

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100623\
 Data File : VD077289.D
 Acq On : 06 Oct 2023 14:43
 Operator : JC/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 09 09:37:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 09 09:30:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	206548	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	341367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	326803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	163620	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	404186	154.949	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 309.900%#	
35) Dibromofluoromethane	7.804	113	473214	160.652	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 321.300%#	
50) Toluene-d8	10.269	98	1803566	169.955	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 339.900%#	
62) 4-Bromofluorobenzene	12.575	95	533951	158.226	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 316.460%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.928	85	389336	140.567	ug/l	100
3) Chloromethane	2.146	50	603236	137.302	ug/l	100
4) Vinyl Chloride	2.281	62	723803	136.239	ug/l	99
5) Bromomethane	2.663	94	585271	153.625	ug/l	99
6) Chloroethane	2.822	64	446298	130.544	ug/l	97
7) Trichlorofluoromethane	3.163	101	809892	146.019	ug/l	98
8) Diethyl Ether	3.587	74	267184	160.602	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.957	101	498601	146.340	ug/l	96
10) Methyl Iodide	4.157	142	687109	160.688	ug/l	92
11) Tert butyl alcohol	5.057	59	145075	763.864	ug/l	100
12) 1,1-Dichloroethene	3.928	96	512325	154.114	ug/l	90
13) Acrolein	3.793	56	269615	762.138	ug/l	98
14) Allyl chloride	4.557	41	704512	159.450	ug/l	# 91
15) Acrylonitrile	5.246	53	627340	812.375	ug/l	99
16) Acetone	4.016	43	522039	735.579	ug/l	91
17) Carbon Disulfide	4.263	76	1630728	147.189	ug/l	98
18) Methyl Acetate	4.557	43	448433	159.654	ug/l	89
19) Methyl tert-butyl Ether	5.310	73	1186681	165.416	ug/l	99
20) Methylene Chloride	4.793	84	603716	150.430	ug/l	# 88
21) trans-1,2-Dichloroethene	5.304	96	601521	151.586	ug/l	93
22) Diisopropyl ether	6.216	45	1543411	160.955	ug/l	95
23) Vinyl Acetate	6.151	43	3922584	990.881	ug/l	93
24) 1,1-Dichloroethane	6.104	63	999996	150.214	ug/l	97
25) 2-Butanone	7.075	43	766042	797.409	ug/l	# 87
26) 2,2-Dichloropropane	7.075	77	859409	152.907	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	686199	157.041	ug/l	93
28) Bromochloromethane	7.422	49	399511	153.702	ug/l	# 78
29) Tetrahydrofuran	7.440	42	458017	831.346	ug/l	88
30) Chloroform	7.593	83	1016991	147.387	ug/l	98
31) Cyclohexane	7.875	56	827781	153.245	ug/l	89
32) 1,1,1-Trichloroethane	7.793	97	862735	148.656	ug/l	99
36) 1,1-Dichloropropene	8.004	75	786477	158.421	ug/l	96
37) Ethyl Acetate	7.163	43	320173	160.645	ug/l	93
38) Carbon Tetrachloride	7.987	117	721507	155.995	ug/l	99
39) Methylcyclohexane	9.275	83	957321	166.033	ug/l	95
40) Benzene	8.251	78	2343959	155.716	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	183088	163.946	ug/l #	89
42) 1,2-Dichloroethane	8.322	62	538887	150.526	ug/l	97
43) Isopropyl Acetate	8.357	43	597636	163.272	ug/l #	90
44) Trichloroethene	9.028	130	582568	152.454	ug/l	87
45) 1,2-Dichloropropane	9.304	63	577016	153.286	ug/l	99
46) Dibromomethane	9.392	93	313981	154.406	ug/l	90
47) Bromodichloromethane	9.587	83	747153	152.380	ug/l	99
48) Methyl methacrylate	9.381	41	282948	168.987	ug/l #	82
49) 1,4-Dioxane	9.387	88	69078	3232.601	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	1568909	823.171	ug/l	93
52) Toluene	10.334	92	1485667	158.945	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	773001	166.589	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	922775	162.288	ug/l #	94
55) 1,1,2-Trichloroethane	10.734	97	425852	152.855	ug/l	94
56) Ethyl methacrylate	10.598	69	547842	175.062	ug/l	90
57) 1,3-Dichloropropane	10.881	76	738904	159.579	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	1294014	862.124	ug/l	93
59) 2-Hexanone	10.922	43	1138756	834.817	ug/l	91
60) Dibromochloromethane	11.075	129	496974	153.594	ug/l	97
61) 1,2-Dibromoethane	11.181	107	402971	155.570	ug/l	100
64) Tetrachloroethene	10.810	164	473038	151.659	ug/l	93
65) Chlorobenzene	11.610	112	1496454	152.921	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	535704	154.412	ug/l	97
67) Ethyl Benzene	11.686	91	2927126	166.021	ug/l	96
68) m/p-Xylenes	11.792	106	2250486	328.881	ug/l	92
69) o-Xylene	12.122	106	1032604	163.907	ug/l	90
70) Styrene	12.133	104	1758105	162.215	ug/l	97
71) Bromoform	12.298	173	274149	149.429	ug/l #	100
73) Isopropylbenzene	12.422	105	2656792	167.779	ug/l	95
74) N-amyl acetate	12.233	43	546766	168.038	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	488968	155.022	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	597829	277.171	ug/l #	100
77) Bromobenzene	12.704	156	566181	156.994	ug/l	84
78) n-propylbenzene	12.763	91	3243283	164.016	ug/l	95
79) 2-Chlorotoluene	12.851	91	1722134	161.676	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	2139469	164.058	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	164903	163.632	ug/l	95
82) 4-Chlorotoluene	12.945	91	1785976	158.441	ug/l	93
83) tert-Butylbenzene	13.169	119	1833587	165.422	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	2184105	166.719	ug/l	95
85) sec-Butylbenzene	13.345	105	2815176	164.552	ug/l	95
86) p-Isopropyltoluene	13.463	119	2407308	170.260	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	1188522	157.370	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	1128396	151.567	ug/l	98
89) n-Butylbenzene	13.786	91	2267122	165.101	ug/l	98
90) Hexachloroethane	14.051	117	437038	155.837	ug/l	87
91) 1,2-Dichlorobenzene	13.833	146	998735	154.254	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	66853	160.712	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	647538	163.828	ug/l	97
94) Hexachlorobutadiene	15.204	225	323725	159.369	ug/l	99
95) Naphthalene	15.333	128	1362238	176.182	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	570820	165.095	ug/l	99

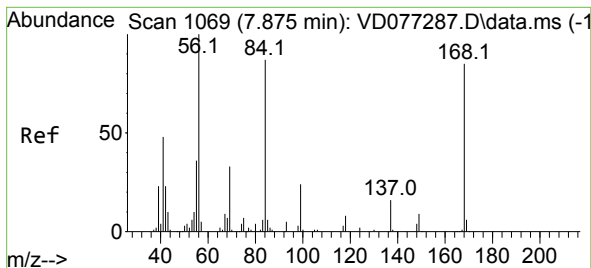
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD077289.D

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Instrument :

MSVOA_D

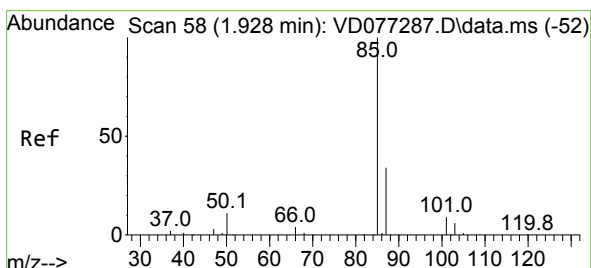
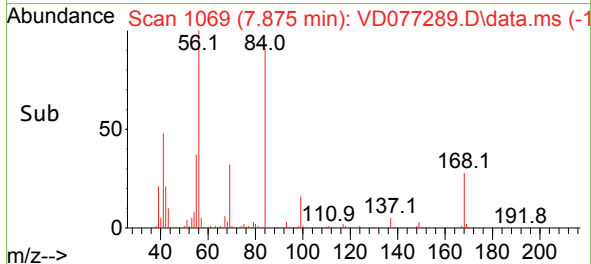
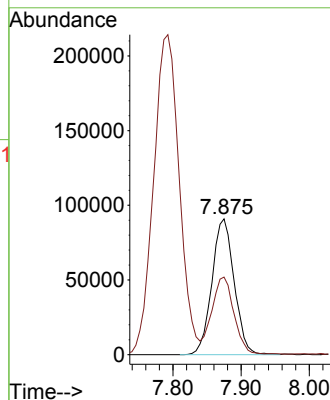
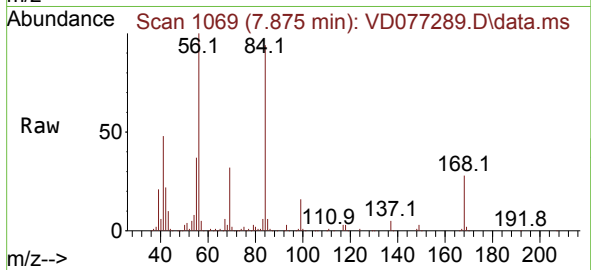
ClientSampleId :

Tgt Ion:168 Resp: 206548

Ion Ratio Lower Upper

168 100

99 56.5 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 140.567 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD077289.D

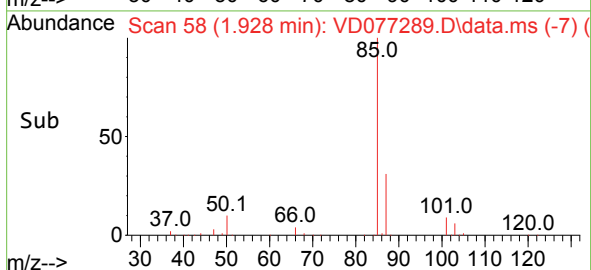
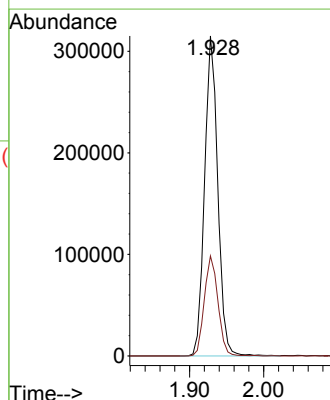
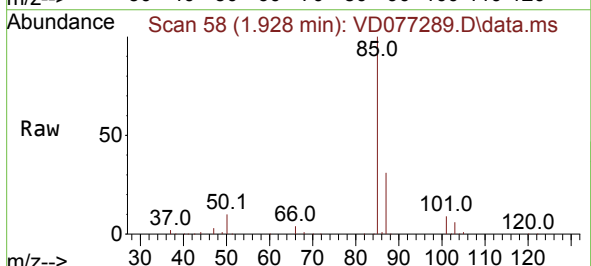
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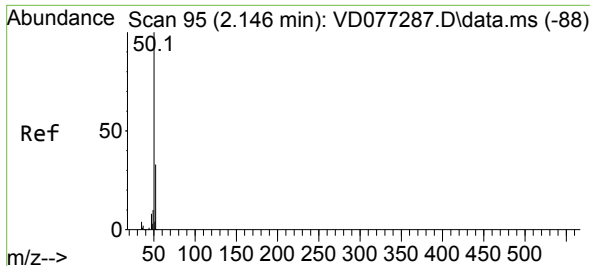
Tgt Ion: 85 Resp: 389336

Ion Ratio Lower Upper

85 100

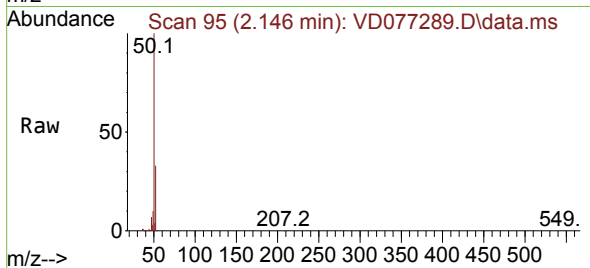
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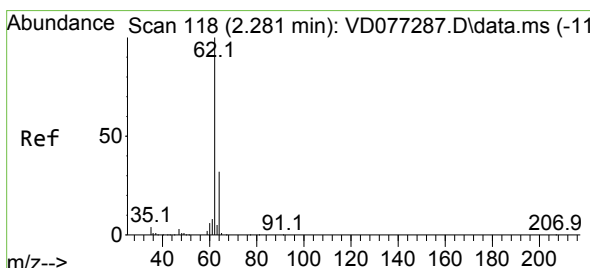
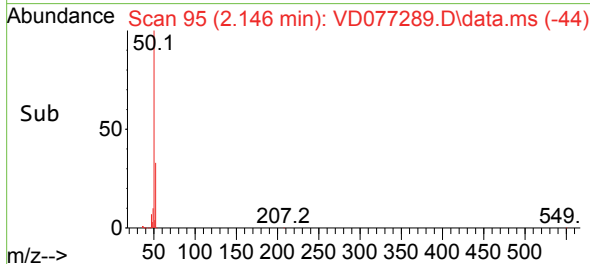
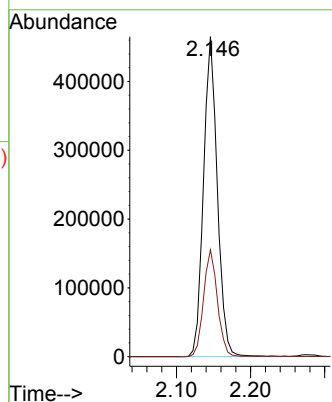


#3
Chloromethane
Concen: 137.302 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077289.D
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Instrument :
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ClientSampleId :

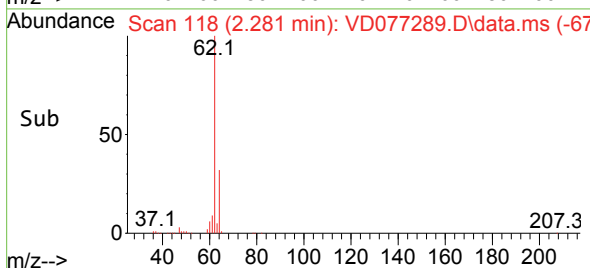
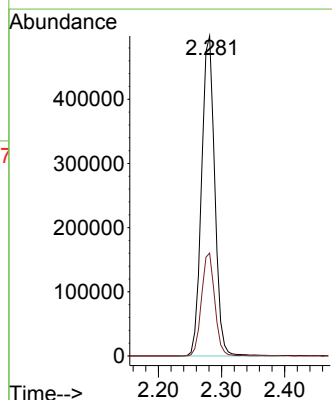
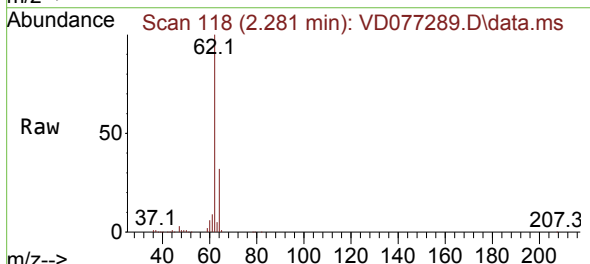


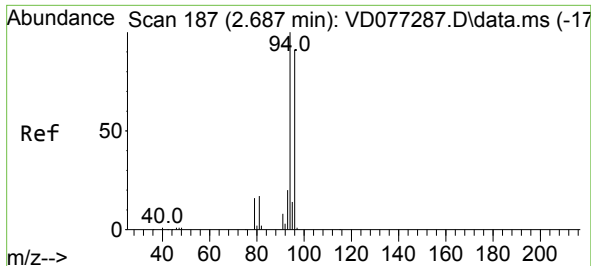
Tgt Ion: 50 Resp: 603236
Ion Ratio Lower Upper
50 100
52 33.4 26.6 40.0



#4
Vinyl Chloride
Concen: 136.239 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion: 62 Resp: 723803
Ion Ratio Lower Upper
62 100
64 32.1 26.0 39.0

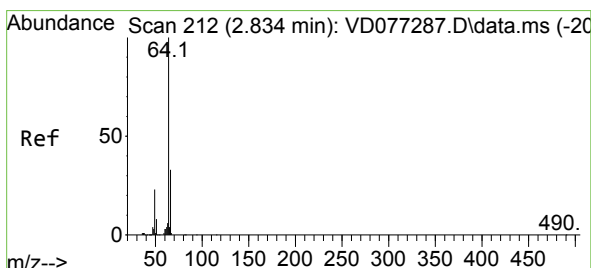
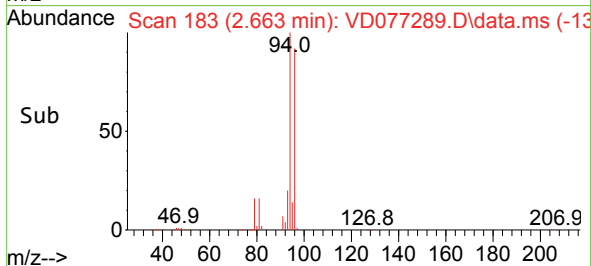
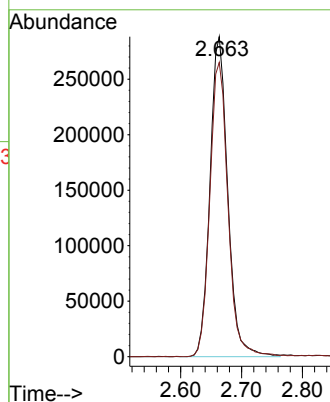
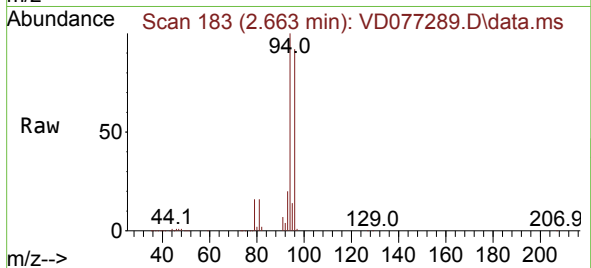




#5
Bromomethane
Concen: 153.625 ug/l
RT: 2.663 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

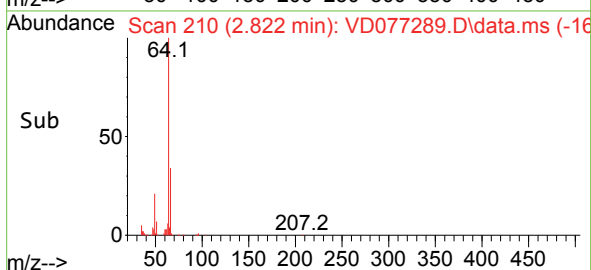
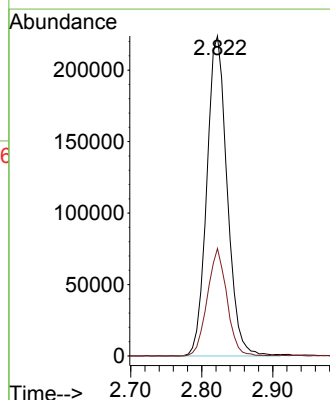
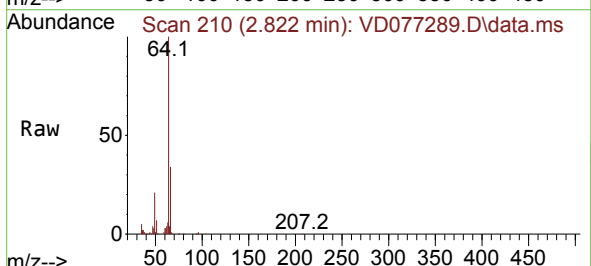
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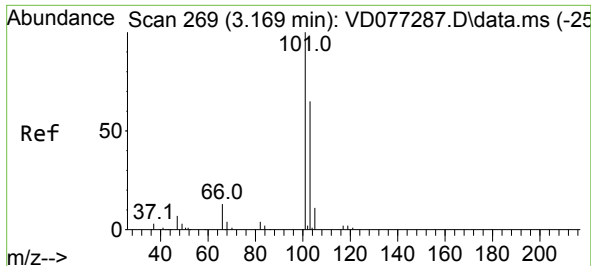
Tgt Ion: 94 Resp: 585271
Ion Ratio Lower Upper
94 100
96 94.1 75.8 113.8



#6
Chloroethane
Concen: 130.544 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.012 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion: 64 Resp: 446298
Ion Ratio Lower Upper
64 100
66 33.6 25.5 38.3

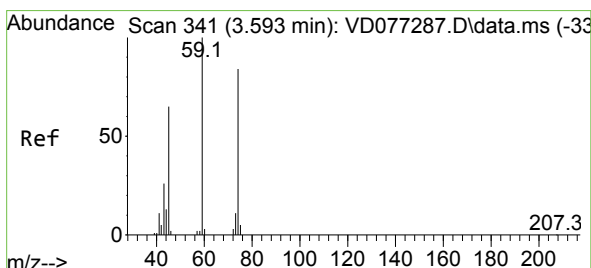
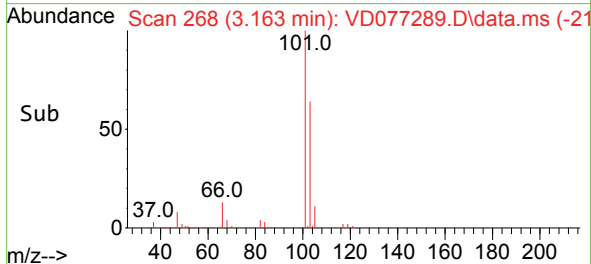
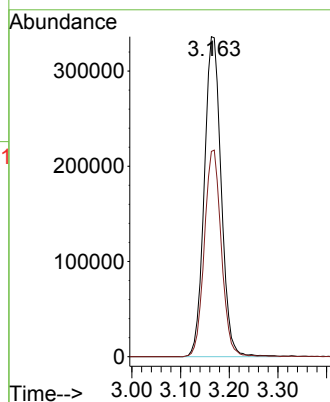
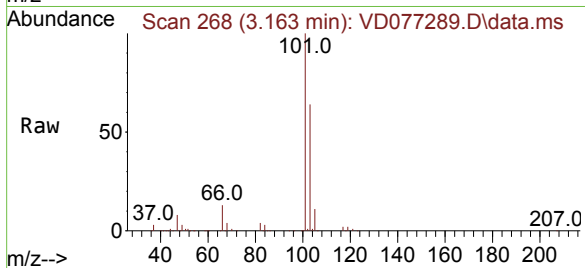




#7
Trichlorofluoromethane
Concen: 146.019 ug/l
RT: 3.163 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

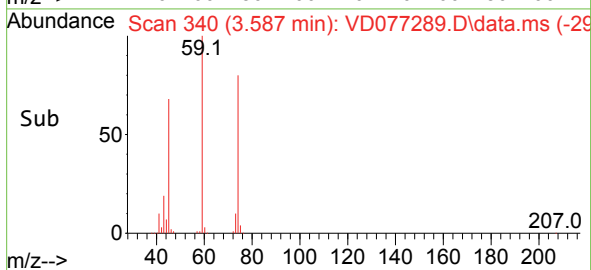
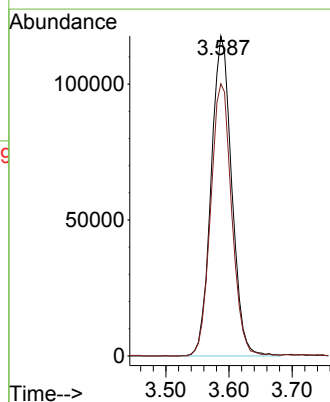
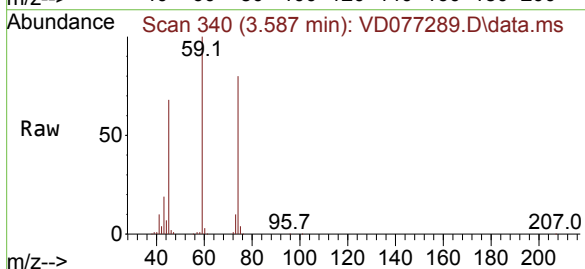
Instrument :
MSVOA_D
ClientSampleId :

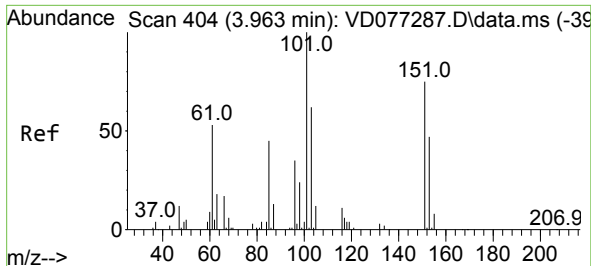
Tgt Ion:101 Resp: 809892
Ion Ratio Lower Upper
101 100
103 64.2 52.3 78.5



#8
Diethyl Ether
Concen: 160.602 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion: 74 Resp: 267184
Ion Ratio Lower Upper
74 100
45 86.7 37.5 112.7

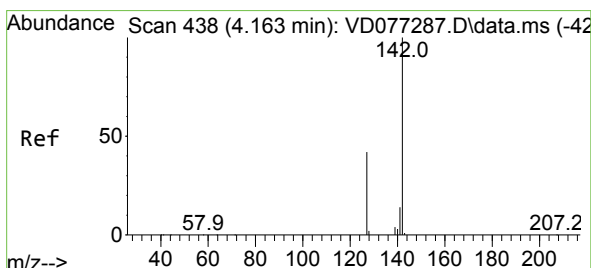
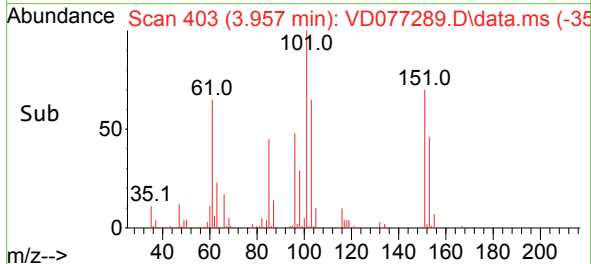
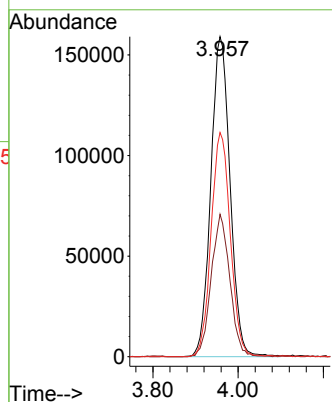
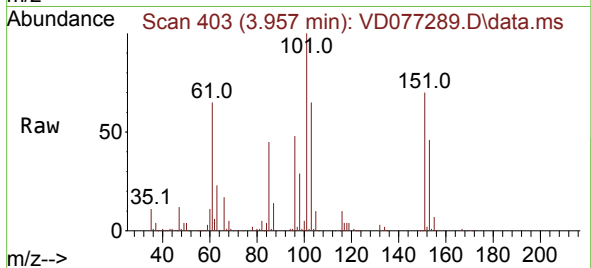




#9
1,1,2-Trichlorotrifluoroethane
Concen: 146.340 ug/l
RT: 3.957 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD077289.D
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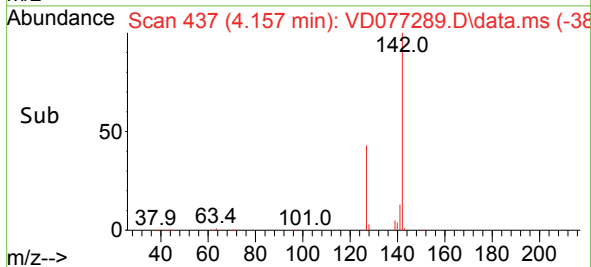
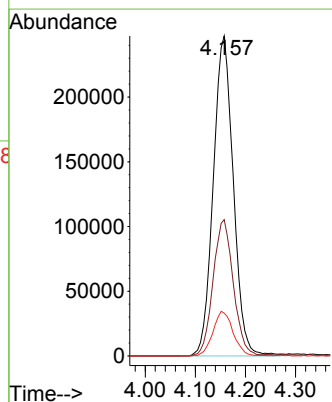
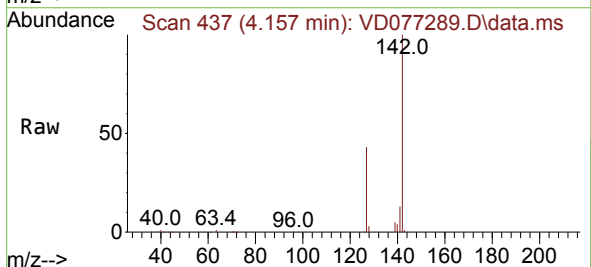
Instrument :
MSVOA_D
ClientSampleId :

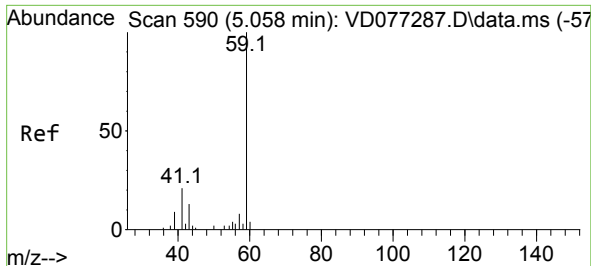
Tgt Ion:101 Resp: 498601
Ion Ratio Lower Upper
101 100
85 43.0 33.8 50.6
151 69.9 59.8 89.6



#10
Methyl Iodide
Concen: 160.688 ug/l
RT: 4.157 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion:142 Resp: 687109
Ion Ratio Lower Upper
142 100
127 43.0 29.4 44.0
141 14.1 11.1 16.7

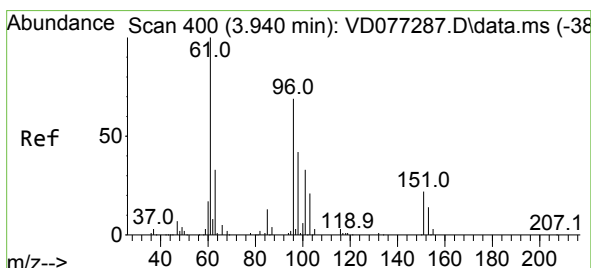
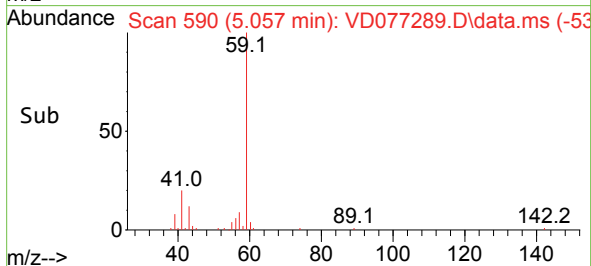
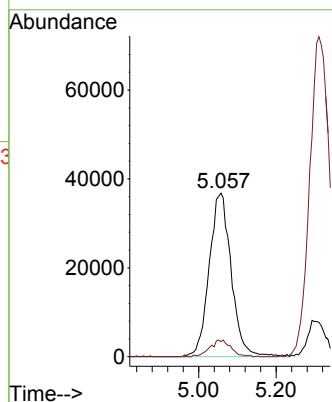
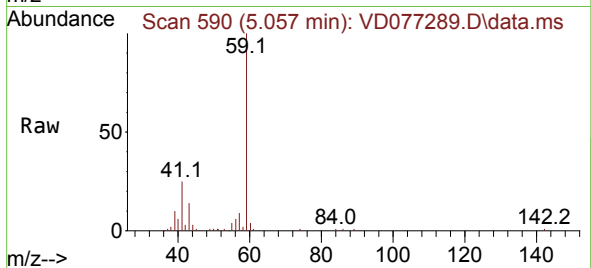




#11
Tert butyl alcohol
Concen: 763.864 ug/l
RT: 5.057 min Scan# 59
Delta R.T. -0.001 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

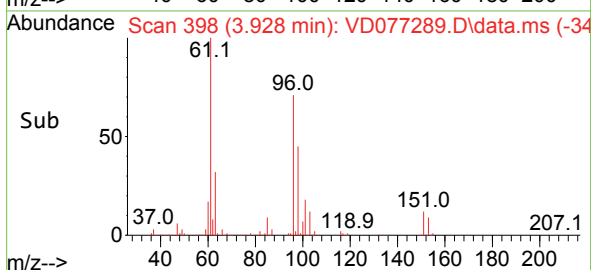
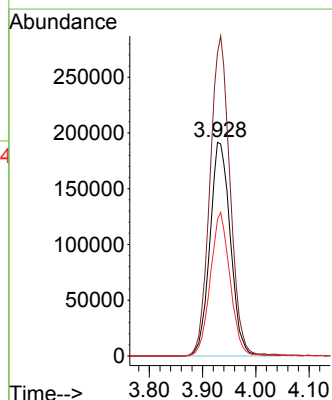
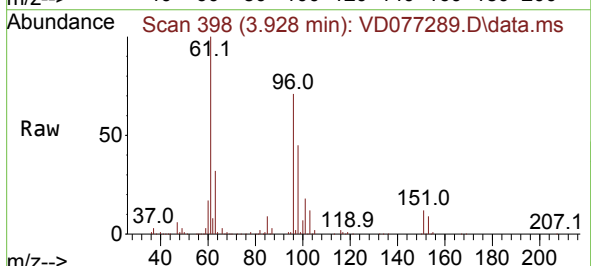
Instrument :
MSVOA_D
ClientSampleId :

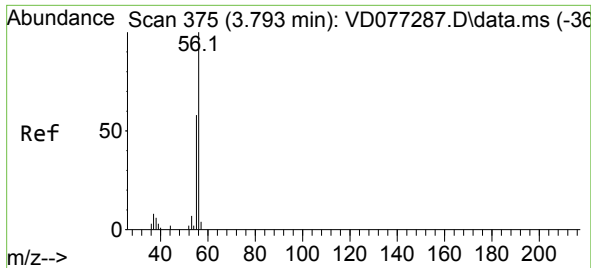
Tgt Ion: 59 Resp: 145075
Ion Ratio Lower Upper
59 100
57 9.7 7.8 11.8



#12
1,1-Dichloroethene
Concen: 154.114 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.012 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion: 96 Resp: 512325
Ion Ratio Lower Upper
96 100
61 141.8 100.6 150.8
98 64.0 50.2 75.2





#13

Acrolein

Concen: 762.138 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

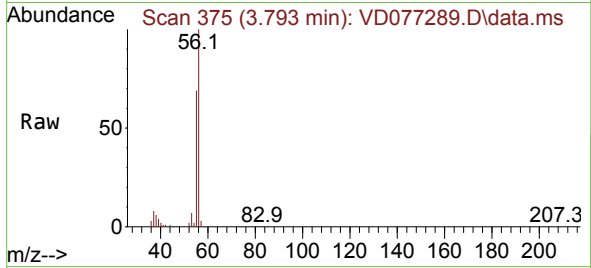
Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

ClientSampleId :

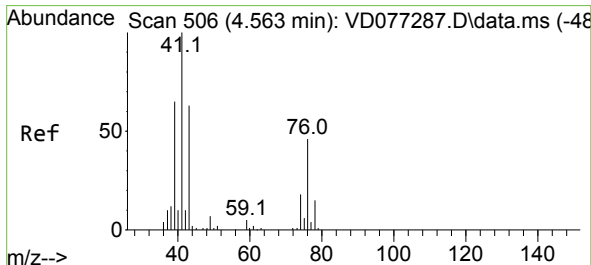
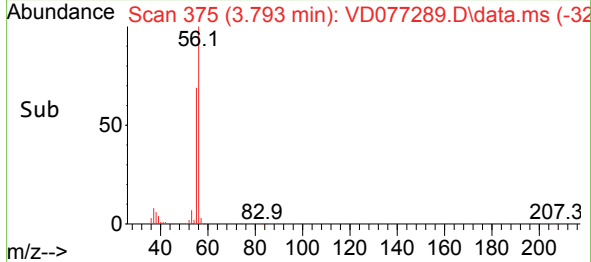
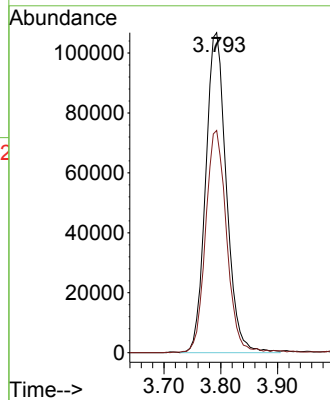


Tgt Ion: 56 Resp: 269615

Ion Ratio Lower Upper

56 100

55 70.3 55.1 82.7



#14

Allyl chloride

Concen: 159.450 ug/l

RT: 4.557 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

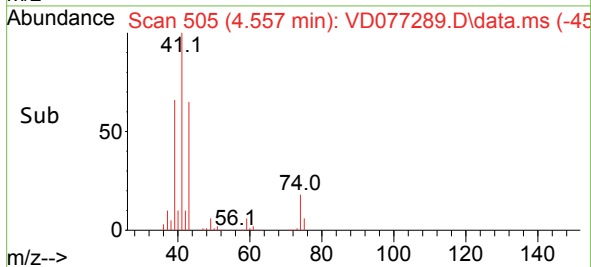
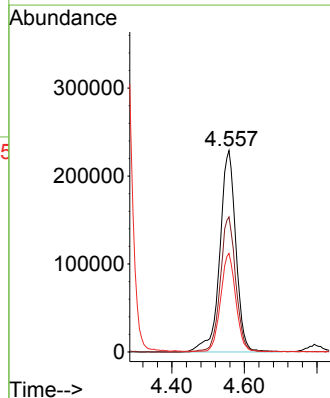
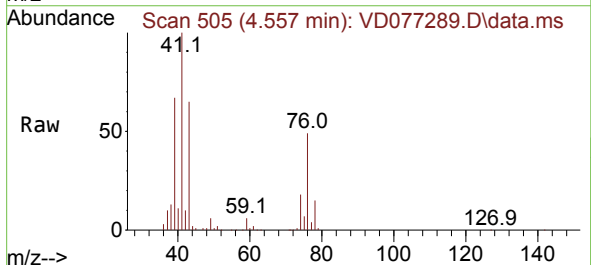
Tgt Ion: 41 Resp: 704512

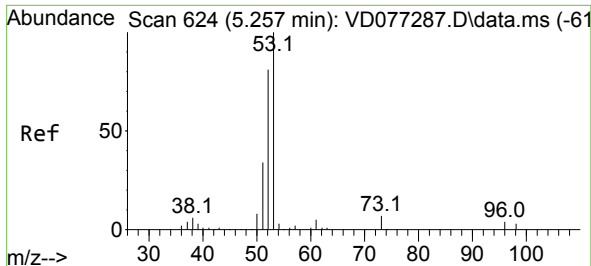
Ion Ratio Lower Upper

41 100

39 64.7 53.8 80.6

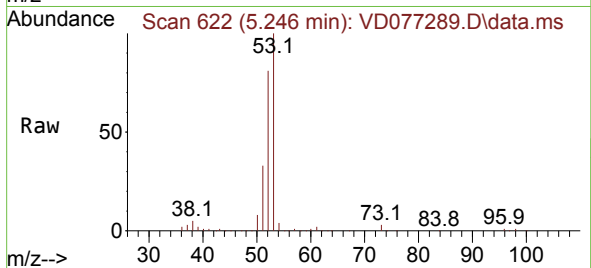
76 45.7 45.8 68.8#



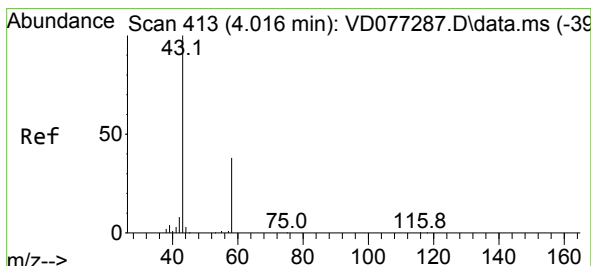
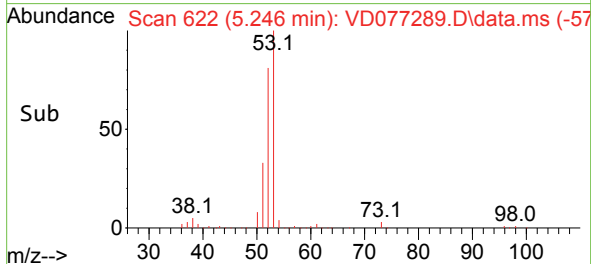
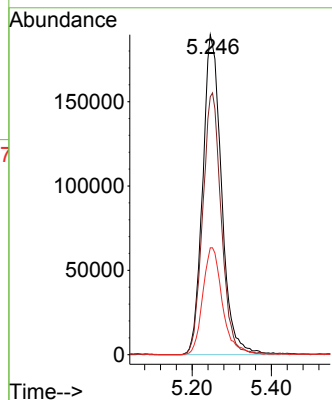


#15
Acrylonitrile
Concen: 812.375 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Instrument :
MSVOA_D
ClientSampleId :

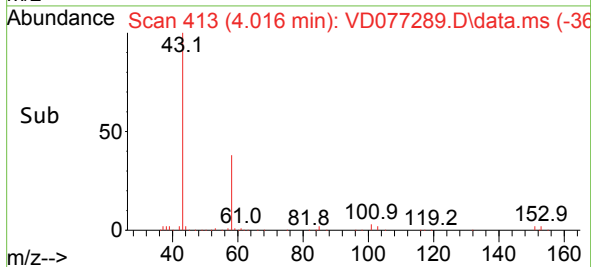
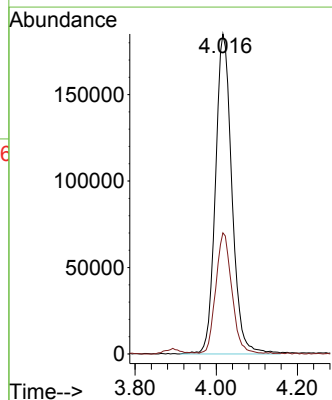
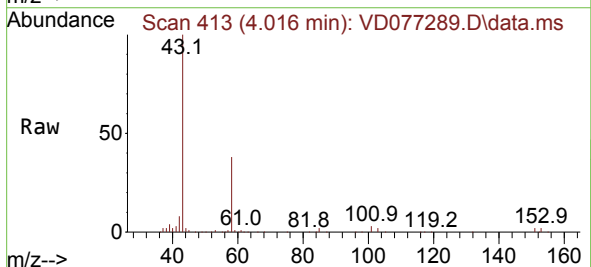


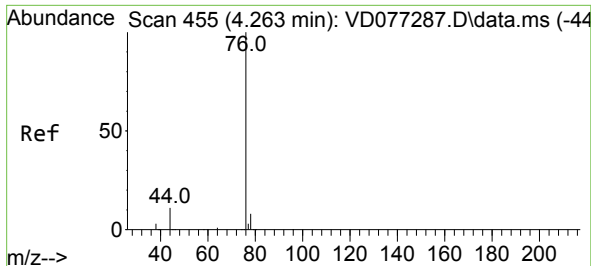
Tgt Ion: 53 Resp: 627340
Ion Ratio Lower Upper
53 100
52 80.3 65.0 97.4
51 34.8 28.3 42.5



#16
Acetone
Concen: 735.579 ug/l
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion: 43 Resp: 522039
Ion Ratio Lower Upper
43 100
58 37.7 34.7 52.1

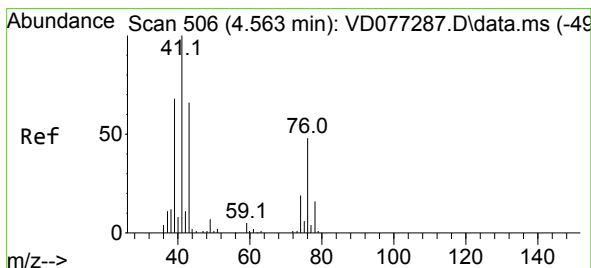
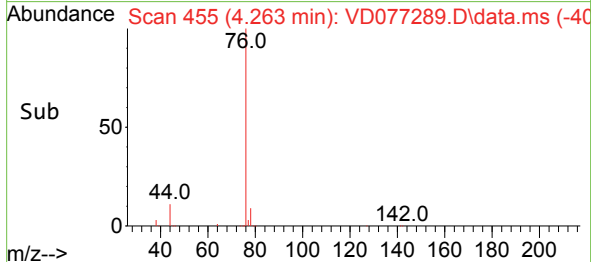
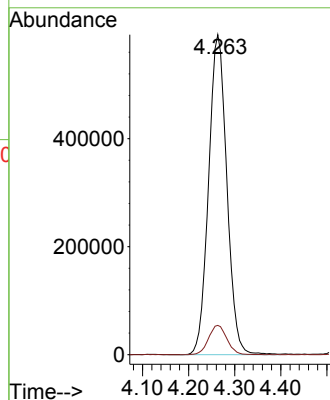
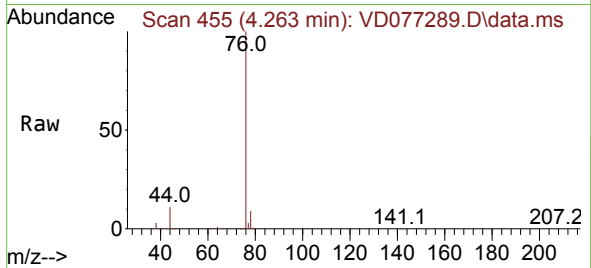




#17
Carbon Disulfide
Concen: 147.189 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

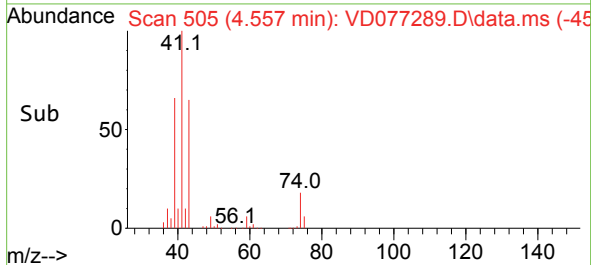
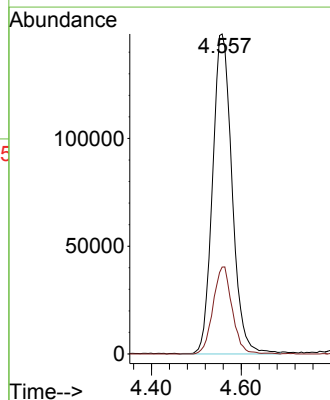
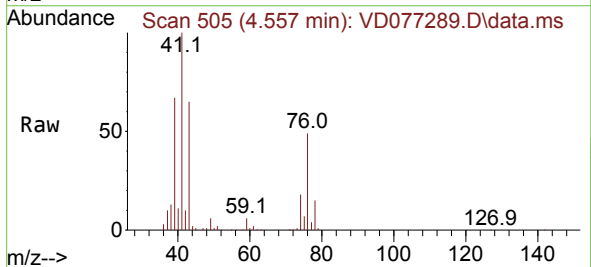
Instrument :
MSVOA_D
ClientSampleId :

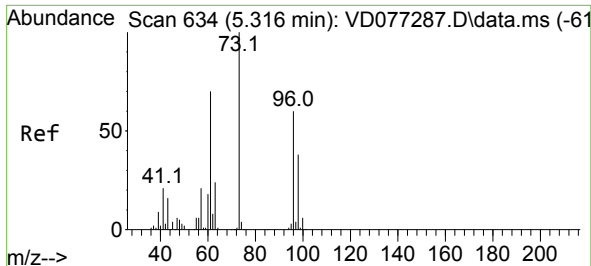
Tgt Ion: 76 Resp: 1630728
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 159.654 ug/l
RT: 4.557 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion: 43 Resp: 448433
Ion Ratio Lower Upper
43 100
74 26.5 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 165.416 ug/l

RT: 5.310 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

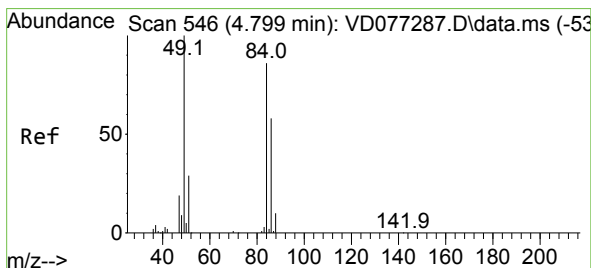
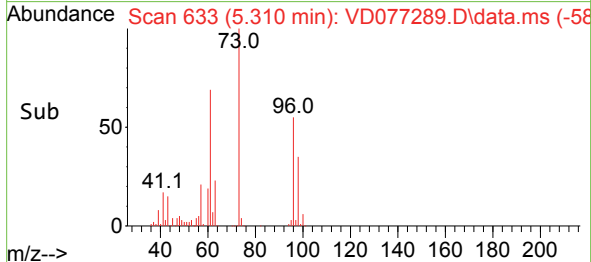
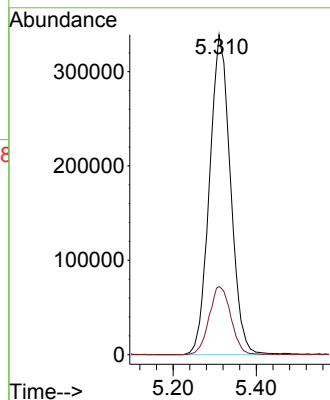
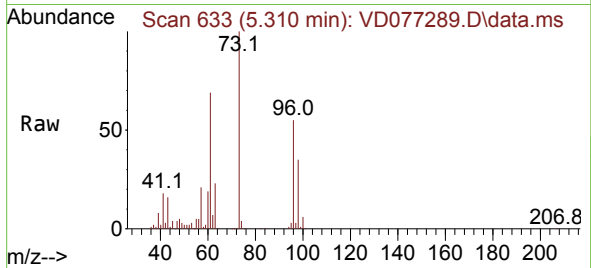
ClientSampleId :

Tgt Ion: 73 Resp: 1186681

Ion Ratio Lower Upper

73 100

57 21.2 16.6 25.0



#20

Methylene Chloride

Concen: 150.430 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Tgt Ion: 84 Resp: 603716

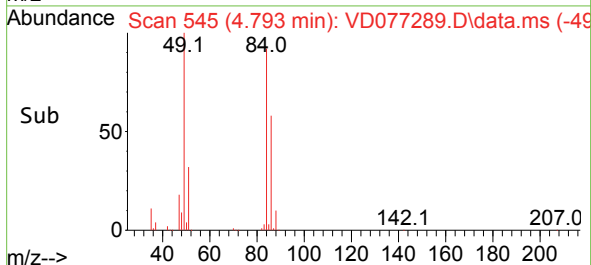
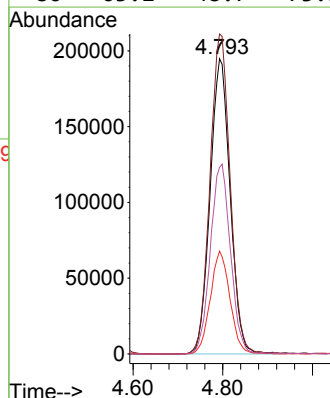
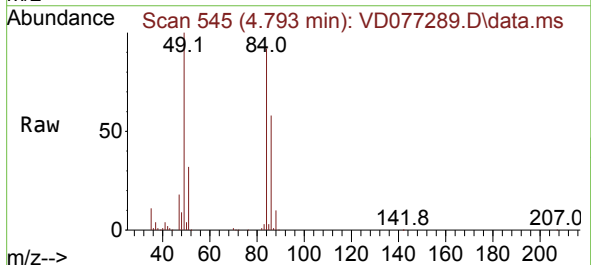
Ion Ratio Lower Upper

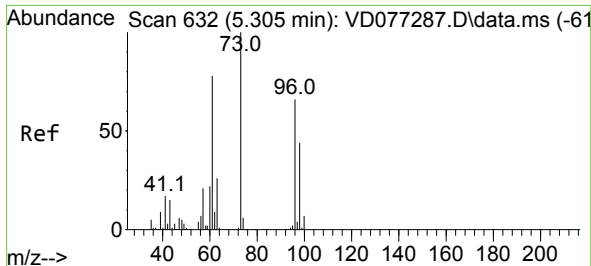
84 100

49 108.4 71.4 107.2#

51 34.8 24.5 36.7

86 63.2 48.7 73.1

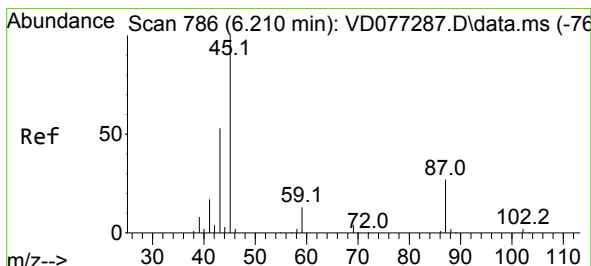
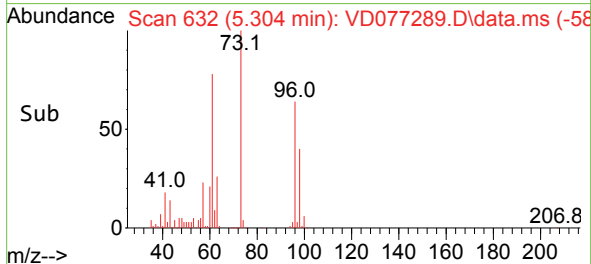
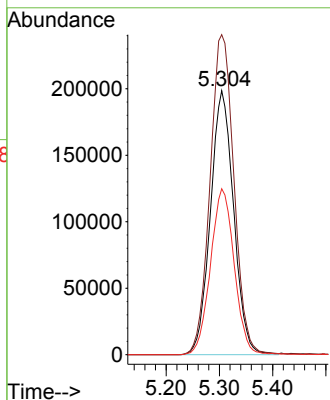
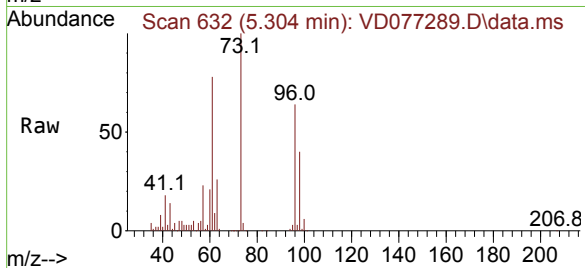




#21
trans-1,2-Dichloroethene
Concen: 151.586 ug/l
RT: 5.304 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

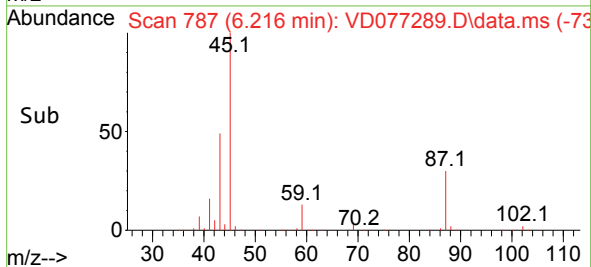
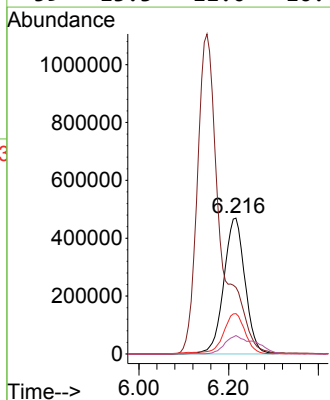
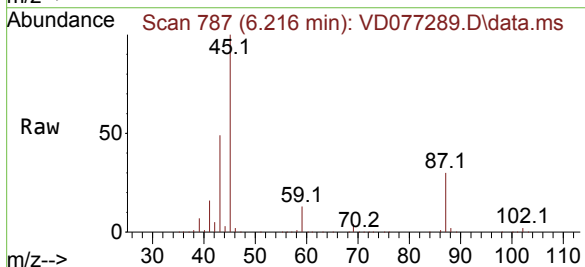
Instrument :
MSVOA_D
ClientSampleId :

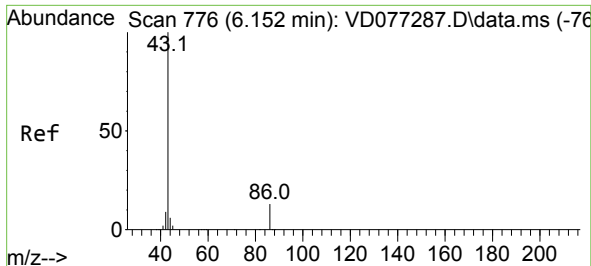
Tgt Ion: 96 Resp: 601521
Ion Ratio Lower Upper
96 100
61 121.2 89.3 133.9
98 62.9 48.6 73.0



#22
Diisopropyl ether
Concen: 160.955 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion: 45 Resp: 1543411
Ion Ratio Lower Upper
45 100
43 48.5 40.0 60.0
87 29.4 28.2 42.4
59 13.3 11.0 16.4

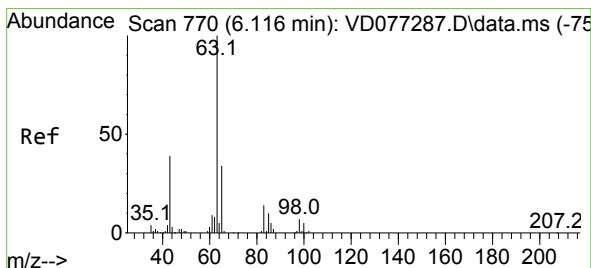
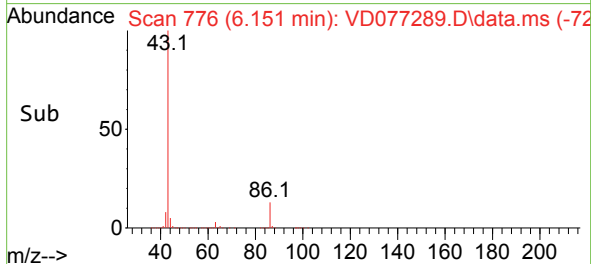
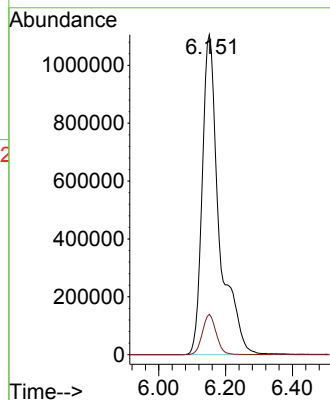
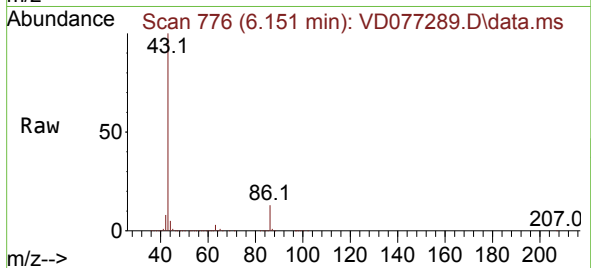




#23
 Vinyl Acetate
 Concen: 990.881 ug/l
 RT: 6.151 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: VD077289.D
 Acq: 06 Oct 2023 14:43

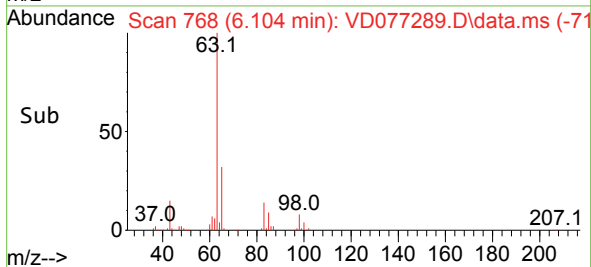
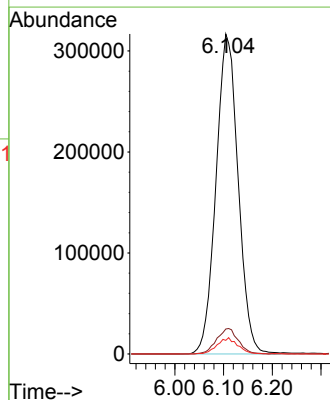
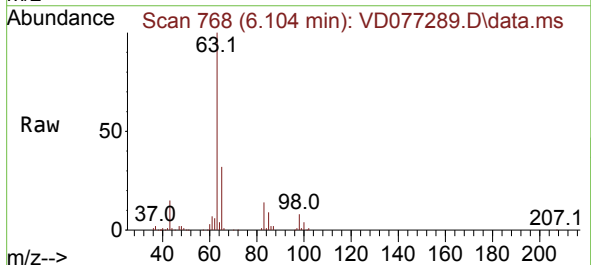
Instrument :
 MSVOA_D
 ClientSampleId :

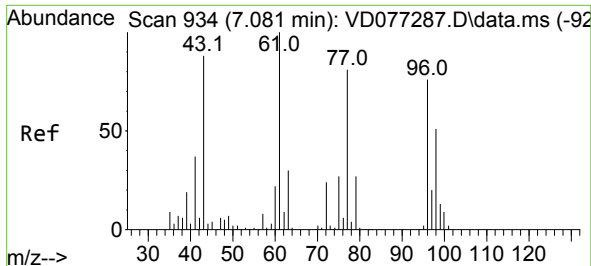
Tgt Ion: 43 Resp: 3922584
 Ion Ratio Lower Upper
 43 100
 86 12.6 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 150.214 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. -0.012 min
 Lab File: VD077289.D
 Acq: 06 Oct 2023 14:43

Tgt Ion: 63 Resp: 999996
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.5 13.7
 100 4.3 2.5 7.5

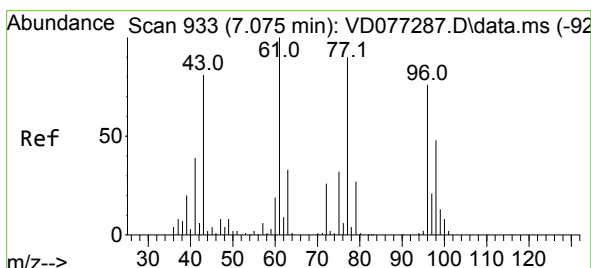
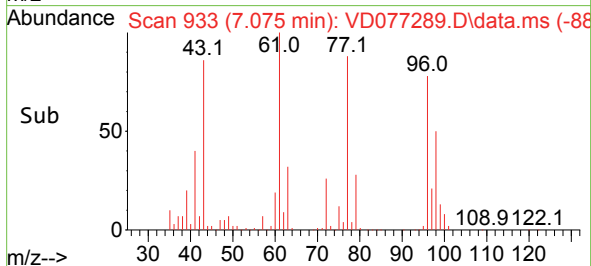
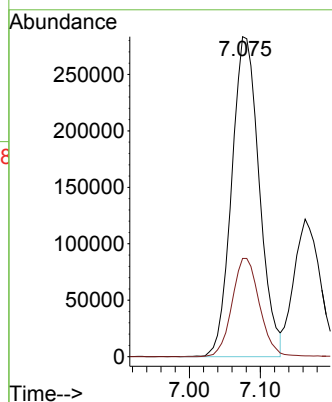
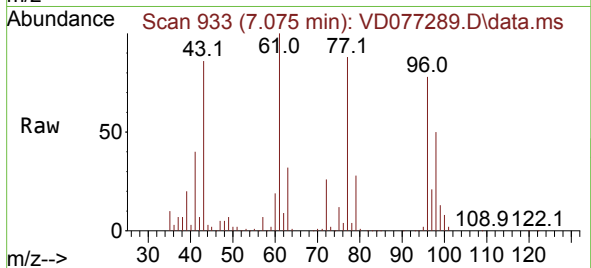




#25
2-Butanone
Concen: 797.409 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

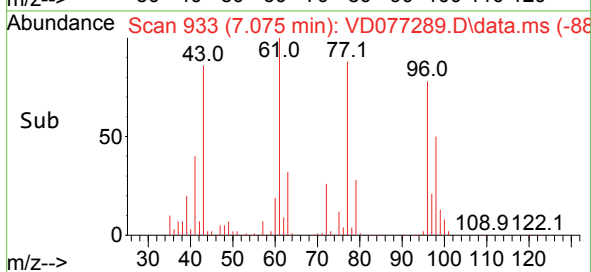
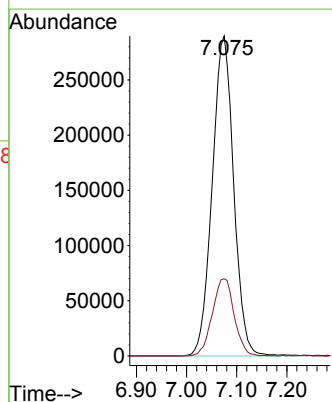
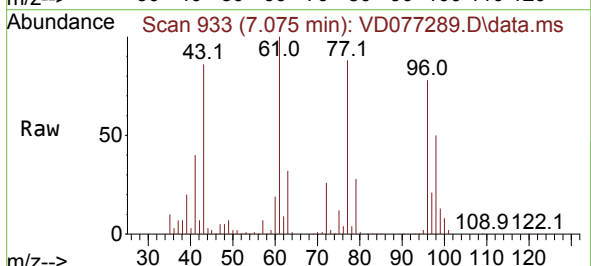
Instrument :
MSVOA_D
ClientSampleId :

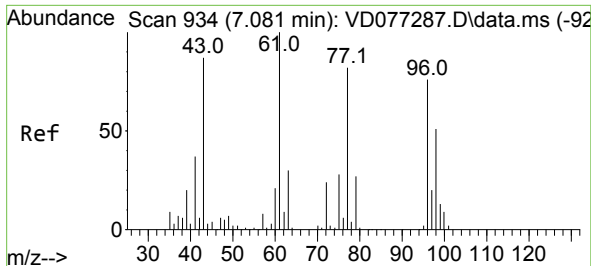
Tgt Ion: 43 Resp: 766042
Ion Ratio Lower Upper
43 100
72 30.7 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 152.907 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion: 77 Resp: 859409
Ion Ratio Lower Upper
77 100
97 24.6 13.2 39.6

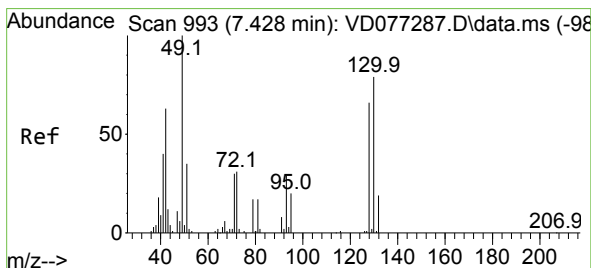
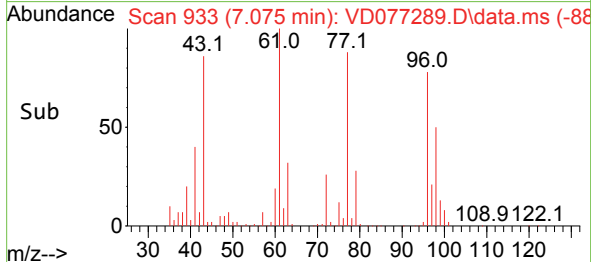
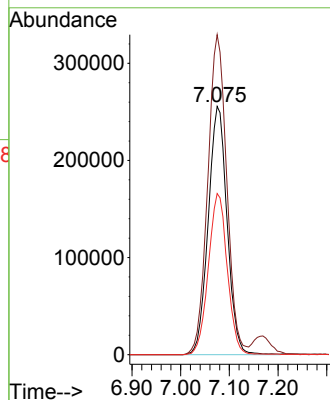
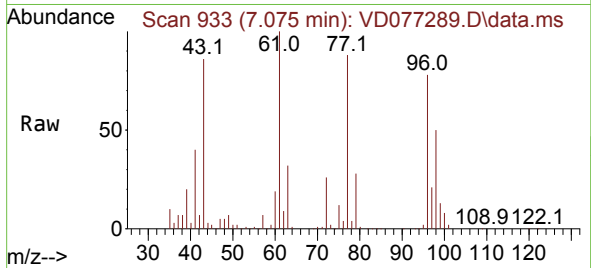




#27
 cis-1,2-Dichloroethene
 Concen: 157.041 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD077289.D
 Acq: 06 Oct 2023 14:43

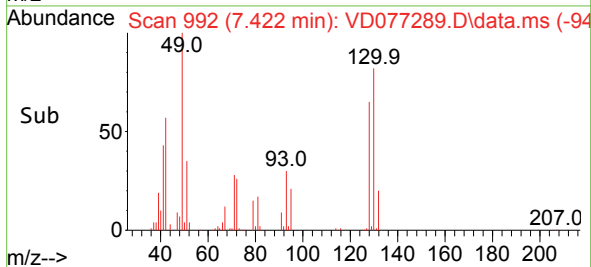
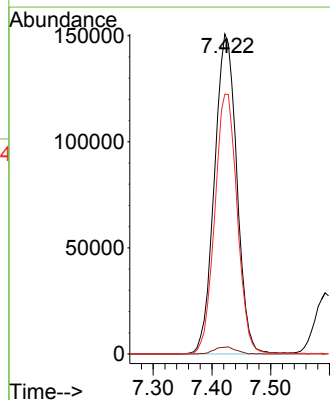
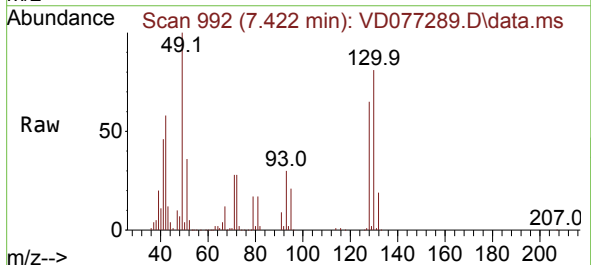
Instrument :
 MSVOA_D
 ClientSampleId :

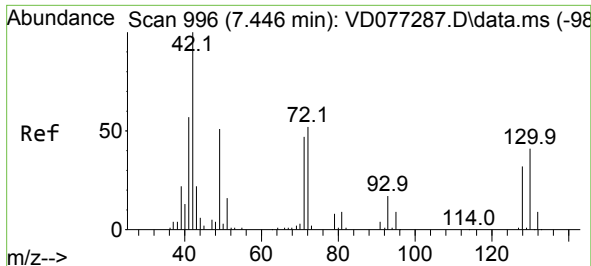
Tgt Ion: 96 Resp: 686199
 Ion Ratio Lower Upper
 96 100
 61 130.2 0.0 239.2
 98 65.0 0.0 128.6



#28
 Bromochloromethane
 Concen: 153.702 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD077289.D
 Acq: 06 Oct 2023 14:43

Tgt Ion: 49 Resp: 399511
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 6.0
 130 81.4 83.2 124.8#





#29

Tetrahydrofuran

Concen: 831.346 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

ClientSampleId :

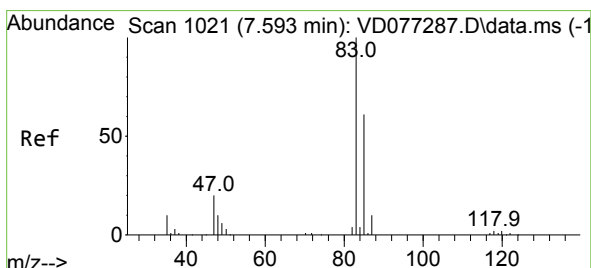
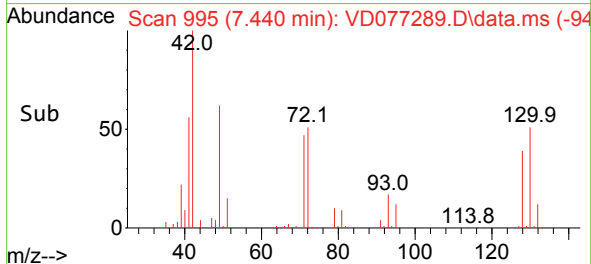
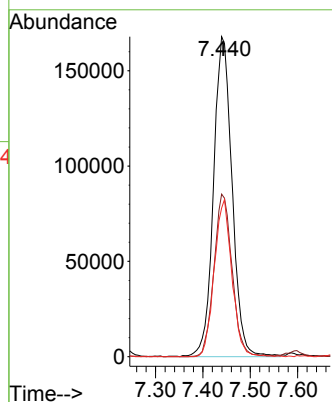
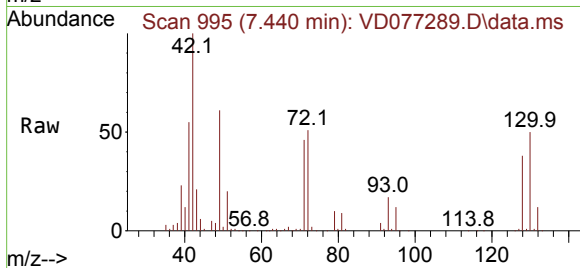
Tgt Ion: 42 Resp: 458017

Ion Ratio Lower Upper

42 100

72 49.8 46.5 69.7

71 46.6 44.5 66.7



#30

Chloroform

Concen: 147.387 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD077289.D

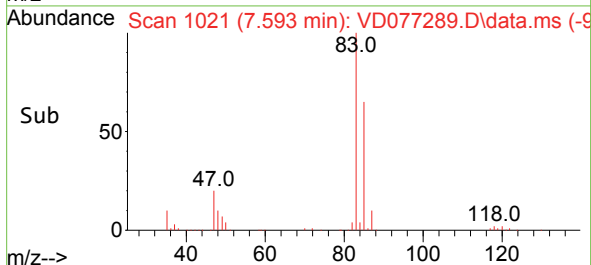
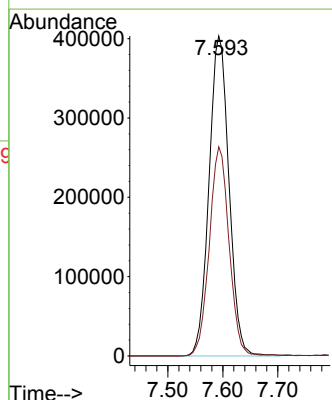
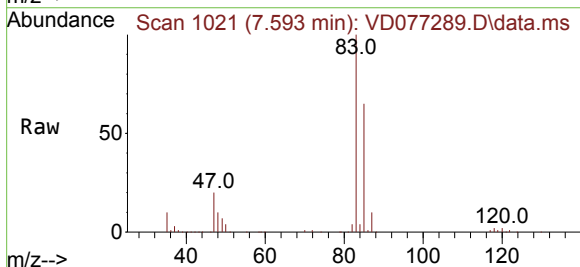
Acq: 06 Oct 2023 14:43

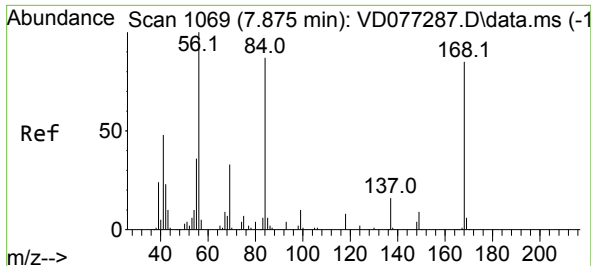
Tgt Ion: 83 Resp: 1016991

Ion Ratio Lower Upper

83 100

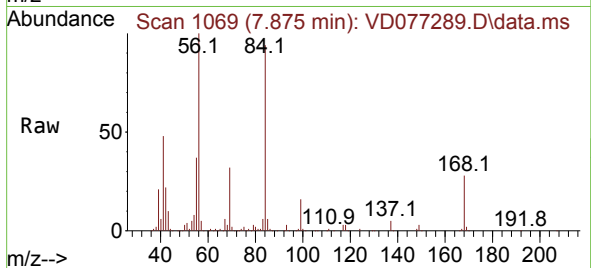
85 65.3 53.4 80.2



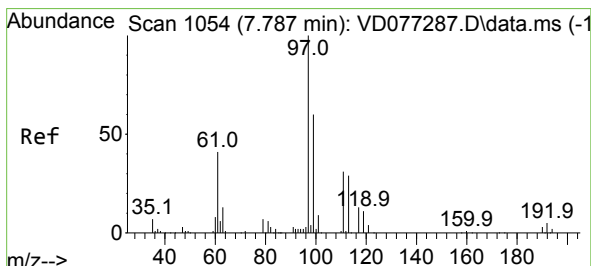
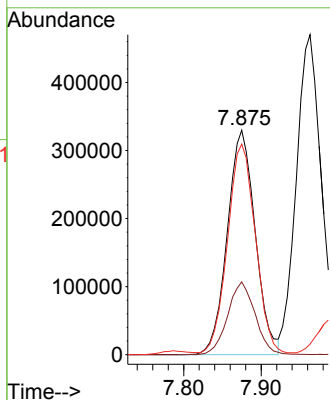
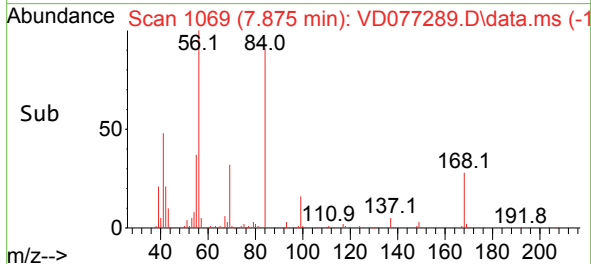


#31
Cyclohexane
Concen: 153.245 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Instrument :
MSVOA_D
ClientSampleId :

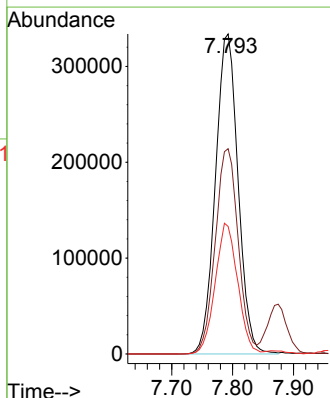
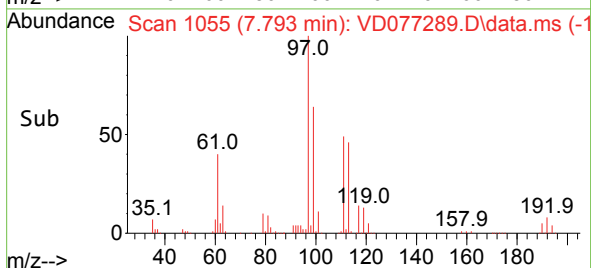
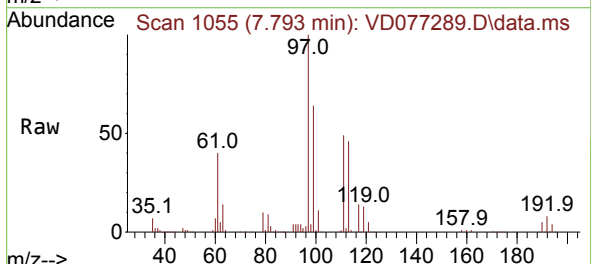


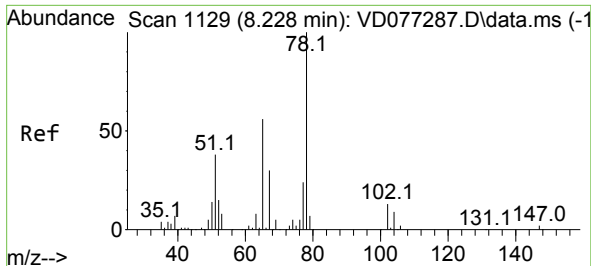
Tgt Ion: 56 Resp: 827781
Ion Ratio Lower Upper
56 100
69 32.5 28.6 43.0
84 92.3 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 148.656 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion: 97 Resp: 862735
Ion Ratio Lower Upper
97 100
99 65.1 52.0 78.0
61 40.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 154.949 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

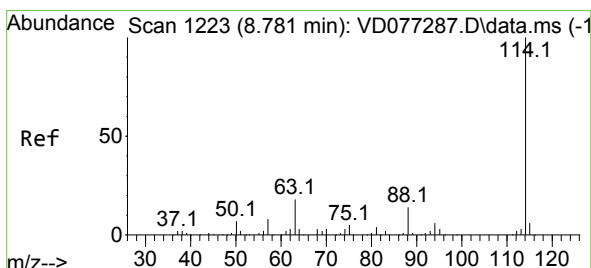
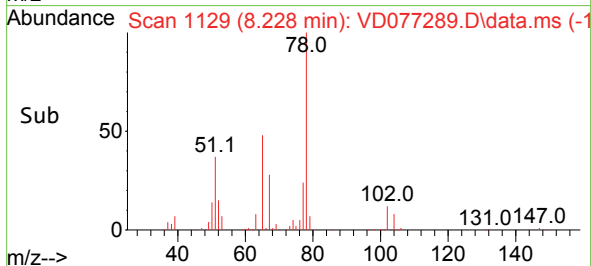
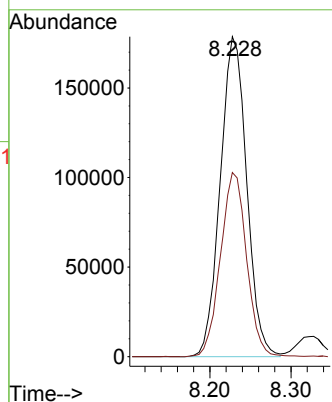
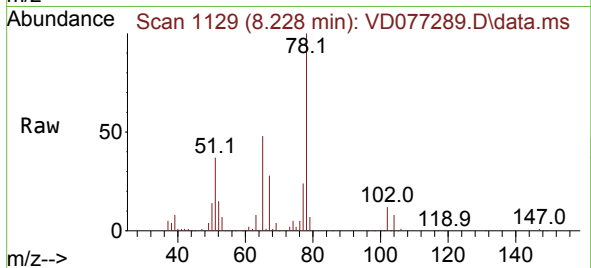
ClientSampleId :

Tgt Ion: 65 Resp: 404186

Ion Ratio Lower Upper

65 100

67 56.9 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

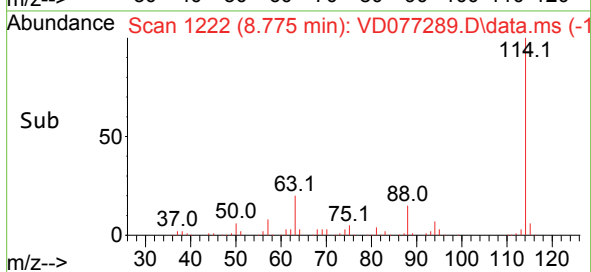
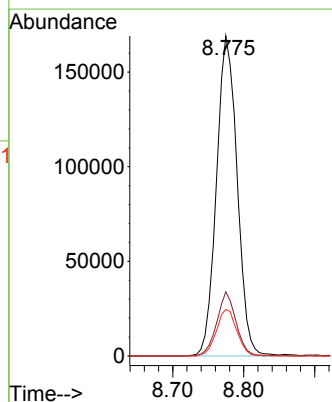
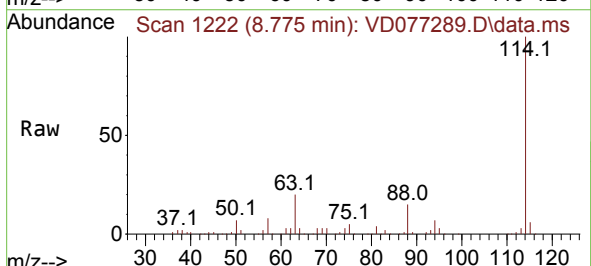
Tgt Ion: 114 Resp: 341367

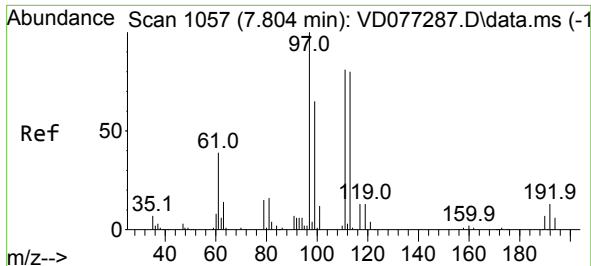
Ion Ratio Lower Upper

114 100

63 20.0 0.0 33.4

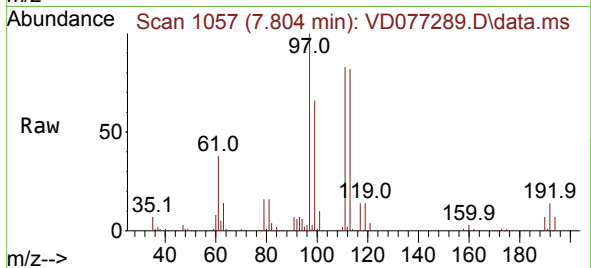
88 14.6 0.0 26.2



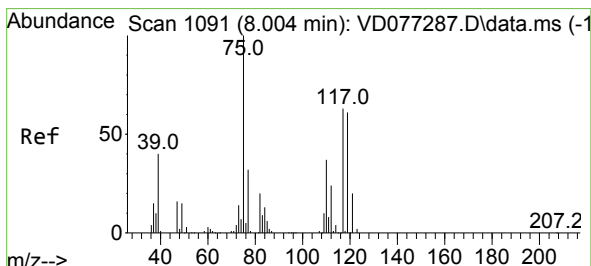
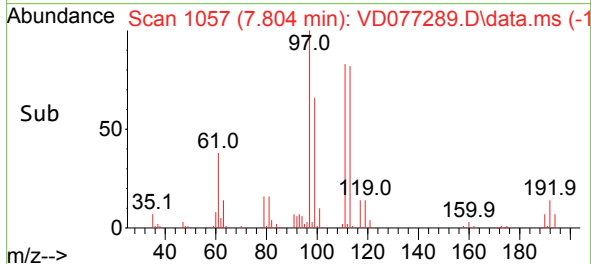
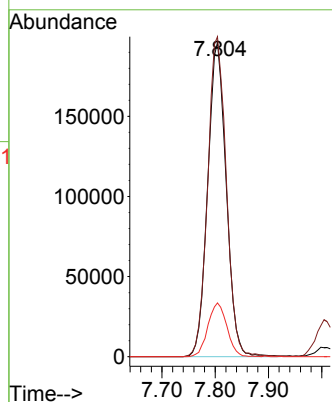


#35
Dibromofluoromethane
Concen: 160.652 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Instrument :
MSVOA_D
ClientSampleId :

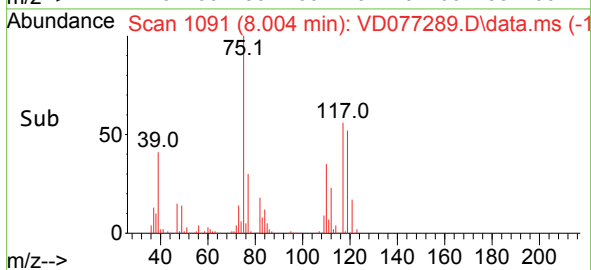
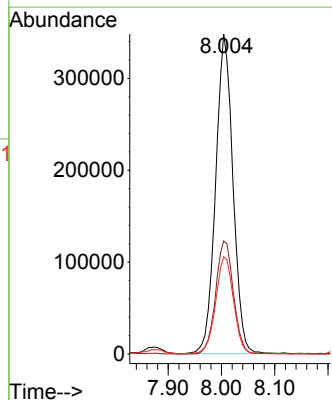
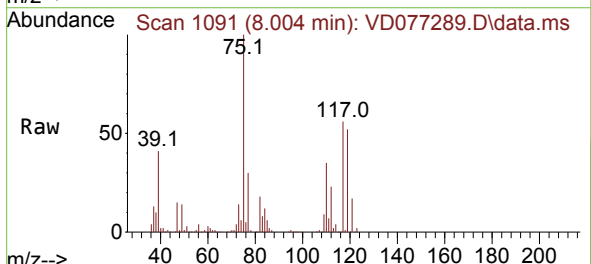


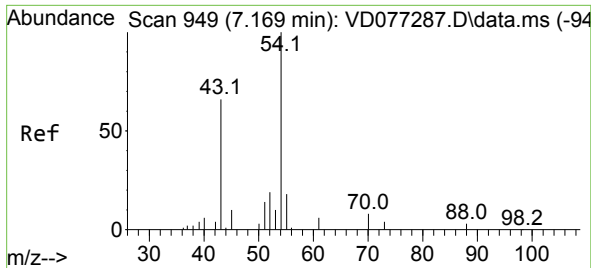
Tgt Ion:113 Resp: 473214
Ion Ratio Lower Upper
113 100
111 103.0 84.7 127.1
192 17.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 158.421 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion: 75 Resp: 786477
Ion Ratio Lower Upper
75 100
110 36.4 19.9 59.6
77 31.6 24.7 37.1

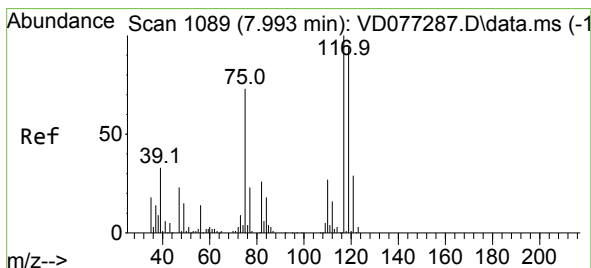
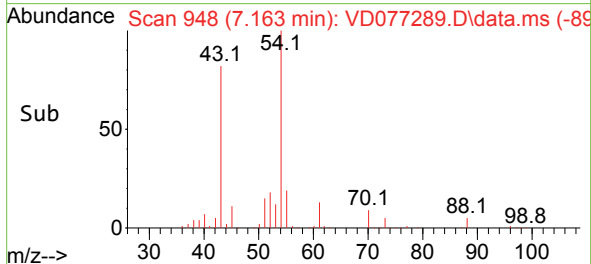
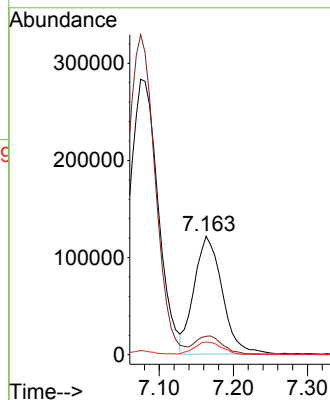
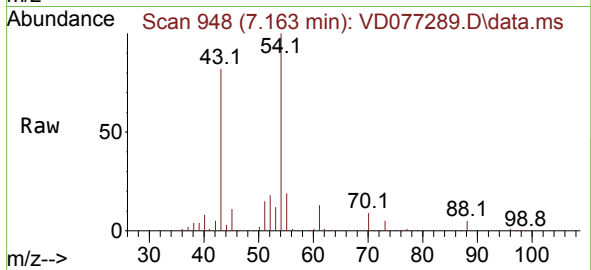




#37
Ethyl Acetate
Concen: 160.645 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

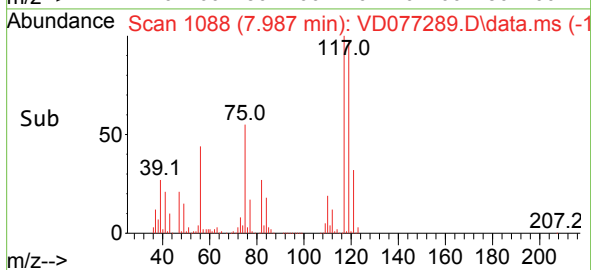
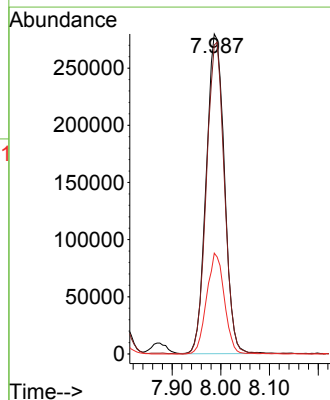
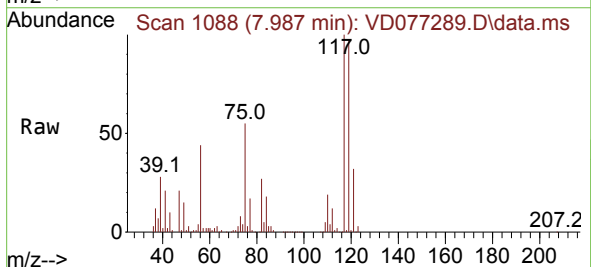
Instrument :
MSVOA_D
ClientSampleId :

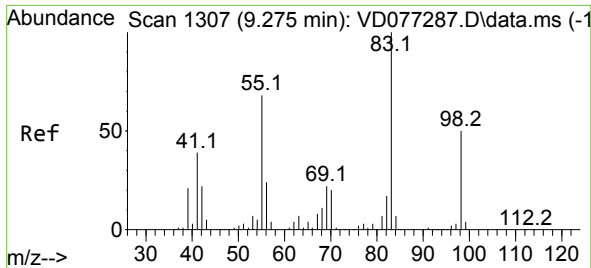
Tgt Ion: 43 Resp: 320173
Ion Ratio Lower Upper
43 100
61 15.0 14.9 22.3
70 10.8 10.0 15.0



#38
Carbon Tetrachloride
Concen: 155.995 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion: 117 Resp: 721507
Ion Ratio Lower Upper
117 100
119 96.6 78.0 117.0
121 31.6 24.2 36.2

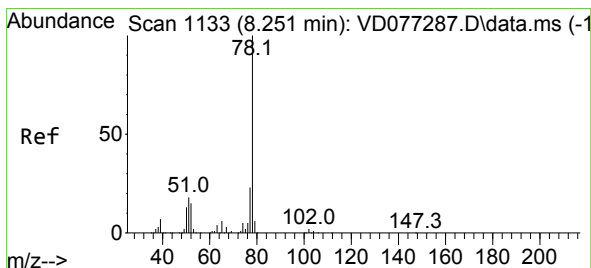
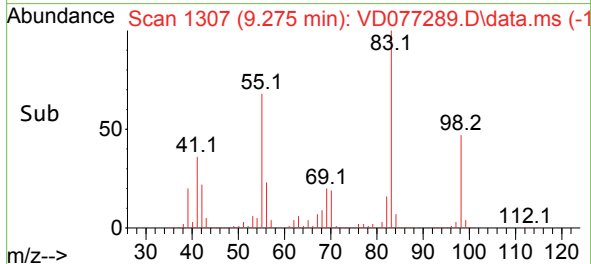
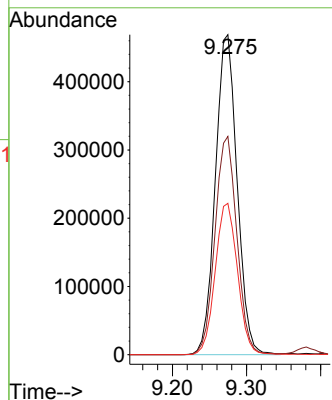
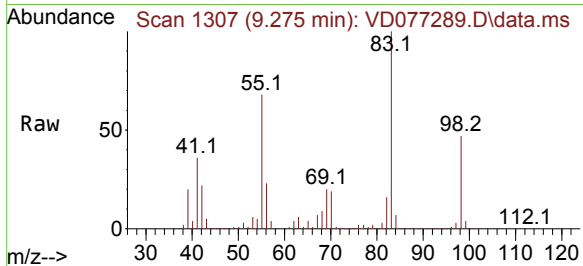




#39
Methylcyclohexane
Concen: 166.033 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

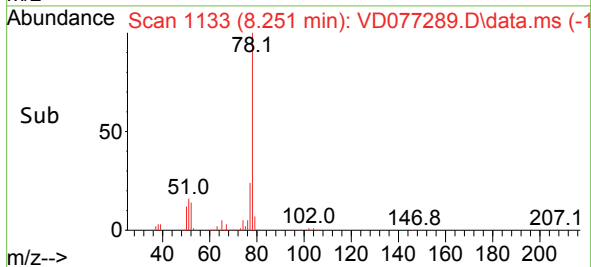
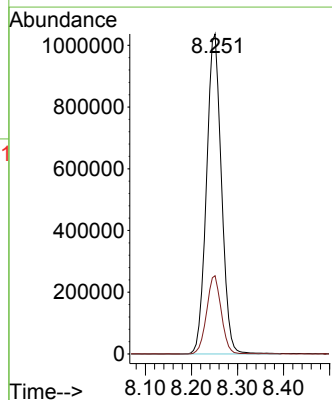
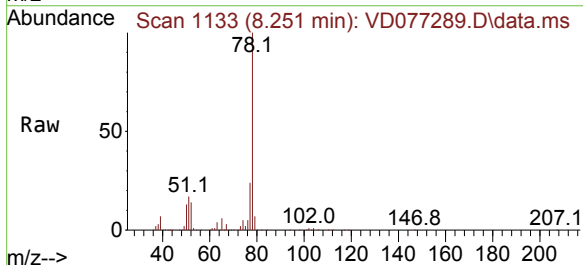
Instrument :
MSVOA_D
ClientSampleId :

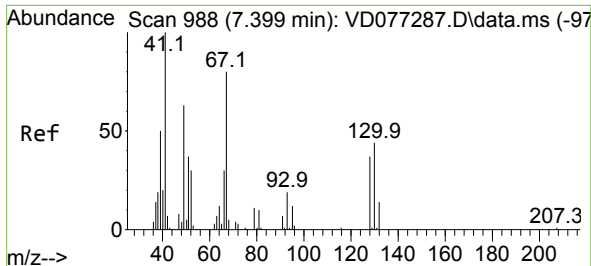
Tgt Ion: 83 Resp: 957321
Ion Ratio Lower Upper
83 100
55 68.2 49.4 74.0
98 47.3 38.4 57.6



#40
Benzene
Concen: 155.716 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion: 78 Resp: 2343959
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0

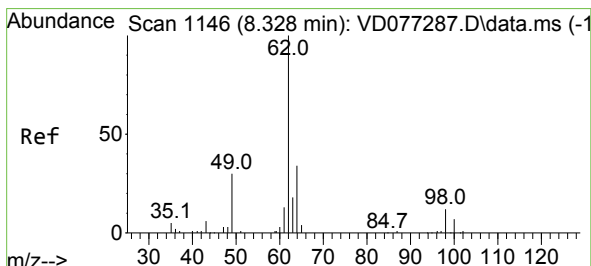
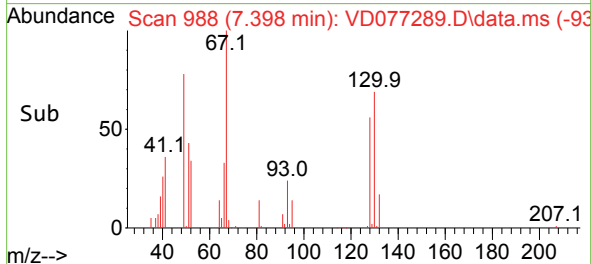
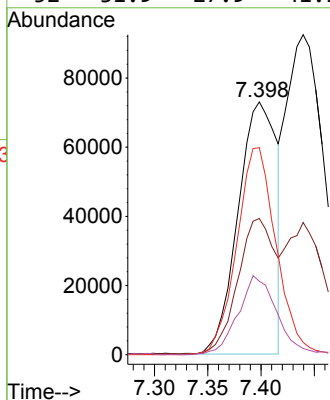
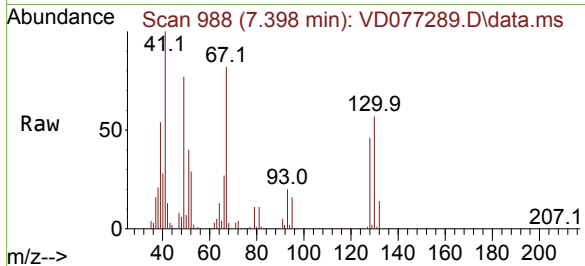




#41
Methacrylonitrile
Concen: 163.946 ug/l
RT: 7.398 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

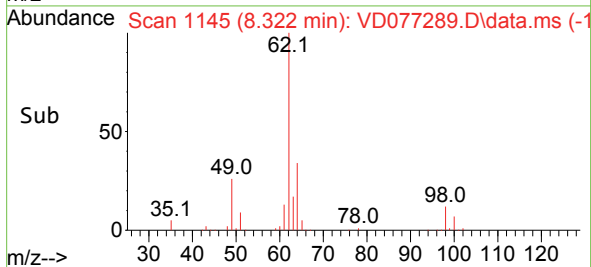
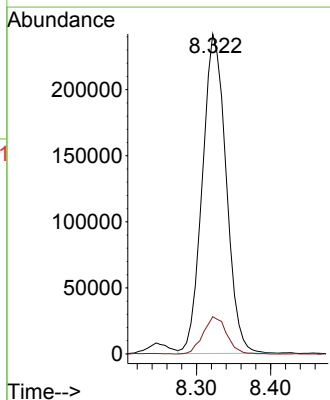
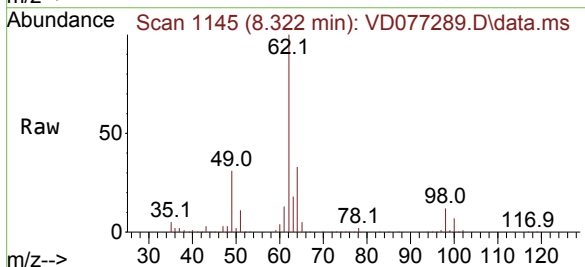
Instrument :
MSVOA_D
ClientSampleId :

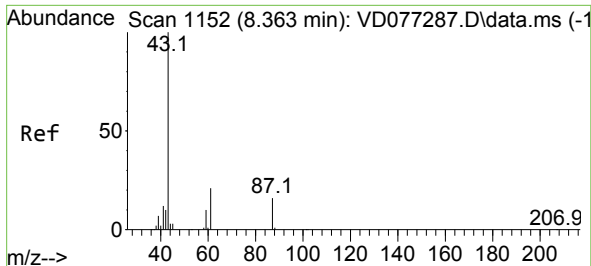
Tgt Ion: 41 Resp: 183088
Ion Ratio Lower Upper
41 100
39 51.6 34.0 51.0#
67 84.6 77.0 115.4
52 31.9 27.9 41.9



#42
1,2-Dichloroethane
Concen: 150.526 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

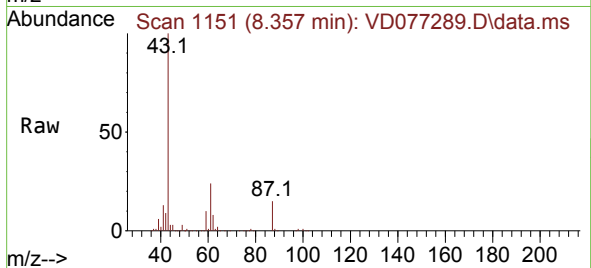
Tgt Ion: 62 Resp: 538887
Ion Ratio Lower Upper
62 100
98 11.6 0.0 25.4



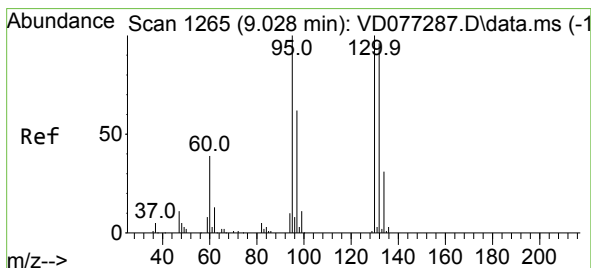
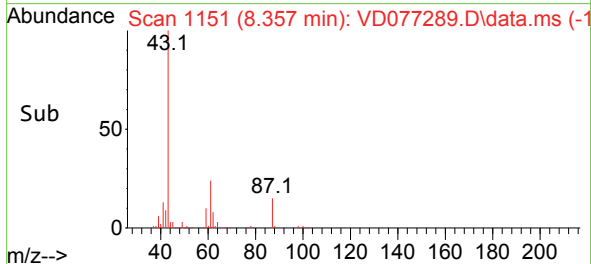
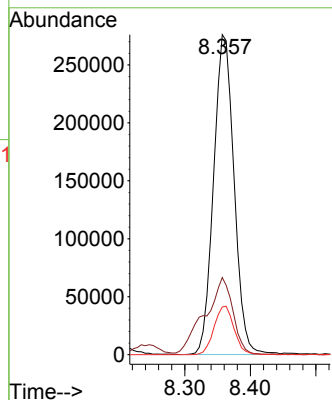


#43
Isopropyl Acetate
Concen: 163.272 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Instrument :
MSVOA_D
ClientSampleId :

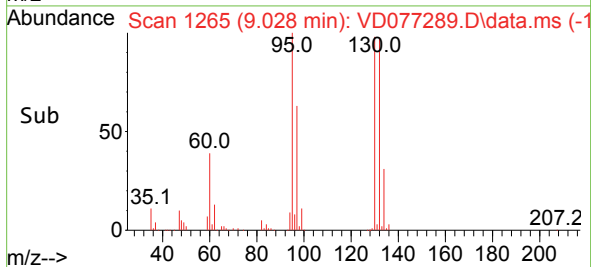
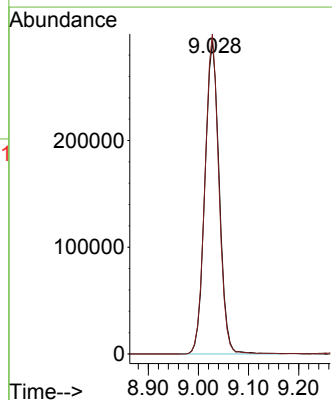
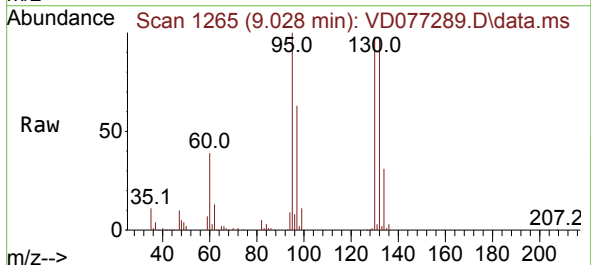


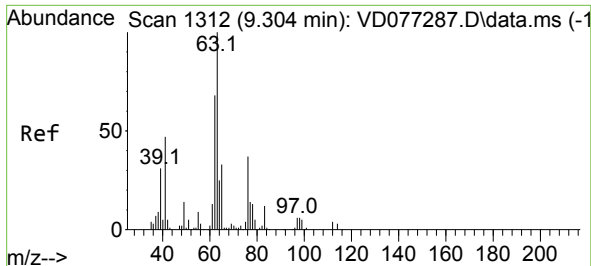
Tgt Ion: 43 Resp: 597636
Ion Ratio Lower Upper
43 100
61 32.8 31.4 47.0
87 14.8 14.9 22.3#



#44
Trichloroethene
Concen: 152.454 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion:130 Resp: 582568
Ion Ratio Lower Upper
130 100
95 102.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 153.286 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

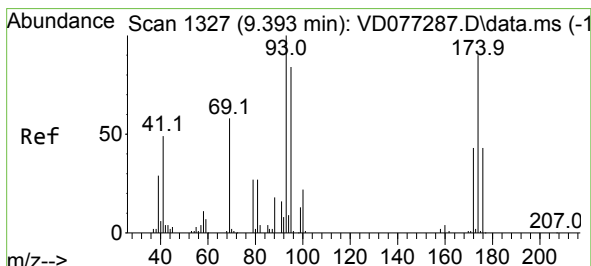
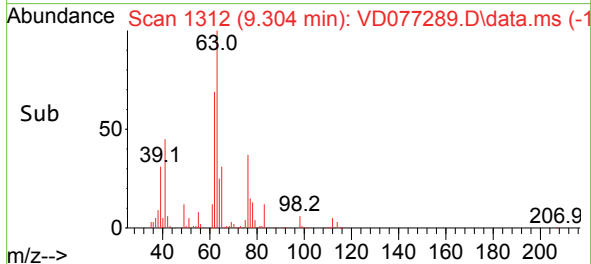
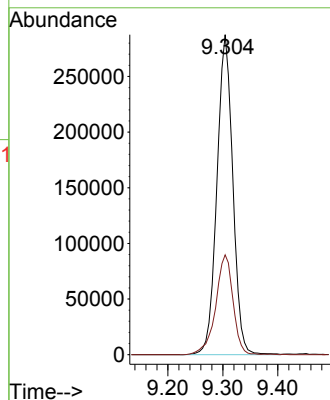
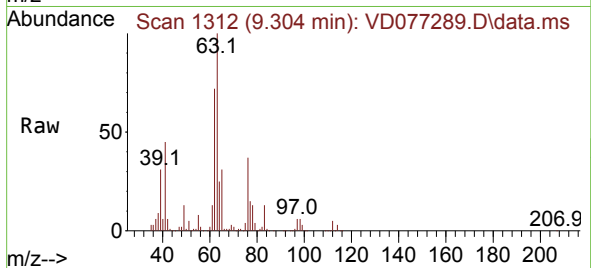
ClientSampleId :

Tgt Ion: 63 Resp: 577016

Ion Ratio Lower Upper

63 100

65 31.2 24.5 36.7



#46

Dibromomethane

Concen: 154.406 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

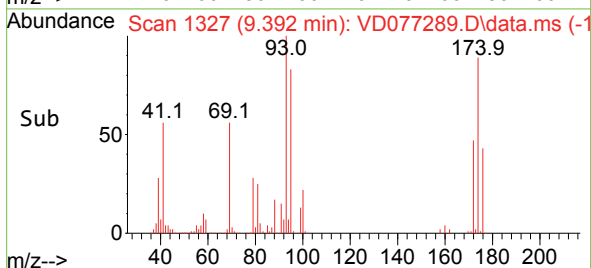
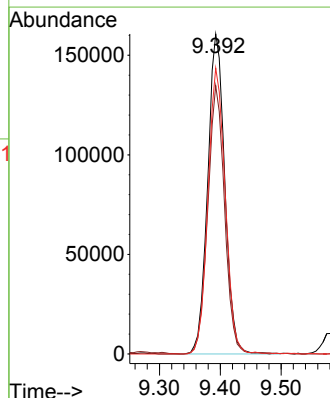
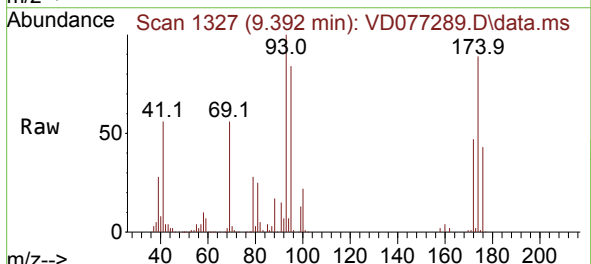
Tgt Ion: 93 Resp: 313981

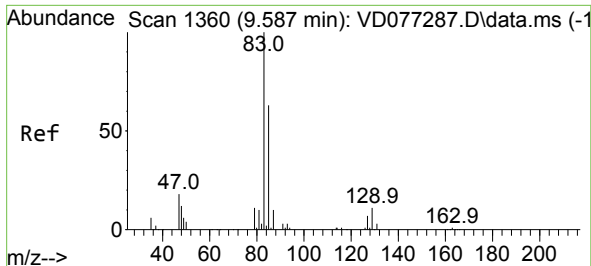
Ion Ratio Lower Upper

93 100

95 82.4 67.7 101.5

174 90.5 85.4 128.2

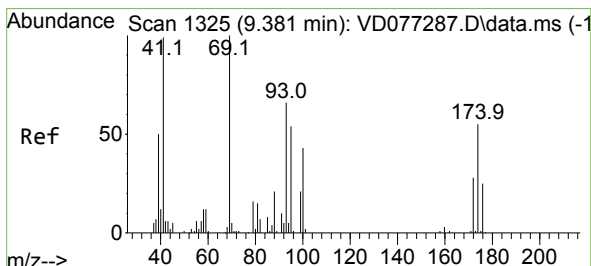
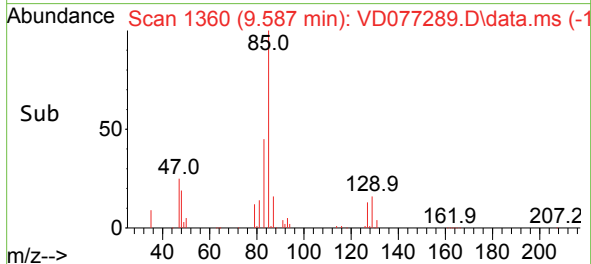
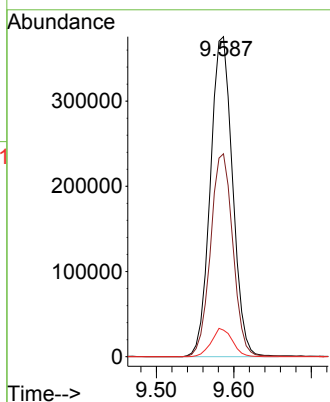
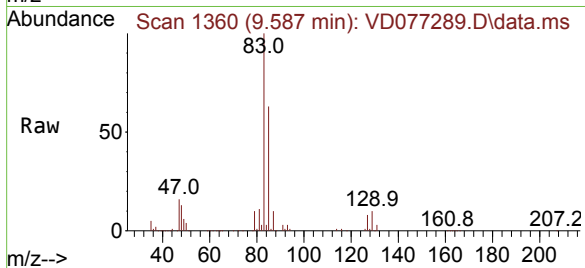




#47
Bromodichloromethane
Concen: 152.380 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

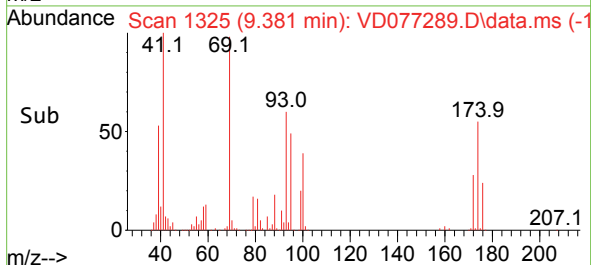
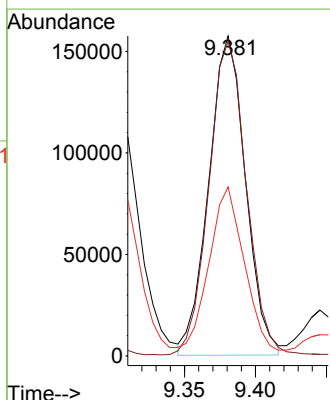
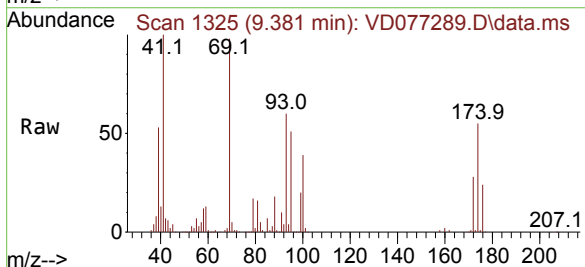
Instrument :
MSVOA_D
ClientSampleId :

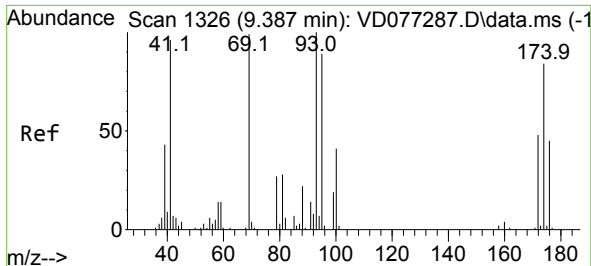
Tgt Ion: 83 Resp: 747153
Ion Ratio Lower Upper
83 100
85 63.4 50.2 75.4
127 8.3 6.3 9.5



#48
Methyl methacrylate
Concen: 168.987 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion: 41 Resp: 282948
Ion Ratio Lower Upper
41 100
69 100.4 102.2 153.2#
39 48.1 41.4 62.2





#49

1,4-Dioxane

Concen: 3232.601 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

ClientSampleId :

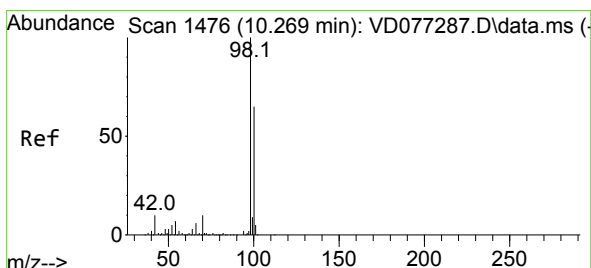
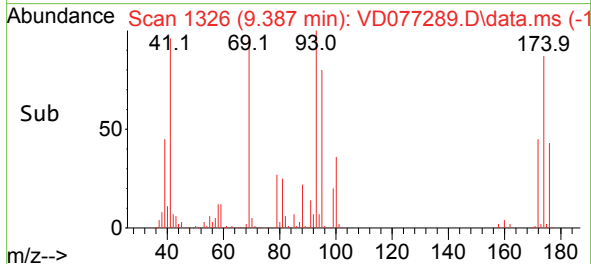
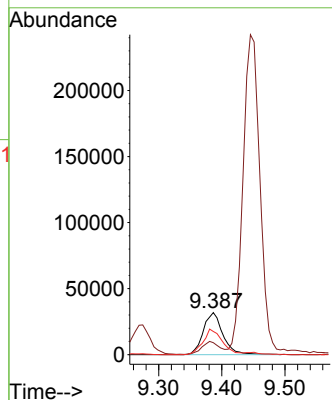
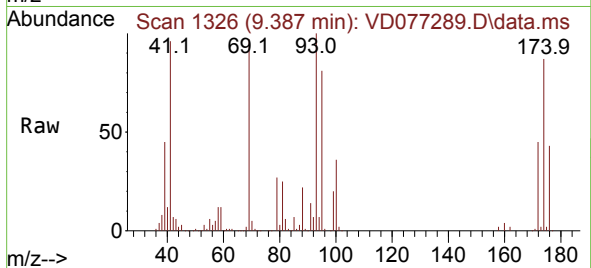
Tgt Ion: 88 Resp: 69078

Ion Ratio Lower Upper

88 100

43 26.4 19.0 28.6

58 59.8 43.5 65.3



#50

Toluene-d8

Concen: 169.955 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077289.D

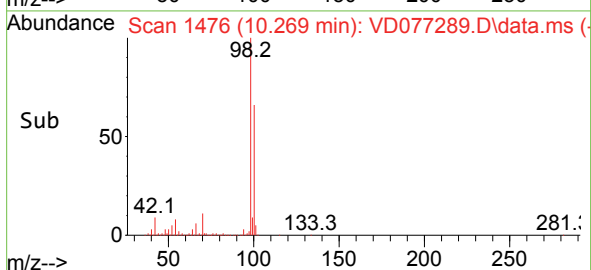
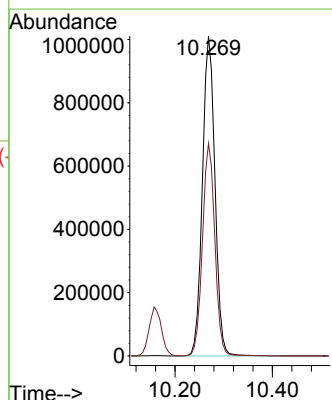
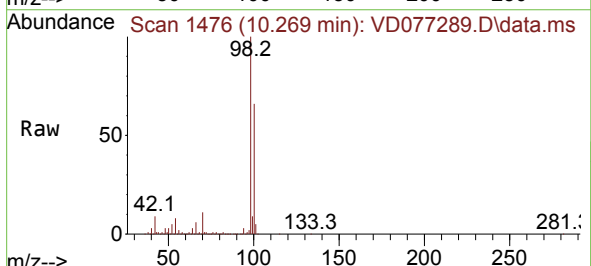
Acq: 06 Oct 2023 14:43

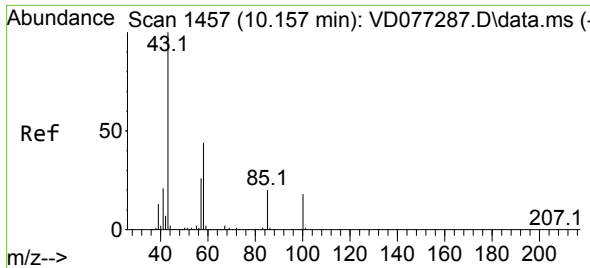
Tgt Ion: 98 Resp: 1803566

Ion Ratio Lower Upper

98 100

100 65.7 50.3 75.5

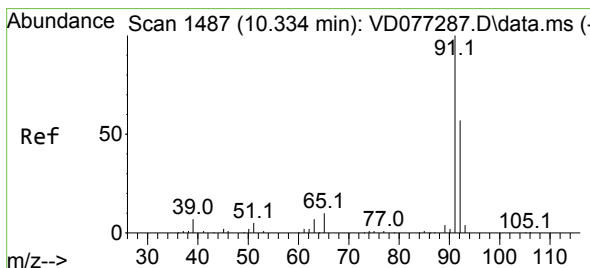
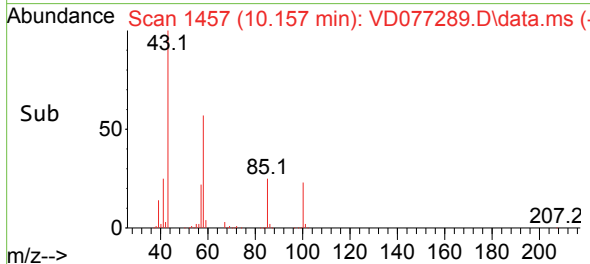
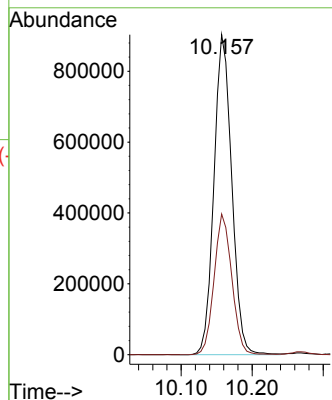
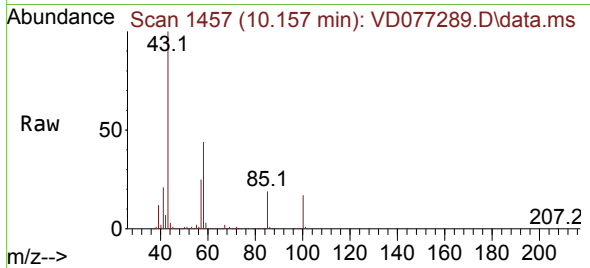




#51
4-Methyl-2-Pentanone
Concen: 823.171 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

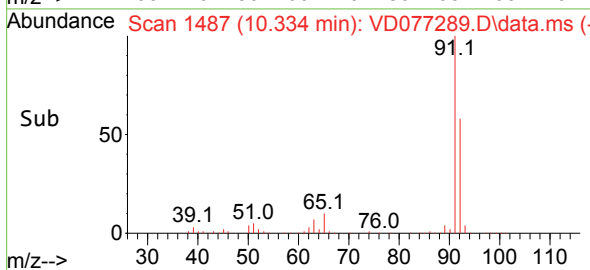
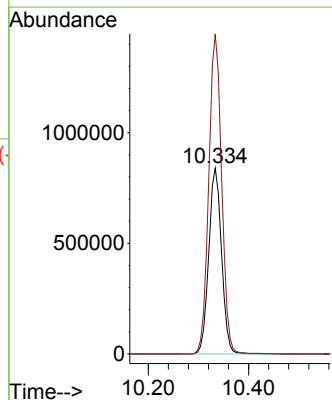
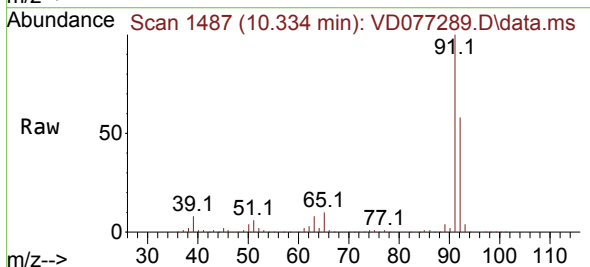
Instrument :
MSVOA_D
ClientSampleId :

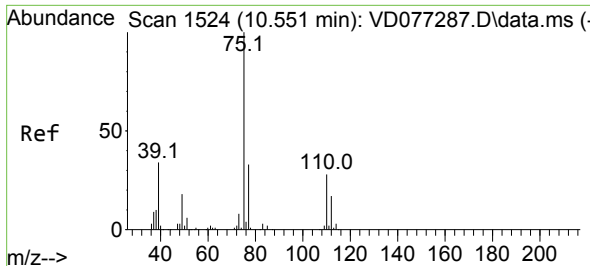
Tgt Ion: 43 Resp: 1568909
Ion Ratio Lower Upper
43 100
58 43.7 38.9 58.3



#52
Toluene
Concen: 158.945 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion: 92 Resp: 1485667
Ion Ratio Lower Upper
92 100
91 173.7 143.0 214.4

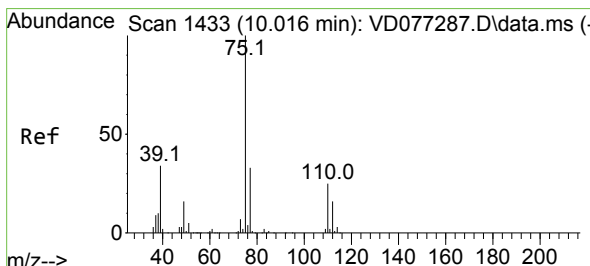
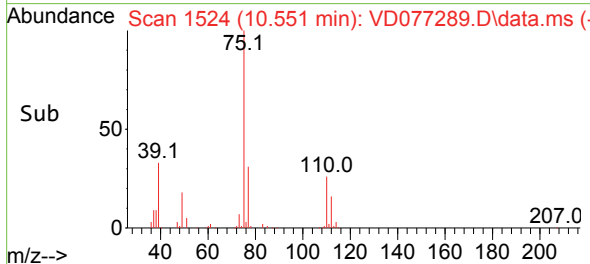
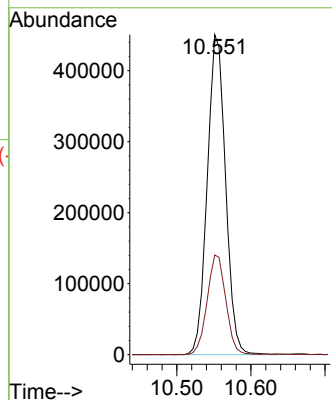
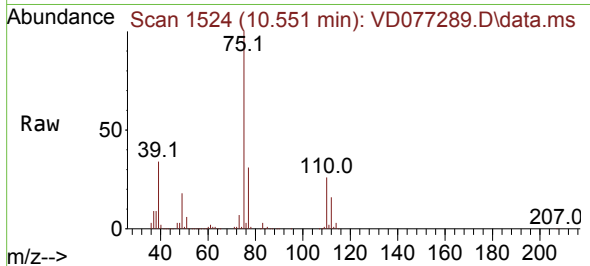




#53
 t-1,3-Dichloropropene
 Concen: 166.589 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD077289.D
 Acq: 06 Oct 2023 14:43

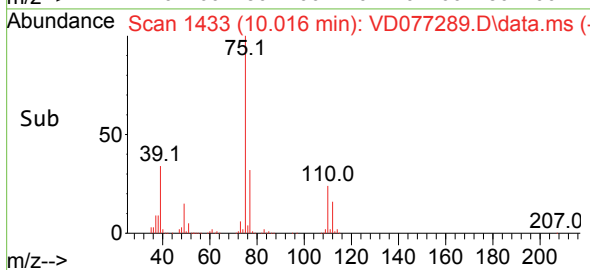
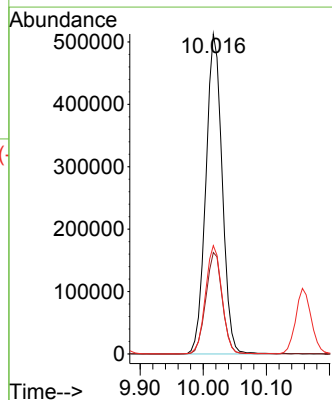
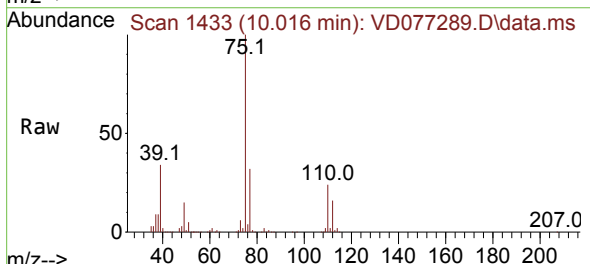
Instrument :
 MSVOA_D
 ClientSampleId :

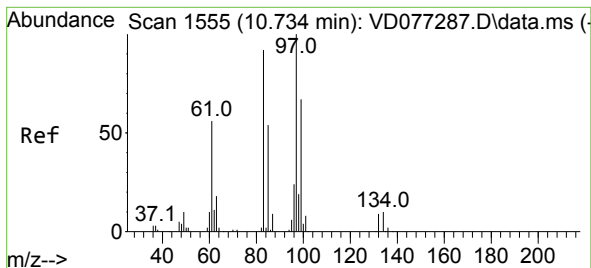
Tgt Ion: 75 Resp: 773001
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 162.288 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD077289.D
 Acq: 06 Oct 2023 14:43

Tgt Ion: 75 Resp: 922775
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.5 38.3
 39 33.8 22.1 33.1#

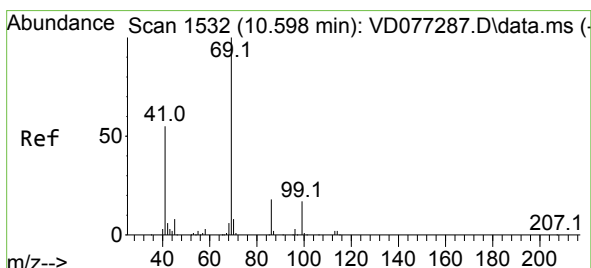
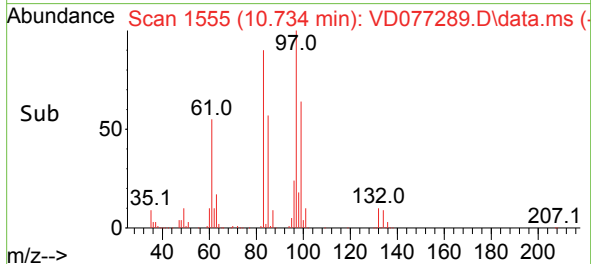
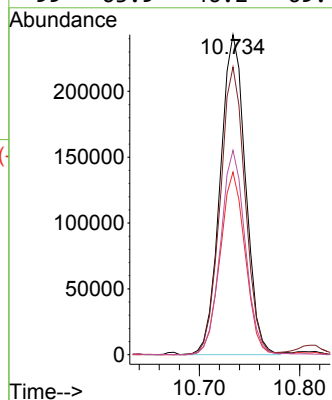
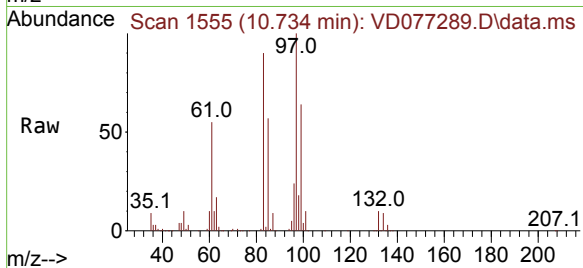




#55
 1,1,2-Trichloroethane
 Concen: 152.855 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VD077289.D
 Acq: 06 Oct 2023 14:43

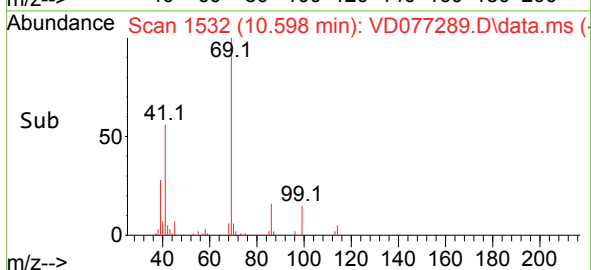
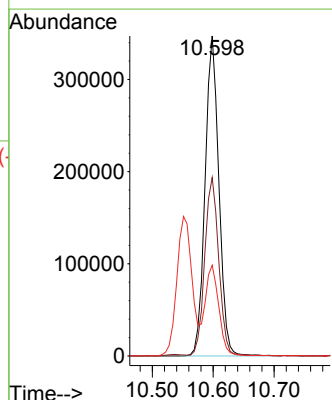
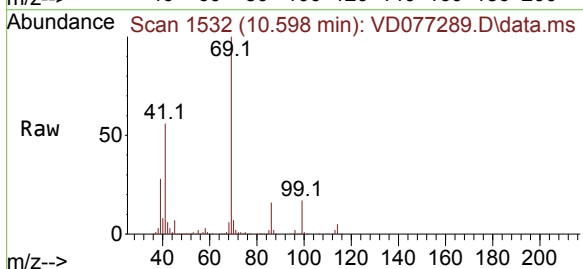
Instrument :
 MSVOA_D
 ClientSampleId :

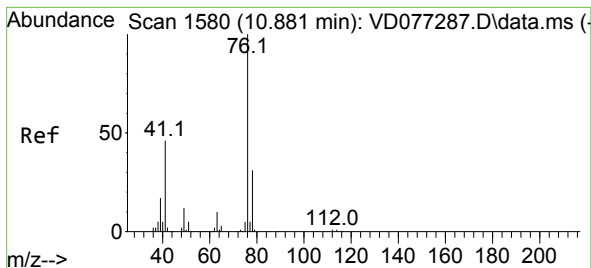
Tgt Ion:	97	Resp:	425852
Ion	Ratio	Lower	Upper
97	100		
83	89.9	65.8	98.6
85	56.9	45.7	68.5
99	63.9	46.2	69.4



#56
 Ethyl methacrylate
 Concen: 175.062 ug/l
 RT: 10.598 min Scan# 1532
 Delta R.T. -0.000 min
 Lab File: VD077289.D
 Acq: 06 Oct 2023 14:43

Tgt Ion:	69	Resp:	547842
Ion	Ratio	Lower	Upper
69	100		
41	57.1	39.1	58.7
39	28.5	20.0	30.0





#57

1,3-Dichloropropane

Concen: 159.579 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

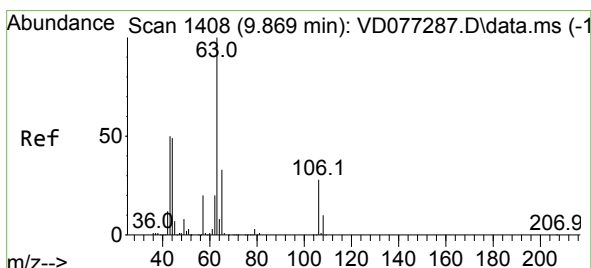
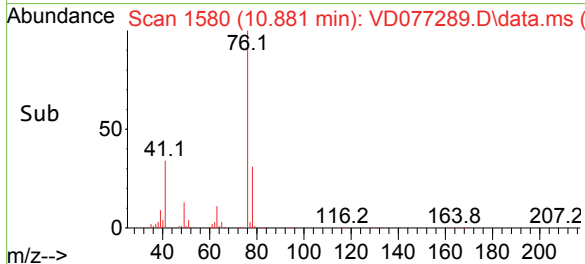
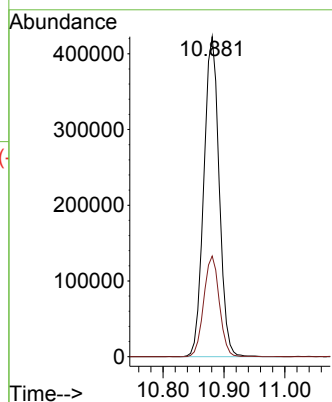
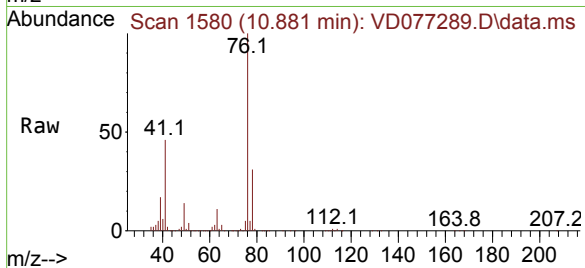
ClientSampleId :

Tgt Ion: 76 Resp: 738904

Ion Ratio Lower Upper

76 100

78 31.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 862.124 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD077289.D

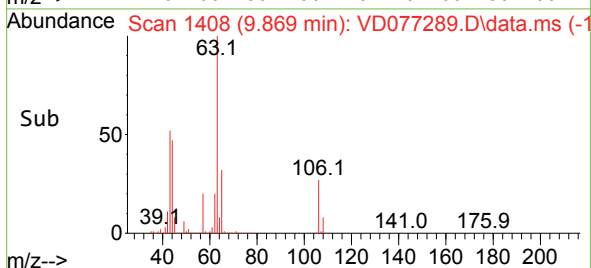
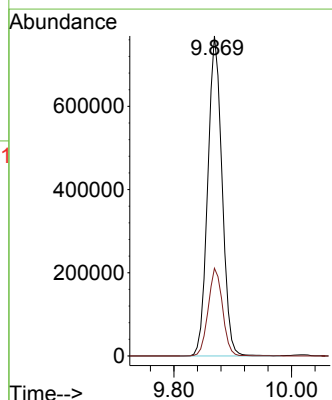
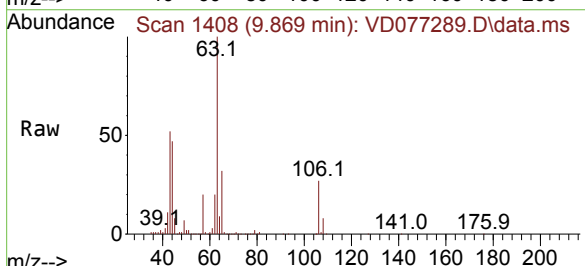
Acq: 06 Oct 2023 14:43

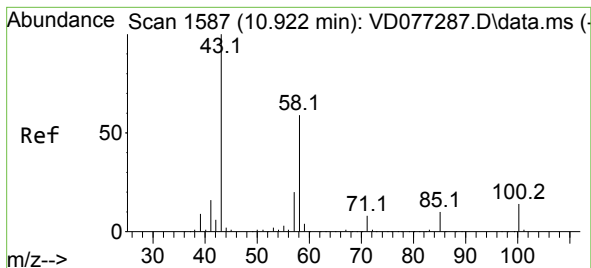
Tgt Ion: 63 Resp: 1294014

Ion Ratio Lower Upper

63 100

106 27.5 25.3 37.9

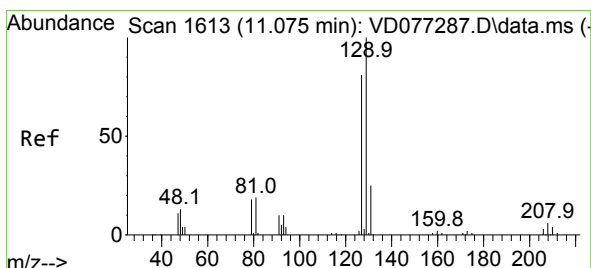
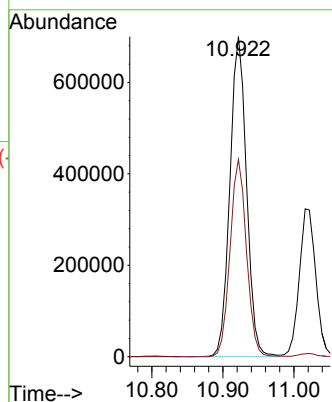
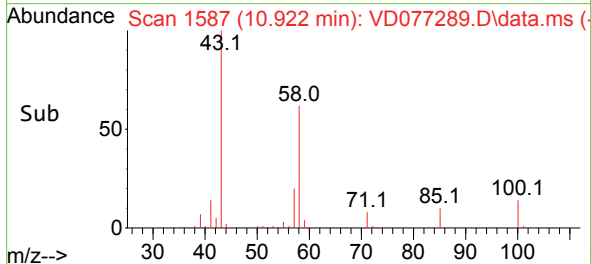
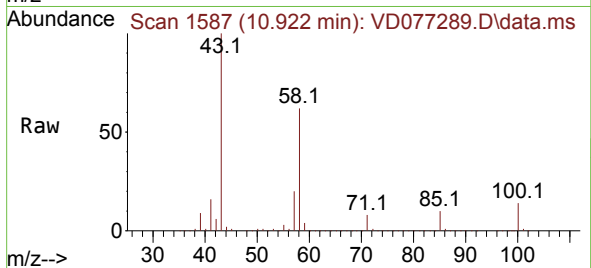




#59
2-Hexanone
Concen: 834.817 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

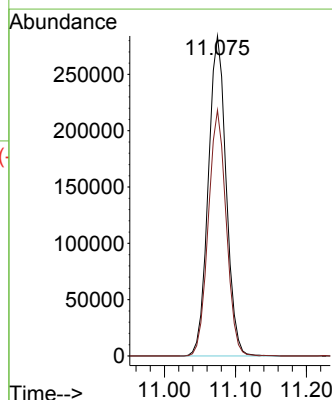
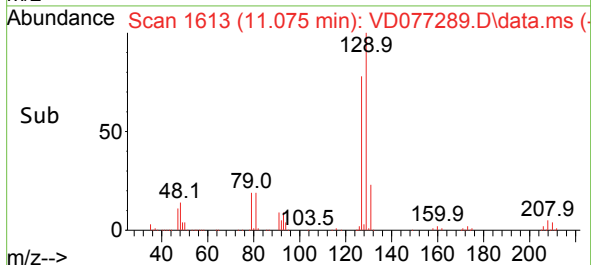
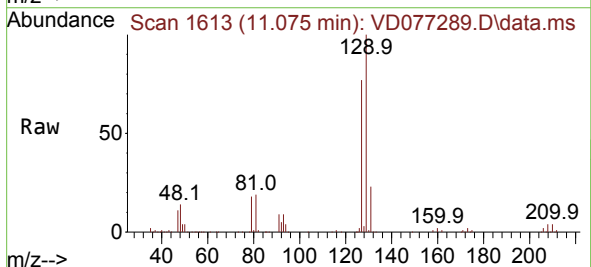
Instrument :
MSVOA_D
ClientSampleId :

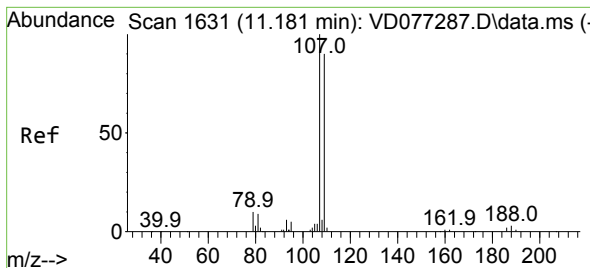
Tgt Ion: 43 Resp: 1138756
Ion Ratio Lower Upper
43 100
58 60.9 34.1 102.2



#60
Dibromochloromethane
Concen: 153.594 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion: 129 Resp: 496974
Ion Ratio Lower Upper
129 100
127 76.7 37.1 111.5

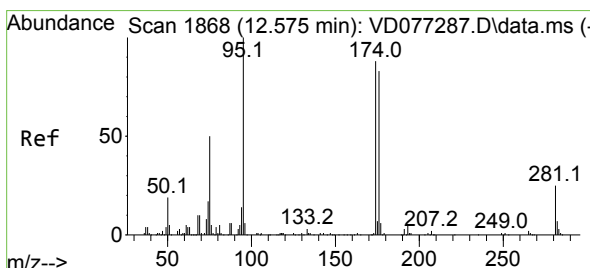
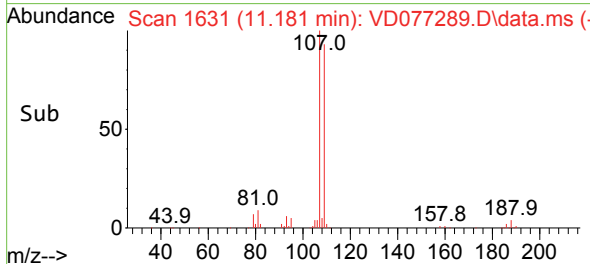
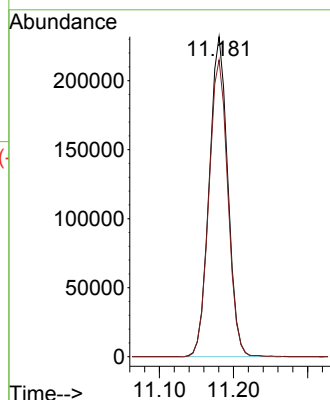
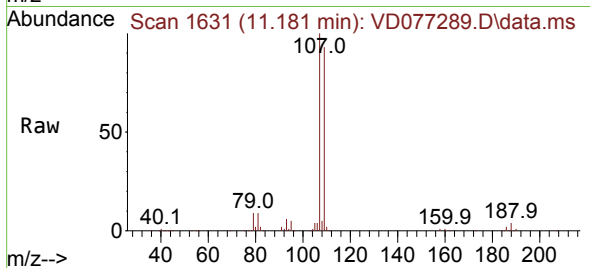




#61
1,2-Dibromoethane
Concen: 155.570 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

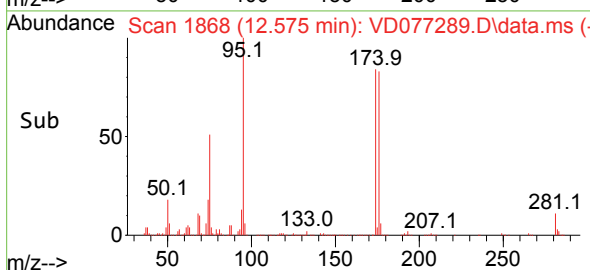
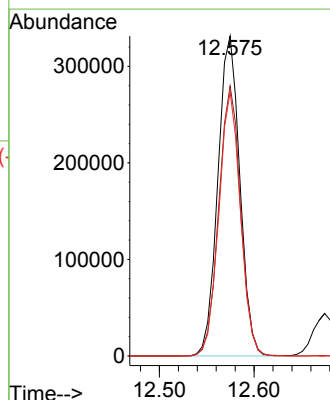
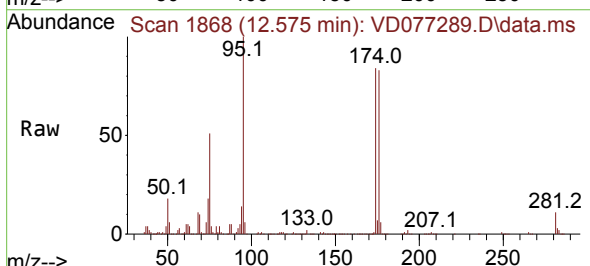
Instrument :
MSVOA_D
ClientSampleId :

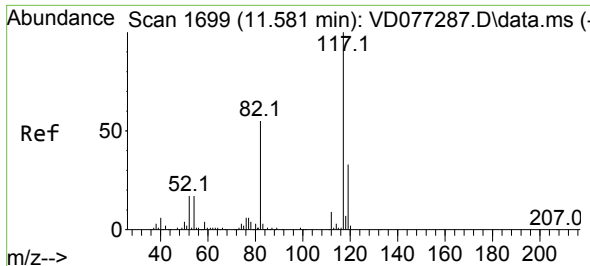
Tgt Ion:107 Resp: 402971
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 158.226 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion: 95 Resp: 533951
Ion Ratio Lower Upper
95 100
174 83.9 0.0 201.8
176 80.8 0.0 191.8

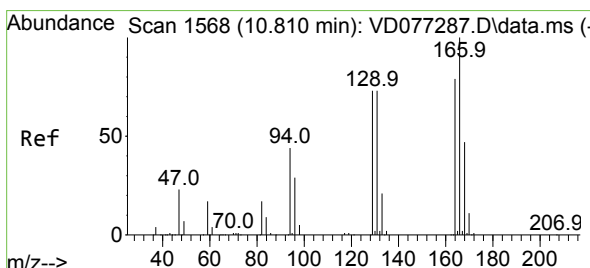
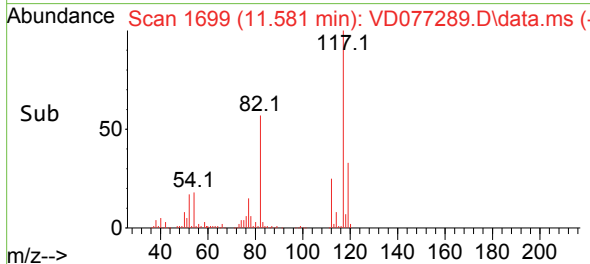
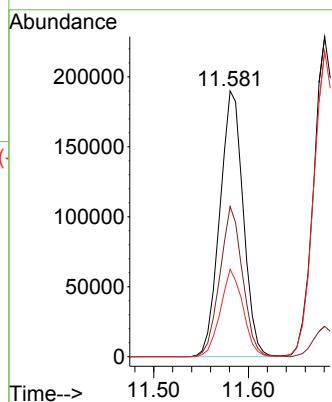
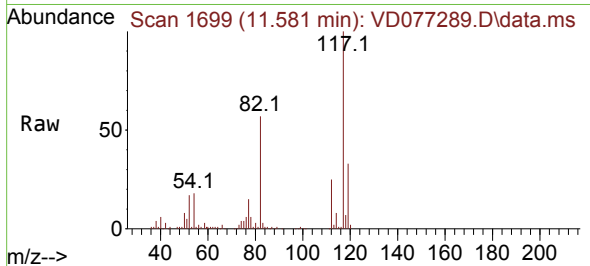




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

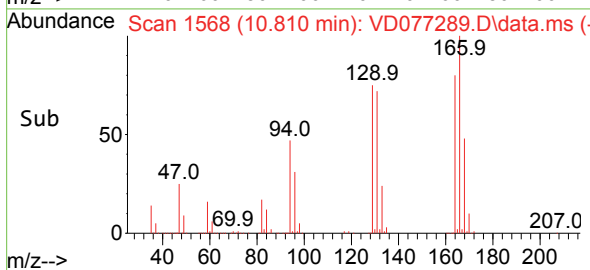
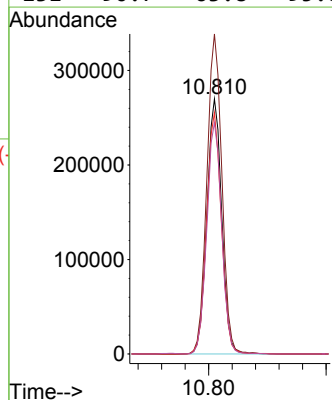
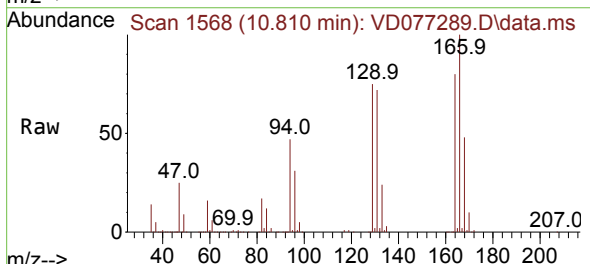
Instrument :
MSVOA_D
ClientSampleId :

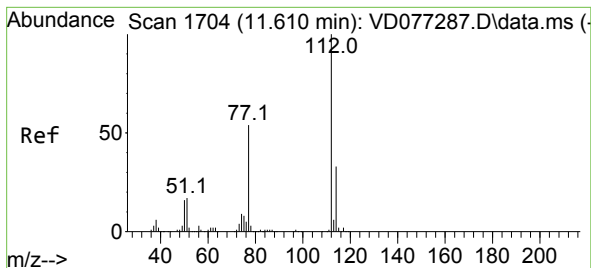
Tgt Ion:117 Resp: 326803
Ion Ratio Lower Upper
117 100
82 56.5 38.3 57.5
119 32.9 25.0 37.4



#64
Tetrachloroethene
Concen: 151.659 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion:164 Resp: 473038
Ion Ratio Lower Upper
164 100
166 125.5 99.2 148.8
129 94.6 68.4 102.6
131 90.7 63.8 95.8





#65

Chlorobenzene

Concen: 152.921 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

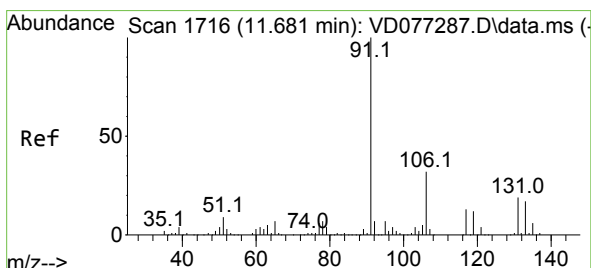
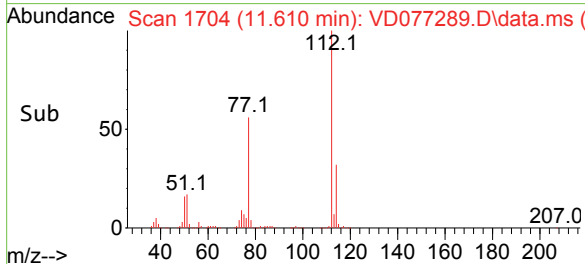
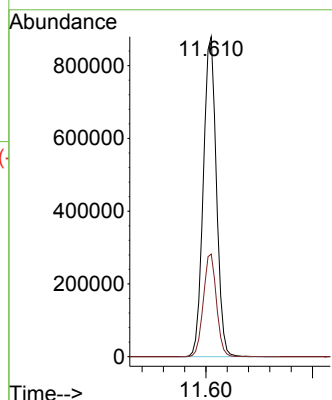
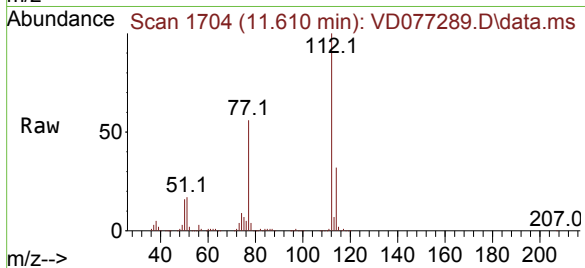
ClientSampleId :

Tgt Ion:112 Resp: 1496454

Ion Ratio Lower Upper

112 100

114 32.1 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 154.412 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

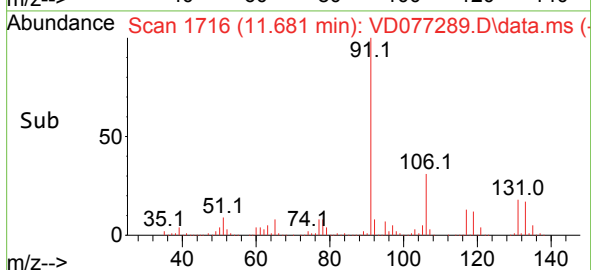
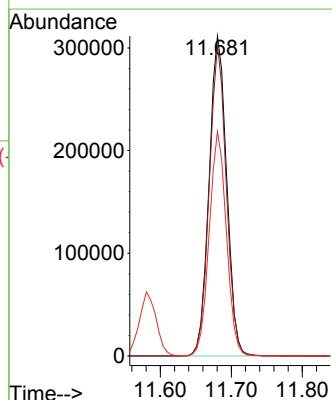
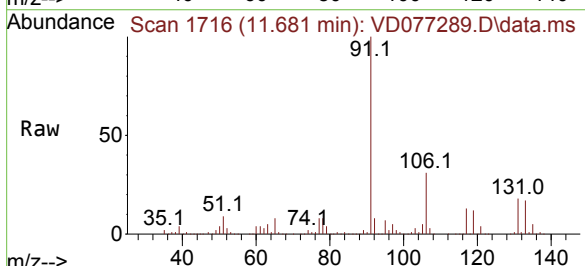
Tgt Ion:131 Resp: 535704

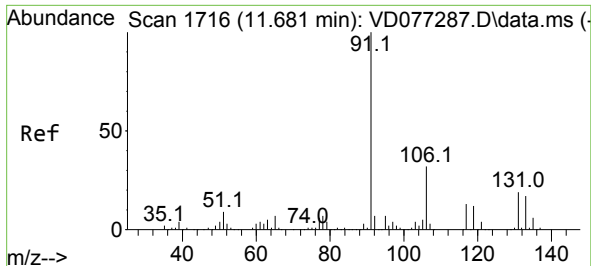
Ion Ratio Lower Upper

131 100

133 94.6 48.5 145.5

119 68.7 35.6 106.9

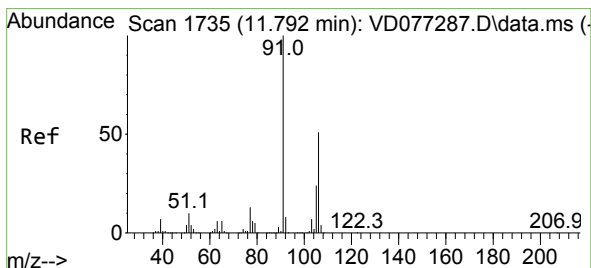
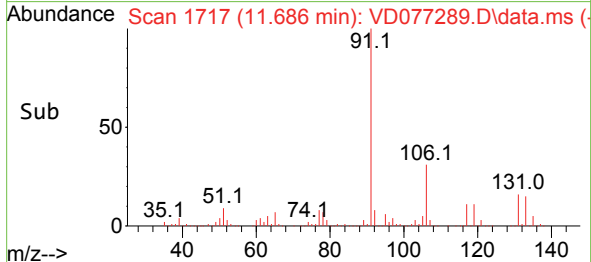
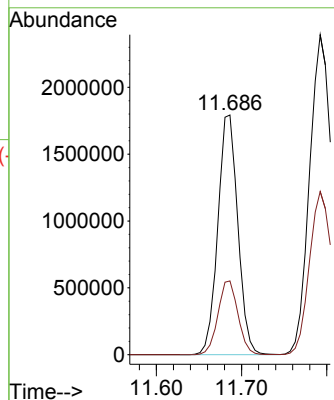
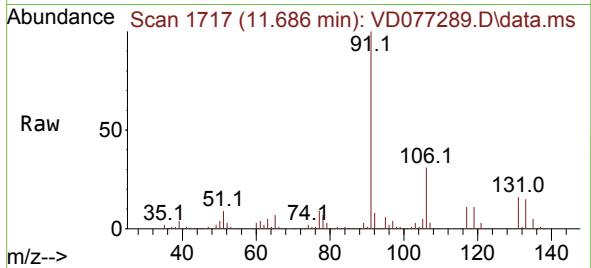




#67
Ethyl Benzene
Concen: 166.021 ug/l
RT: 11.686 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

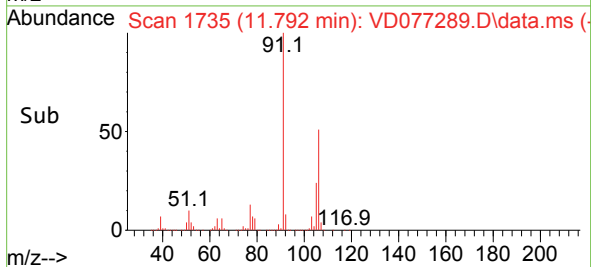
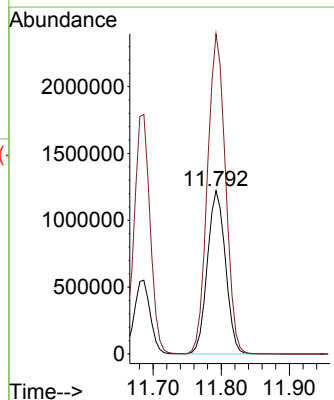
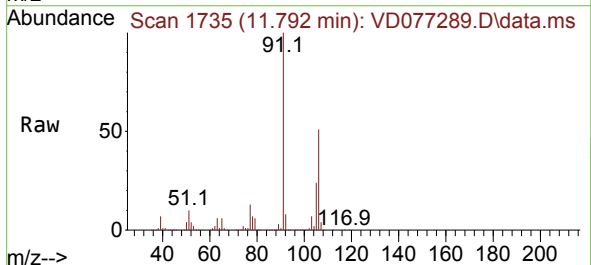
Instrument :
MSVOA_D
ClientSampleId :

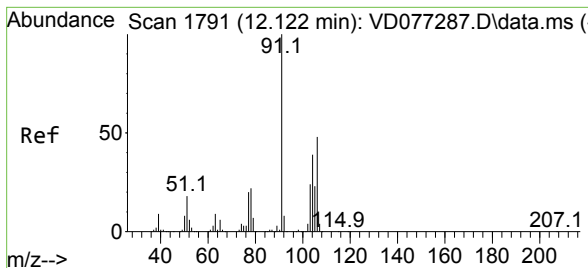
Tgt Ion: 91 Resp: 2927126
Ion Ratio Lower Upper
91 100
106 30.8 26.5 39.7



#68
m/p-Xylenes
Concen: 328.881 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion:106 Resp: 2250486
Ion Ratio Lower Upper
106 100
91 195.6 147.0 220.6

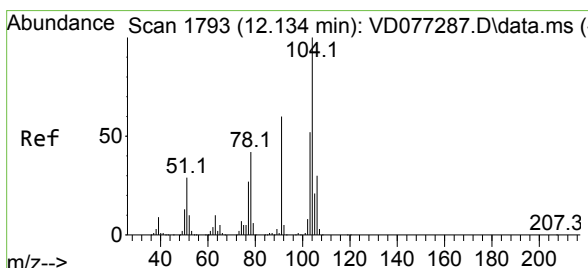
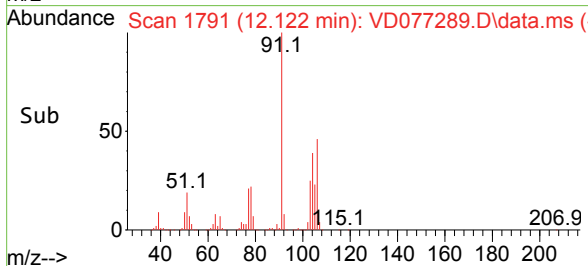
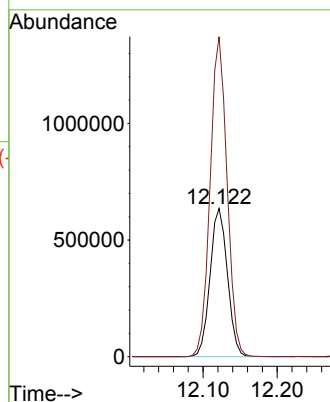
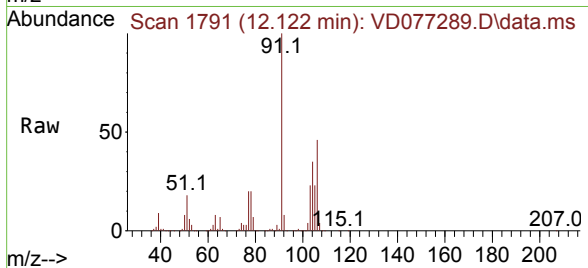




#69
o-Xylene
Concen: 163.907 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

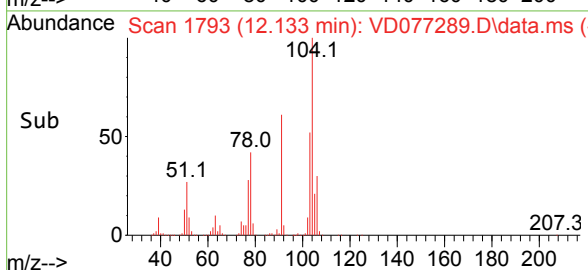
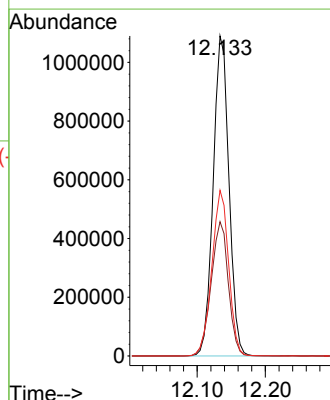
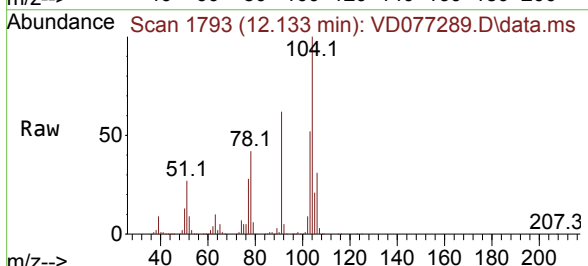
Instrument :
MSVOA_D
ClientSampleId :

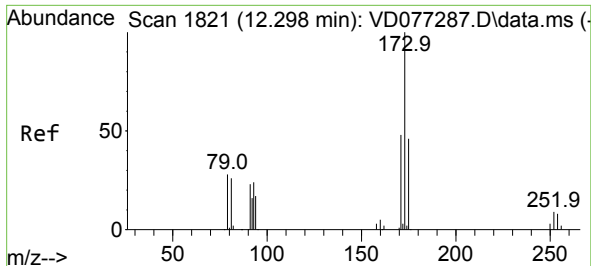
Tgt Ion:106 Resp: 1032604
Ion Ratio Lower Upper
106 100
91 210.5 97.9 293.6



#70
Styrene
Concen: 162.215 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

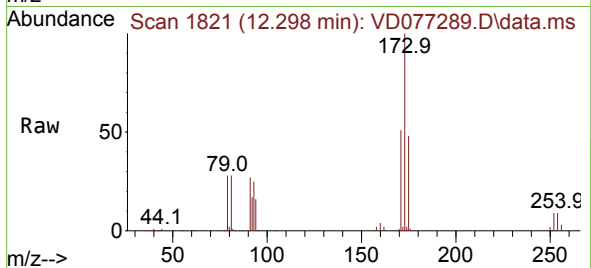
Tgt Ion:104 Resp: 1758105
Ion Ratio Lower Upper
104 100
78 45.8 33.2 49.8
103 55.0 43.6 65.4



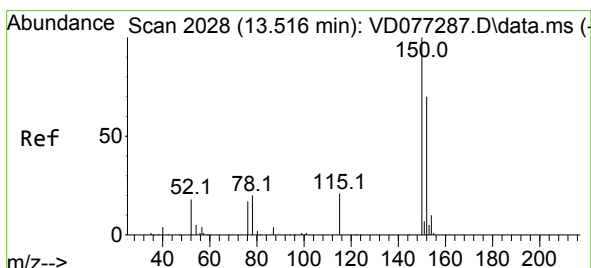
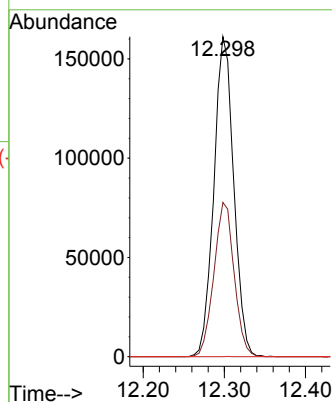
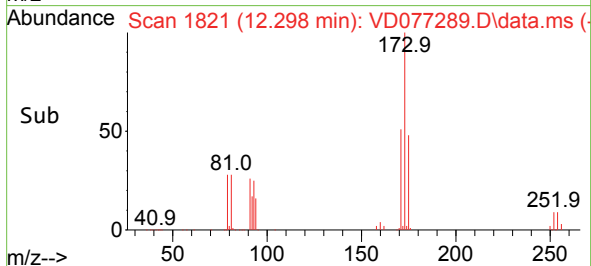


#71
Bromoform
Concen: 149.429 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Instrument :
MSVOA_D
ClientSampleId :

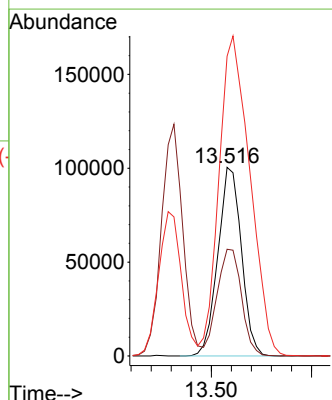
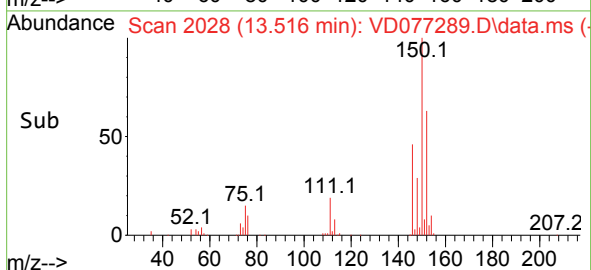
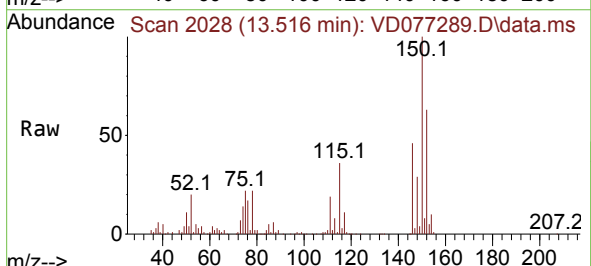


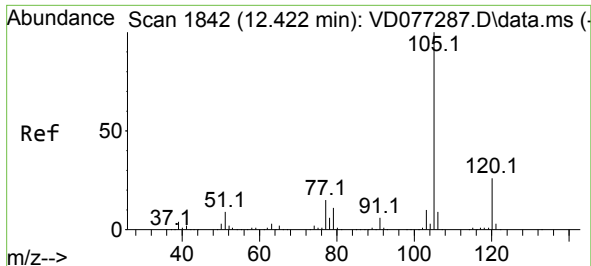
Tgt Ion:173 Resp: 274149
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.8
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

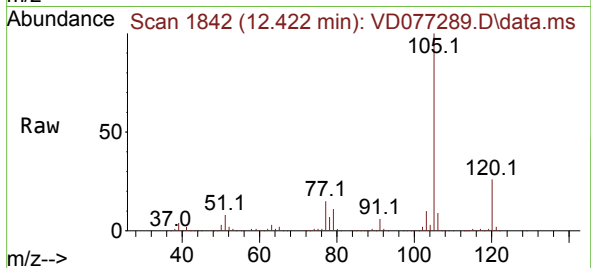
Tgt Ion:152 Resp: 163620
Ion Ratio Lower Upper
152 100
115 58.3 27.1 81.3
150 223.4 0.0 353.6



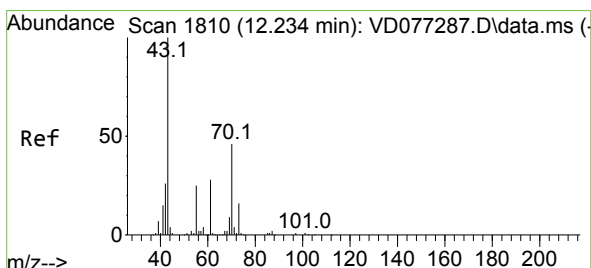
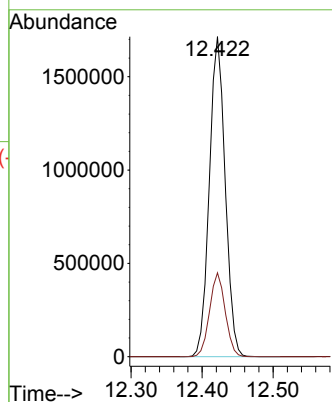
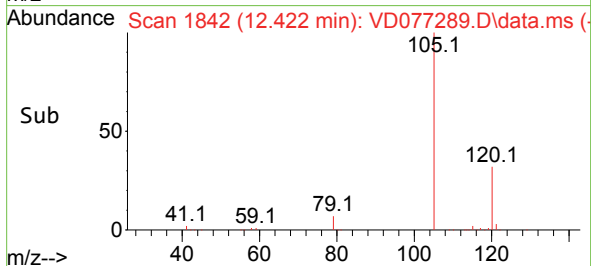


#73
Isopropylbenzene
Concen: 167.779 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

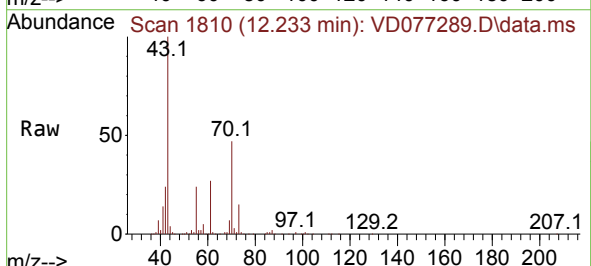
Instrument :
MSVOA_D
ClientSampleId :



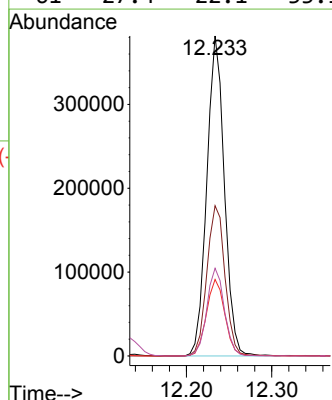
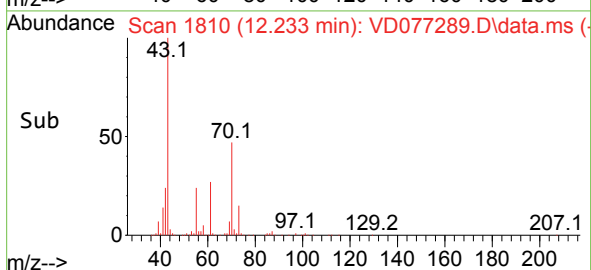
Tgt Ion:105 Resp: 2656792
Ion Ratio Lower Upper
105 100
120 25.8 14.3 42.9

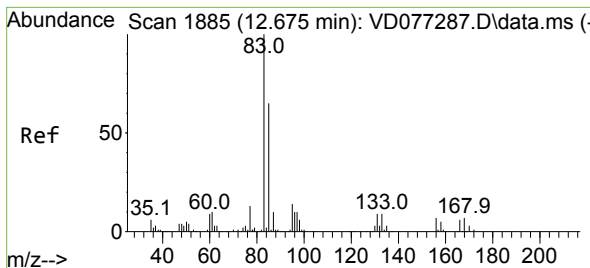


#74
N-ethyl acetate
Concen: 168.038 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43



Tgt Ion: 43 Resp: 546766
Ion Ratio Lower Upper
43 100
70 48.5 45.0 67.4
55 25.1 23.8 35.6
61 27.4 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 155.022 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

ClientSampleId :

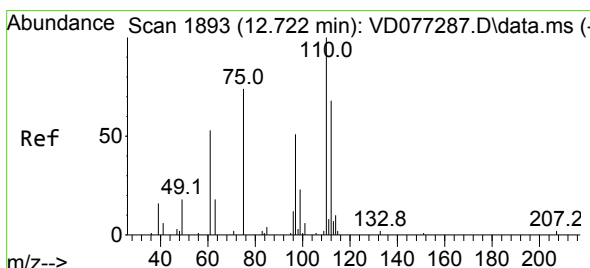
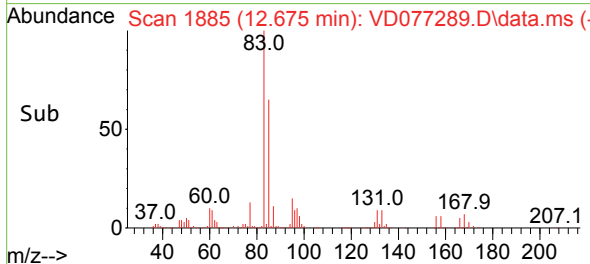
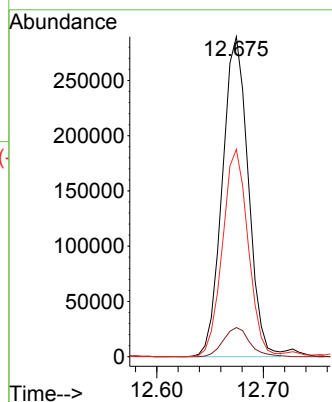
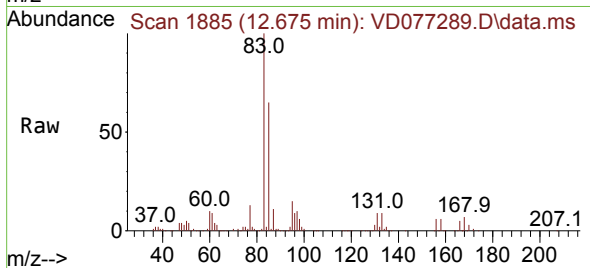
Tgt Ion: 83 Resp: 488968

Ion Ratio Lower Upper

83 100

131 9.3 5.1 15.3

85 64.1 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 277.171 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD077289.D

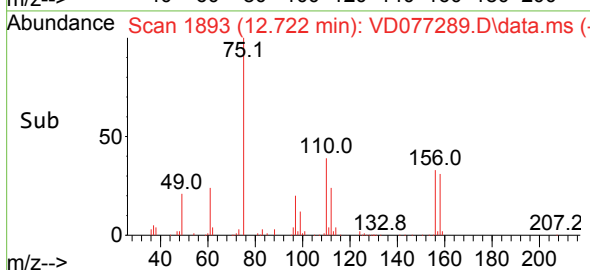
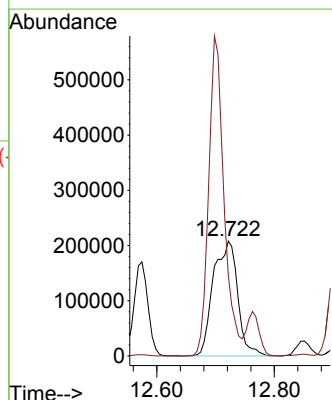
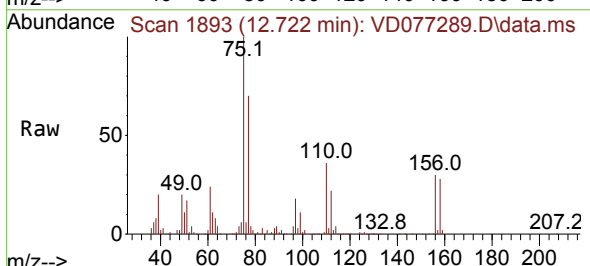
Acq: 06 Oct 2023 14:43

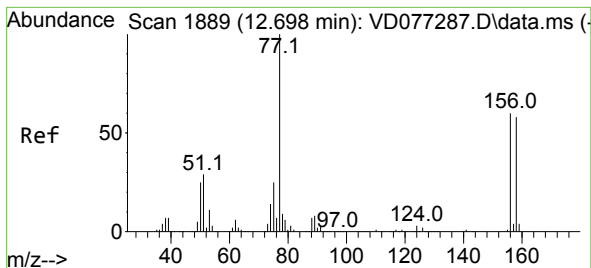
Tgt Ion: 75 Resp: 597829

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 156.994 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

ClientSampleId :

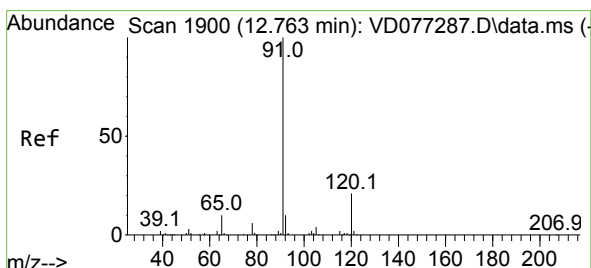
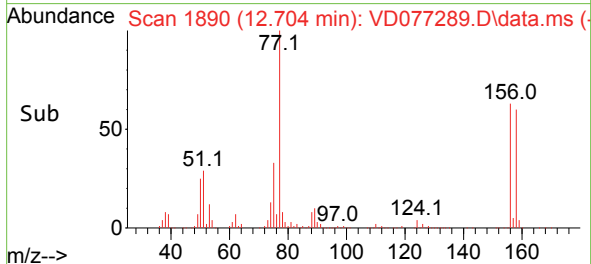
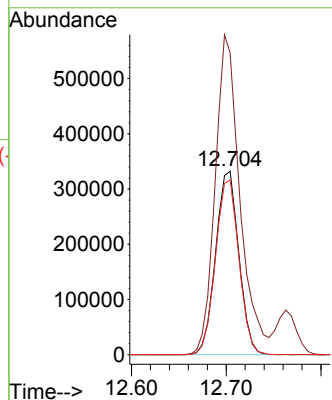
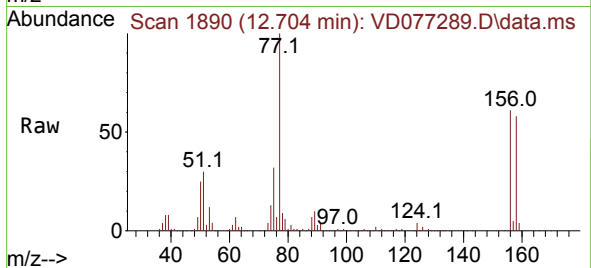
Tgt Ion:156 Resp: 566181

Ion Ratio Lower Upper

156 100

77 185.9 76.8 230.4

158 96.0 48.6 145.9



#78

n-propylbenzene

Concen: 164.016 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD077289.D

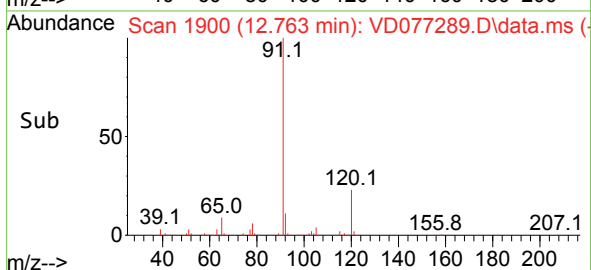
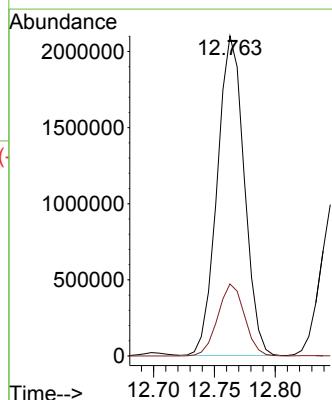
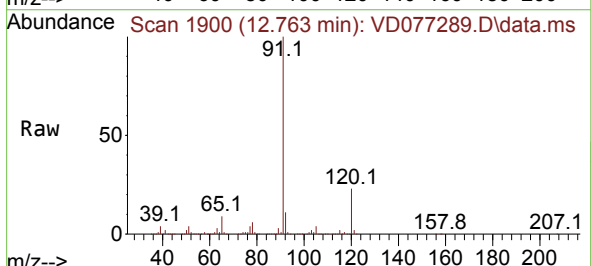
Acq: 06 Oct 2023 14:43

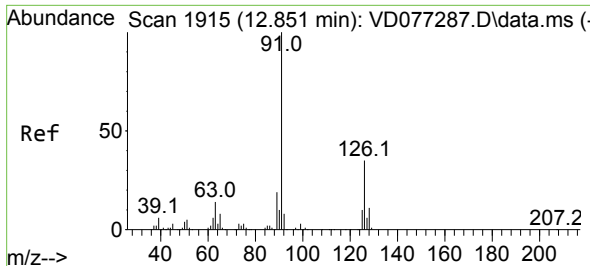
Tgt Ion: 91 Resp: 3243283

Ion Ratio Lower Upper

91 100

120 22.2 12.4 37.2

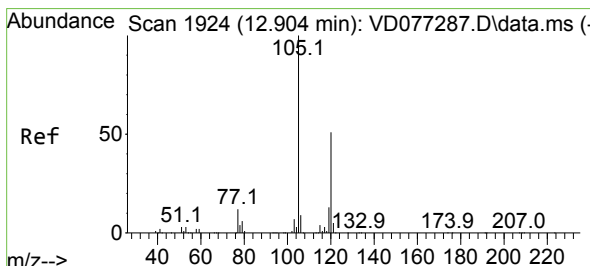
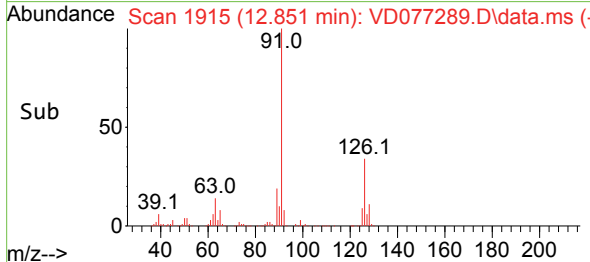
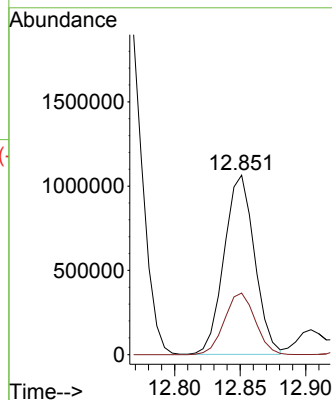
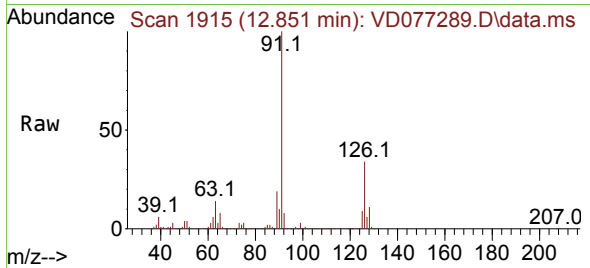




#79
2-Chlorotoluene
Concen: 161.676 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

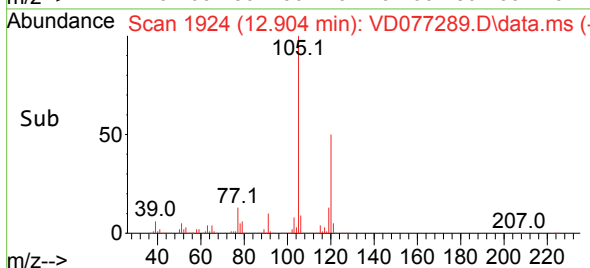
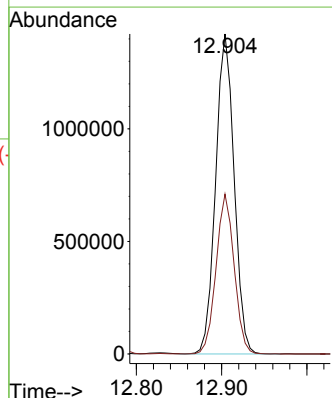
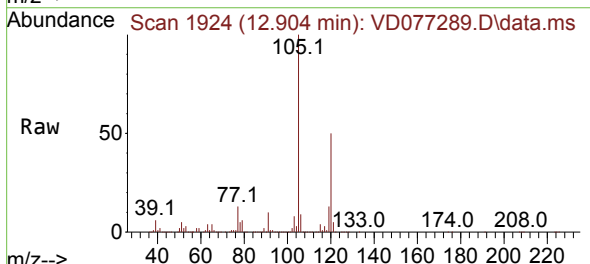
Instrument :
MSVOA_D
ClientSampleId :

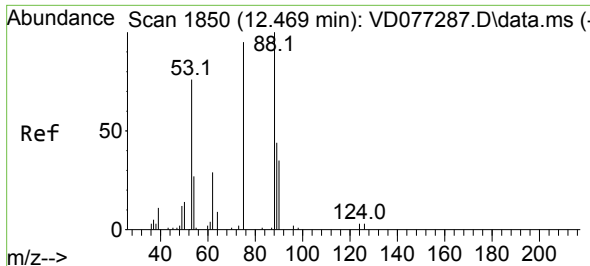
Tgt Ion: 91 Resp: 1722134
Ion Ratio Lower Upper
91 100
126 34.8 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 164.058 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion:105 Resp: 2139469
Ion Ratio Lower Upper
105 100
120 49.0 26.4 79.2

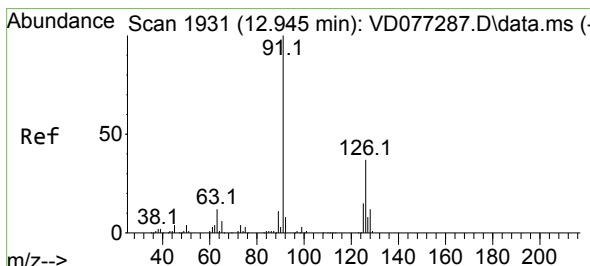
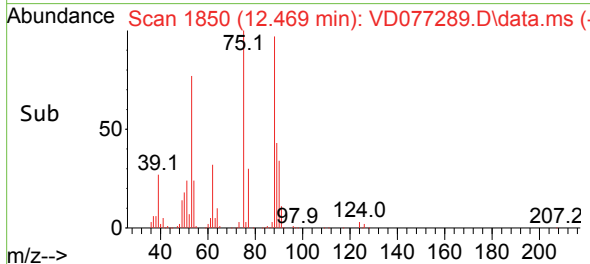
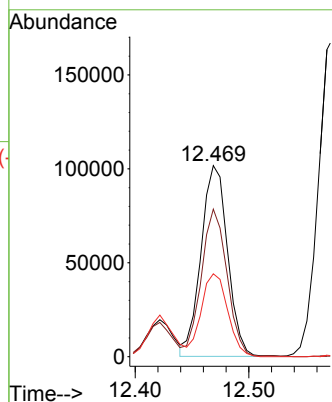
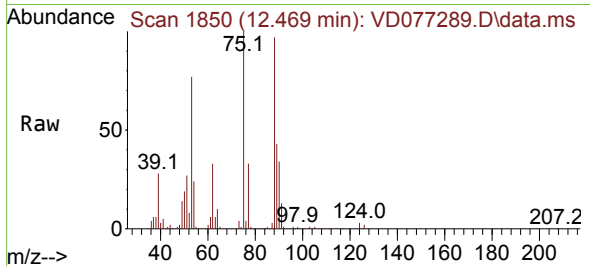




#81
trans-1,4-Dichloro-2-butene
Concen: 163.632 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

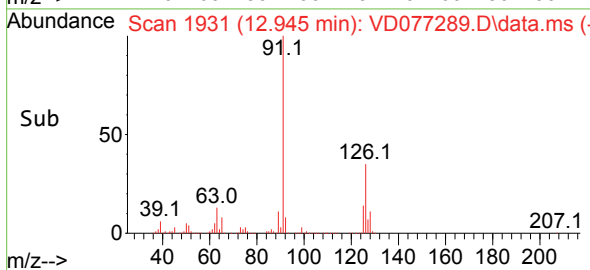
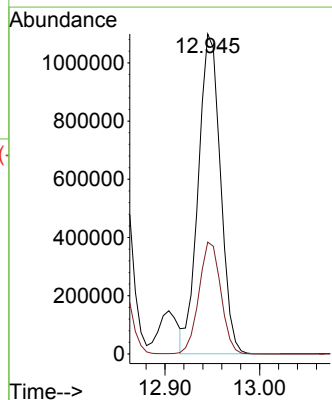
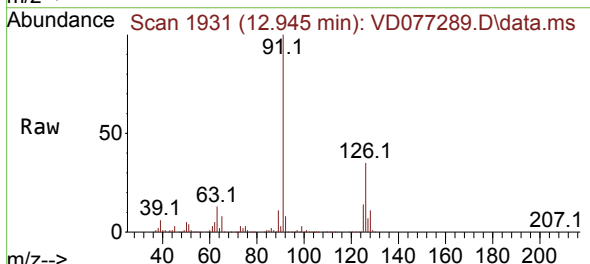
Instrument :
MSVOA_D
ClientSampleId :

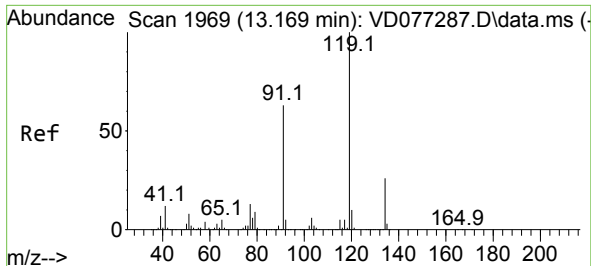
Tgt Ion: 75 Resp: 164903
Ion Ratio Lower Upper
75 100
53 74.4 63.0 94.4
89 43.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 158.441 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion: 91 Resp: 1785976
Ion Ratio Lower Upper
91 100
126 34.7 19.4 58.4



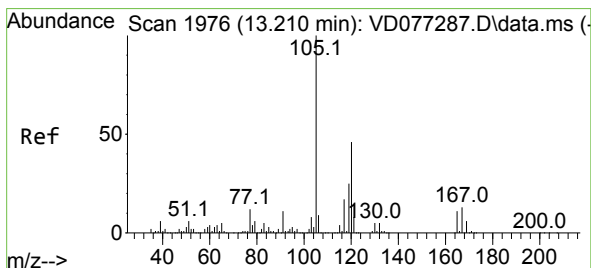
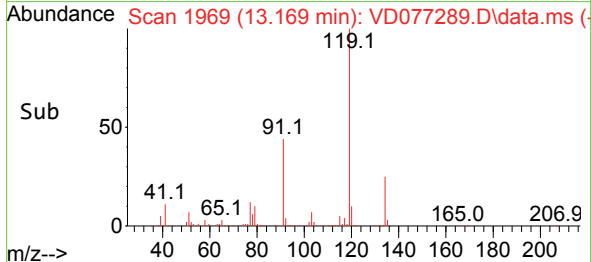
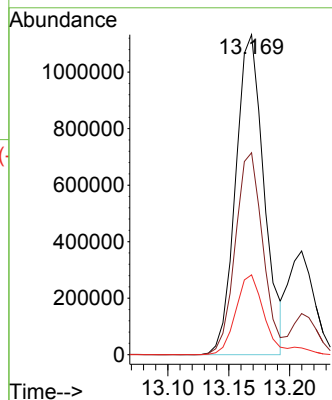
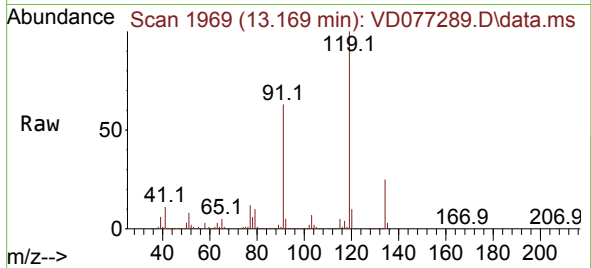


#83
 tert-Butylbenzene
 Concen: 165.422 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD077289.D
 Acq: 06 Oct 2023 14:43

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:119 Resp: 1833587

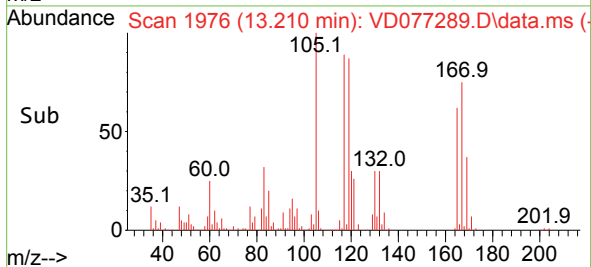
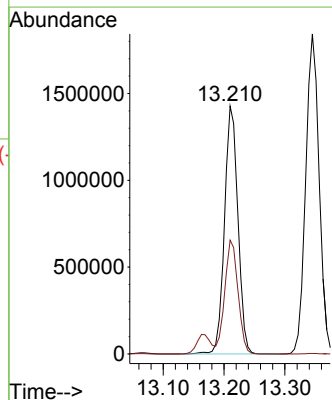
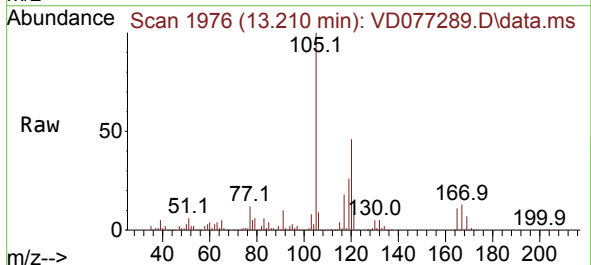
Ion	Ratio	Lower	Upper
119	100		
91	61.3	29.3	87.8
134	26.1	14.1	42.3

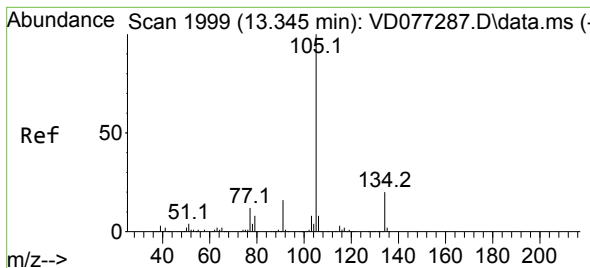


#84
 1,2,4-Trimethylbenzene
 Concen: 166.719 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD077289.D
 Acq: 06 Oct 2023 14:43

Tgt Ion:105 Resp: 2184105

Ion	Ratio	Lower	Upper
105	100		
120	45.2	24.3	72.9





#85

sec-Butylbenzene

Concen: 164.552 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

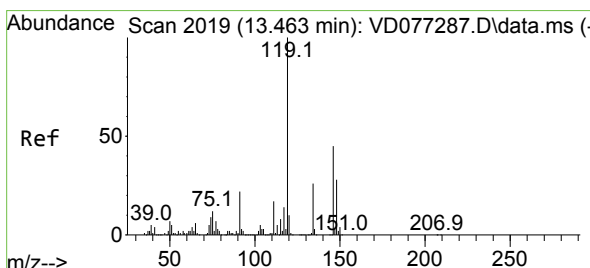
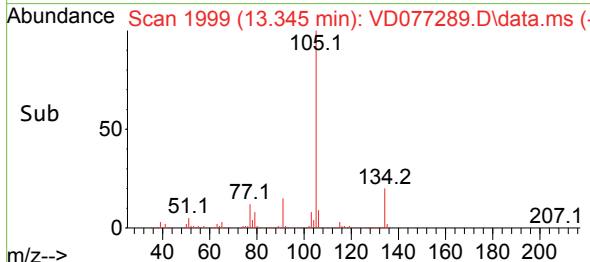
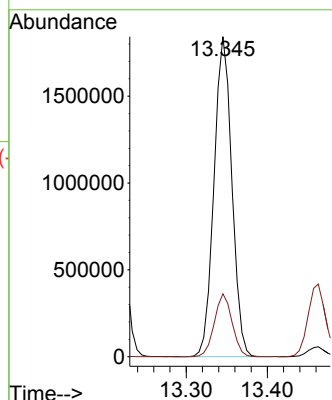
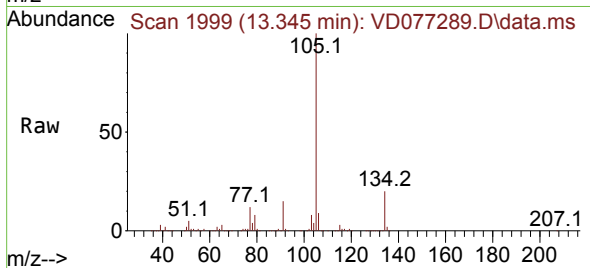
ClientSampleId :

Tgt Ion:105 Resp: 2815176

Ion Ratio Lower Upper

105 100

134 19.5 10.9 32.9



#86

p-Isopropyltoluene

Concen: 170.260 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

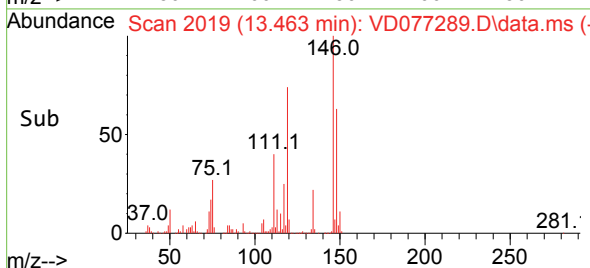
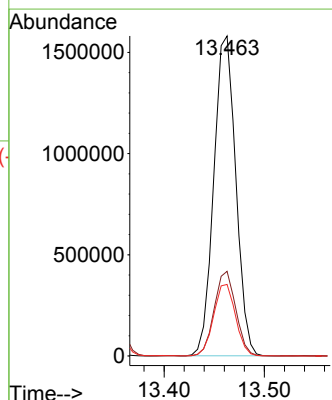
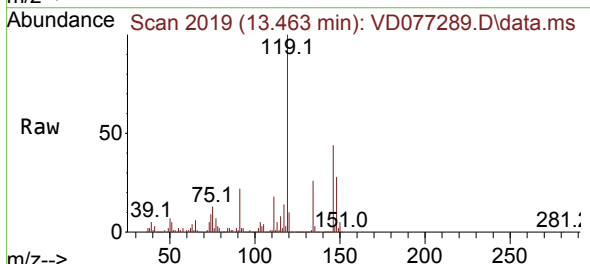
Tgt Ion:119 Resp: 2407308

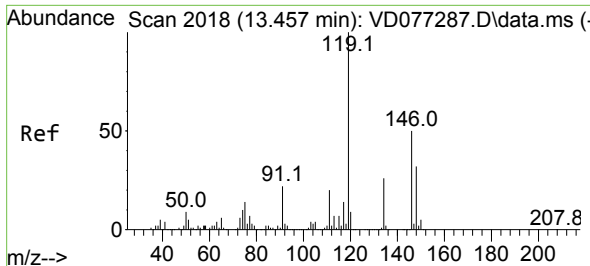
Ion Ratio Lower Upper

119 100

134 25.9 14.2 42.6

91 22.3 10.5 31.5

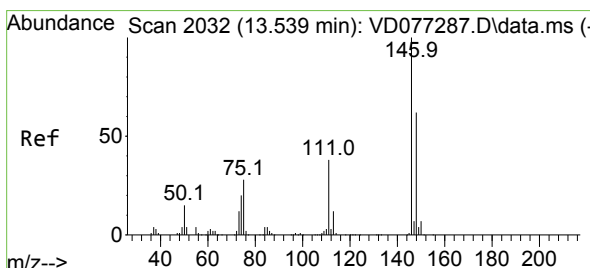
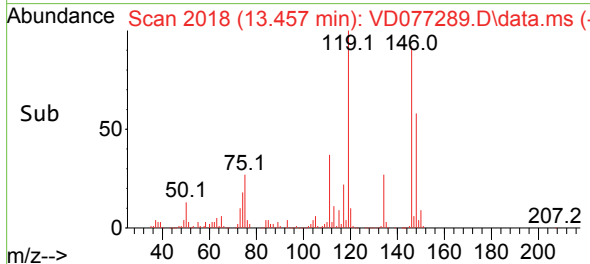
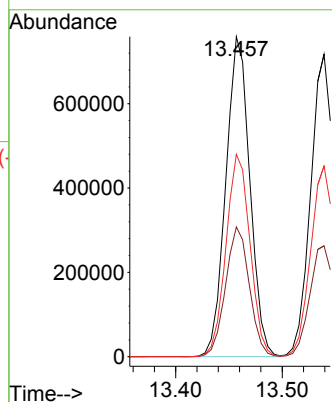
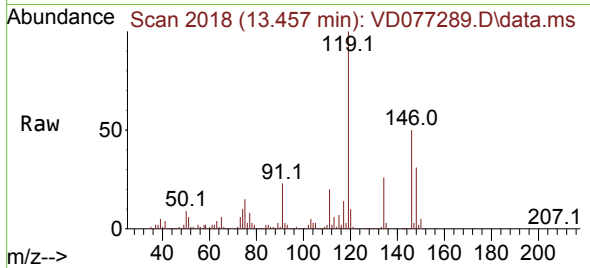




#87
1,3-Dichlorobenzene
Concen: 157.370 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

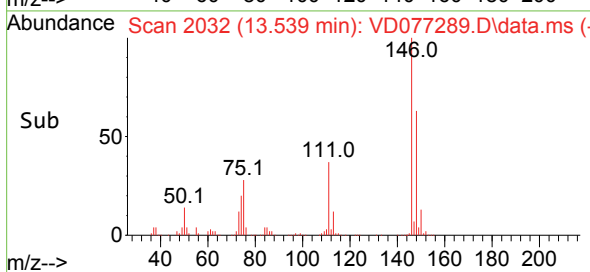
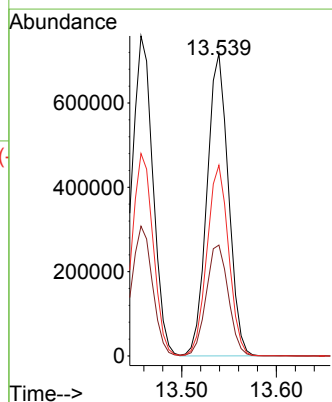
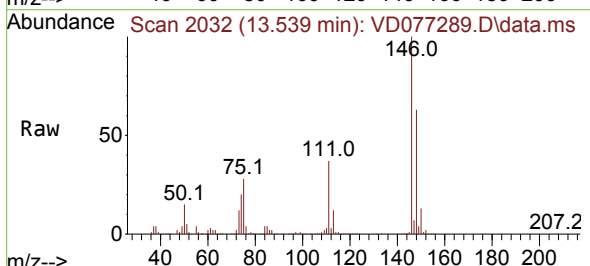
Instrument :
MSVOA_D
ClientSampleId :

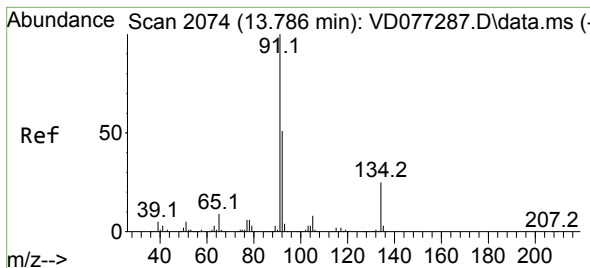
Tgt Ion:146 Resp: 1188522
Ion Ratio Lower Upper
146 100
111 40.2 17.9 53.8
148 63.4 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 151.567 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077289.D
Acq: 06 Oct 2023 14:43

Tgt Ion:146 Resp: 1128396
Ion Ratio Lower Upper
146 100
111 37.9 17.4 52.3
148 63.8 31.7 95.1





#89

n-Butylbenzene

Concen: 165.101 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

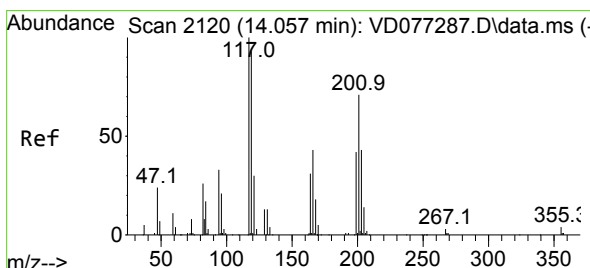
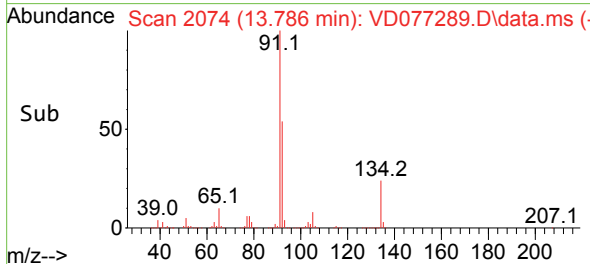
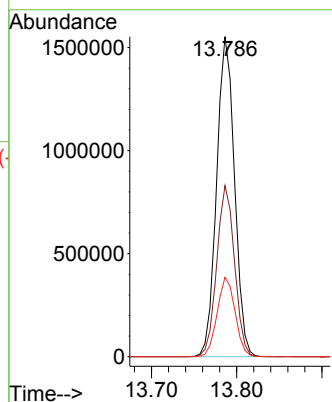
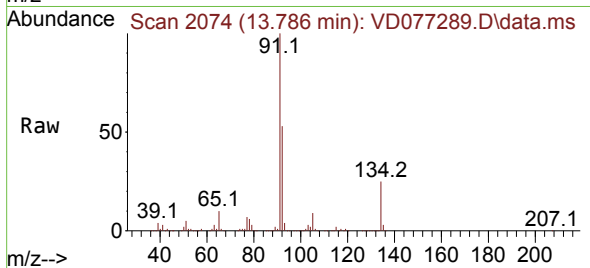
Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 91 Resp: 2267122

Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.5	79.5
134	24.9	13.8	41.3



#90

Hexachloroethane

Concen: 155.837 ug/l

RT: 14.051 min Scan# 2119

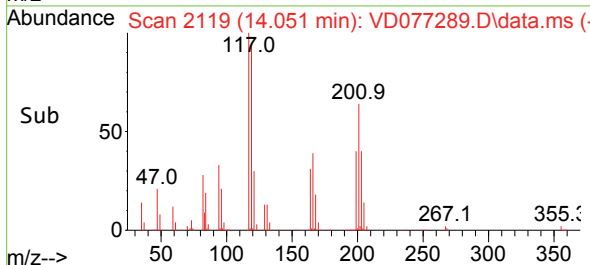
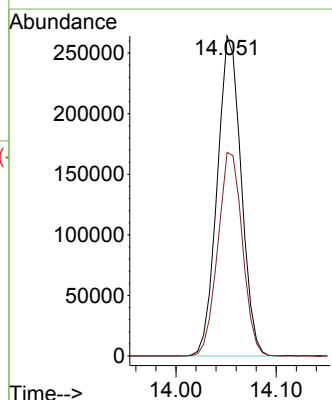
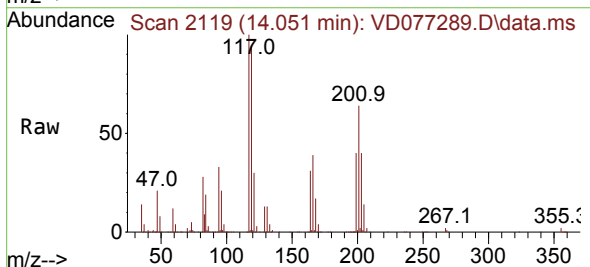
Delta R.T. -0.006 min

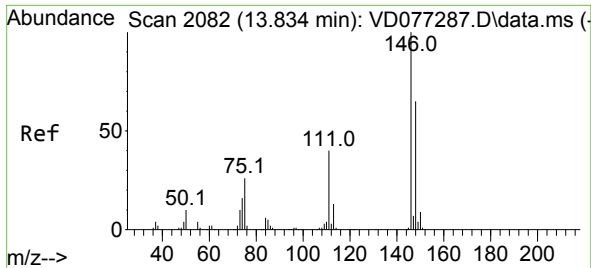
Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Tgt Ion: 117 Resp: 437038

Ion	Ratio	Lower	Upper
117	100		
201	65.5	38.5	115.5





#91

1,2-Dichlorobenzene

Concen: 154.254 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.000 min

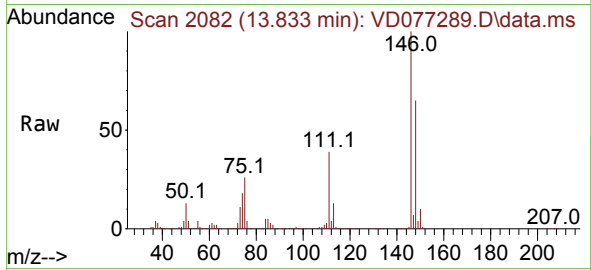
Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

ClientSampleId :



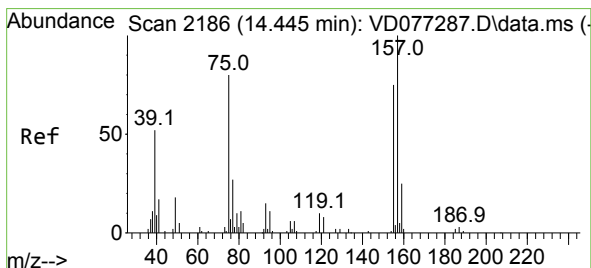
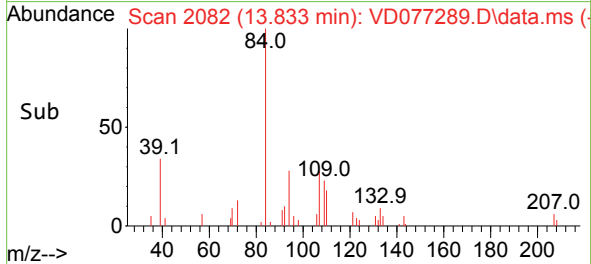
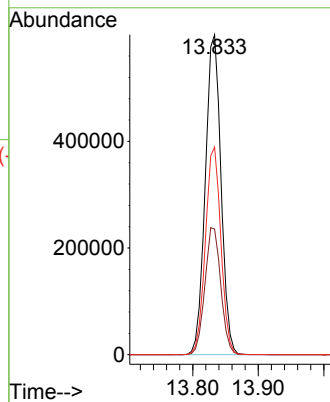
Tgt Ion:146 Resp: 998735

Ion Ratio Lower Upper

146 100

111 40.3 18.3 54.8

148 64.2 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 160.712 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

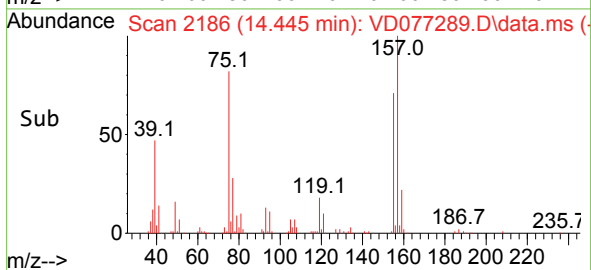
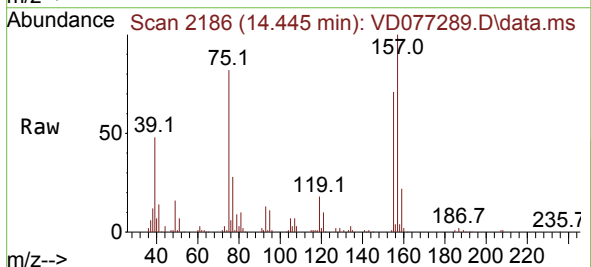
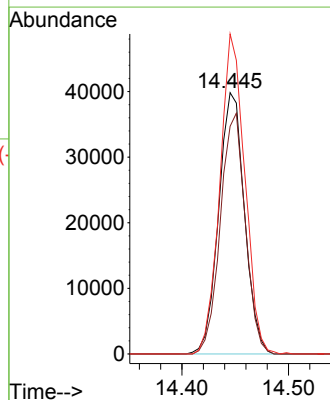
Tgt Ion: 75 Resp: 66853

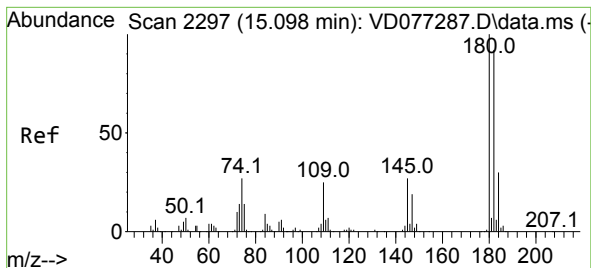
Ion Ratio Lower Upper

75 100

155 88.9 47.9 143.8

157 118.6 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 163.828 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

ClientSampleId :

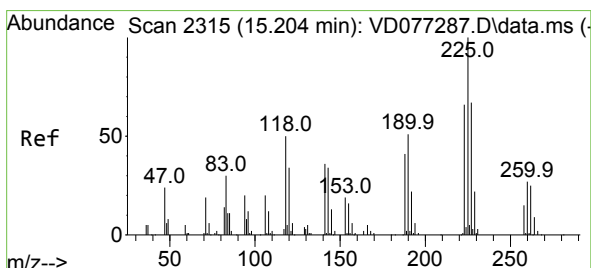
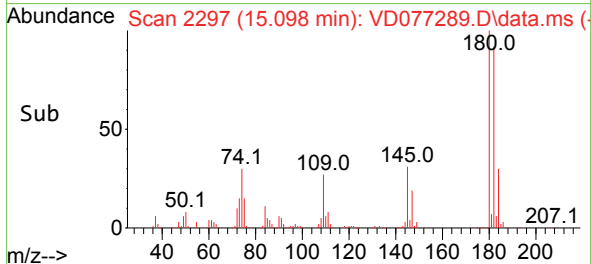
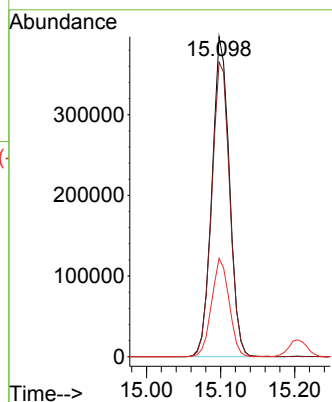
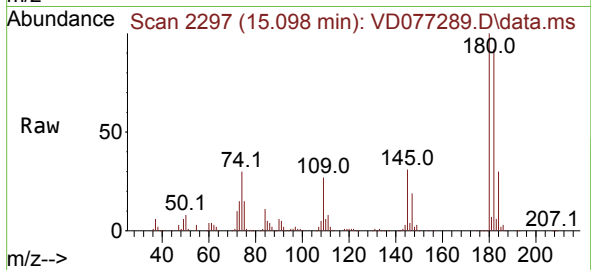
Tgt Ion:180 Resp: 647538

Ion Ratio Lower Upper

180 100

182 95.2 48.5 145.6

145 30.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 159.369 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

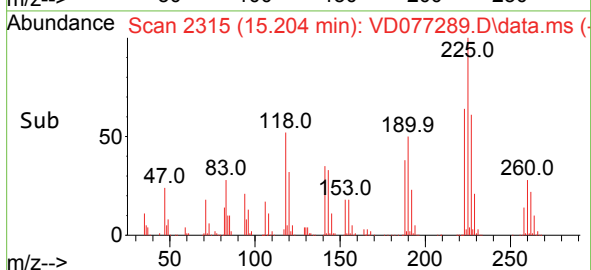
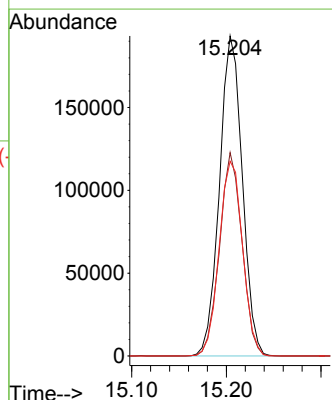
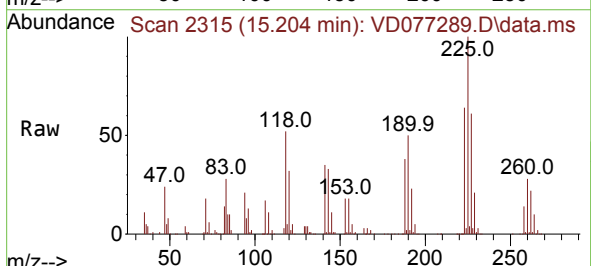
Tgt Ion:225 Resp: 323725

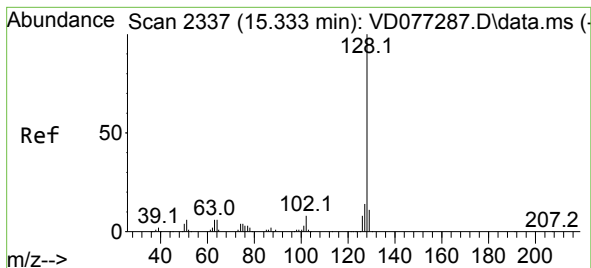
Ion Ratio Lower Upper

225 100

223 62.5 31.6 94.8

227 62.5 31.7 95.1





#95

Naphthalene

Concen: 176.182 ug/l

RT: 15.333 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Instrument :

MSVOA_D

ClientSampleId :

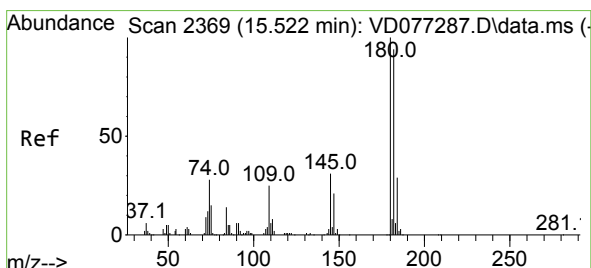
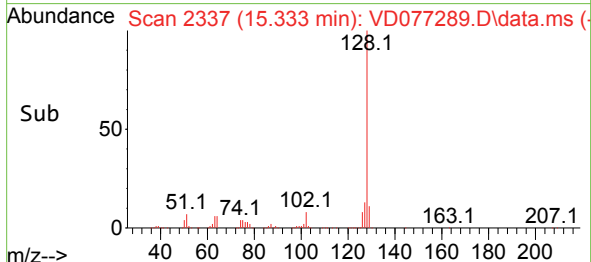
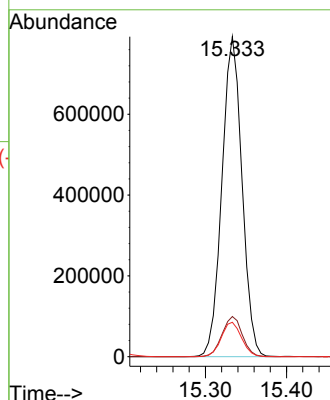
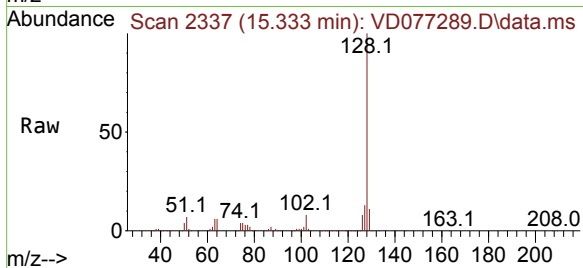
Tgt Ion:128 Resp: 1362238

Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 165.095 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD077289.D

Acq: 06 Oct 2023 14:43

Tgt Ion:180 Resp: 570820

Ion Ratio Lower Upper

180 100

182 93.9 47.3 141.9

145 32.3 15.1 45.3

