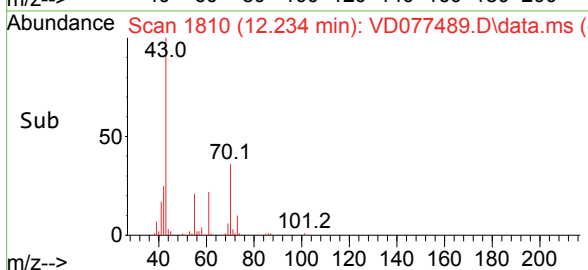
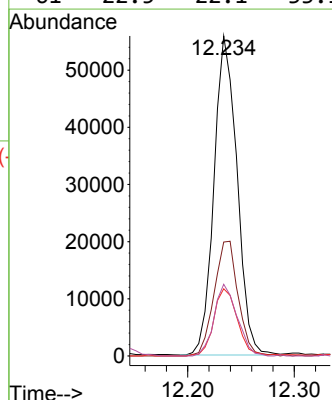
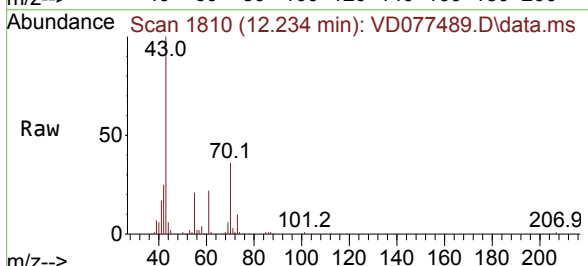
Ion Ratio Lower Upper

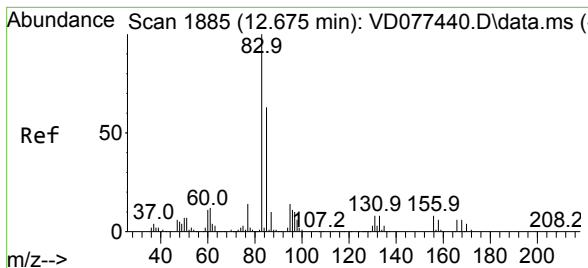
43 100

70 37.7 45.0 67.4#

55 22.2 23.8 35.6#

61 22.5 22.1 33.1

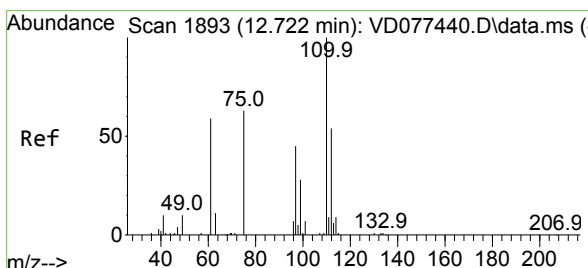
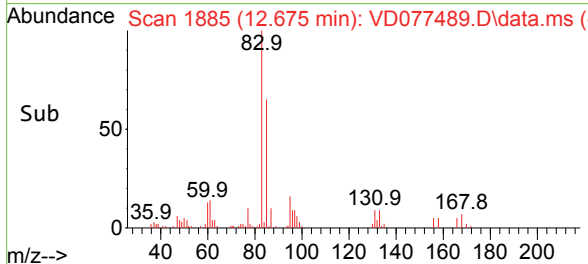
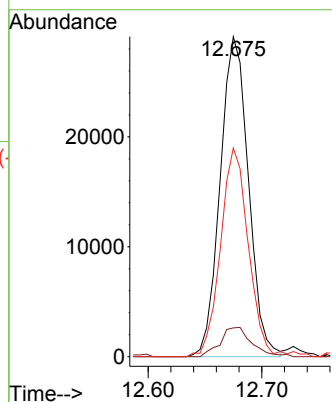
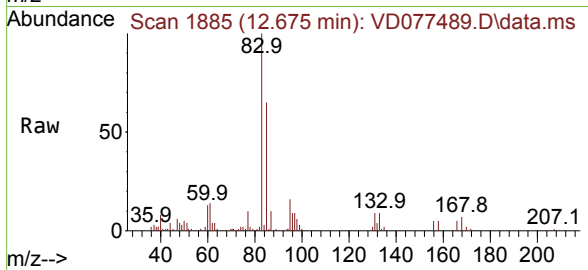




#75
1,1,2,2-Tetrachloroethane
Concen: 20.323 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

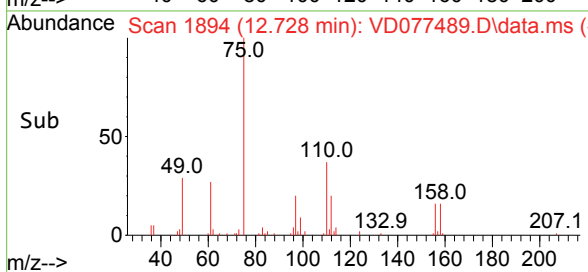
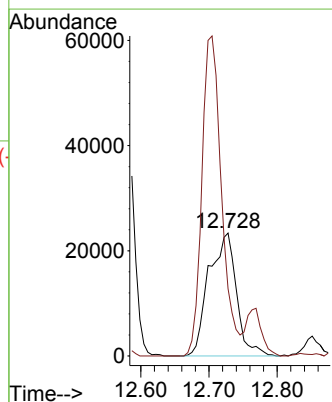
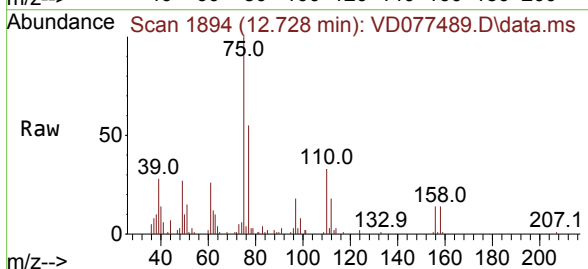
Instrument :
MSVOA_D
ClientSampleId :

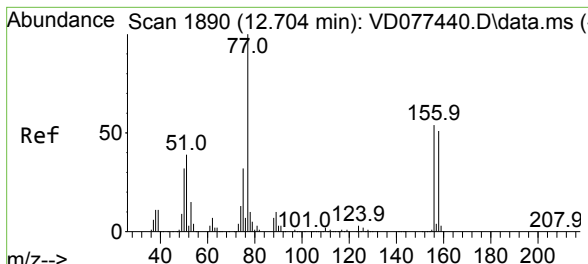
Tgt Ion: 83 Resp: 50314
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 64.7 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 34.878 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

Tgt Ion: 75 Resp: 65758
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

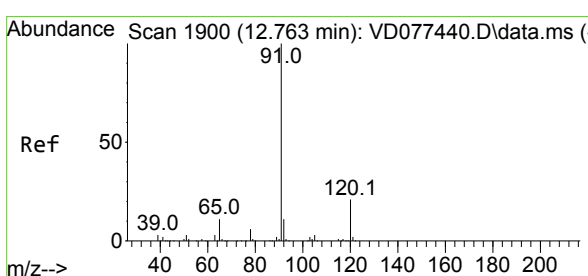
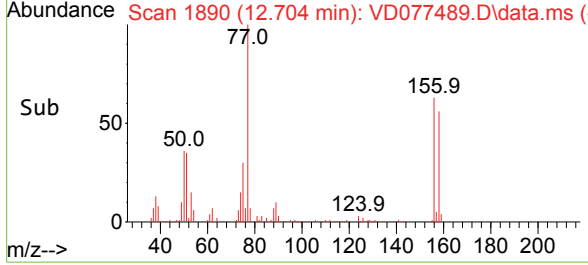
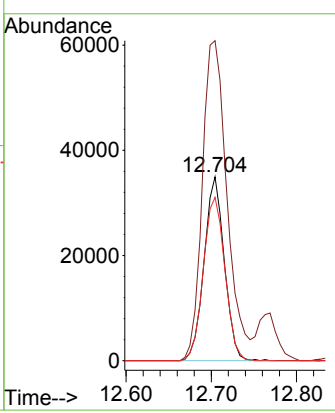
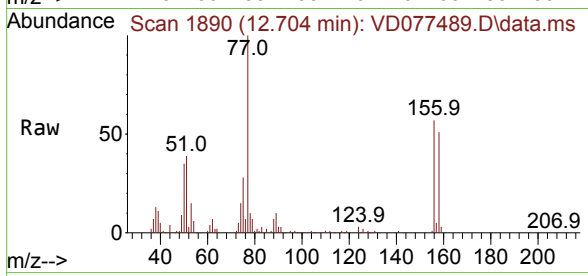




#77
 Bromobenzene
 Concen: 20.697 ug/l
 RT: 12.704 min Scan# 1890
 Delta R.T. 0.000 min
 Lab File: VD077489.D
 Acq: 02 Nov 2023 12:24

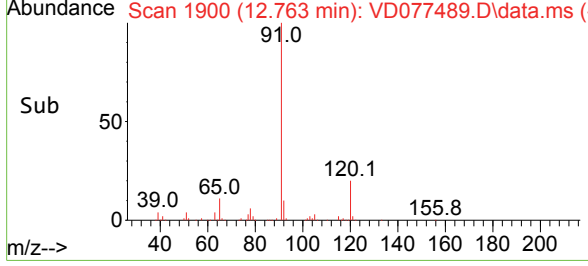
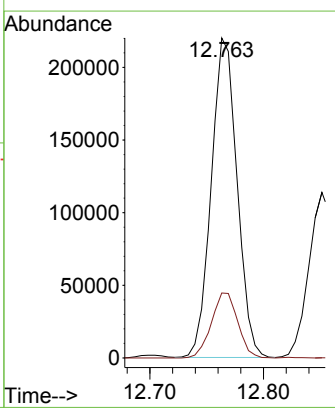
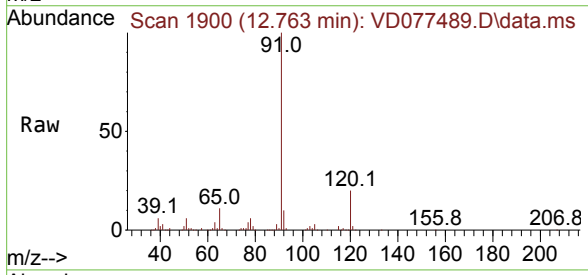
Instrument :
 MSVOA_D
 ClientSampleId :

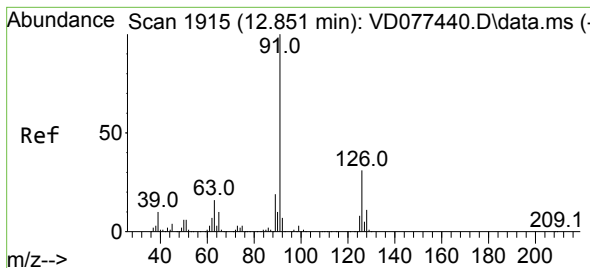
Tgt Ion:	156	Resp:	57536
Ion Ratio	Lower	Upper	
156	100		
77	212.2	76.8	230.4
158	95.0	48.6	145.9



#78
 n-propylbenzene
 Concen: 21.653 ug/l
 RT: 12.763 min Scan# 1900
 Delta R.T. 0.000 min
 Lab File: VD077489.D
 Acq: 02 Nov 2023 12:24

Tgt Ion:	91	Resp:	347238
Ion Ratio	Lower	Upper	
91	100		
120	20.7	12.4	37.2





#79

2-Chlorotoluene

Concen: 20.726 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077489.D

Acq: 02 Nov 2023 12:24

Instrument :

MSVOA_D

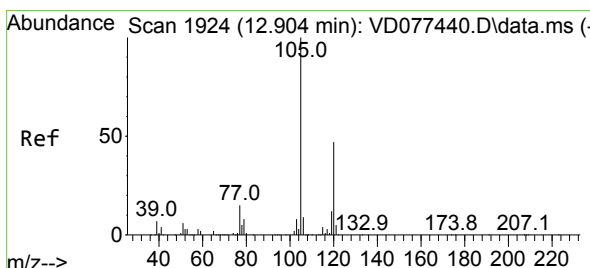
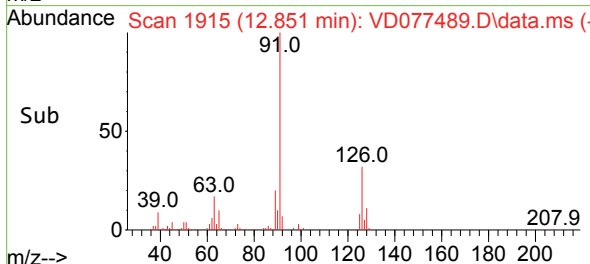
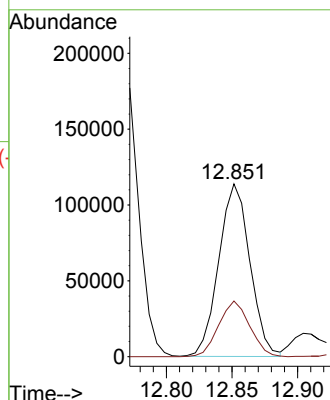
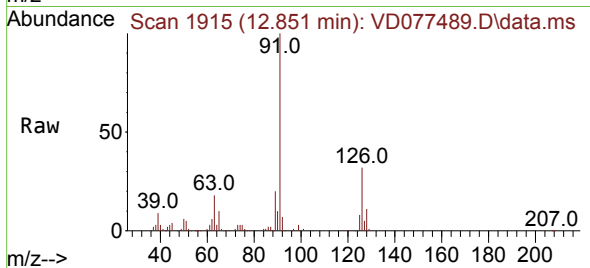
ClientSampleId :

Tgt Ion: 91 Resp: 188191

Ion Ratio Lower Upper

91 100

126 32.0 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 21.263 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077489.D

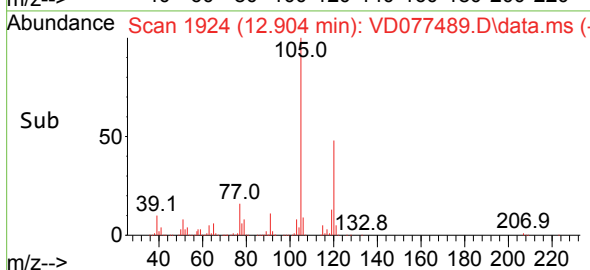
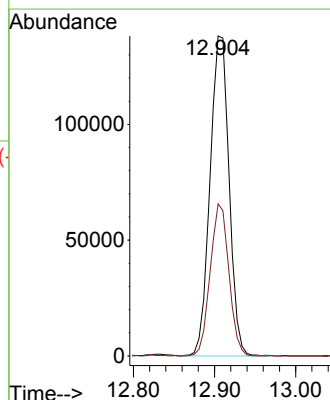
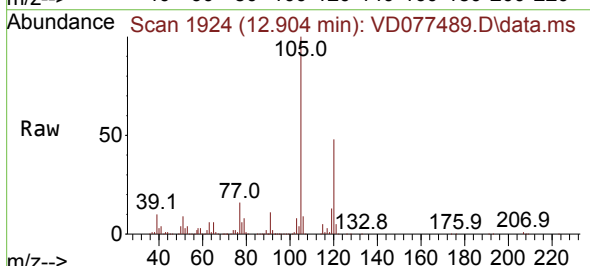
Acq: 02 Nov 2023 12:24

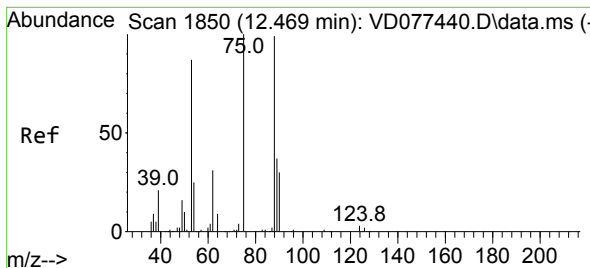
Tgt Ion:105 Resp: 225330

Ion Ratio Lower Upper

105 100

120 46.6 26.4 79.2

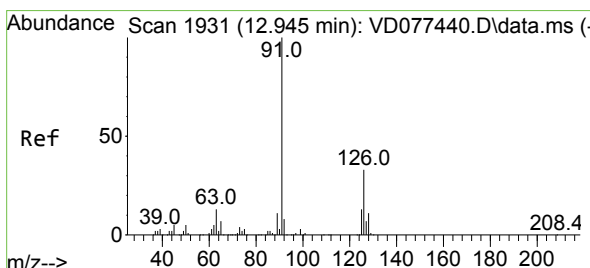
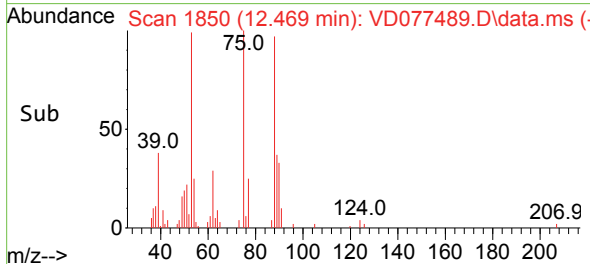
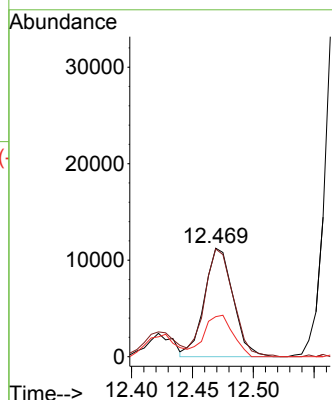
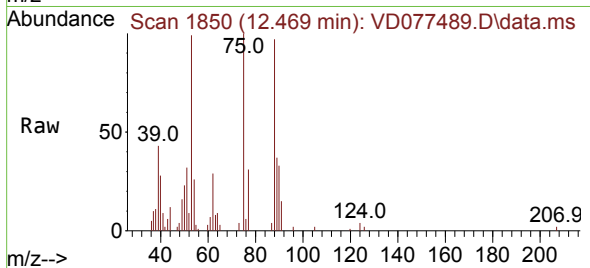




#81
trans-1,4-Dichloro-2-butene
Concen: 18.896 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

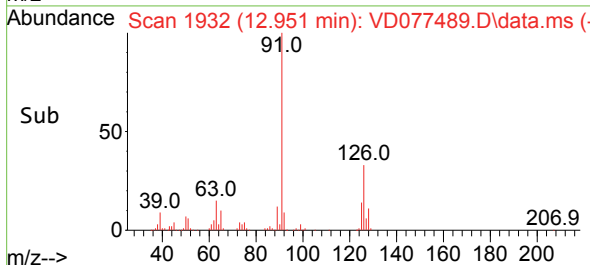
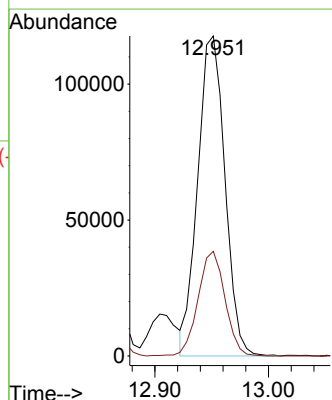
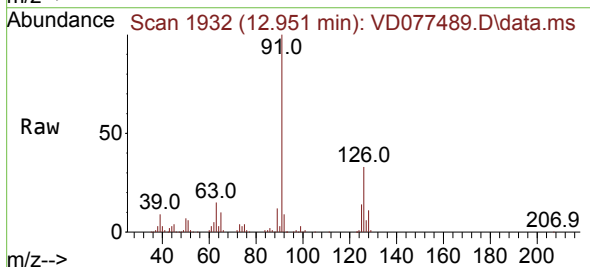
Instrument :
MSVOA_D
ClientSampleId :

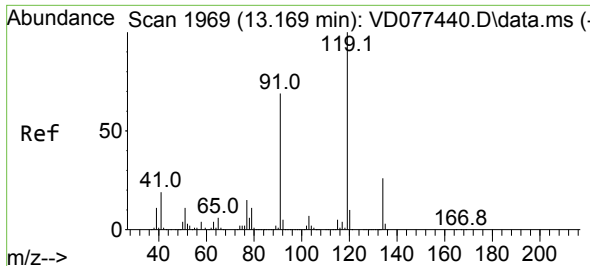
Tgt Ion: 75 Resp: 18443
Ion Ratio Lower Upper
75 100
53 97.8 63.0 94.4#
89 38.4 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.740 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

Tgt Ion: 91 Resp: 196153
Ion Ratio Lower Upper
91 100
126 32.3 19.4 58.4

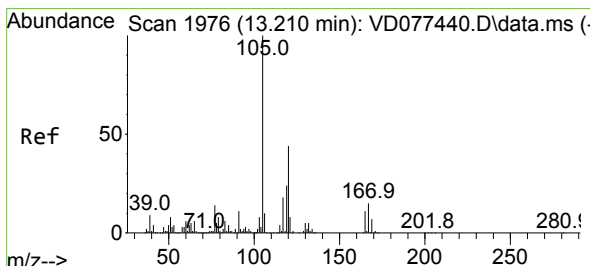
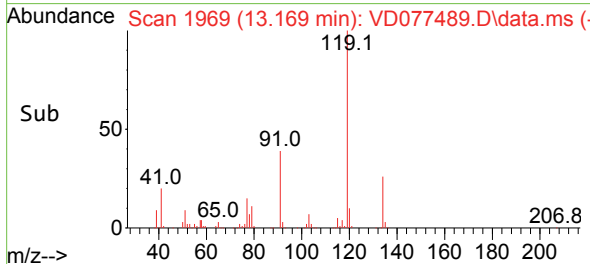
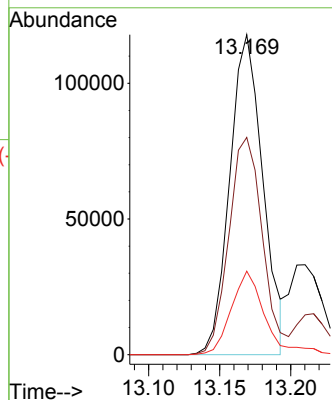
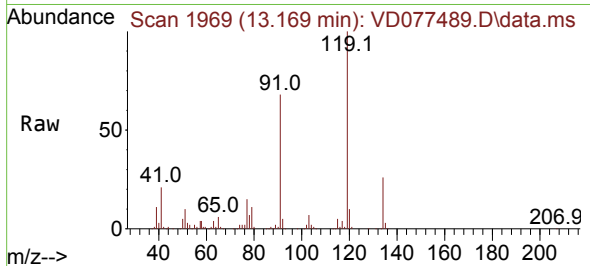




#83
tert-Butylbenzene
Concen: 21.484 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

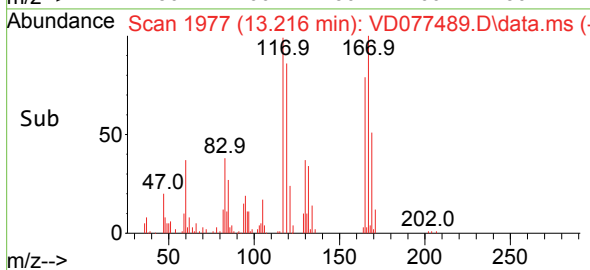
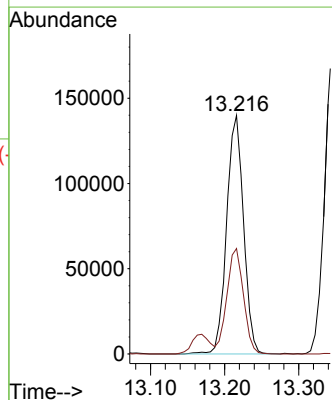
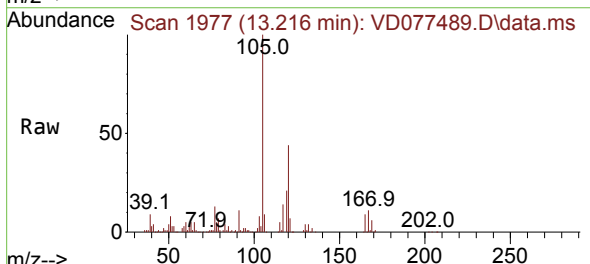
Instrument :
MSVOA_D
ClientSampleId :

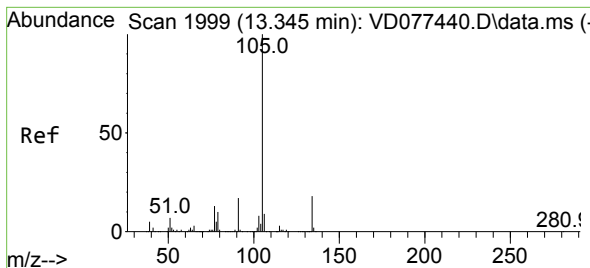
Tgt Ion:119 Resp: 191422
Ion Ratio Lower Upper
119 100
91 69.2 29.3 87.8
134 26.5 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 21.056 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

Tgt Ion:105 Resp: 221660
Ion Ratio Lower Upper
105 100
120 43.5 24.3 72.9





#85

sec-Butylbenzene

Concen: 21.807 ug/l

RT: 13.346 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD077489.D

Acq: 02 Nov 2023 12:24

Instrument :

MSVOA_D

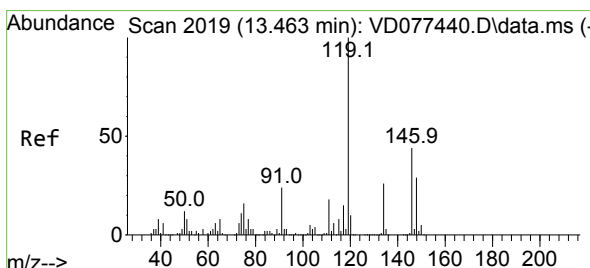
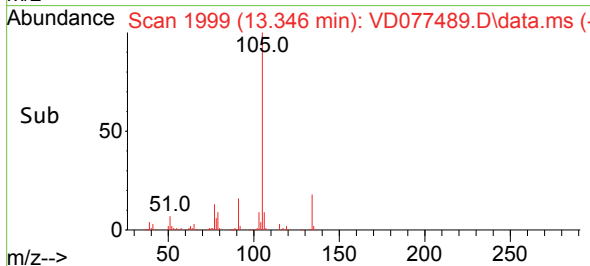
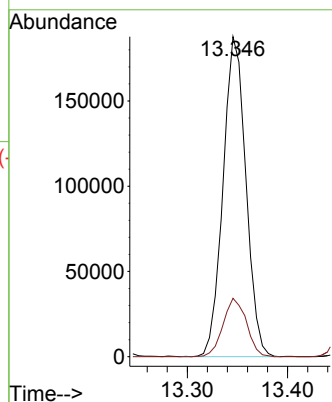
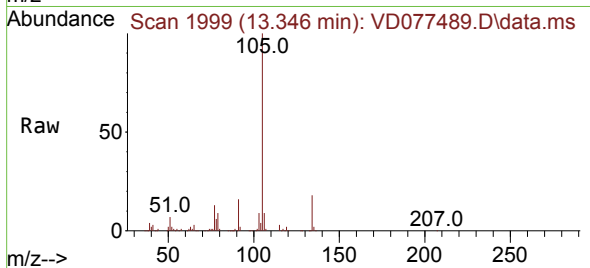
ClientSampleId :

Tgt Ion:105 Resp: 297281

Ion Ratio Lower Upper

105 100

134 18.7 10.9 32.9



#86

p-Isopropyltoluene

Concen: 21.960 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD077489.D

Acq: 02 Nov 2023 12:24

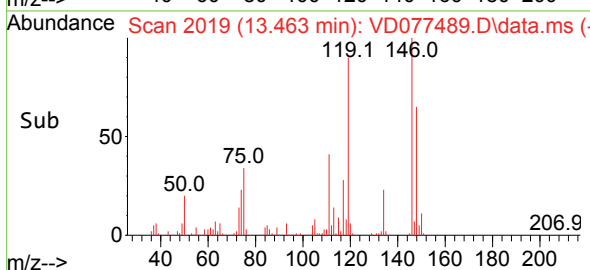
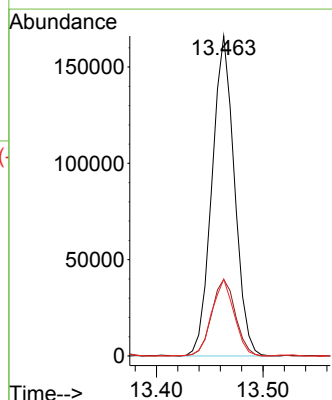
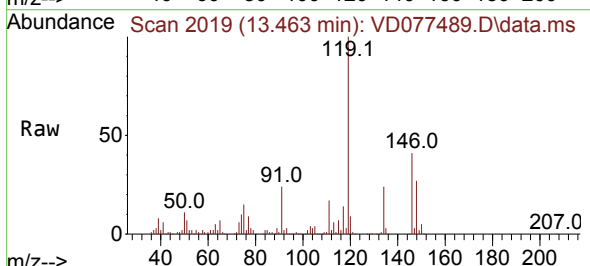
Tgt Ion:119 Resp: 243333

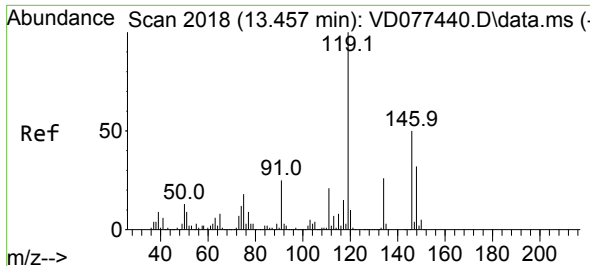
Ion Ratio Lower Upper

119 100

134 25.3 14.2 42.6

91 23.9 10.5 31.5

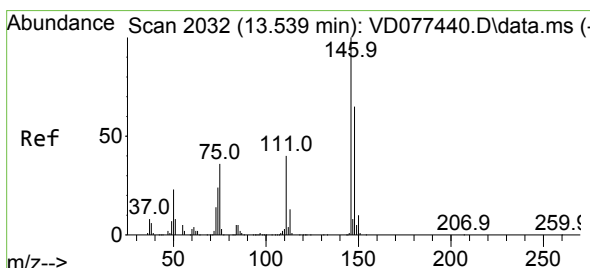
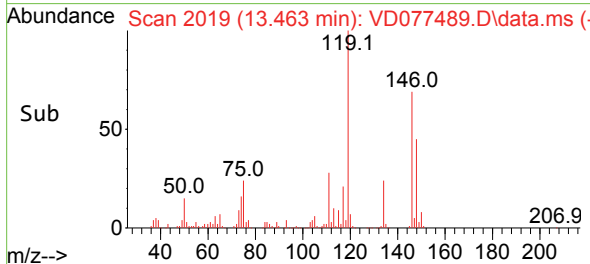
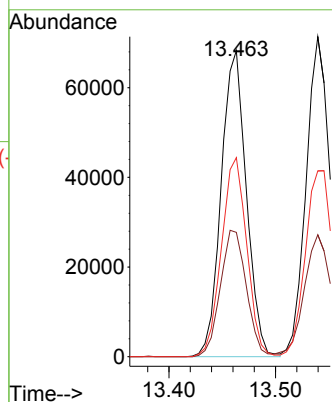
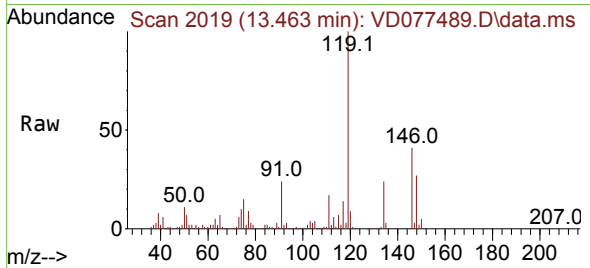




#87
1,3-Dichlorobenzene
Concen: 20.502 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

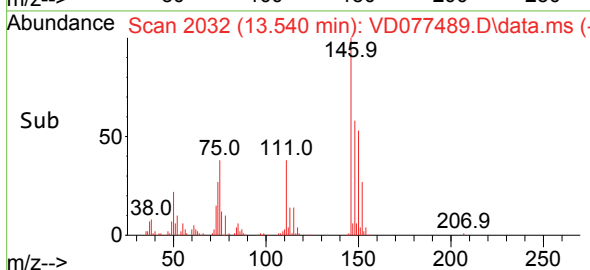
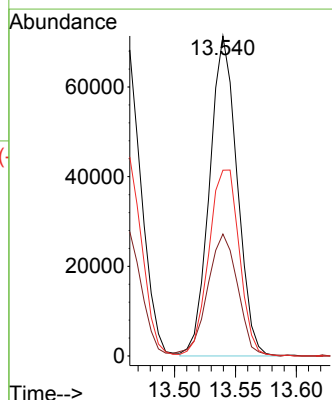
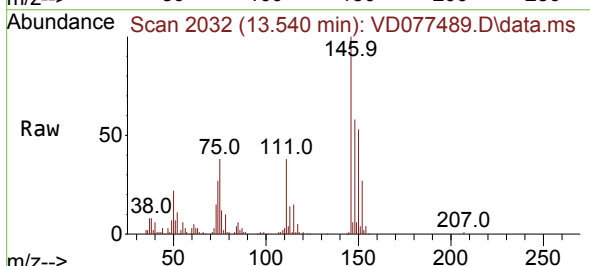
Instrument :
MSVOA_D
ClientSampleId :

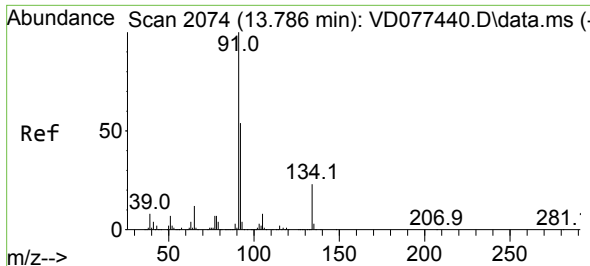
Tgt Ion:146 Resp: 112035
Ion Ratio Lower Upper
146 100
111 42.7 17.9 53.8
148 65.4 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 20.642 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

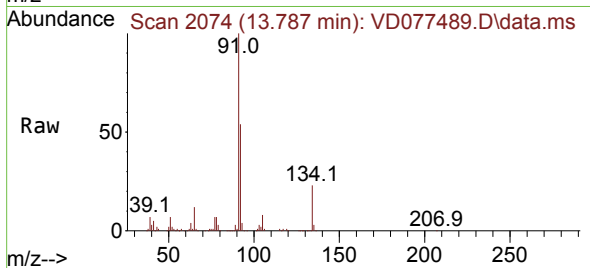
Tgt Ion:146 Resp: 112696
Ion Ratio Lower Upper
146 100
111 41.8 17.4 52.3
148 64.6 31.7 95.1



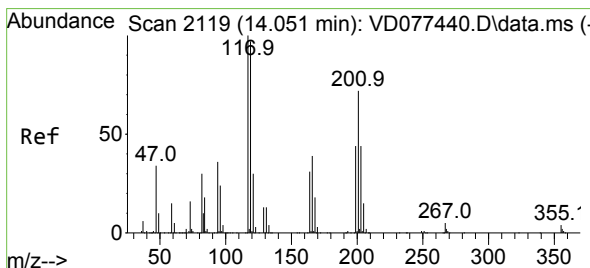
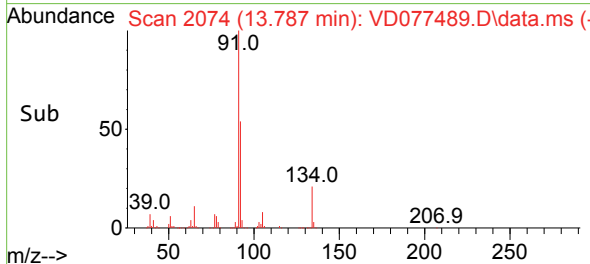
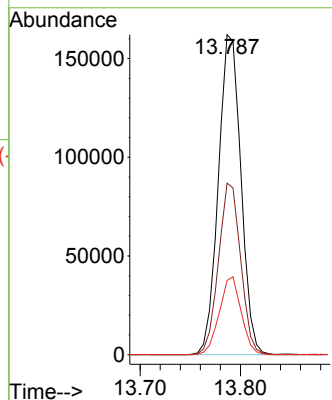


#89
n-Butylbenzene
Concen: 22.000 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

Instrument :
MSVOA_D
ClientSampleId :

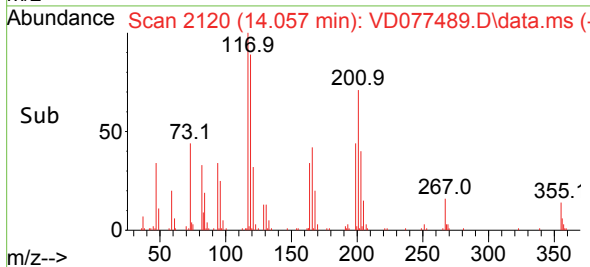
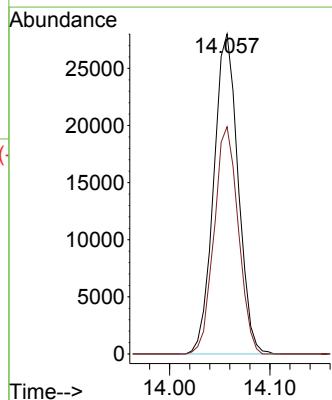
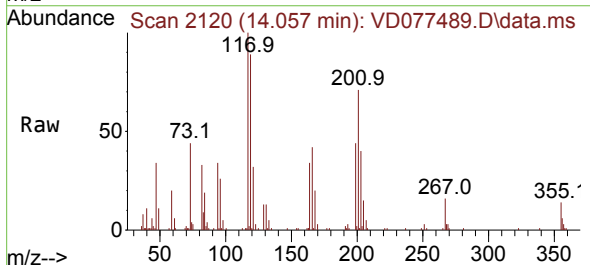


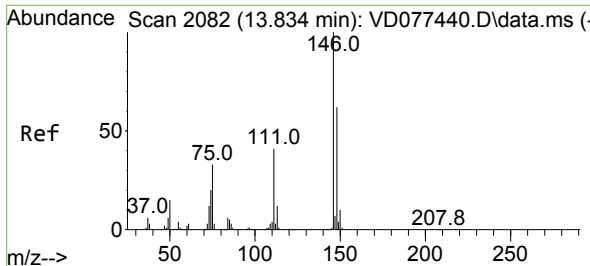
Tgt Ion: 91 Resp: 253381
Ion Ratio Lower Upper
91 100
92 52.7 26.5 79.5
134 23.6 13.8 41.3



#90
Hexachloroethane
Concen: 20.846 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

Tgt Ion: 117 Resp: 47270
Ion Ratio Lower Upper
117 100
201 70.3 38.5 115.5

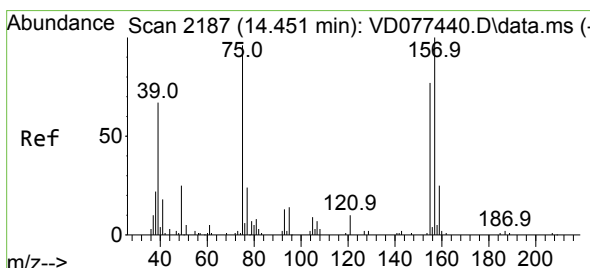
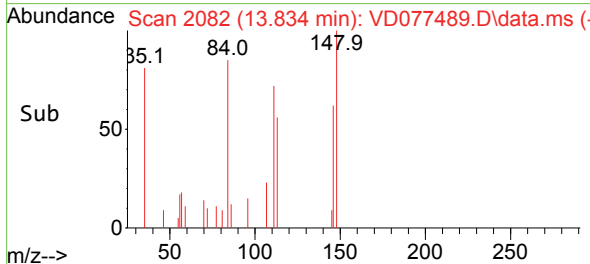
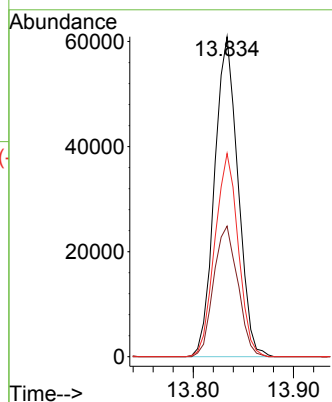
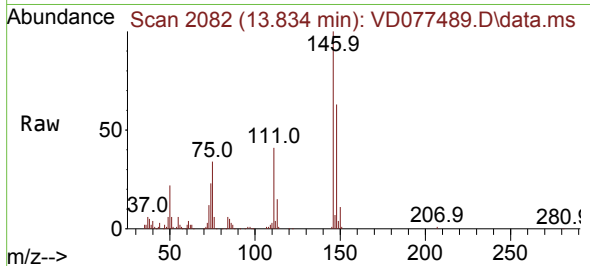




#91
 1,2-Dichlorobenzene
 Concen: 20.547 ug/l
 RT: 13.834 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VD077489.D
 Acq: 02 Nov 2023 12:24

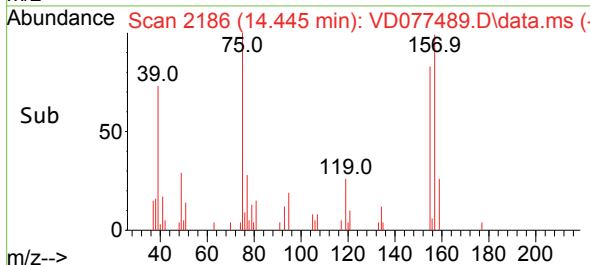
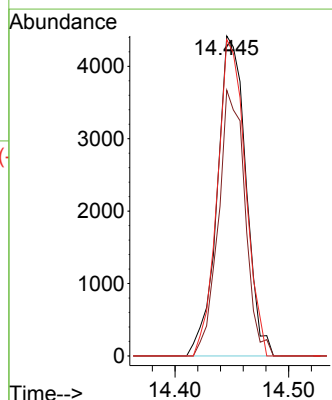
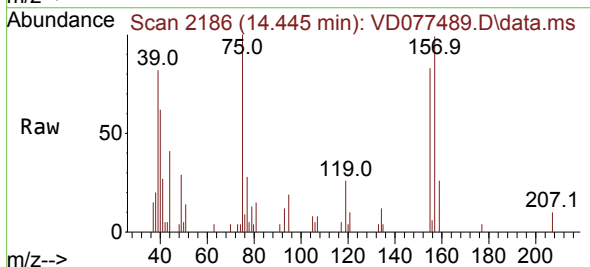
Instrument :
 MSVOA_D
 ClientSampleId :

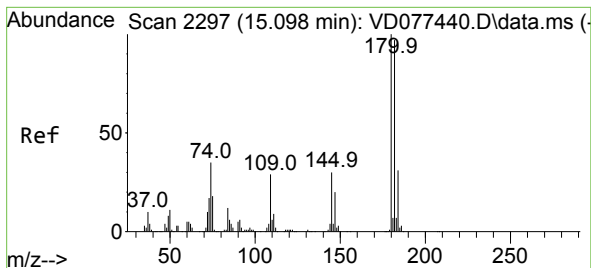
Tgt Ion:146 Resp: 98675
 Ion Ratio Lower Upper
 146 100
 111 42.2 18.3 54.8
 148 63.5 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.548 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.006 min
 Lab File: VD077489.D
 Acq: 02 Nov 2023 12:24

Tgt Ion: 75 Resp: 7736
 Ion Ratio Lower Upper
 75 100
 155 77.2 47.9 143.8
 157 96.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.362 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD077489.D

Acq: 02 Nov 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

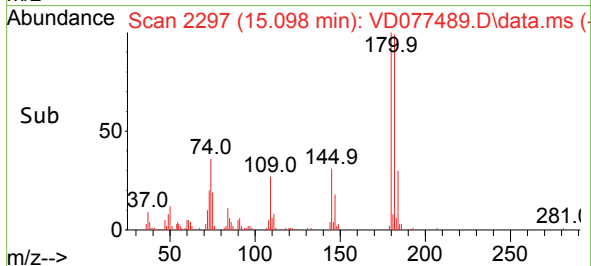
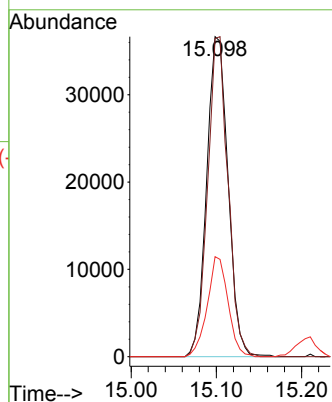
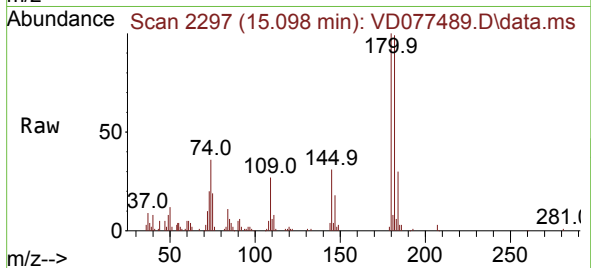
Tgt Ion:180 Resp: 63876

Ion Ratio Lower Upper

180 100

182 94.9 48.5 145.6

145 30.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.656 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077489.D

Acq: 02 Nov 2023 12:24

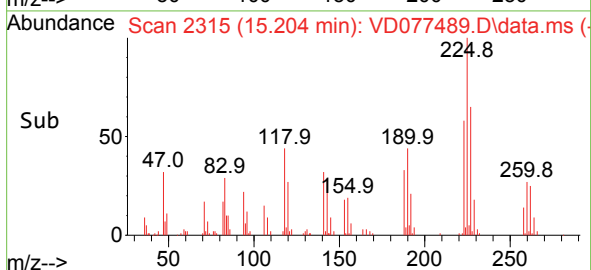
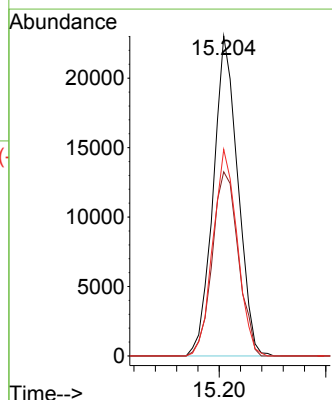
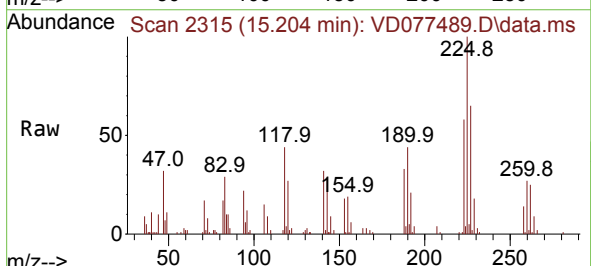
Tgt Ion:225 Resp: 36759

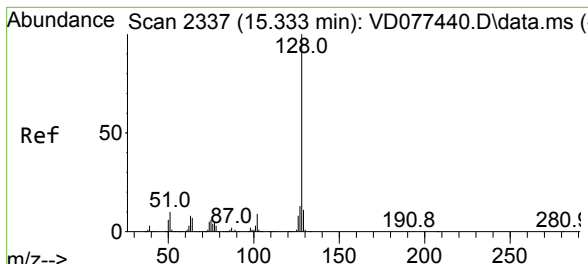
Ion Ratio Lower Upper

225 100

223 61.2 31.6 94.8

227 63.9 31.7 95.1

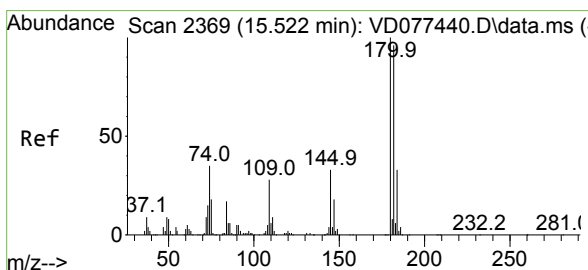
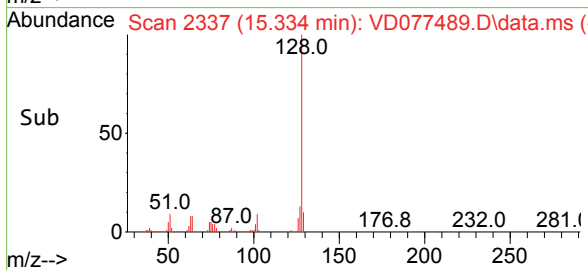
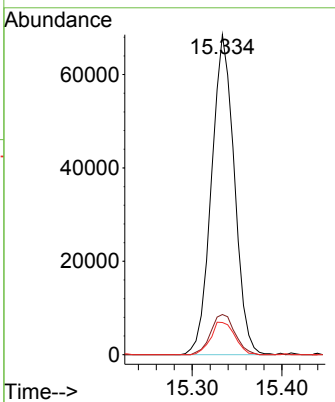
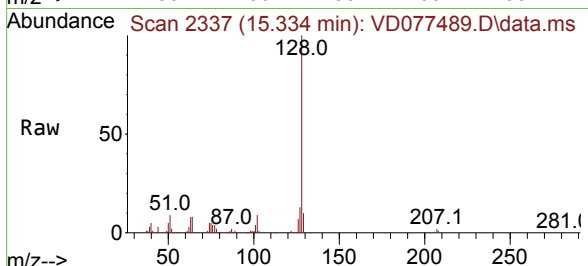




#95
Naphthalene
Concen: 19.245 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	121118
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.5	15.7
129	10.0	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.149 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD077489.D
Acq: 02 Nov 2023 12:24

Tgt Ion:	180	Resp:	54533
Ion Ratio	Lower	Upper	
180	100		
182	98.8	47.3	141.9
145	32.7	15.1	45.3

