

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100623\
 Data File : VD077287.D
 Acq On : 06 Oct 2023 13:09
 Operator : JC/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 09 09:36:10 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	192071	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	322180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	305595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	161404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	127788	52.681	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.360%	
35) Dibromofluoromethane	7.804	113	144707	52.052	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.100%	
50) Toluene-d8	10.269	98	549299	54.845	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.680%	
62) 4-Bromofluorobenzene	12.575	95	164687	51.708	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.420%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	117833	45.749	ug/l	96
3) Chloromethane	2.146	50	192217	47.048	ug/l	99
4) Vinyl Chloride	2.281	62	244279	49.445	ug/l	99
5) Bromomethane	2.687	94	166739	47.065	ug/l	98
6) Chloroethane	2.834	64	159401	50.140	ug/l	97
7) Trichlorofluoromethane	3.169	101	246727	47.836	ug/l	100
8) Diethyl Ether	3.593	74	75893	49.057	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.963	101	152439	48.113	ug/l	97
10) Methyl Iodide	4.163	142	208306	52.387	ug/l	92
11) Tert butyl alcohol	5.058	59	40551	229.607	ug/l	98
12) 1,1-Dichloroethene	3.940	96	150192	48.585	ug/l	88
13) Acrolein	3.793	56	67863	241.145	ug/l	99
14) Allyl chloride	4.563	41	201852	49.128	ug/l	91
15) Acrylonitrile	5.257	53	178863	249.077	ug/l	99
16) Acetone	4.016	43	160150	242.668	ug/l	91
17) Carbon Disulfide	4.263	76	497058	48.246	ug/l	98
18) Methyl Acetate	4.563	43	126020	48.248	ug/l	91
19) Methyl tert-butyl Ether	5.316	73	335485	50.289	ug/l	99
20) Methylene Chloride	4.799	84	213872	52.022	ug/l	# 82
21) trans-1,2-Dichloroethene	5.305	96	182284	49.399	ug/l	94
22) Diisopropyl ether	6.210	45	451959	50.685	ug/l	# 93
23) Vinyl Acetate	6.152	43	1106208	300.501	ug/l	93
24) 1,1-Dichloroethane	6.116	63	301366	48.682	ug/l	96
25) 2-Butanone	7.081	43	220391	246.707	ug/l	# 82
26) 2,2-Dichloropropane	7.075	77	254030	48.604	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	201263	49.532	ug/l	94
28) Bromochloromethane	7.428	49	122020	50.482	ug/l	# 78
29) Tetrahydrofuran	7.446	42	128479	250.779	ug/l	89
30) Chloroform	7.593	83	315145	49.115	ug/l	93
31) Cyclohexane	7.875	56	241540	48.086	ug/l	85
32) 1,1,1-Trichloroethane	7.787	97	265834	49.258	ug/l	99
36) 1,1-Dichloropropene	8.004	75	237346	50.656	ug/l	96
37) Ethyl Acetate	7.169	43	92150	48.989	ug/l	95
38) Carbon Tetrachloride	7.993	117	218002	49.941	ug/l	97
39) Methylcyclohexane	9.275	83	270635	49.733	ug/l	94
40) Benzene	8.251	78	728799	51.300	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	56925	54.009	ug/l	# 86
42) 1,2-Dichloroethane	8.328	62	169122	50.054	ug/l	97
43) Isopropyl Acetate	8.363	43	172071	49.809	ug/l	92
44) Trichloroethene	9.028	130	180042	49.922	ug/l	89
45) 1,2-Dichloropropane	9.304	63	175895	49.510	ug/l	96
46) Dibromomethane	9.393	93	97451	50.777	ug/l	91
47) Bromodichloromethane	9.587	83	233226	50.398	ug/l	100
48) Methyl methacrylate	9.381	41	82693	52.328	ug/l	# 81
49) 1,4-Dioxane	9.387	88	20019	992.608	ug/l	88
51) 4-Methyl-2-Pentanone	10.157	43	460460	255.981	ug/l	92
52) Toluene	10.334	92	450520	51.070	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	220921	50.446	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	271454	50.584	ug/l	# 93
55) 1,1,2-Trichloroethane	10.734	97	130899	49.783	ug/l	91
56) Ethyl methacrylate	10.598	69	154307	52.245	ug/l	92
57) 1,3-Dichloropropane	10.881	76	220532	50.464	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	357324	252.241	ug/l	94
59) 2-Hexanone	10.922	43	330069	256.382	ug/l	89
60) Dibromochloromethane	11.075	129	152074	49.799	ug/l	92
61) 1,2-Dibromoethane	11.181	107	125767	51.445	ug/l	99
64) Tetrachloroethene	10.810	164	148295	50.844	ug/l	92
65) Chlorobenzene	11.610	112	459070	50.168	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	166595	51.352	ug/l	95
67) Ethyl Benzene	11.681	91	852621	51.715	ug/l	97
68) m/p-Xylenes	11.792	106	670407	104.771	ug/l	90
69) o-Xylene	12.122	106	312612	53.065	ug/l	94
70) Styrene	12.134	104	543413	53.619	ug/l	97
71) Bromoform	12.298	173	91369	53.258	ug/l	# 98
73) Isopropylbenzene	12.422	105	798408	51.113	ug/l	96
74) N-amyl acetate	12.234	43	163416	50.912	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	151102	48.563	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	184542	86.734	ug/l	# 100
77) Bromobenzene	12.698	156	181898	51.130	ug/l	86
78) n-propylbenzene	12.763	91	1015803	52.076	ug/l	95
79) 2-Chlorotoluene	12.851	91	532895	50.716	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	672706	52.293	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	50084	50.380	ug/l	98
82) 4-Chlorotoluene	12.945	91	569056	51.176	ug/l	93
83) tert-Butylbenzene	13.169	119	565979	51.762	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	682110	52.782	ug/l	95
85) sec-Butylbenzene	13.345	105	870239	51.565	ug/l	95
86) p-Isopropyltoluene	13.463	119	729310	52.290	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	377040	50.609	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	369743	50.346	ug/l	98
89) n-Butylbenzene	13.786	91	705610	52.091	ug/l	97
90) Hexachloroethane	14.057	117	137522	49.710	ug/l	89
91) 1,2-Dichlorobenzene	13.834	146	325471	50.959	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	19699	48.006	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	194210	49.810	ug/l	99
94) Hexachlorobutadiene	15.204	225	99694	49.753	ug/l	99
95) Naphthalene	15.333	128	384609	50.426	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	173377	50.833	ug/l	99

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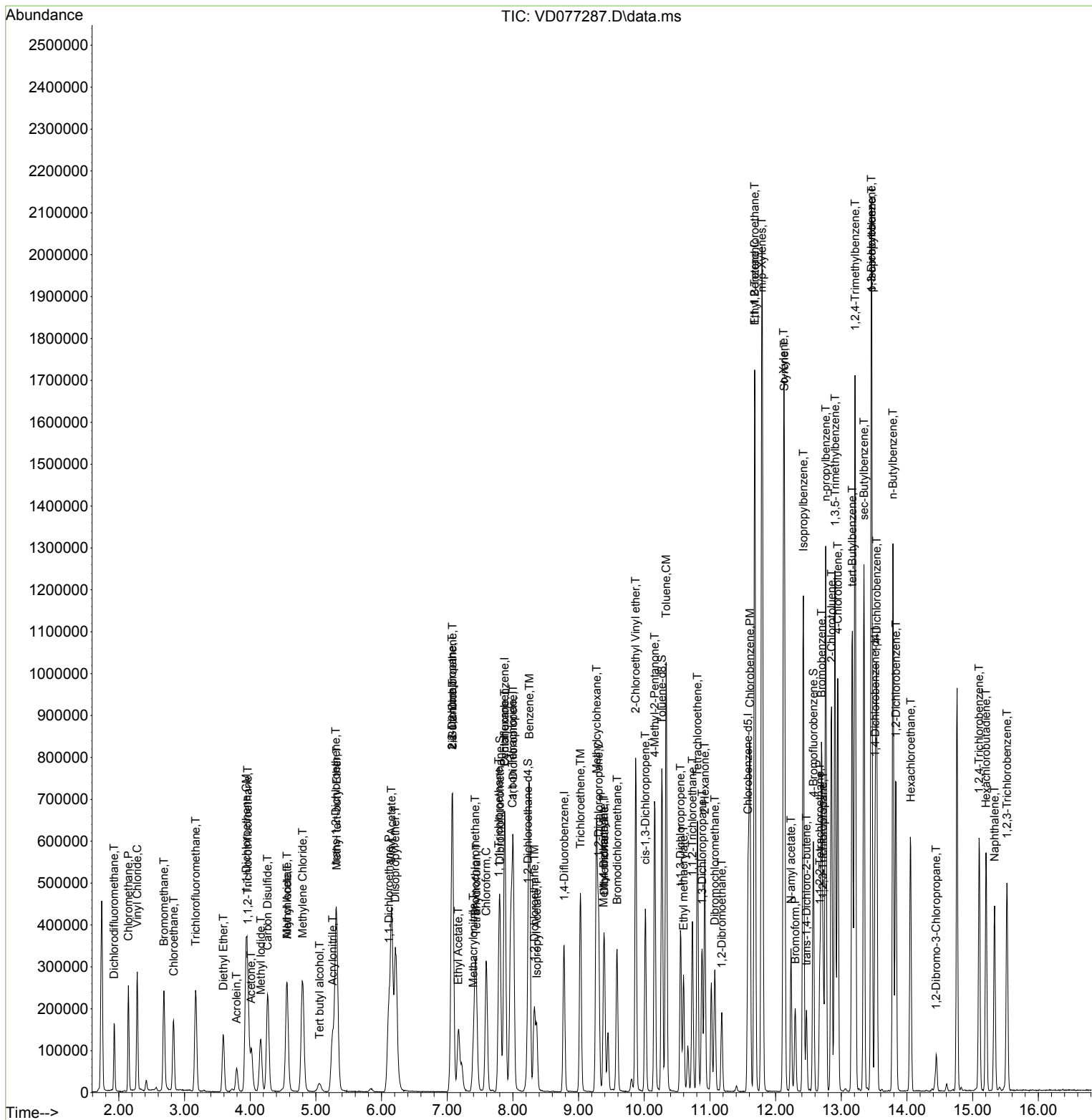
Instrument :
MSVOA_D
ClientSampleId :

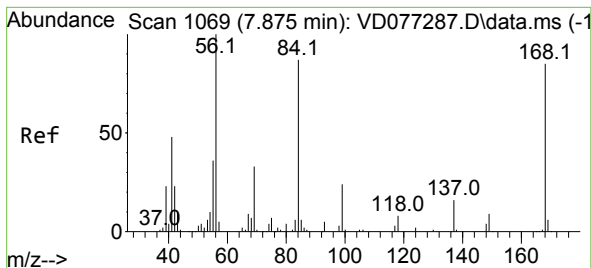
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

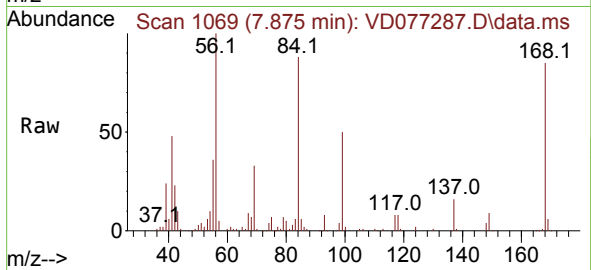
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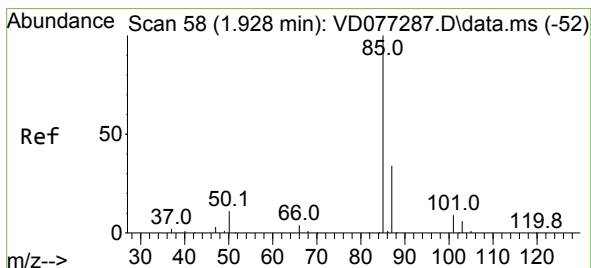
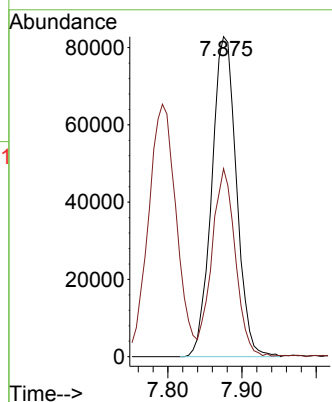
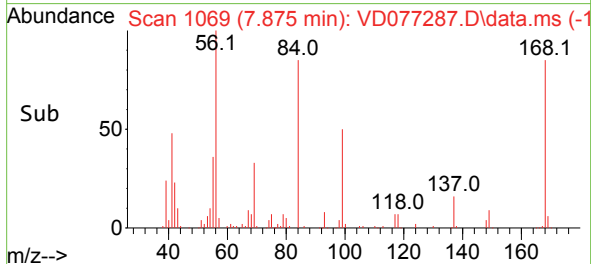


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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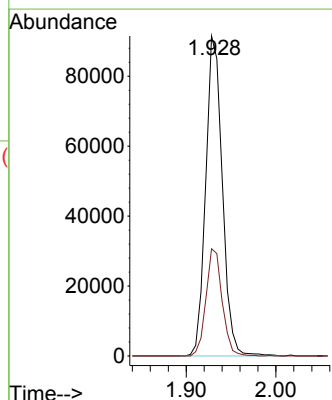
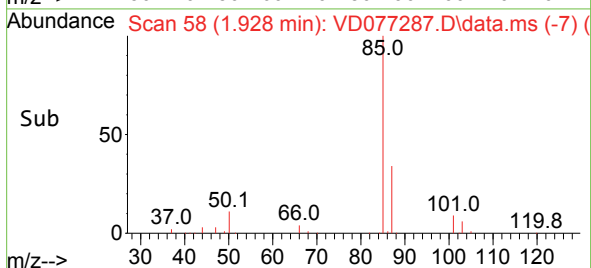
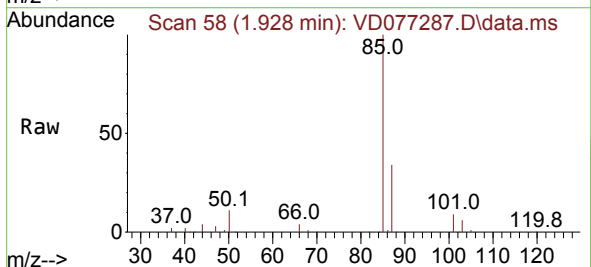


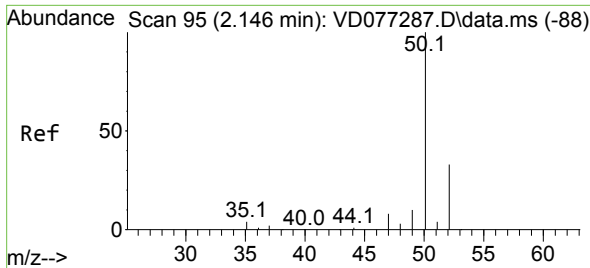
Tgt Ion:168 Resp: 192071
Ion Ratio Lower Upper
168 100
99 58.3 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 45.749 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

Tgt Ion: 85 Resp: 117833
Ion Ratio Lower Upper
85 100
87 33.5 15.7 47.0

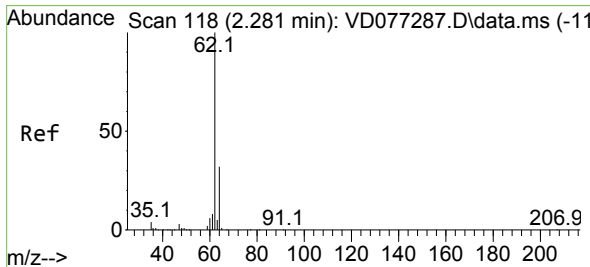
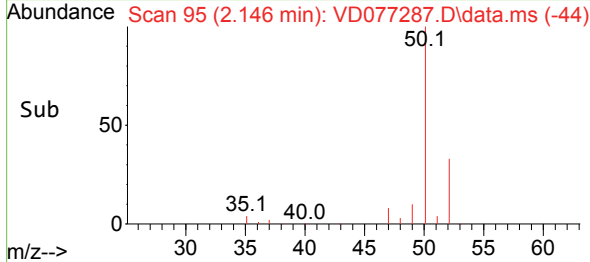
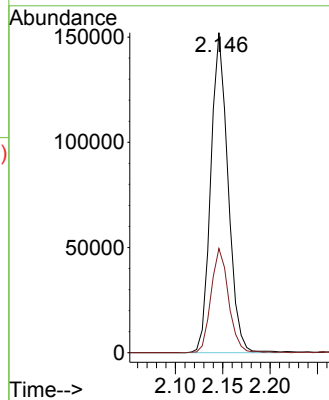
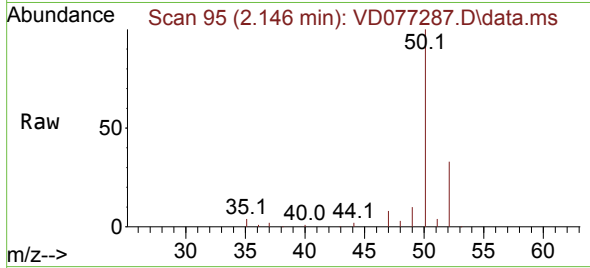




#3
Chloromethane
Concen: 47.048 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

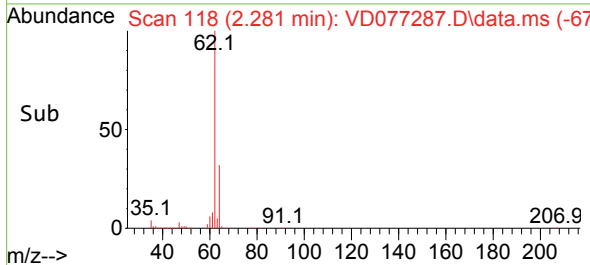
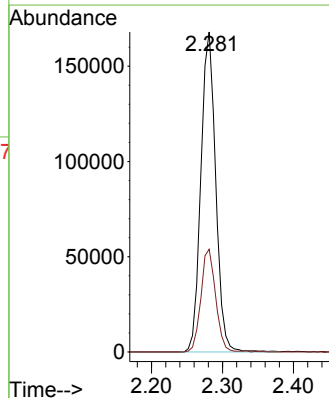
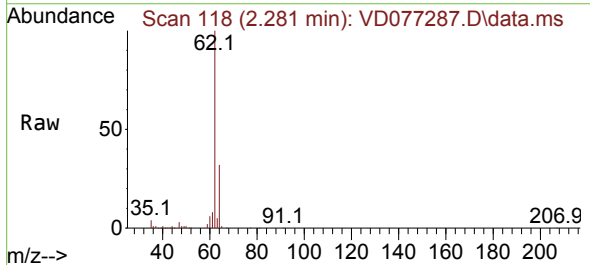
Instrument :
MSVOA_D
ClientSampleId :

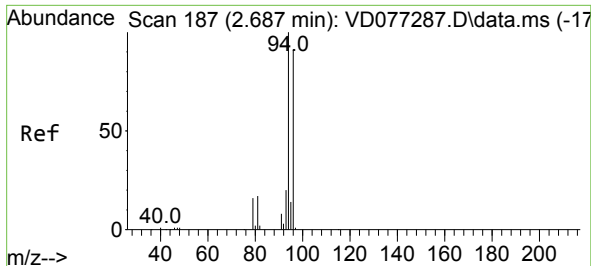
Tgt Ion: 50 Resp: 192217
Ion Ratio Lower Upper
50 100
52 32.6 26.6 40.0



#4
Vinyl Chloride
Concen: 49.445 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

Tgt Ion: 62 Resp: 244279
Ion Ratio Lower Upper
62 100
64 32.1 26.0 39.0

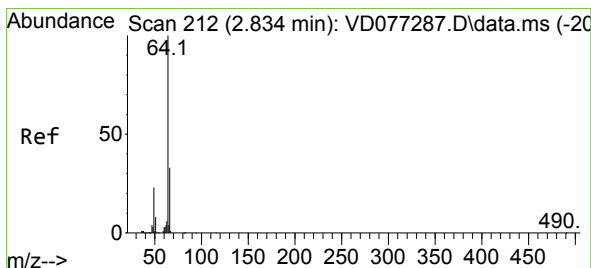
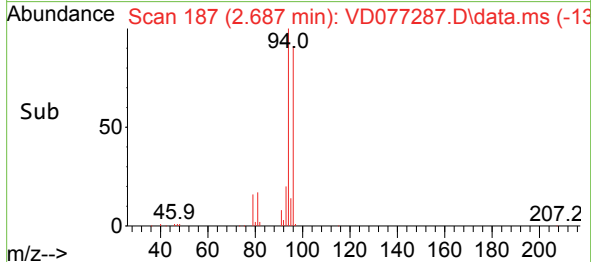
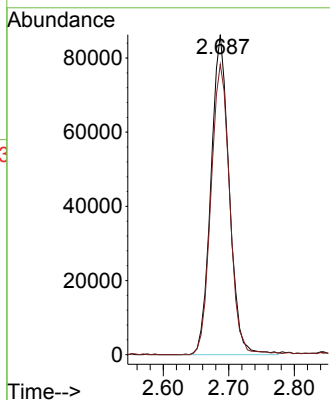
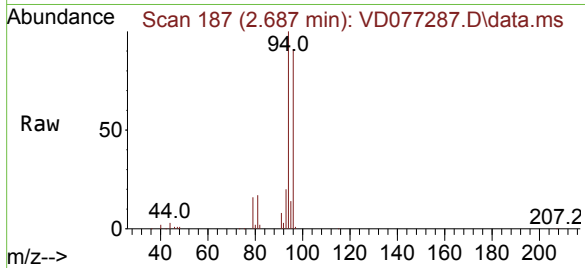




#5
Bromomethane
Concen: 47.065 ug/l
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

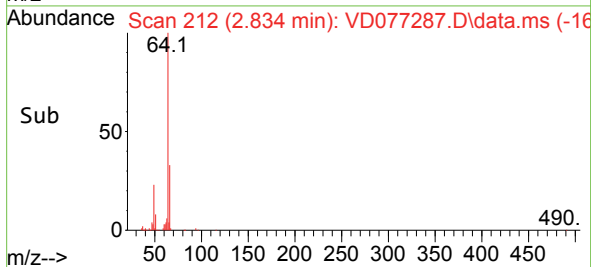
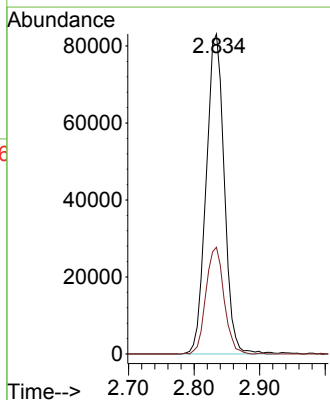
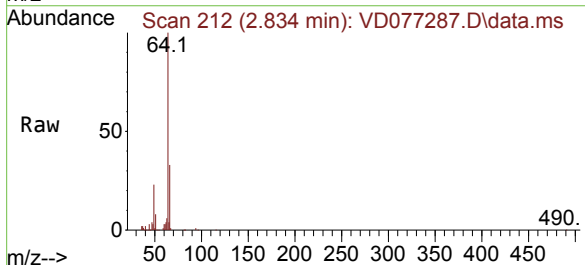
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ClientSampleId :

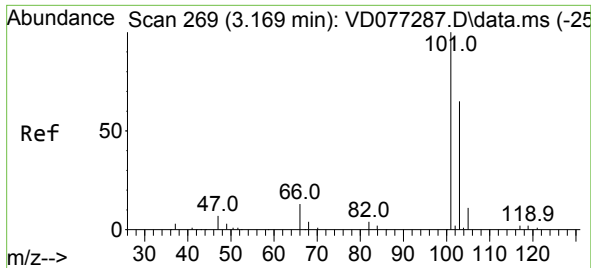
Tgt Ion: 94 Resp: 166739
Ion Ratio Lower Upper
94 100
96 93.1 75.8 113.8



#6
Chloroethane
Concen: 50.140 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

Tgt Ion: 64 Resp: 159401
Ion Ratio Lower Upper
64 100
66 33.4 25.5 38.3

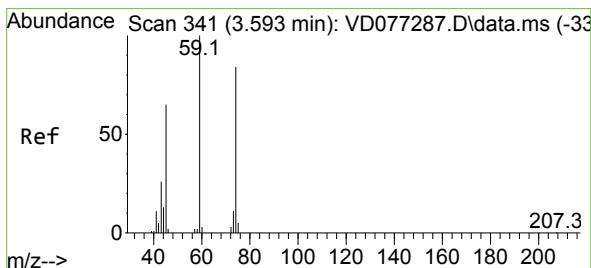
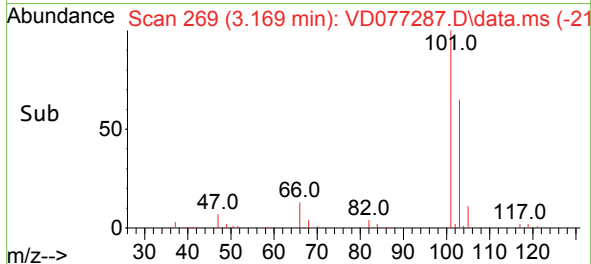
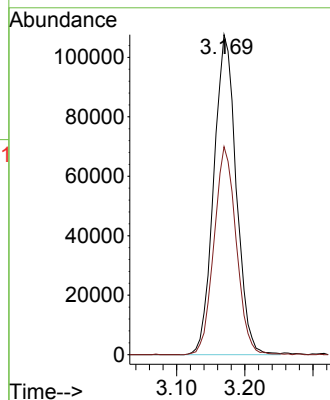
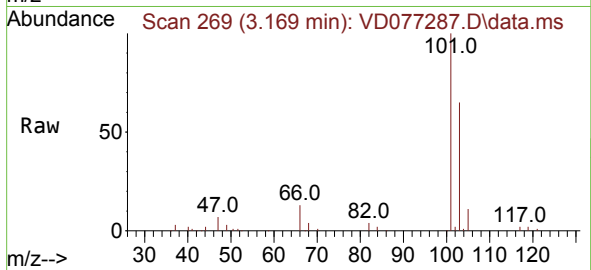




#7
 Trichlorofluoromethane
 Concen: 47.836 ug/l
 RT: 3.169 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: VD077287.D
 Acq: 06 Oct 2023 13:09

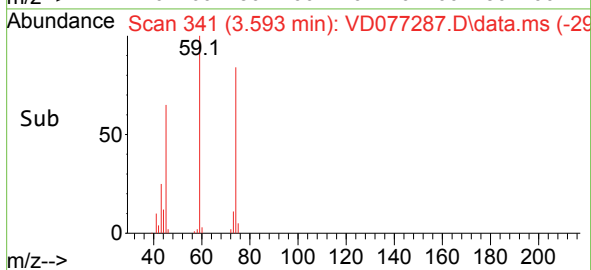
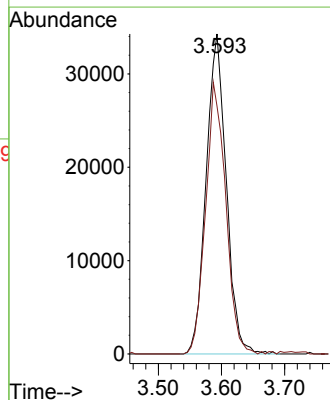
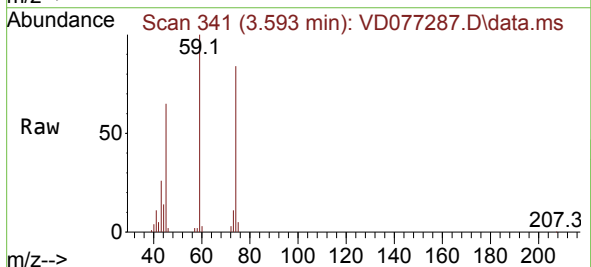
Instrument :
 MSVOA_D
 ClientSampleId :

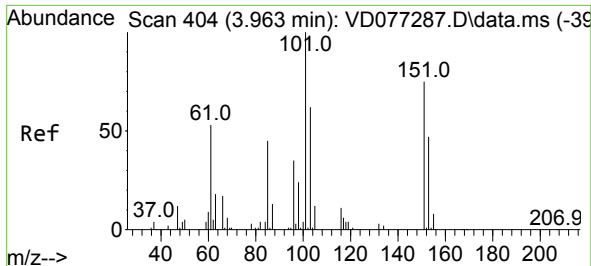
Tgt Ion:101 Resp: 246727
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.3 78.5



#8
 Diethyl Ether
 Concen: 49.057 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD077287.D
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Tgt Ion: 74 Resp: 75893
 Ion Ratio Lower Upper
 74 100
 45 84.9 37.5 112.7

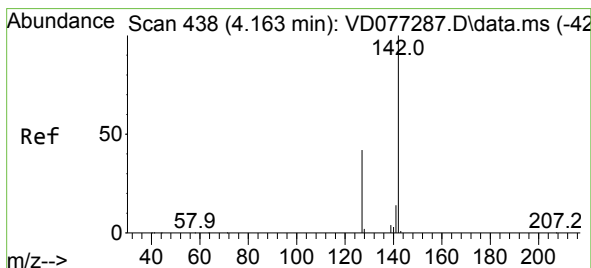
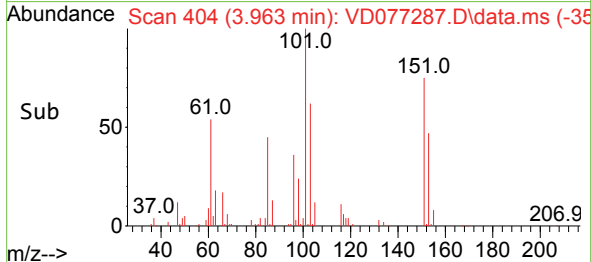
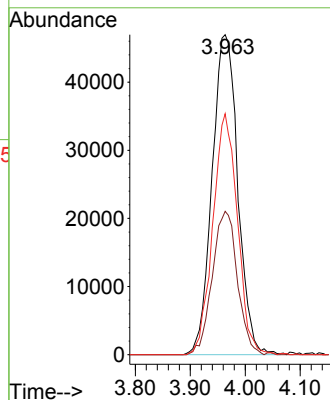
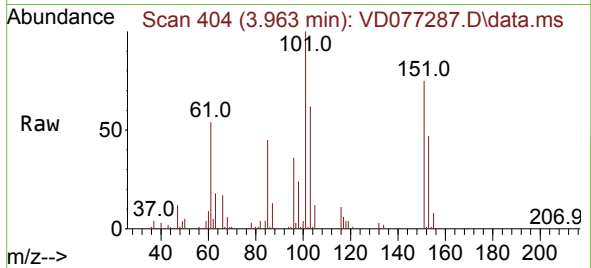




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.113 ug/l
RT: 3.963 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

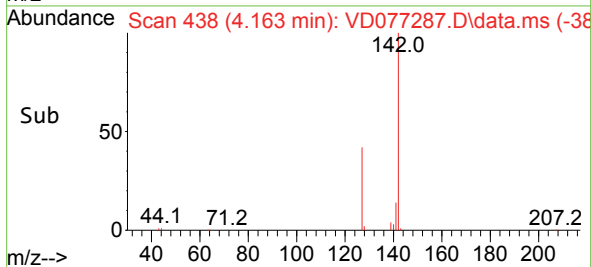
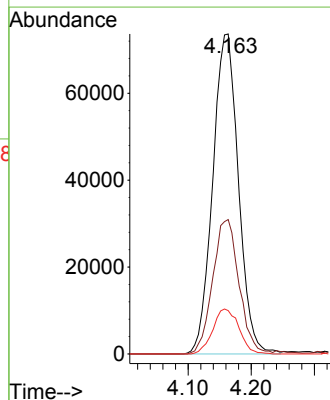
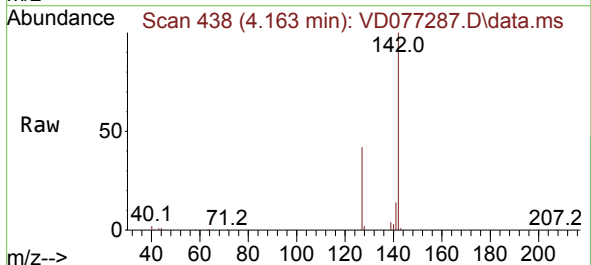
Instrument :
MSVOA_D
ClientSampleId :

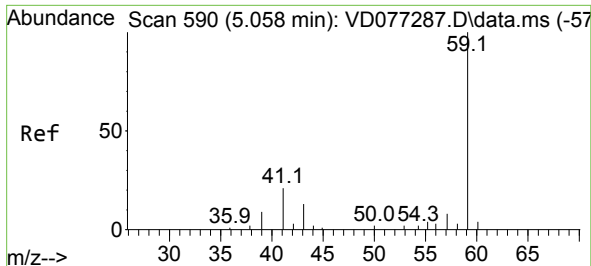
Tgt Ion:101 Resp: 152439
Ion Ratio Lower Upper
101 100
85 43.7 33.8 50.6
151 72.0 59.8 89.6



#10
Methyl Iodide
Concen: 52.387 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

Tgt Ion:142 Resp: 208306
Ion Ratio Lower Upper
142 100
127 43.0 29.4 44.0
141 14.3 11.1 16.7

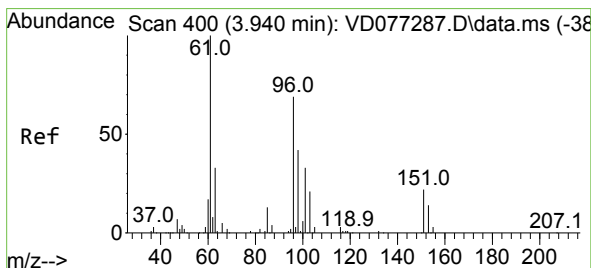
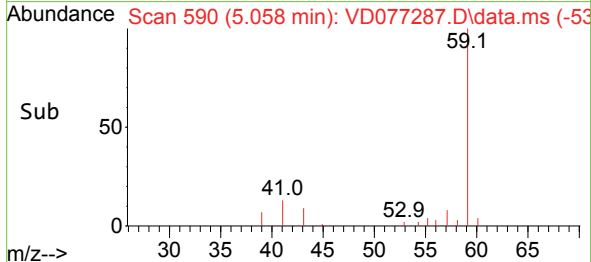
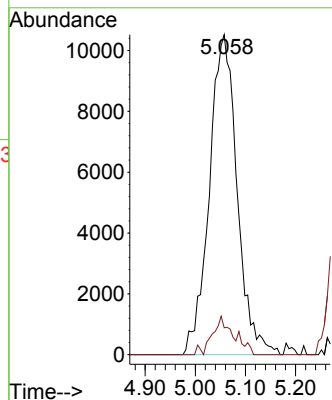
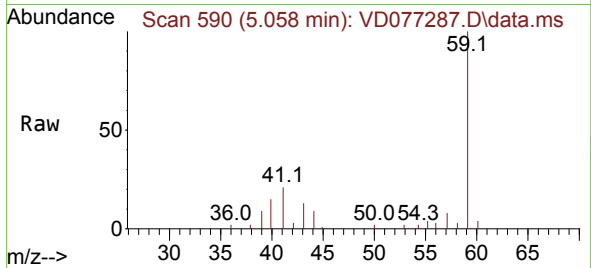




#11
Tert butyl alcohol
Concen: 229.607 ug/l
RT: 5.058 min Scan# 590
Delta R.T. -0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

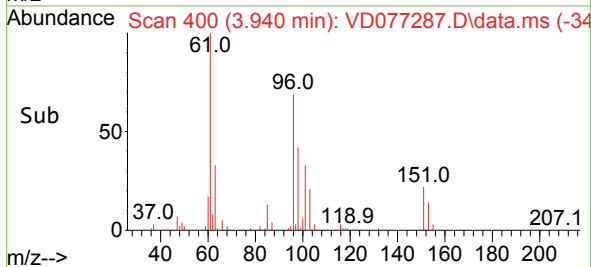
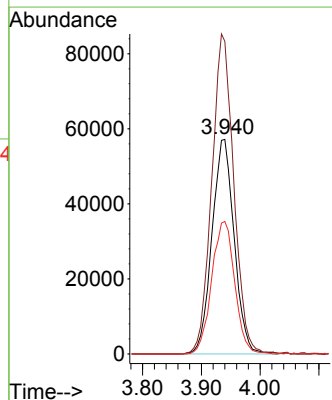
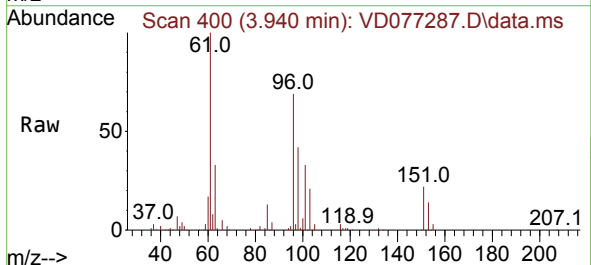
Instrument :
MSVOA_D
ClientSampleId :

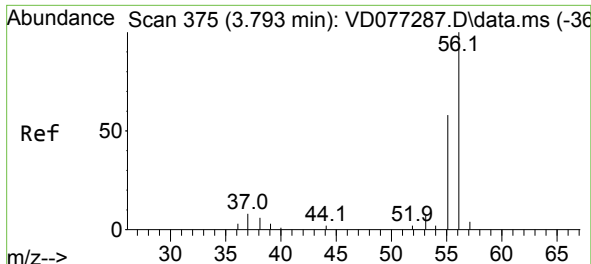
Tgt Ion: 59 Resp: 40551
Ion Ratio Lower Upper
59 100
57 8.9 7.8 11.8



#12
1,1-Dichloroethene
Concen: 48.585 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

Tgt Ion: 96 Resp: 150192
Ion Ratio Lower Upper
96 100
61 145.7 100.6 150.8
98 61.7 50.2 75.2





#13

Acrolein

Concen: 241.145 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

Instrument :

MSVOA_D

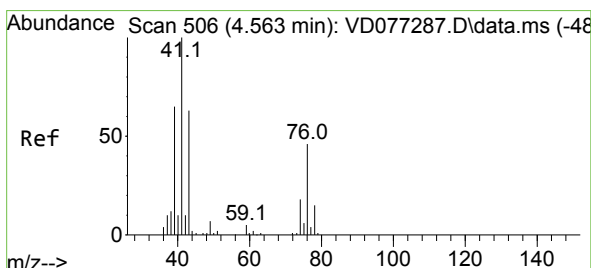
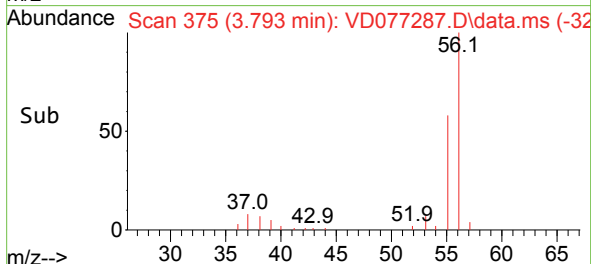
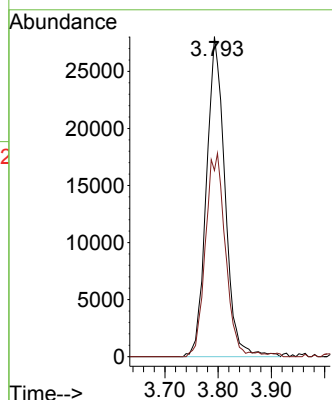
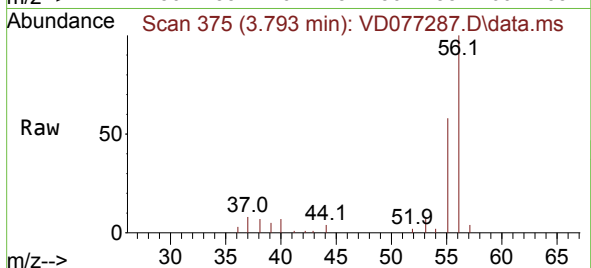
ClientSampleId :

Tgt Ion: 56 Resp: 67863

Ion Ratio Lower Upper

56 100

55 67.9 55.1 82.7



#14

Allyl chloride

Concen: 49.128 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

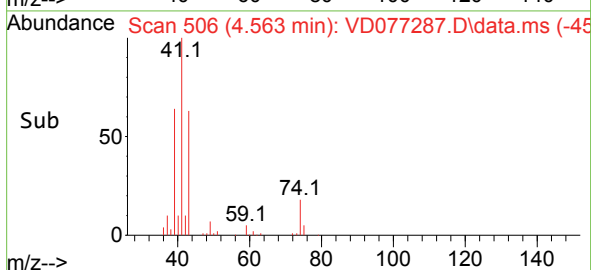
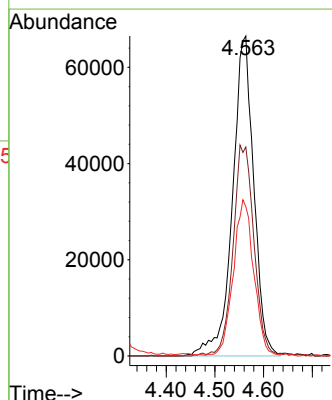
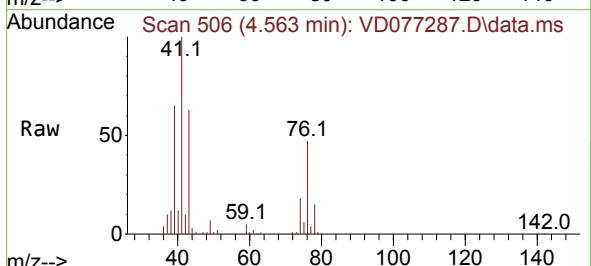
Tgt Ion: 41 Resp: 201852

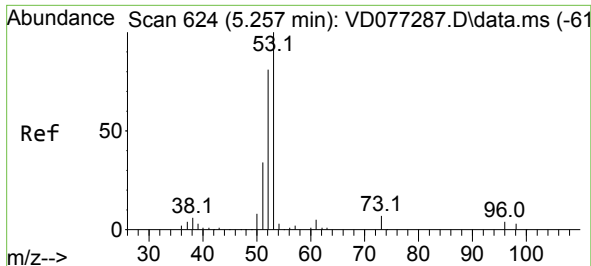
Ion Ratio Lower Upper

41 100

39 63.5 53.8 80.6

76 46.2 45.8 68.8

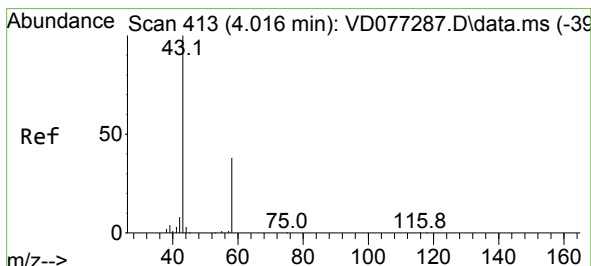
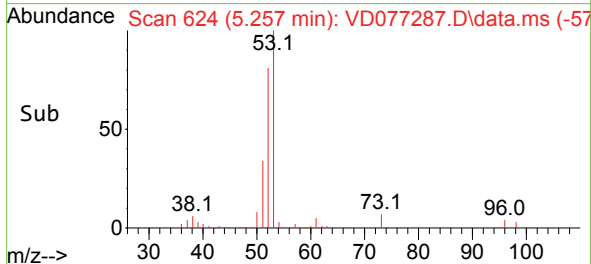
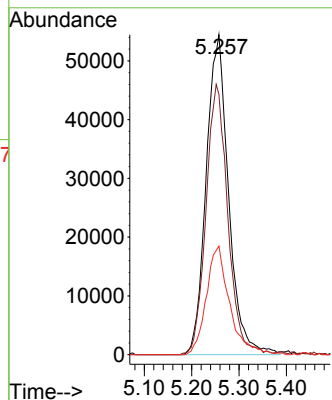
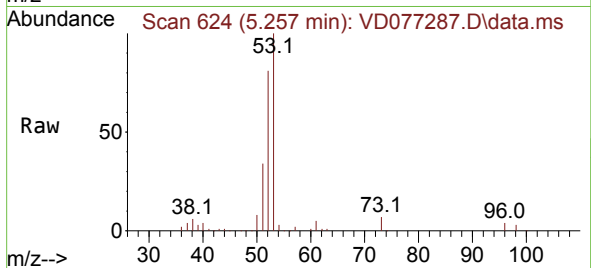




#15
Acrylonitrile
Concen: 249.077 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

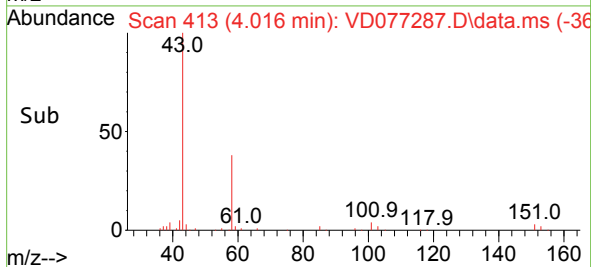
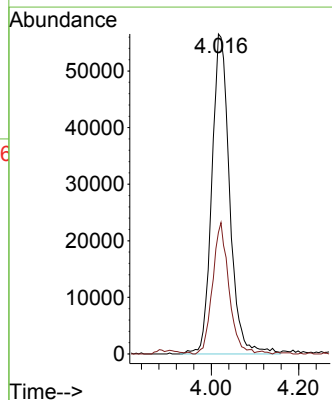
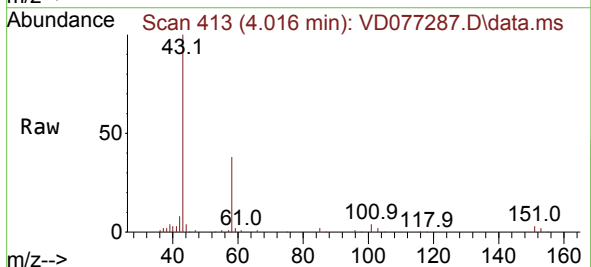
Instrument :
MSVOA_D
ClientSampleId :

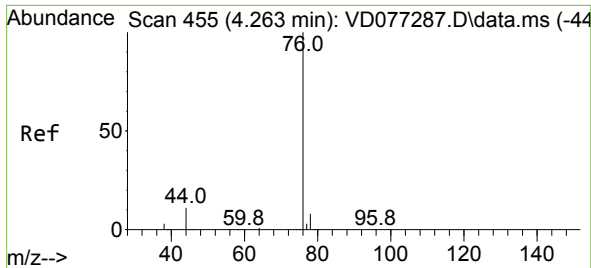
Tgt Ion: 53 Resp: 178863
Ion Ratio Lower Upper
53 100
52 82.3 65.0 97.4
51 35.3 28.3 42.5



#16
Acetone
Concen: 242.668 ug/l
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

Tgt Ion: 43 Resp: 160150
Ion Ratio Lower Upper
43 100
58 37.7 34.7 52.1

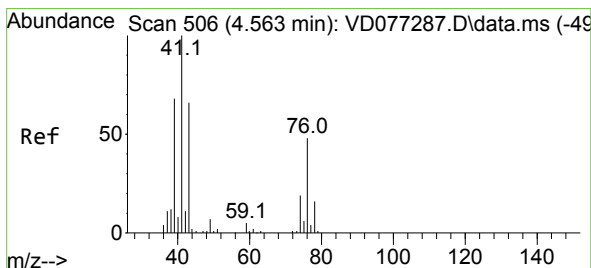
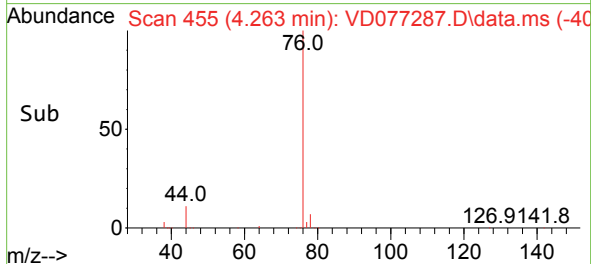
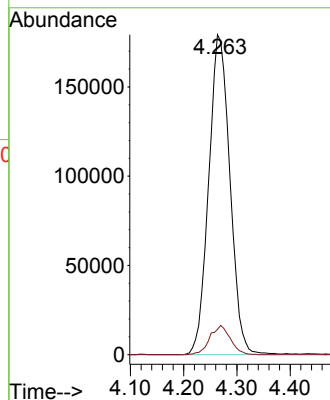
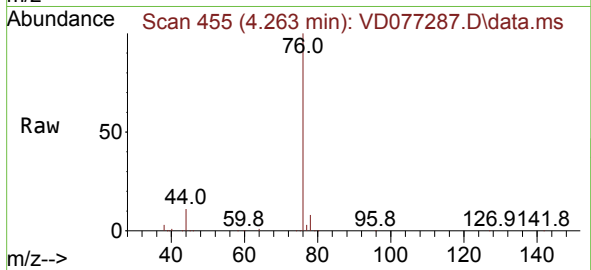




#17
Carbon Disulfide
Concen: 48.246 ug/l
RT: 4.263 min Scan# 455
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

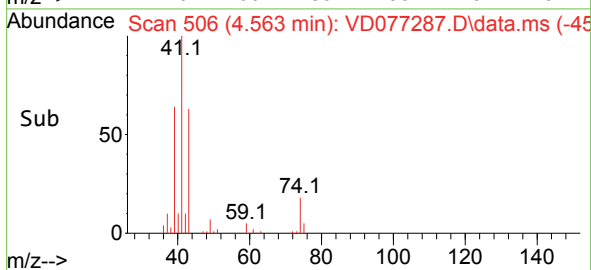
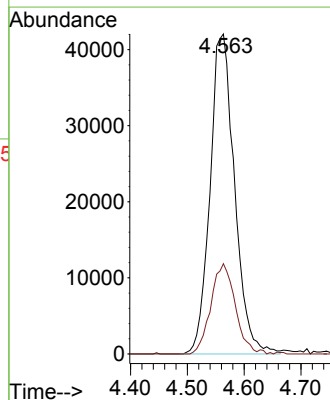
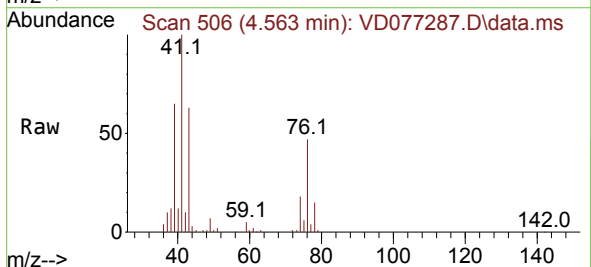
Instrument :
MSVOA_D
ClientSampleId :

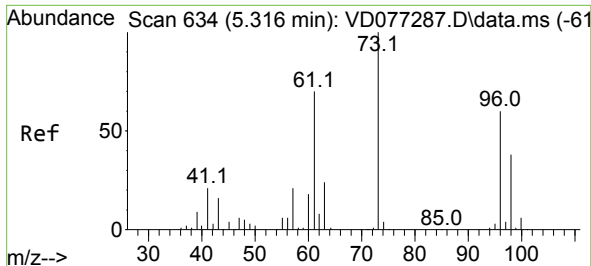
Tgt Ion: 76 Resp: 497058
Ion Ratio Lower Upper
76 100
78 7.9 6.8 10.2



#18
Methyl Acetate
Concen: 48.248 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

Tgt Ion: 43 Resp: 126020
Ion Ratio Lower Upper
43 100
74 28.2 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 50.289 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

Instrument :

MSVOA_D

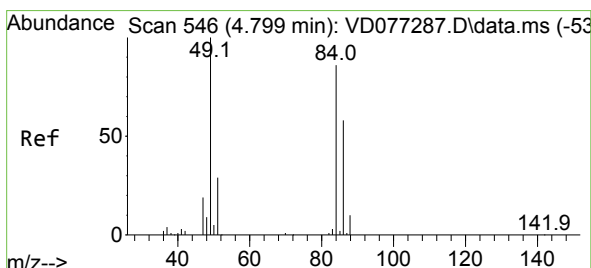
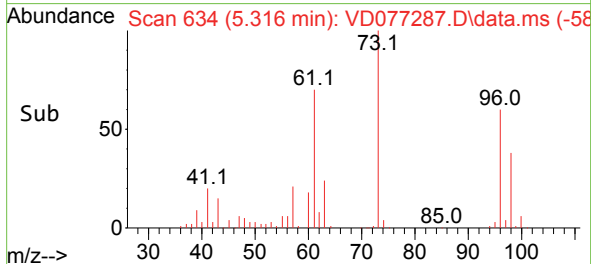
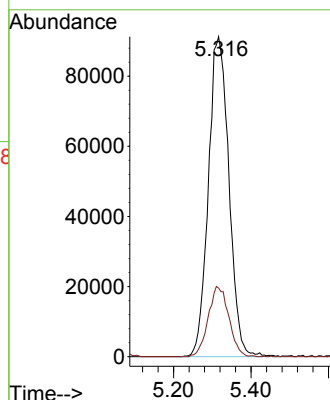
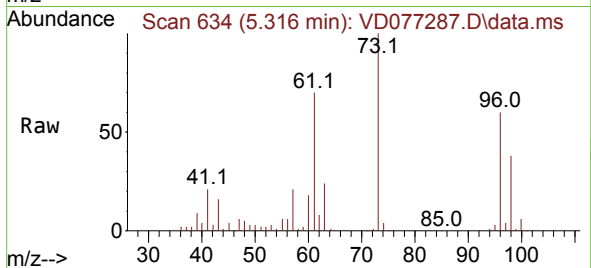
ClientSampleId :

Tgt Ion: 73 Resp: 335485

Ion Ratio Lower Upper

73 100

57 21.4 16.6 25.0



#20

Methylene Chloride

Concen: 52.022 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

Tgt Ion: 84 Resp: 213872

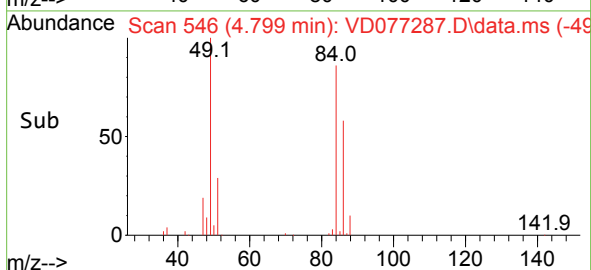
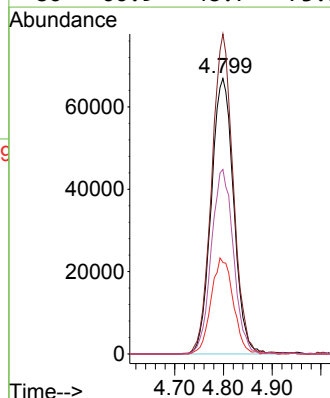
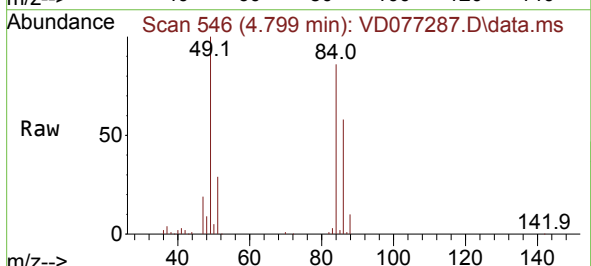
Ion Ratio Lower Upper

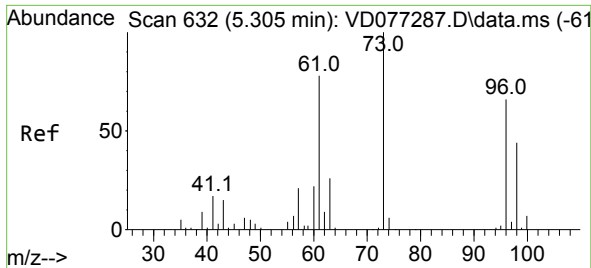
84 100

49 116.1 71.4 107.2#

51 33.2 24.5 36.7

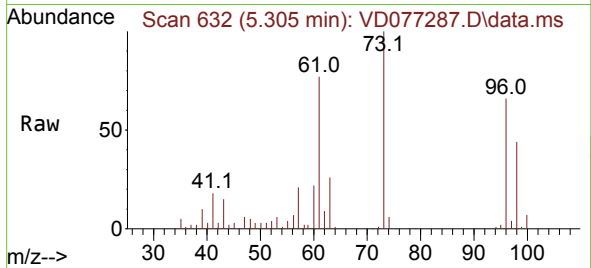
86 66.9 48.7 73.1



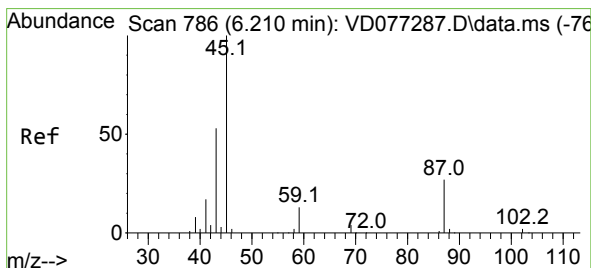
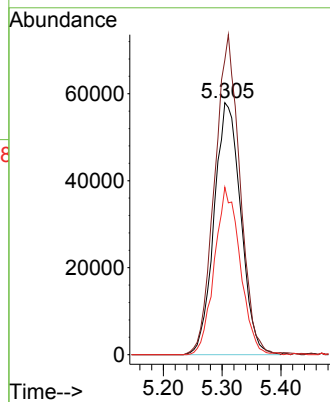
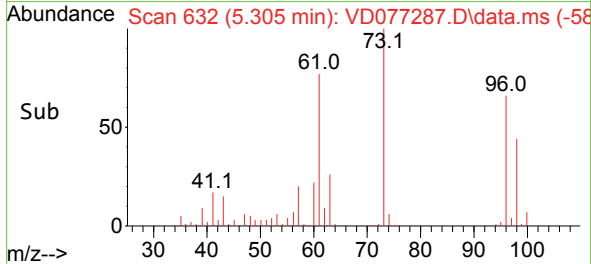


#21
trans-1,2-Dichloroethene
Concen: 49.399 ug/l
RT: 5.305 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

Instrument :
MSVOA_D
ClientSampleId :

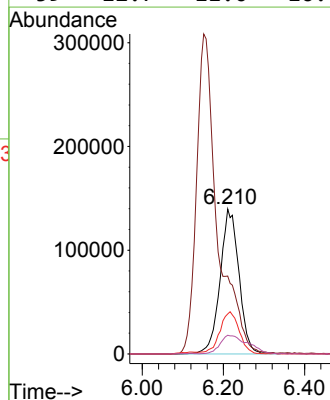
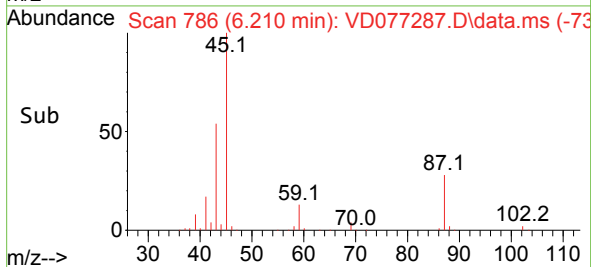
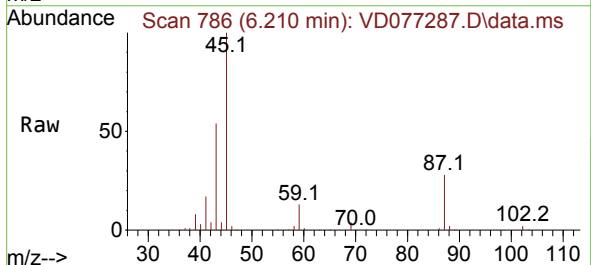


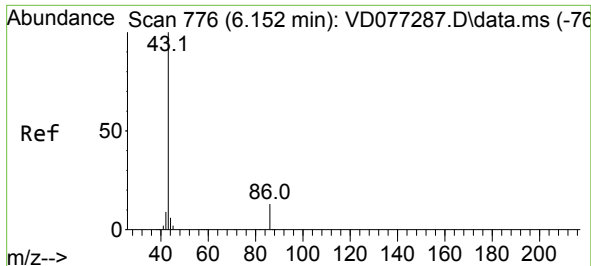
Tgt Ion: 96 Resp: 182284
Ion Ratio Lower Upper
96 100
61 116.9 89.3 133.9
98 66.4 48.6 73.0



#22
Diisopropyl ether
Concen: 50.685 ug/l
RT: 6.210 min Scan# 786
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

Tgt Ion: 45 Resp: 451959
Ion Ratio Lower Upper
45 100
43 53.3 40.0 60.0
87 27.5 28.2 42.4#
59 12.7 11.0 16.4

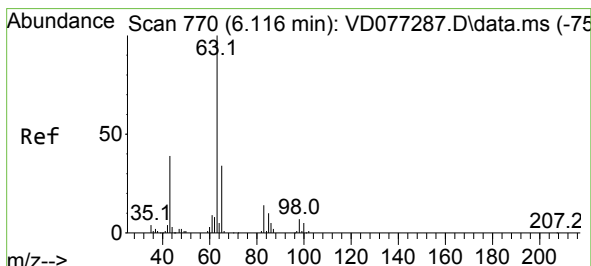
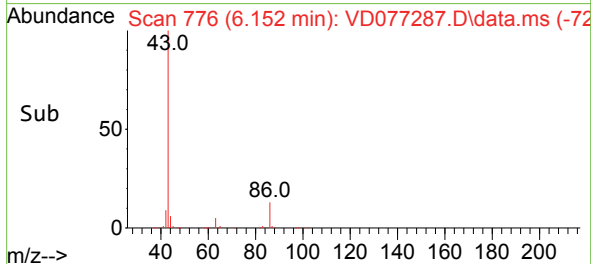
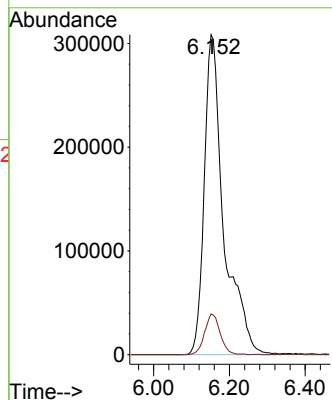
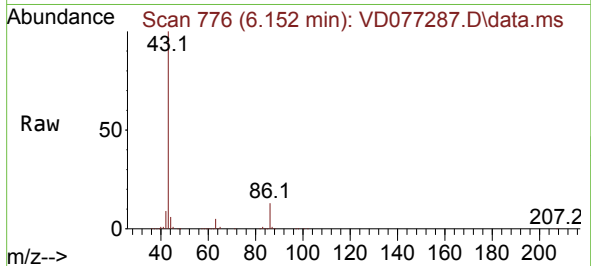




#23
 Vinyl Acetate
 Concen: 300.501 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD077287.D
 Acq: 06 Oct 2023 13:09

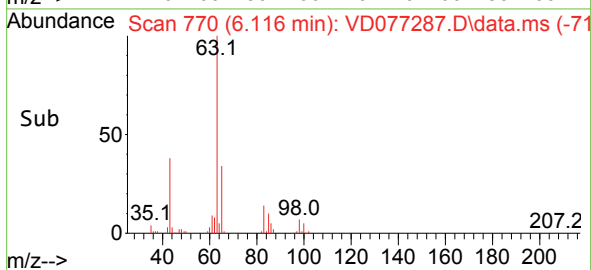
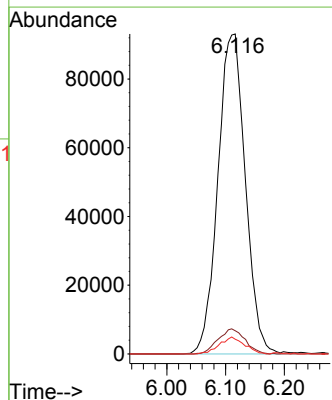
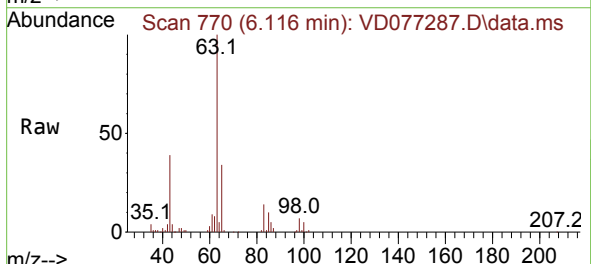
Instrument :
 MSVOA_D
 ClientSampleId :

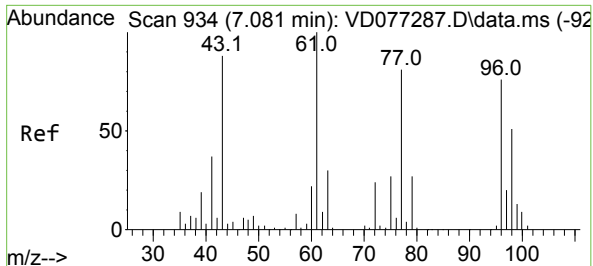
Tgt Ion: 43 Resp: 1106208
 Ion Ratio Lower Upper
 43 100
 86 12.7 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 48.682 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD077287.D
 Acq: 06 Oct 2023 13:09

Tgt Ion: 63 Resp: 301366
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.5 13.7
 100 4.6 2.5 7.5





#25

2-Butanone

Concen: 246.707 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

Instrument :

MSVOA_D

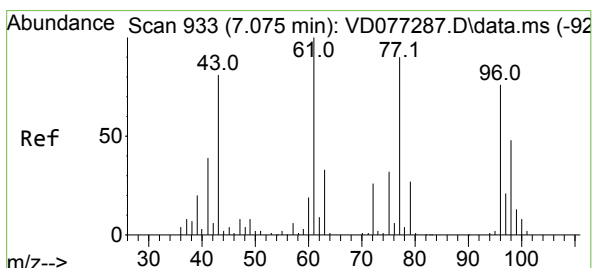
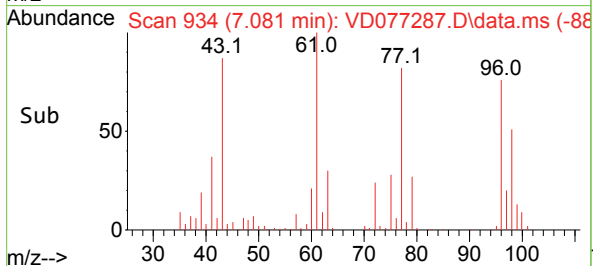
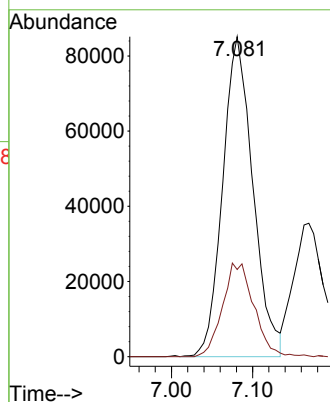
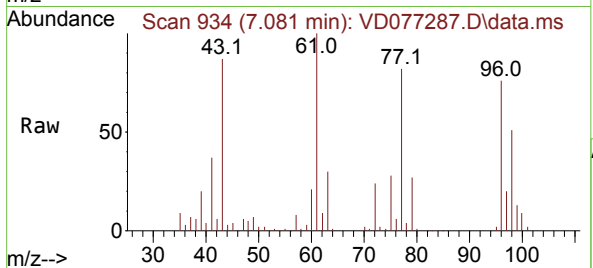
ClientSampleId :

Tgt Ion: 43 Resp: 220391

Ion Ratio Lower Upper

43 100

72 27.2 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 48.604 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD077287.D

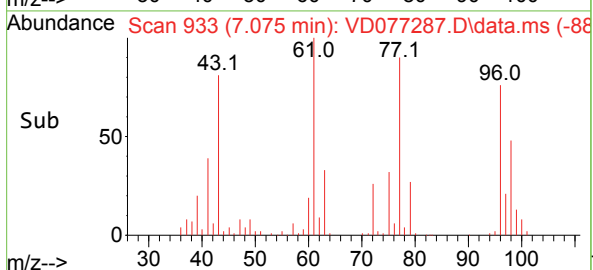
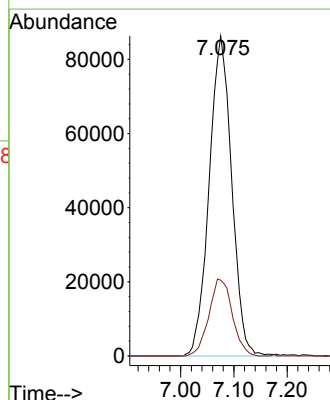
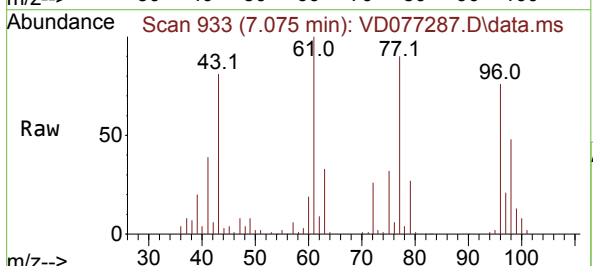
Acq: 06 Oct 2023 13:09

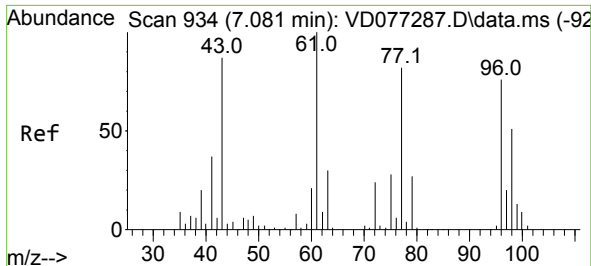
Tgt Ion: 77 Resp: 254030

Ion Ratio Lower Upper

77 100

97 24.9 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 49.532 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

Instrument :

MSVOA_D

ClientSampleId :

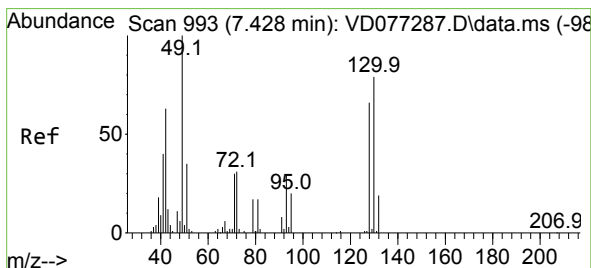
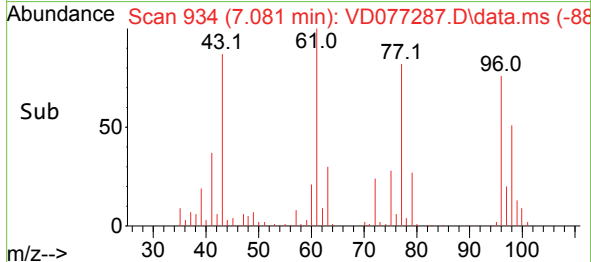
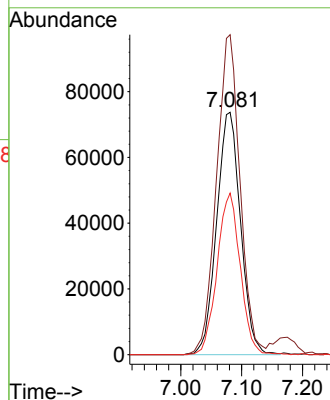
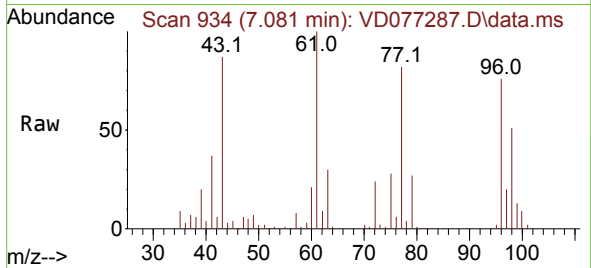
Tgt Ion: 96 Resp: 201263

Ion Ratio Lower Upper

96 100

61 130.0 0.0 239.2

98 64.5 0.0 128.6



#28

Bromochloromethane

Concen: 50.482 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

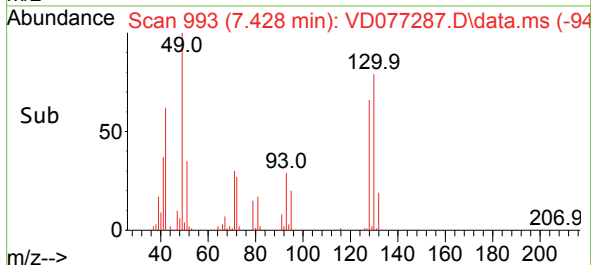
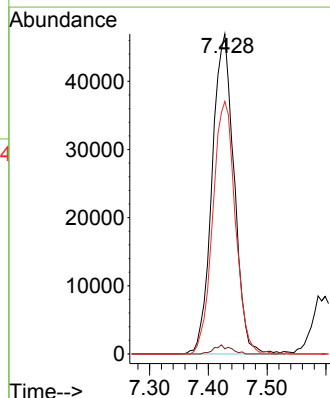
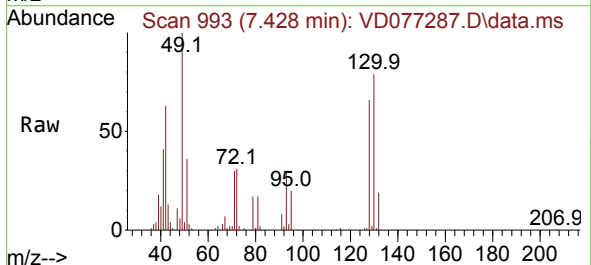
Tgt Ion: 49 Resp: 122020

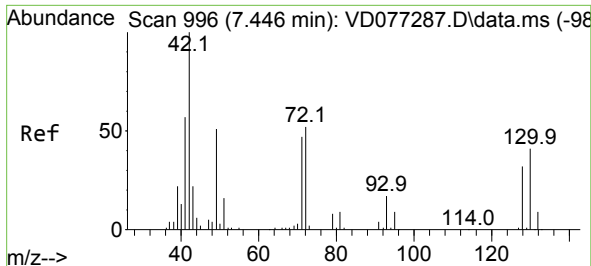
Ion Ratio Lower Upper

49 100

129 2.1 0.0 6.0

130 80.7 83.2 124.8#





#29

Tetrahydrofuran

Concen: 250.779 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

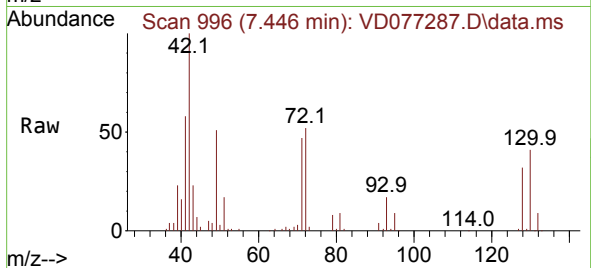
Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

Instrument :

MSVOA_D

ClientSampleId :



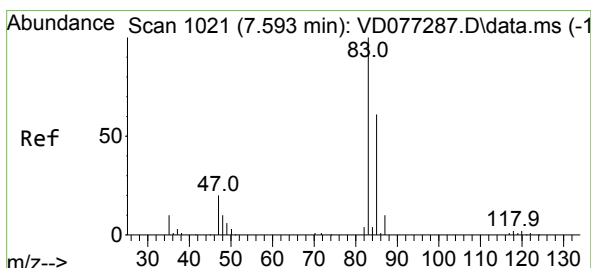
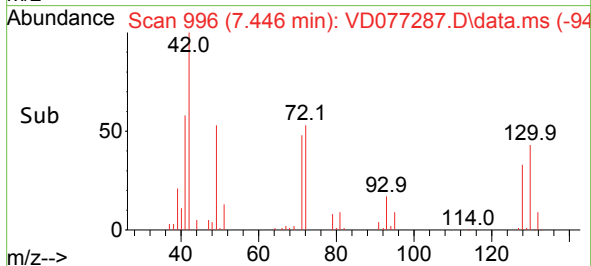
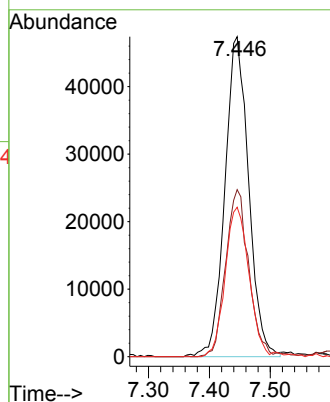
Tgt Ion: 42 Resp: 128479

Ion Ratio Lower Upper

42 100

72 51.1 46.5 69.7

71 46.6 44.5 66.7



#30

Chloroform

Concen: 49.115 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD077287.D

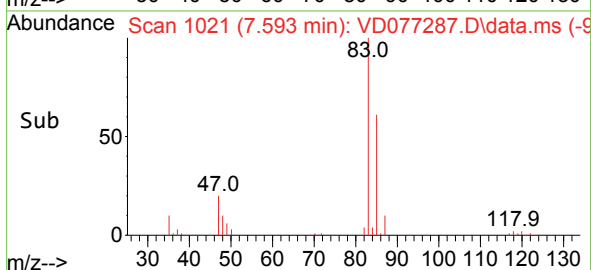
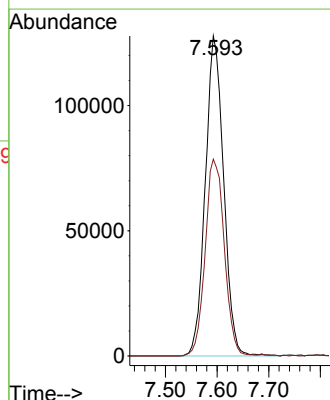
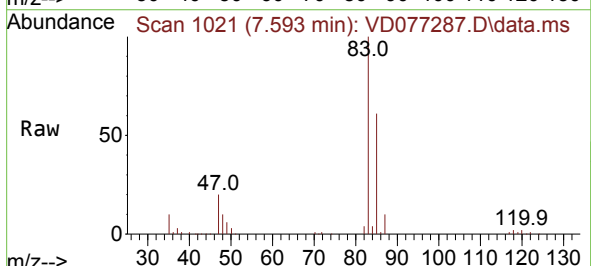
Acq: 06 Oct 2023 13:09

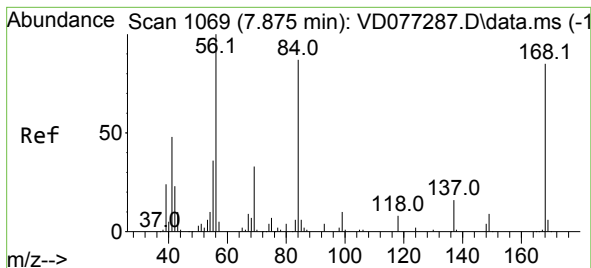
Tgt Ion: 83 Resp: 315145

Ion Ratio Lower Upper

83 100

85 61.5 53.4 80.2





#31

Cyclohexane

Concen: 48.086 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

Instrument :

MSVOA_D

ClientSampleId :

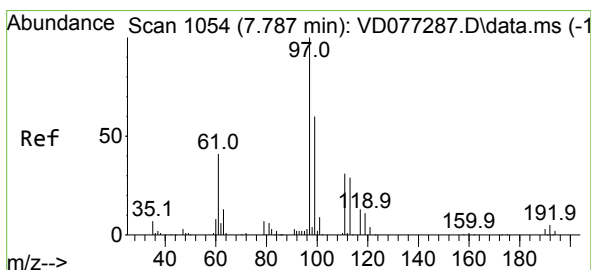
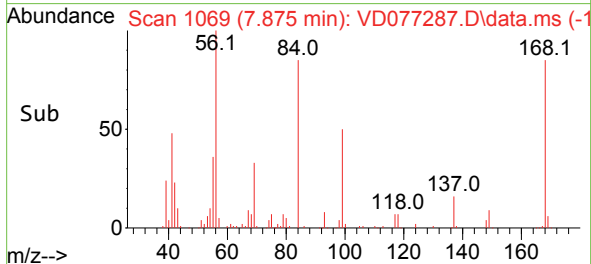
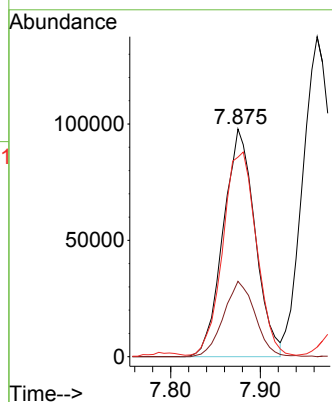
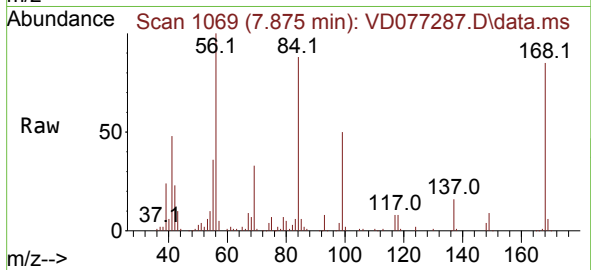
Tgt Ion: 56 Resp: 241540

Ion Ratio Lower Upper

56 100

69 33.1 28.6 43.0

84 86.6 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 49.258 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

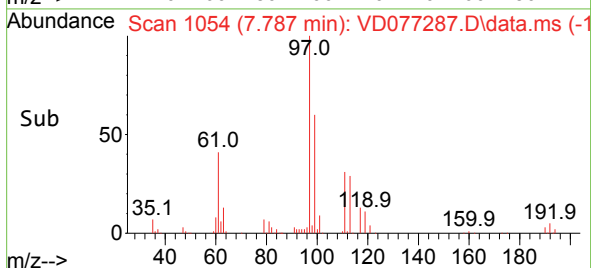
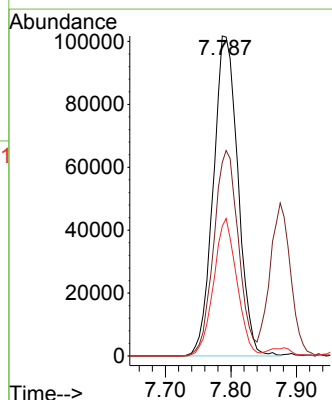
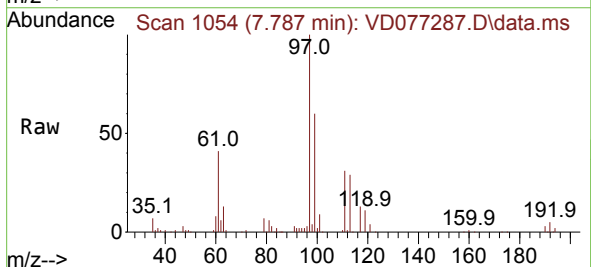
Tgt Ion: 97 Resp: 265834

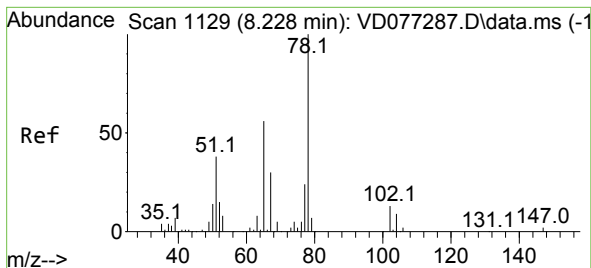
Ion Ratio Lower Upper

97 100

99 64.7 52.0 78.0

61 40.6 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 52.681 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

Instrument :

MSVOA_D

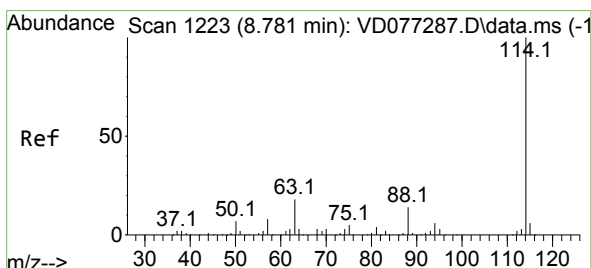
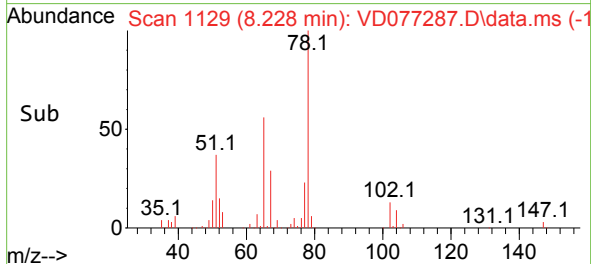
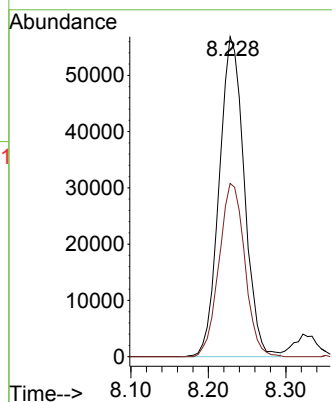
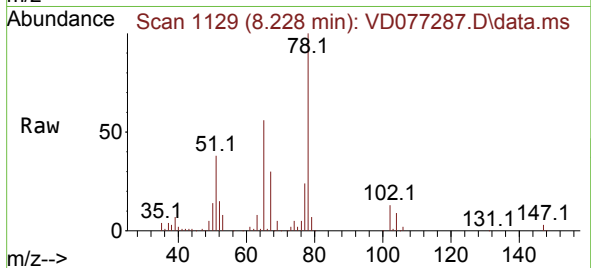
ClientSampleId :

Tgt Ion: 65 Resp: 127788

Ion Ratio Lower Upper

65 100

67 55.6 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

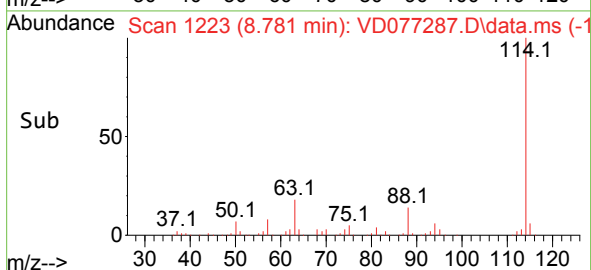
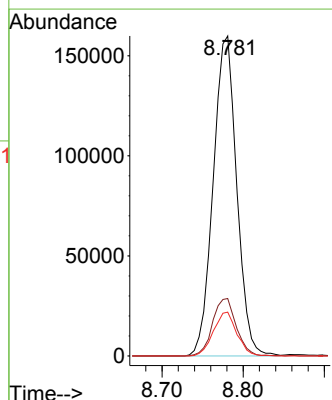
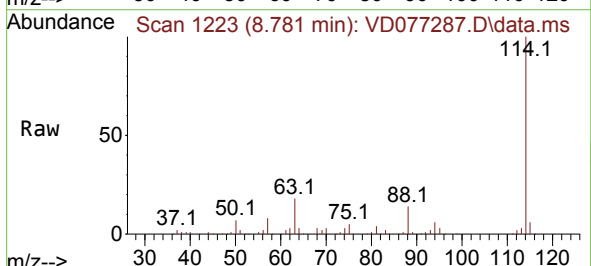
Tgt Ion: 114 Resp: 322180

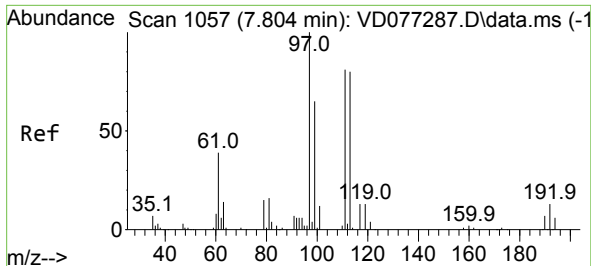
Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.4

88 13.7 0.0 26.2

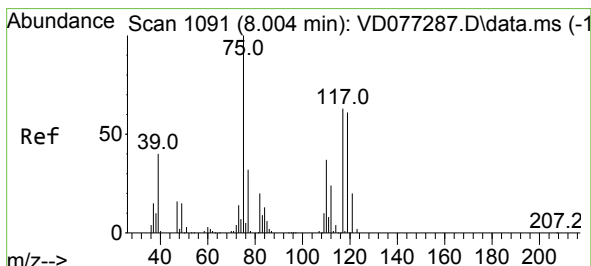
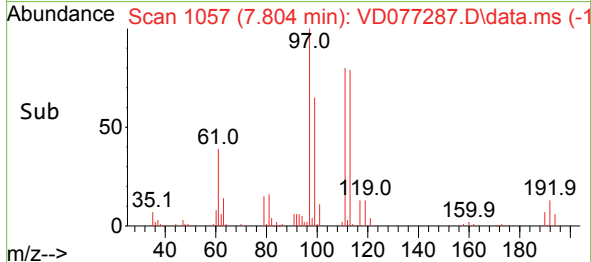
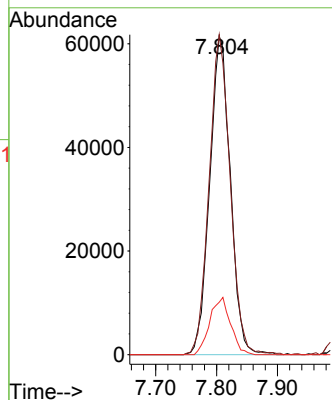
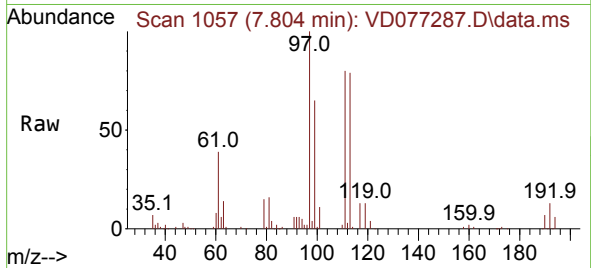




#35
Dibromofluoromethane
Concen: 52.052 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

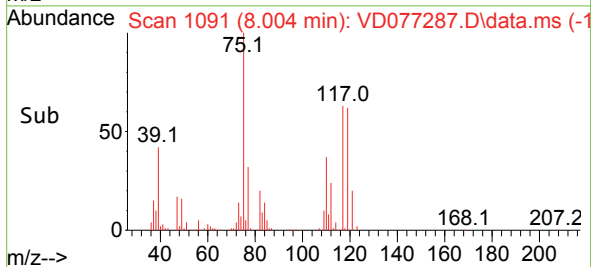
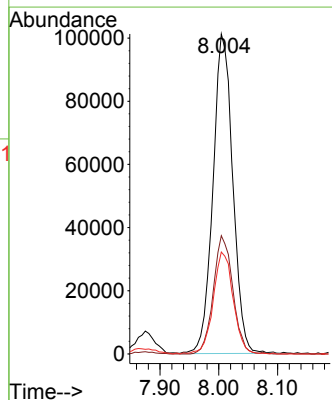
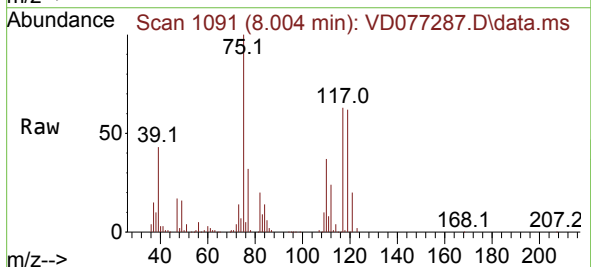
Instrument :
MSVOA_D
ClientSampleId :

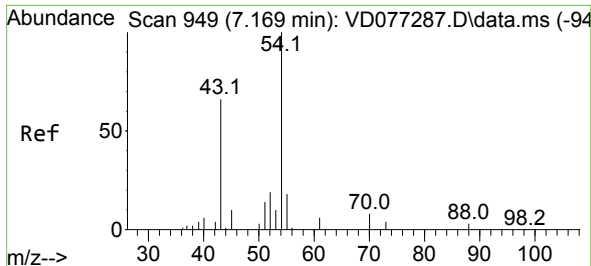
Tgt Ion:113 Resp: 144707
Ion Ratio Lower Upper
113 100
111 102.0 84.7 127.1
192 18.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 50.656 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

Tgt Ion: 75 Resp: 237346
Ion Ratio Lower Upper
75 100
110 36.3 19.9 59.6
77 32.2 24.7 37.1





#37

Ethyl Acetate

Concen: 48.989 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

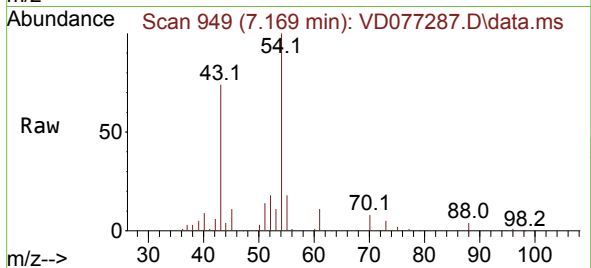
Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

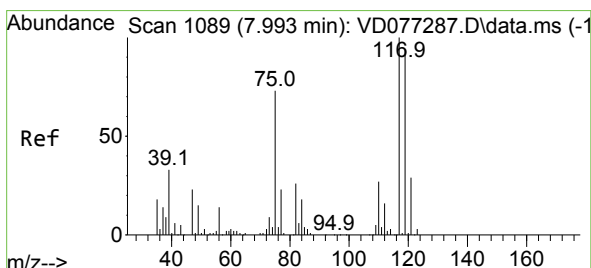
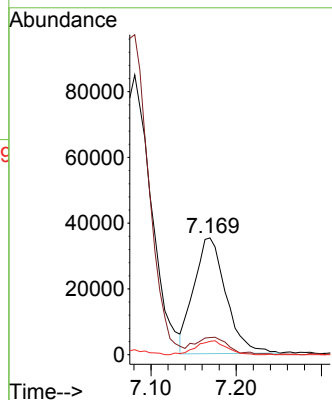
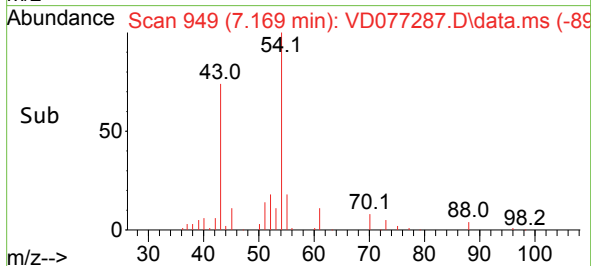
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43	Resp: 92150
Ion Ratio	Lower Upper
43	100
61	15.9 14.9 22.3
70	11.3 10.0 15.0



#38

Carbon Tetrachloride

Concen: 49.941 ug/l

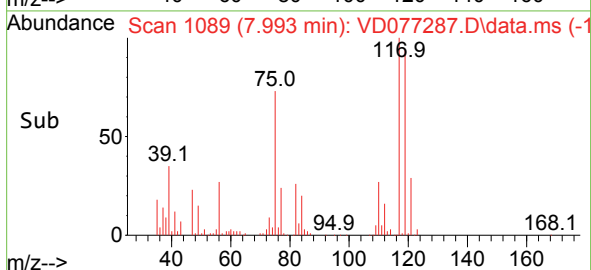
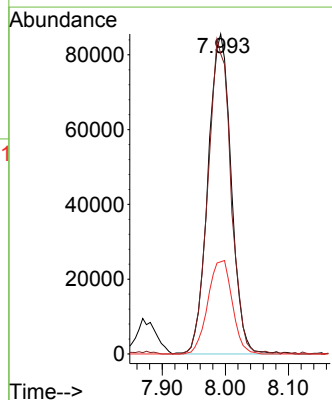
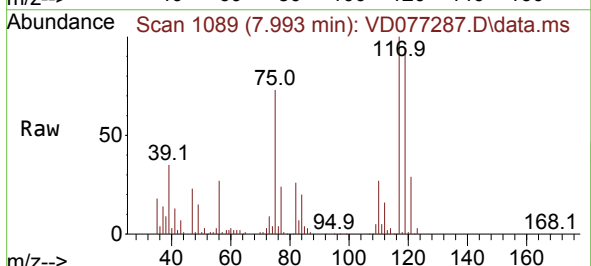
RT: 7.993 min Scan# 1089

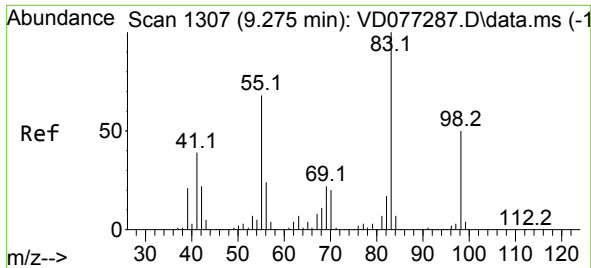
Delta R.T. 0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

Tgt Ion: 117	Resp: 218002
Ion Ratio	Lower Upper
117	100
119	93.8 78.0 117.0
121	28.8 24.2 36.2

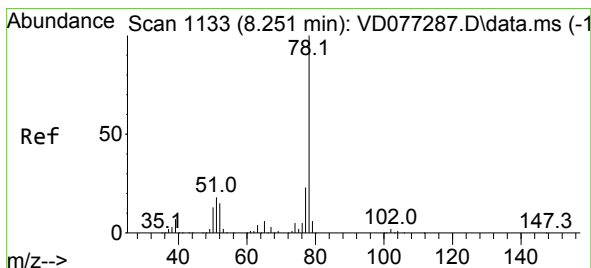
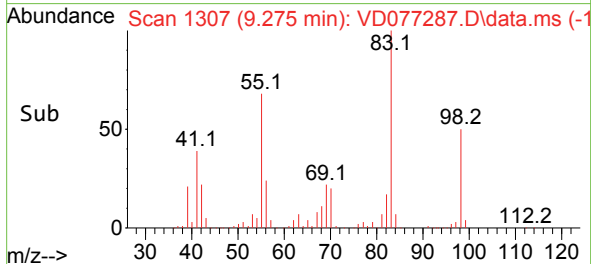
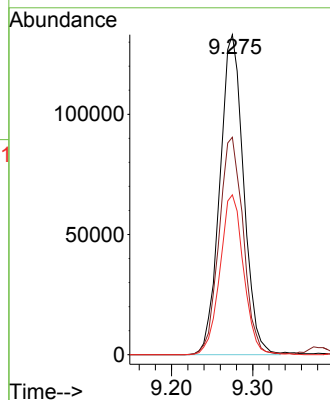
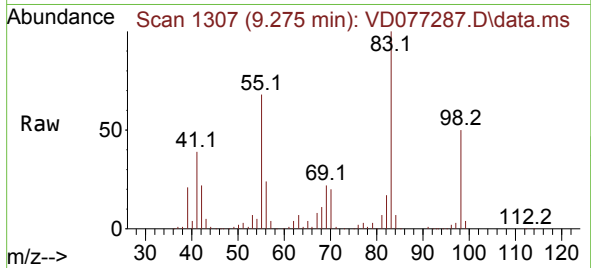




#39
Methylcyclohexane
Concen: 49.733 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

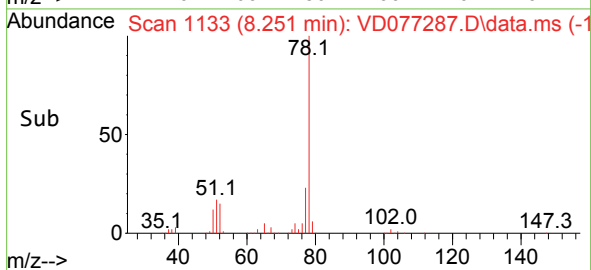
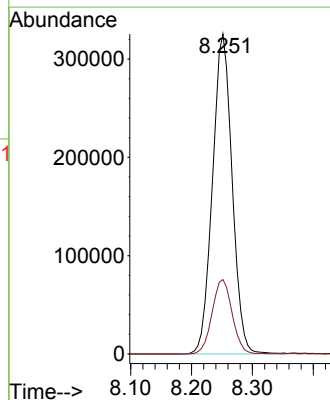
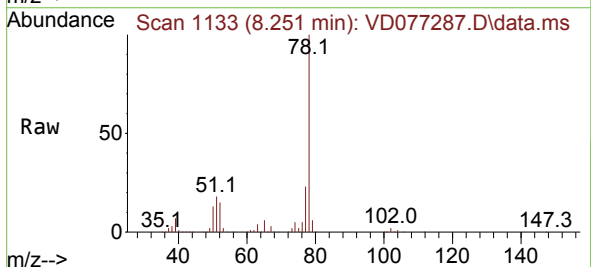
Instrument :
MSVOA_D
ClientSampleId :

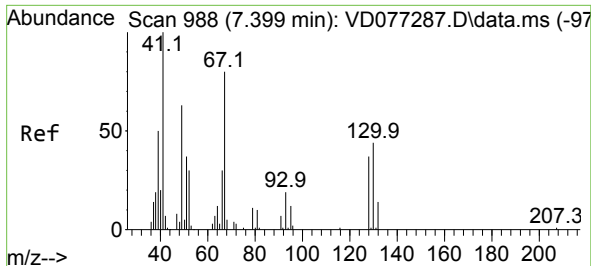
Tgt Ion: 83 Resp: 270635
Ion Ratio Lower Upper
83 100
55 68.0 49.4 74.0
98 50.0 38.4 57.6



#40
Benzene
Concen: 51.300 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

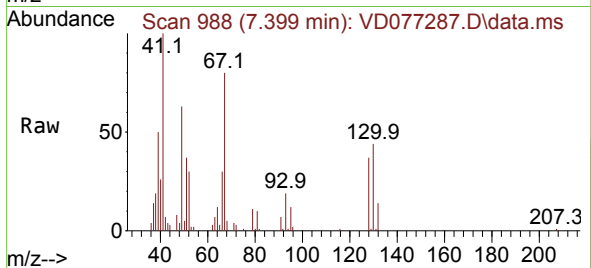
Tgt Ion: 78 Resp: 728799
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.0



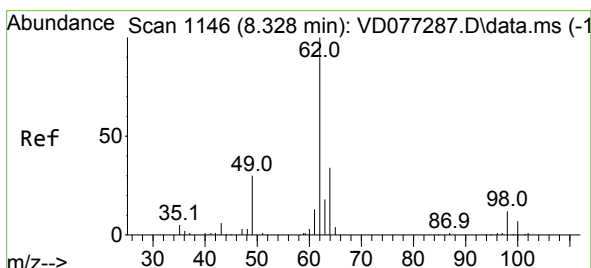
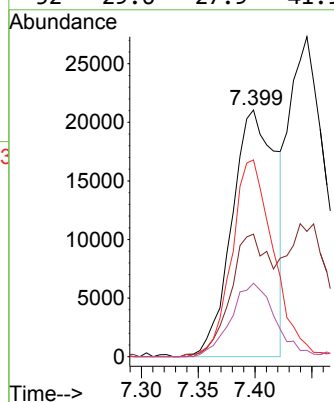
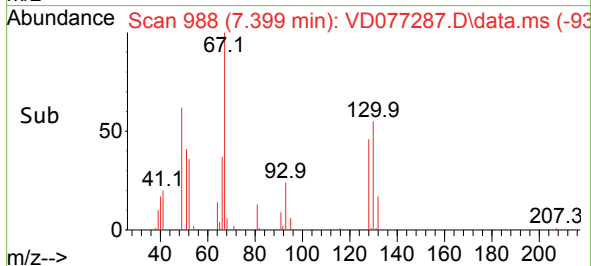


#41
Methacrylonitrile
Concen: 54.009 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

Instrument :
MSVOA_D
ClientSampleId :

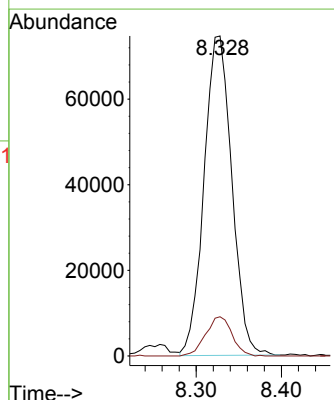
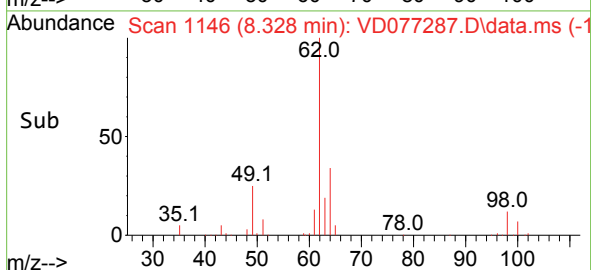
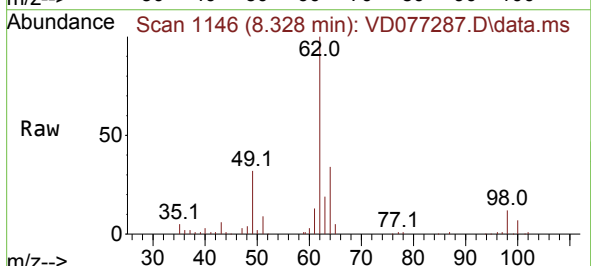


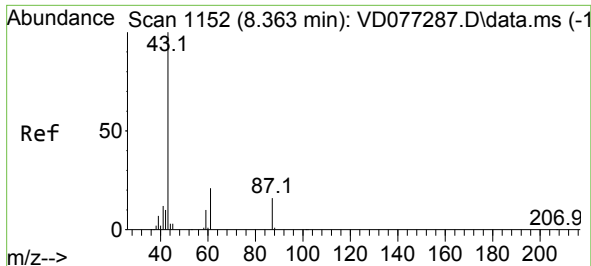
Tgt Ion:	41	Resp:	56925
Ion Ratio	Lower	Upper	
41	100		
39	44.0	34.0	51.0
67	75.5	77.0	115.4#
52	29.6	27.9	41.9



#42
1,2-Dichloroethane
Concen: 50.054 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

Tgt Ion:	62	Resp:	169122
Ion Ratio	Lower	Upper	
62	100		
98	11.7	0.0	25.4

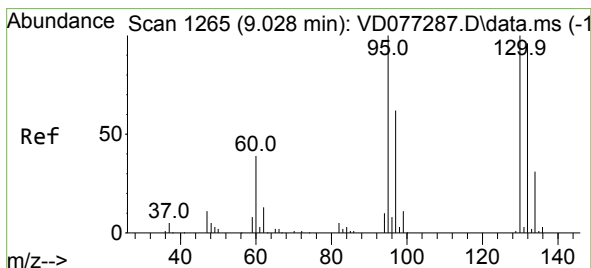
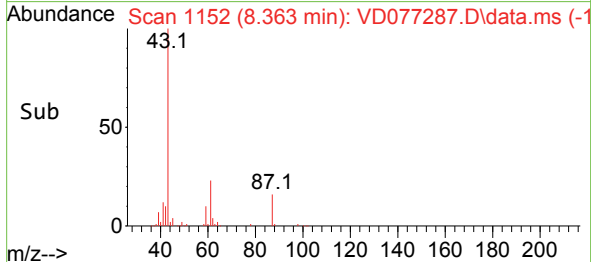
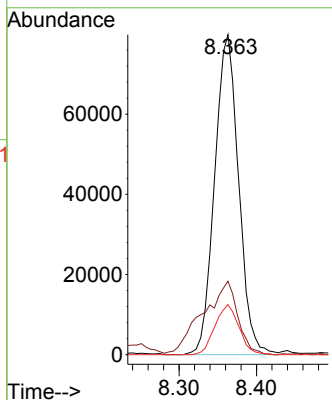
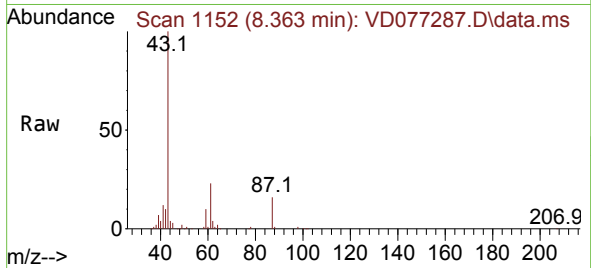




#43
Isopropyl Acetate
Concen: 49.809 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

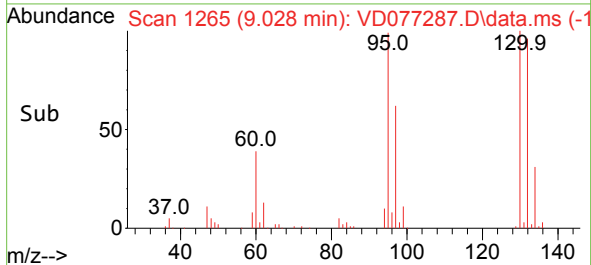
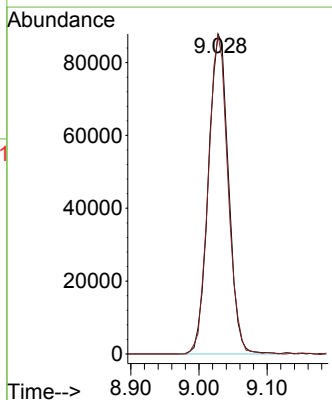
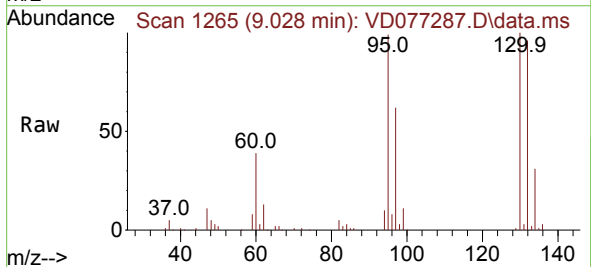
Instrument :
MSVOA_D
ClientSampleId :

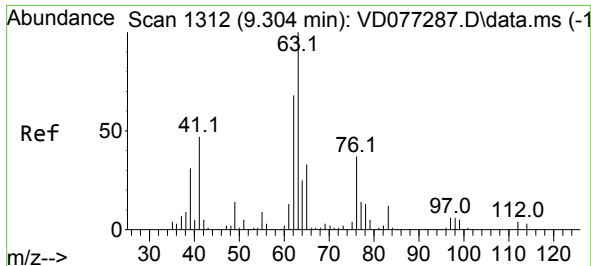
Tgt Ion: 43 Resp: 172071
Ion Ratio Lower Upper
43 100
61 33.5 31.4 47.0
87 15.7 14.9 22.3



#44
Trichloroethene
Concen: 49.922 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

Tgt Ion:130 Resp: 180042
Ion Ratio Lower Upper
130 100
95 99.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 49.510 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

Instrument :

MSVOA_D

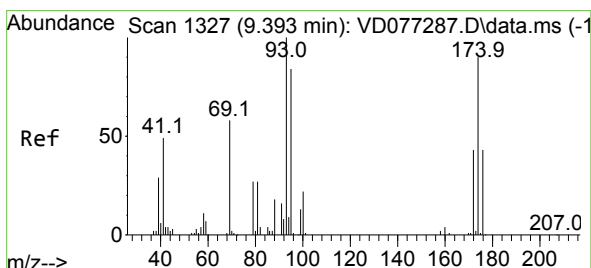
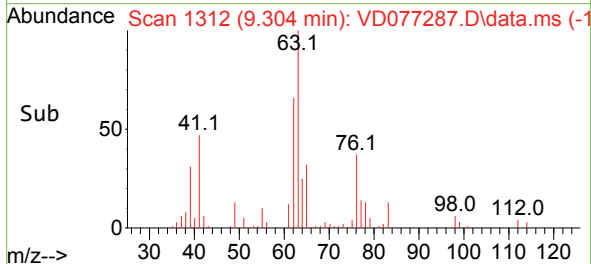
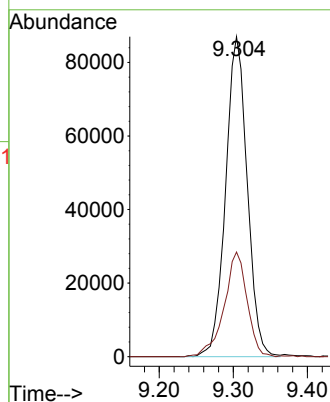
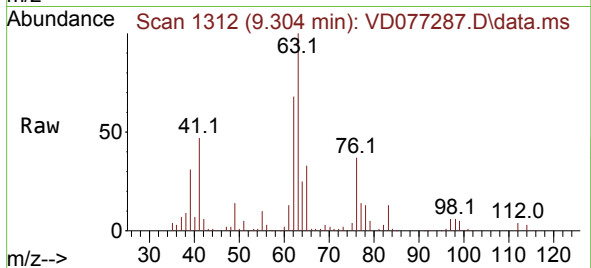
ClientSampleId :

Tgt Ion: 63 Resp: 175895

Ion Ratio Lower Upper

63 100

65 32.7 24.5 36.7



#46

Dibromomethane

Concen: 50.777 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

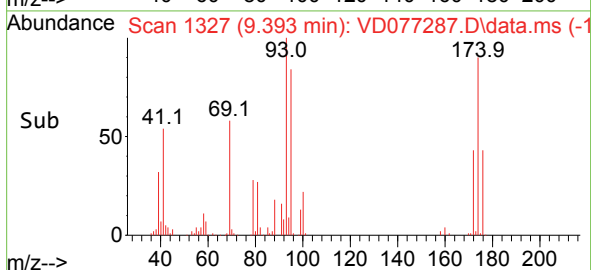
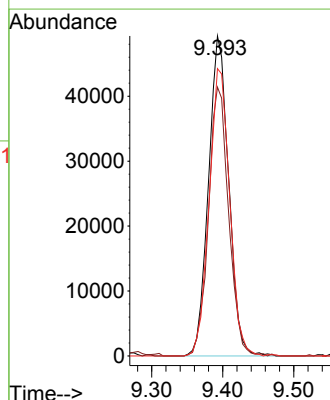
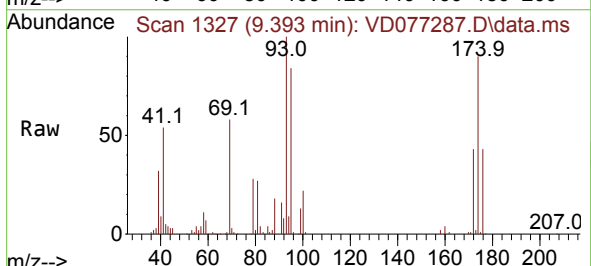
Tgt Ion: 93 Resp: 97451

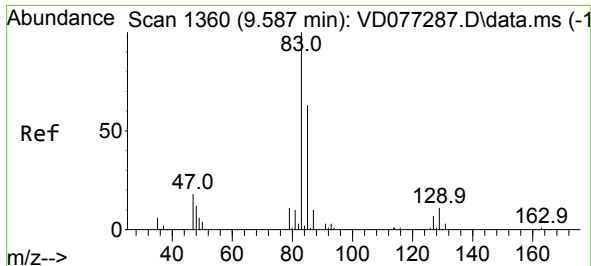
Ion Ratio Lower Upper

93 100

95 83.8 67.7 101.5

174 91.4 85.4 128.2

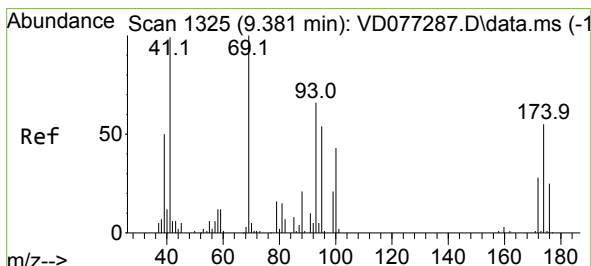
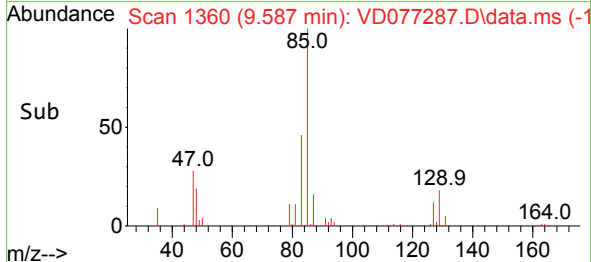
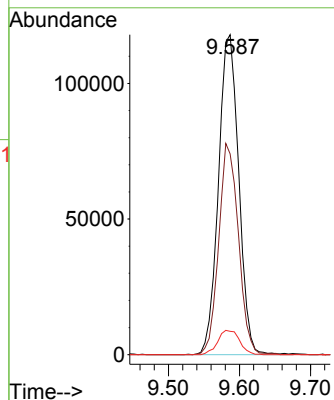
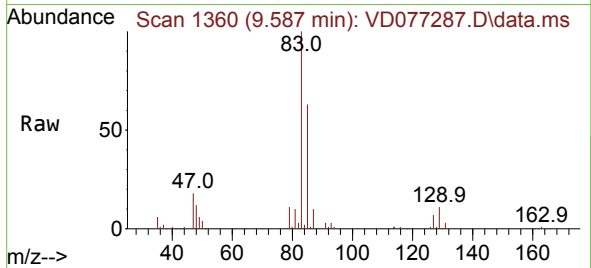




#47
Bromodichloromethane
Concen: 50.398 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

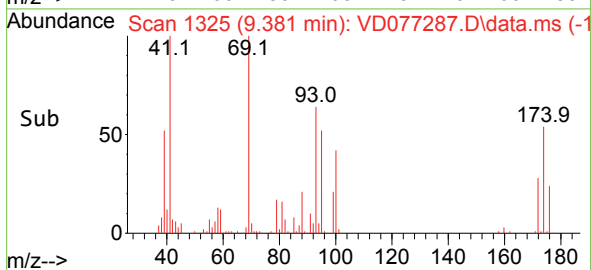
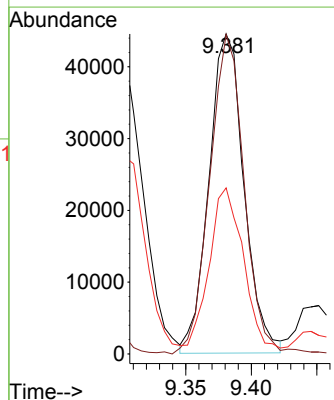
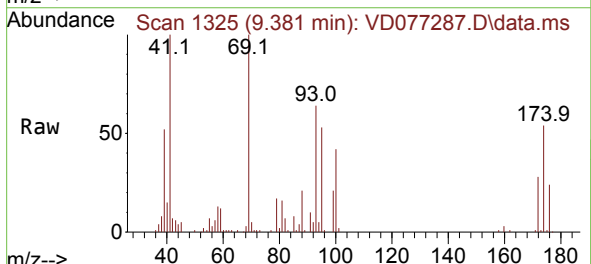
Instrument :
MSVOA_D
ClientSampleId :

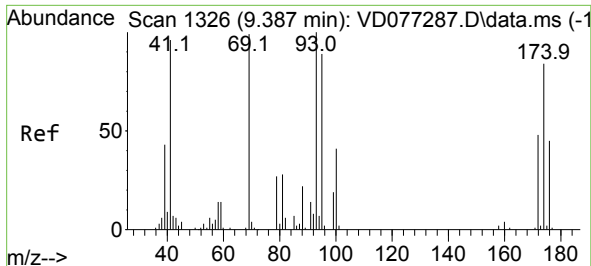
Tgt Ion: 83 Resp: 233226
Ion Ratio Lower Upper
83 100
85 62.8 50.2 75.4
127 7.3 6.3 9.5



#48
Methyl methacrylate
Concen: 52.328 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

Tgt Ion: 41 Resp: 82693
Ion Ratio Lower Upper
41 100
69 98.8 102.2 153.2#
39 47.9 41.4 62.2





#49

1,4-Dioxane

Concen: 992.608 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

Instrument :

MSVOA_D

ClientSampleId :

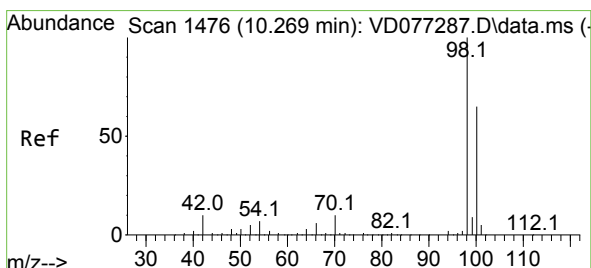
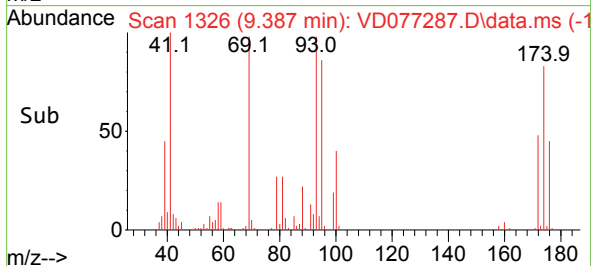
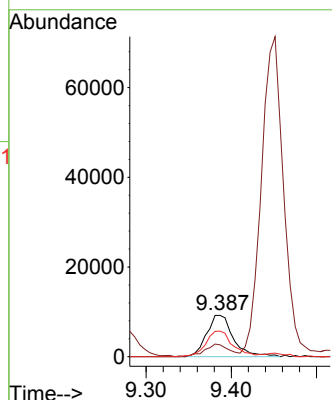
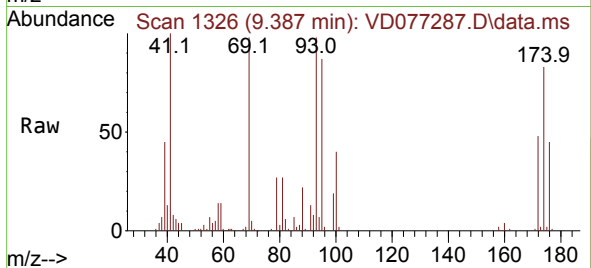
Tgt Ion: 88 Resp: 20019

Ion Ratio Lower Upper

88 100

43 28.0 19.0 28.6

58 63.6 43.5 65.3



#50

Toluene-d8

Concen: 54.845 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077287.D

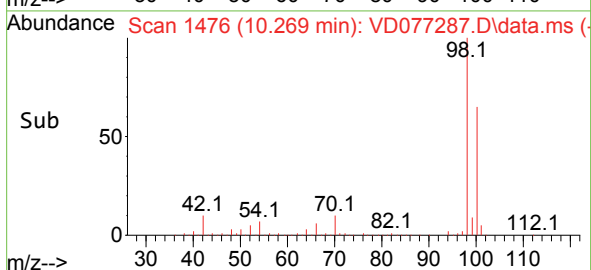
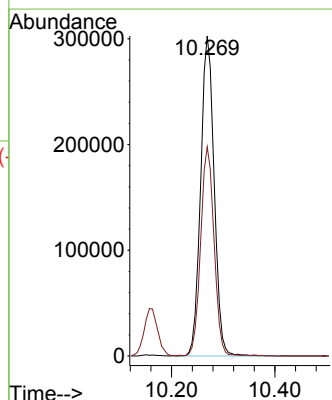
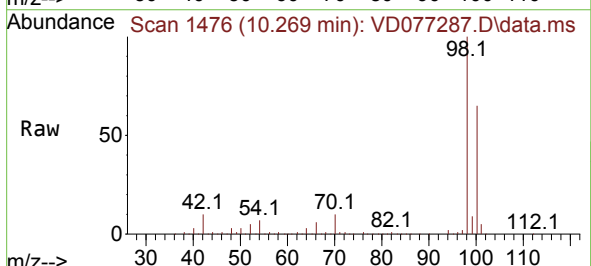
Acq: 06 Oct 2023 13:09

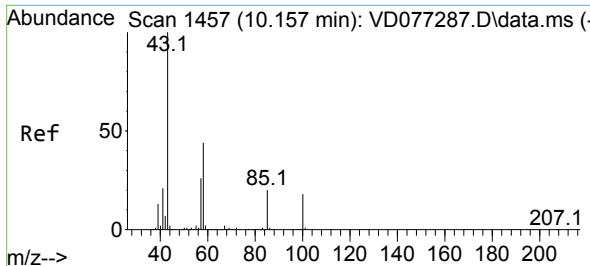
Tgt Ion: 98 Resp: 549299

Ion Ratio Lower Upper

98 100

100 64.5 50.3 75.5

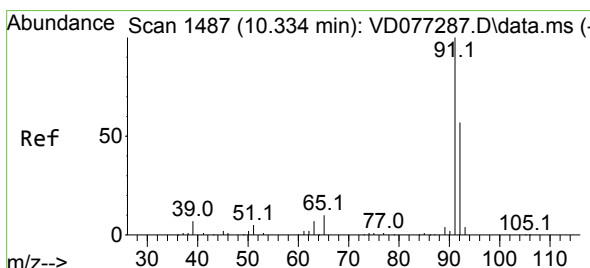
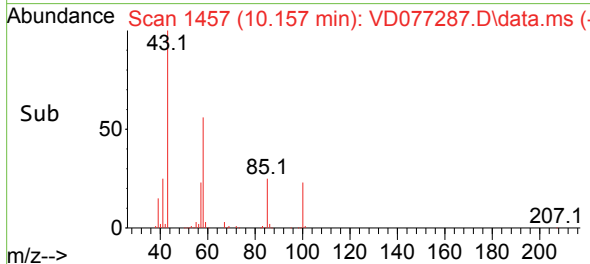
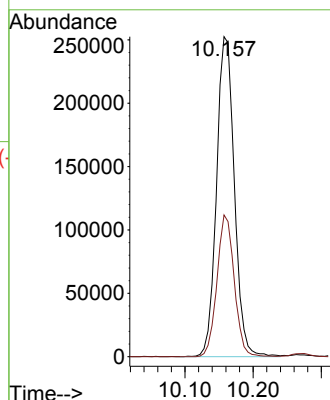
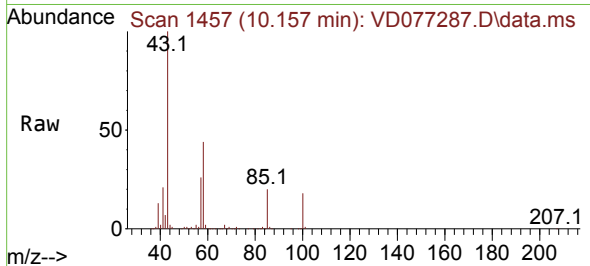




#51
4-Methyl-2-Pentanone
Concen: 255.981 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

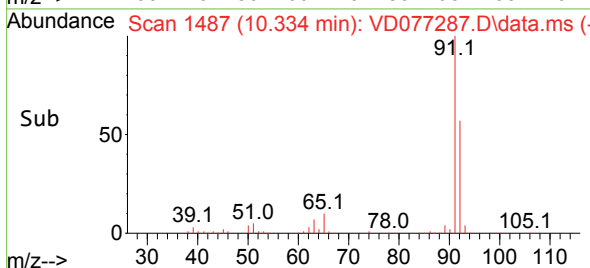
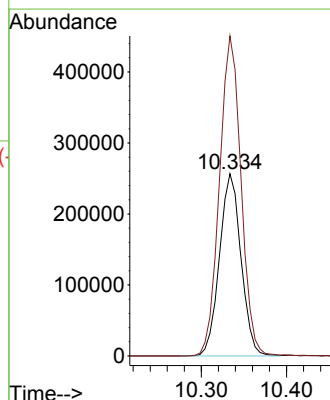
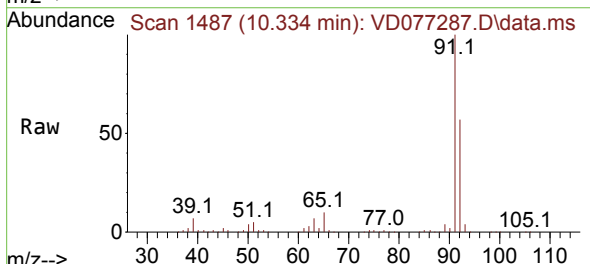
Instrument :
MSVOA_D
ClientSampleId :

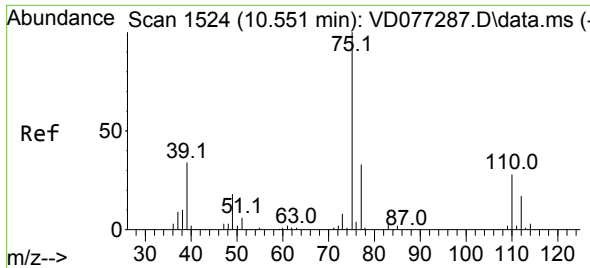
Tgt Ion: 43 Resp: 460460
Ion Ratio Lower Upper
43 100
58 42.9 38.9 58.3



#52
Toluene
Concen: 51.070 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

Tgt Ion: 92 Resp: 450520
Ion Ratio Lower Upper
92 100
91 176.6 143.0 214.4

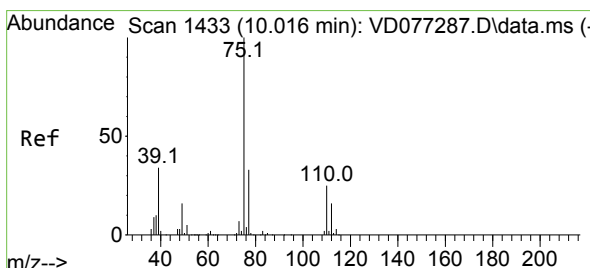
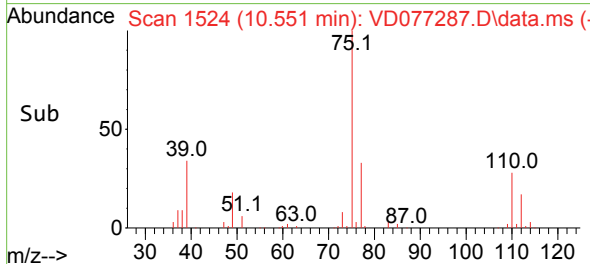
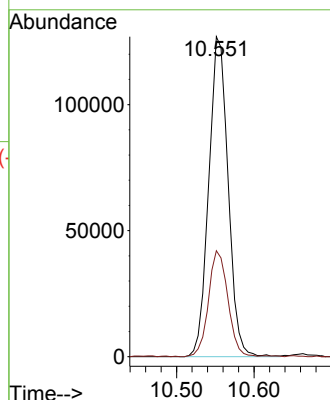
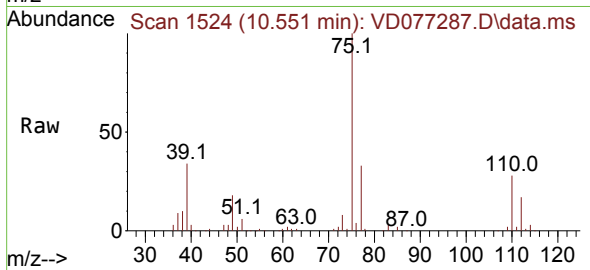




#53
 t-1,3-Dichloropropene
 Concen: 50.446 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD077287.D
 Acq: 06 Oct 2023 13:09

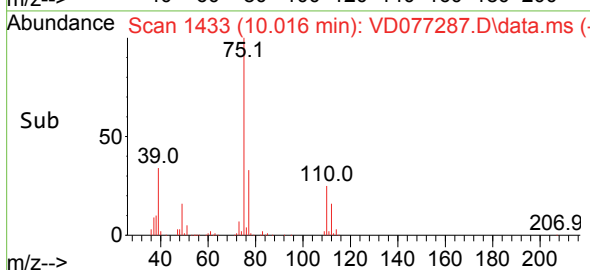
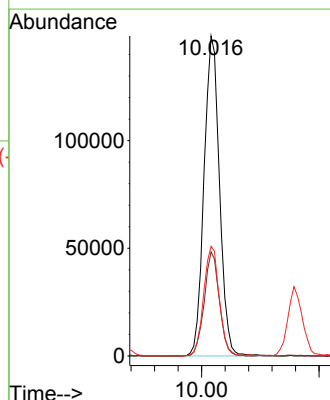
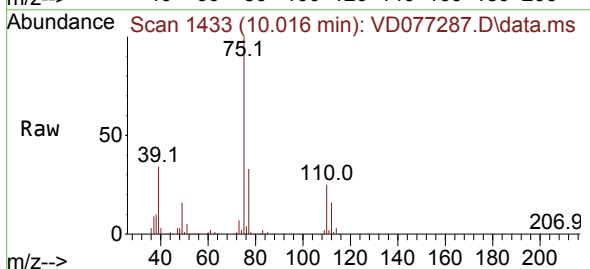
Instrument :
 MSVOA_D
 ClientSampleId :

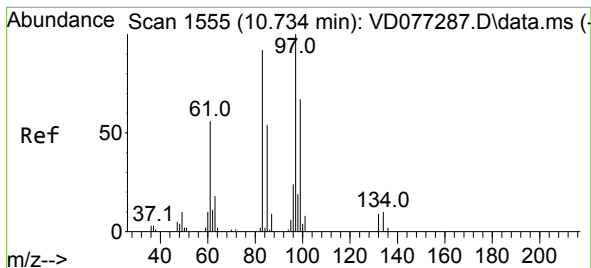
Tgt Ion: 75 Resp: 220921
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 50.584 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077287.D
 Acq: 06 Oct 2023 13:09

Tgt Ion: 75 Resp: 271454
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.5 38.3
 39 34.3 22.1 33.1#

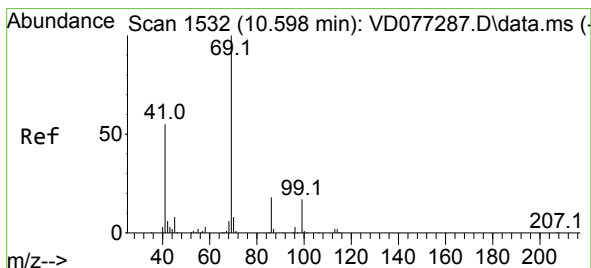
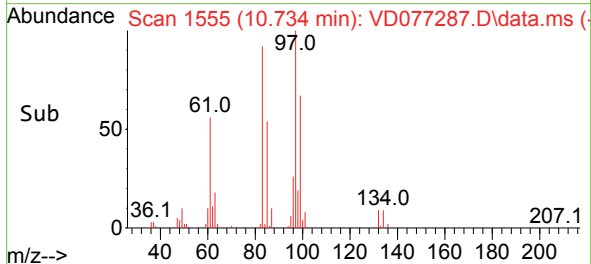
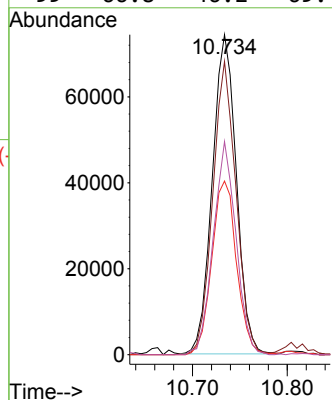
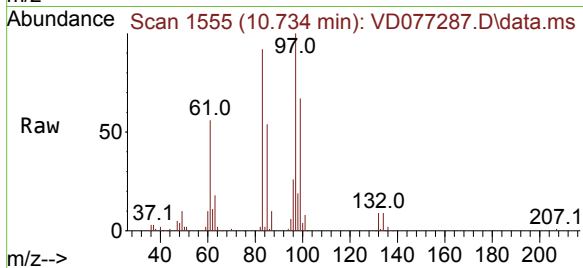




#55
1,1,2-Trichloroethane
Concen: 49.783 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

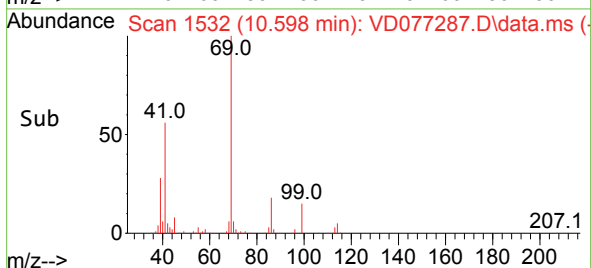
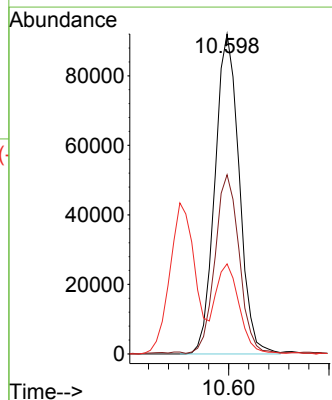
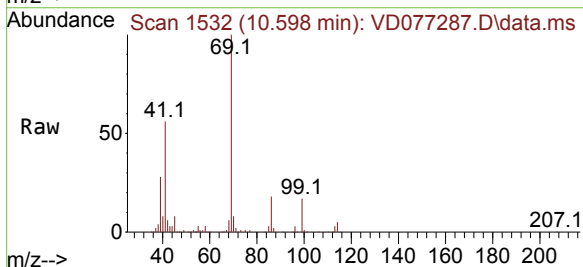
Instrument :
MSVOA_D
ClientSampleId :

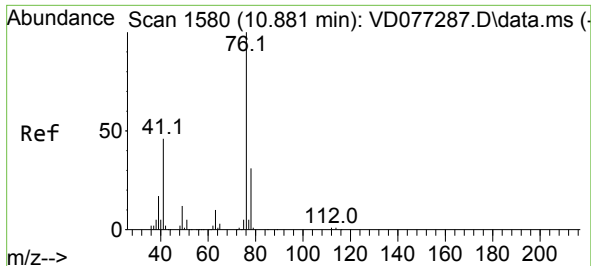
Tgt Ion:	97	Resp:	130899
Ion	Ratio	Lower	Upper
97	100		
83	91.7	65.8	98.6
85	54.4	45.7	68.5
99	66.8	46.2	69.4



#56
Ethyl methacrylate
Concen: 52.245 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

Tgt Ion:	69	Resp:	154307
Ion	Ratio	Lower	Upper
69	100		
41	55.7	39.1	58.7
39	26.3	20.0	30.0

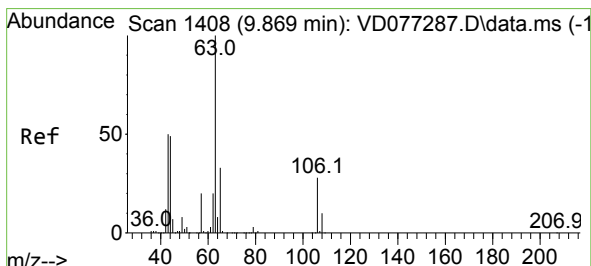
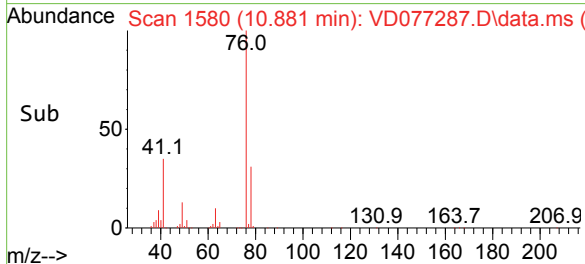
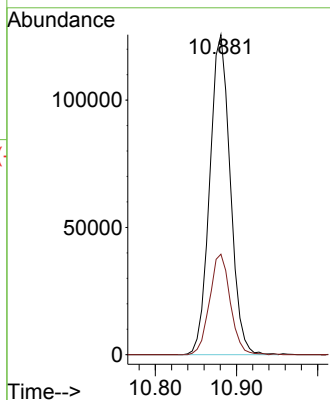
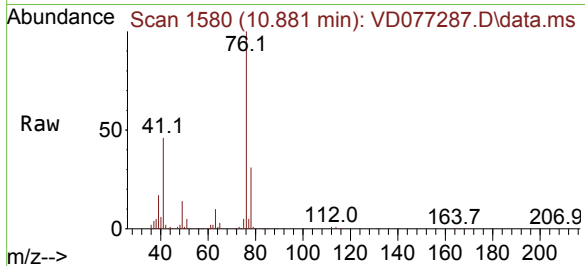




#57
1,3-Dichloropropane
Concen: 50.464 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

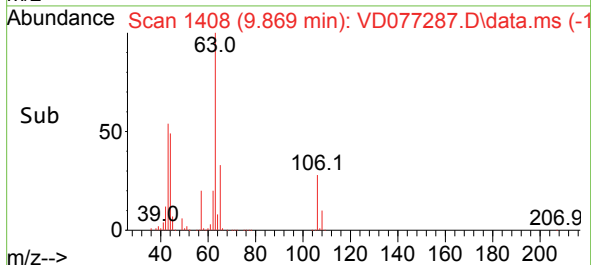
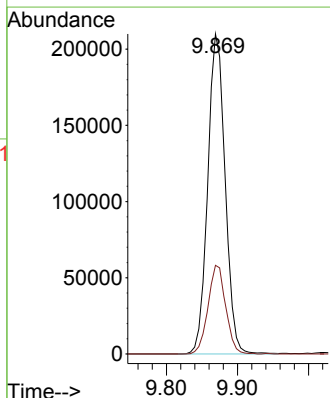
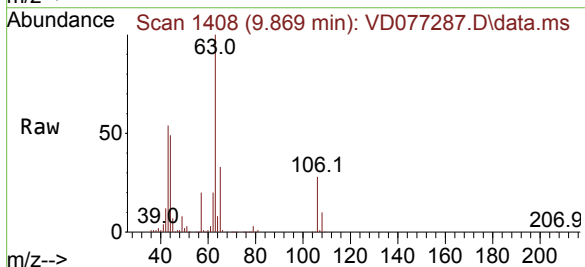
Instrument :
MSVOA_D
ClientSampleId :

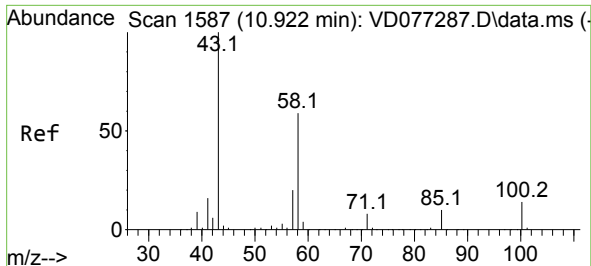
Tgt Ion: 76 Resp: 220532
Ion Ratio Lower Upper
76 100
78 31.7 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 252.241 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

Tgt Ion: 63 Resp: 357324
Ion Ratio Lower Upper
63 100
106 28.1 25.3 37.9

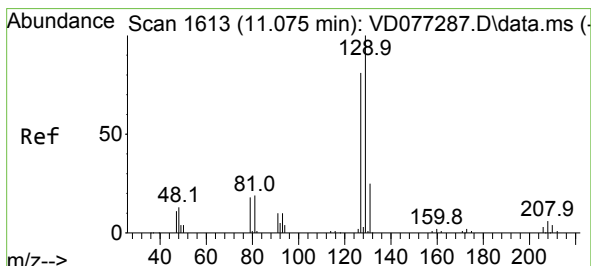
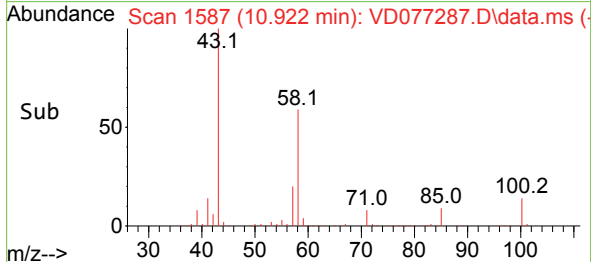
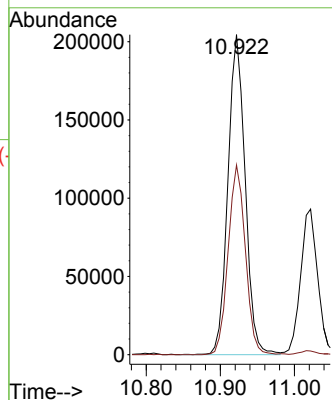
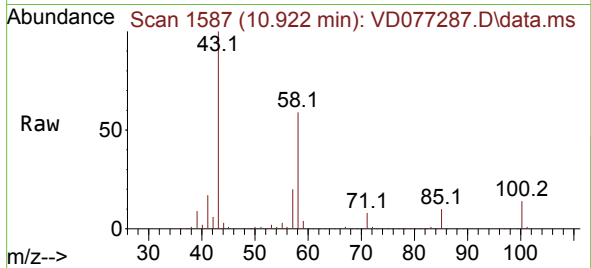




#59
2-Hexanone
Concen: 256.382 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

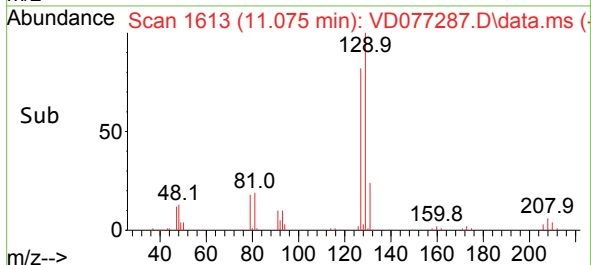
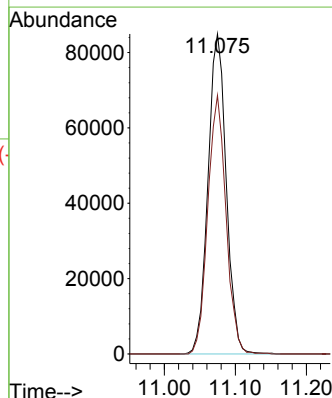
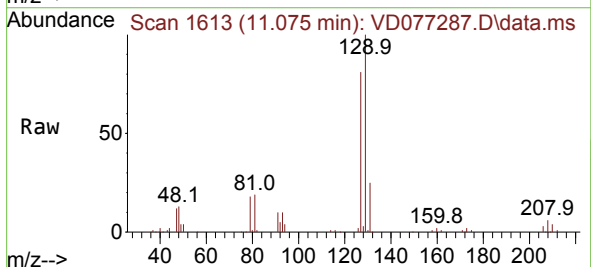
Instrument :
MSVOA_D
ClientSampleId :

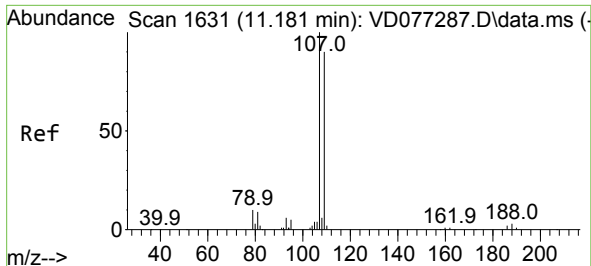
Tgt Ion: 43 Resp: 330069
Ion Ratio Lower Upper
43 100
58 59.3 34.1 102.2



#60
Dibromochloromethane
Concen: 49.799 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

Tgt Ion: 129 Resp: 152074
Ion Ratio Lower Upper
129 100
127 80.7 37.1 111.5

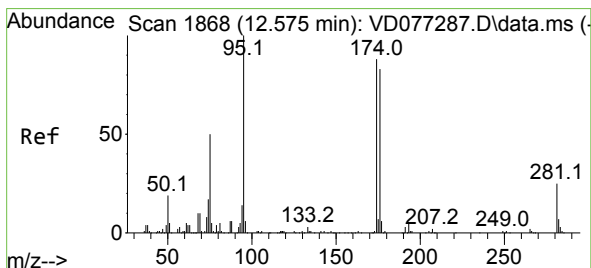
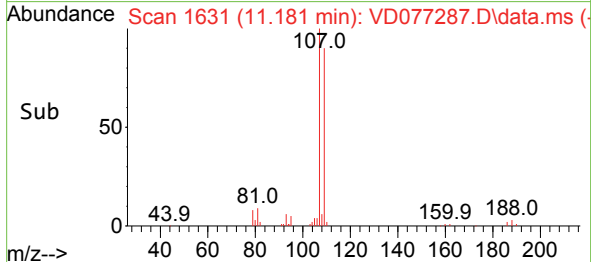
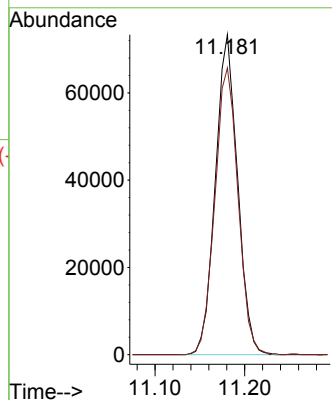
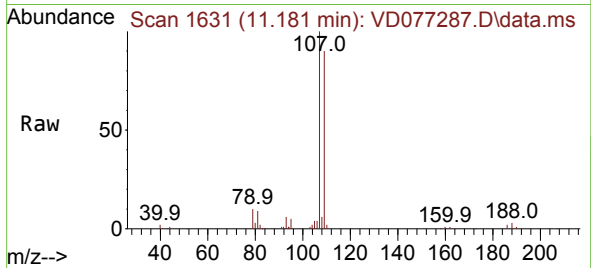




#61
1,2-Dibromoethane
Concen: 51.445 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

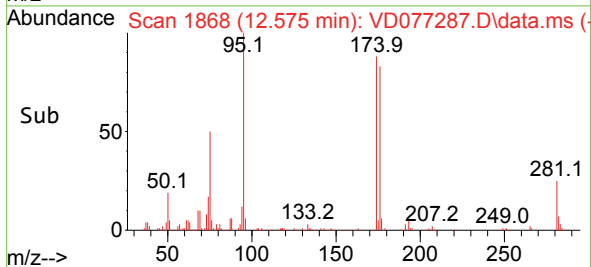
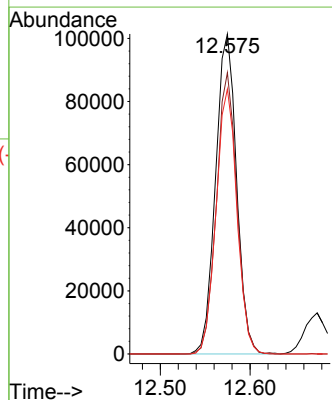
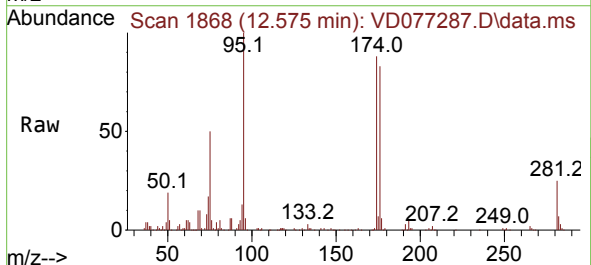
Instrument :
MSVOA_D
ClientSampleId :

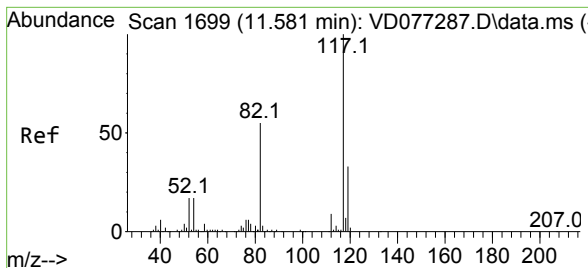
Tgt Ion:107 Resp: 125767
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.708 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

Tgt Ion: 95 Resp: 164687
Ion Ratio Lower Upper
95 100
174 86.0 0.0 201.8
176 82.2 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

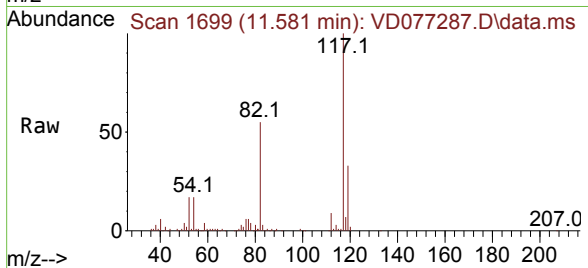
Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

Instrument :

MSVOA_D

ClientSampleId :



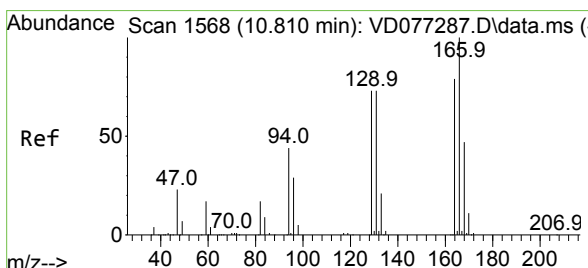
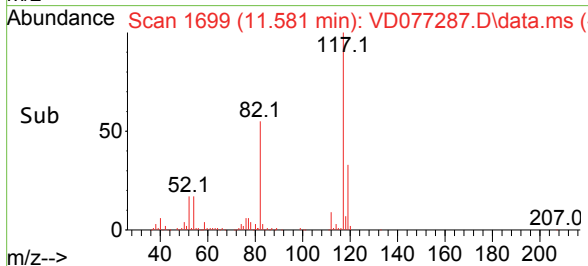
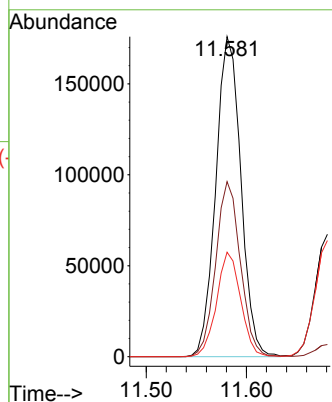
Tgt Ion:117 Resp: 305595

Ion Ratio Lower Upper

117 100

82 54.7 38.3 57.5

119 32.7 25.0 37.4



#64

Tetrachloroethene

Concen: 50.844 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

Tgt Ion:164 Resp: 148295

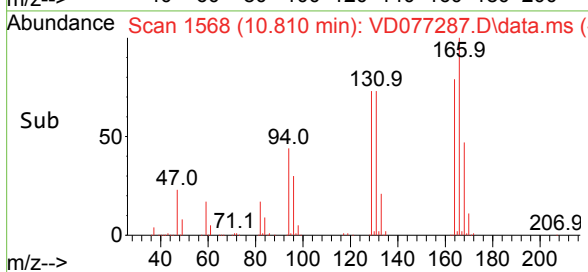
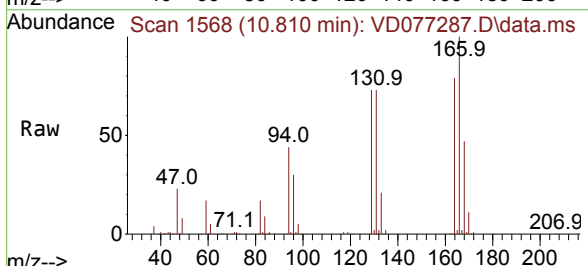
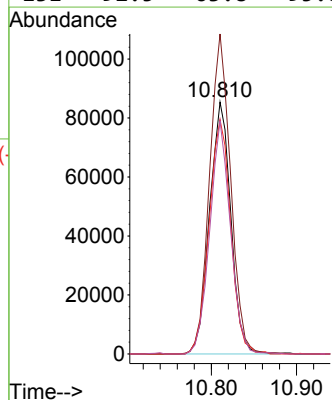
Ion Ratio Lower Upper

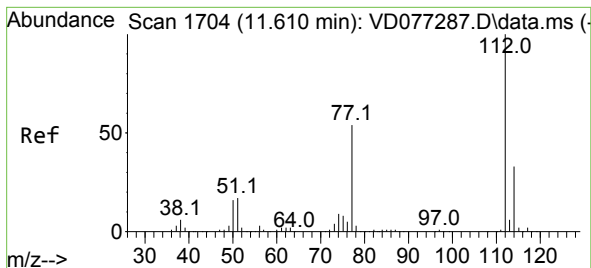
164 100

166 127.1 99.2 148.8

129 93.1 68.4 102.6

131 92.5 63.8 95.8





#65

Chlorobenzene

Concen: 50.168 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

Instrument :

MSVOA_D

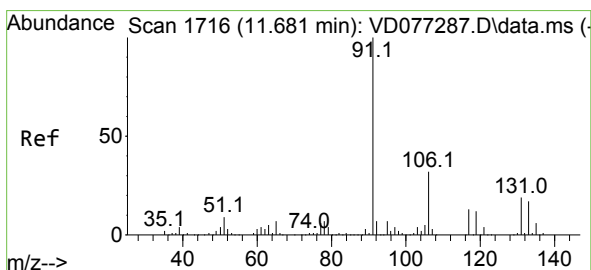
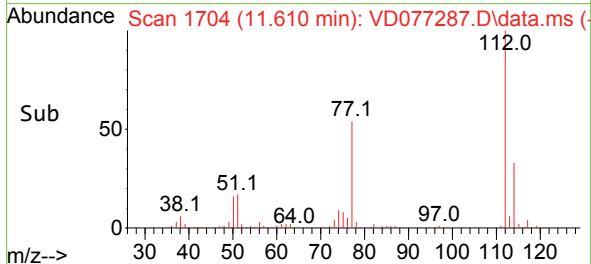
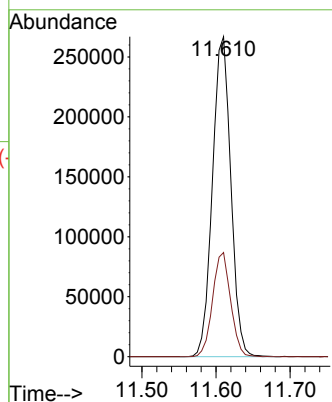
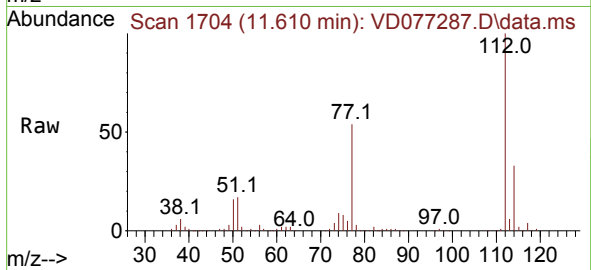
ClientSampleId :

Tgt Ion:112 Resp: 459070

Ion Ratio Lower Upper

112 100

114 32.6 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 51.352 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

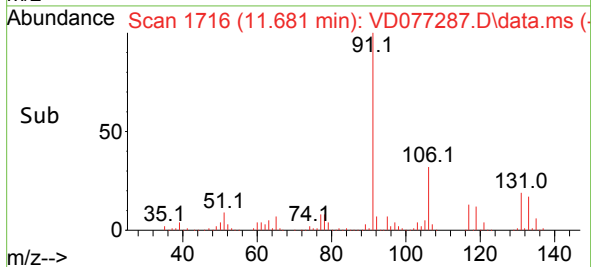
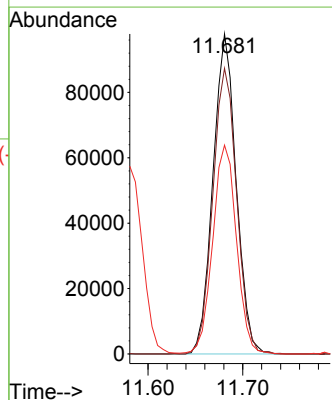
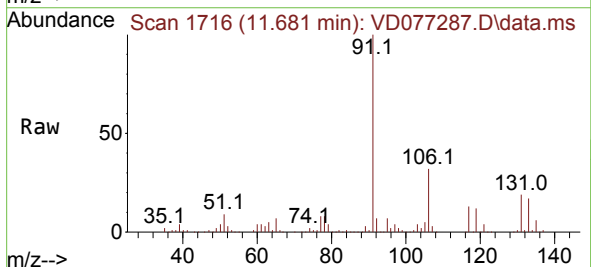
Tgt Ion:131 Resp: 166595

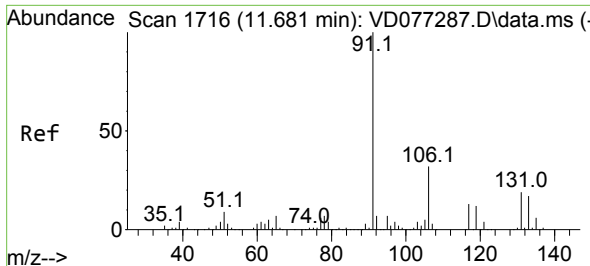
Ion Ratio Lower Upper

131 100

133 91.9 48.5 145.5

119 67.1 35.6 106.9

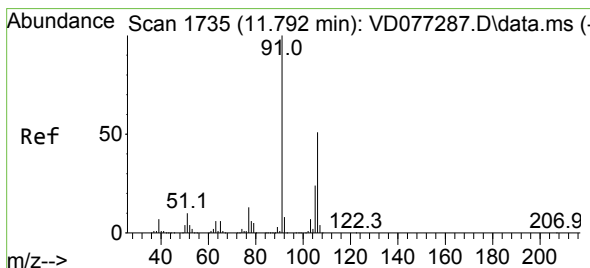
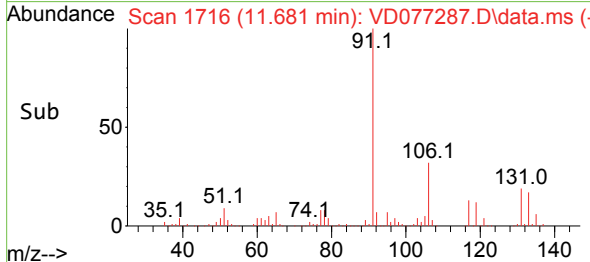
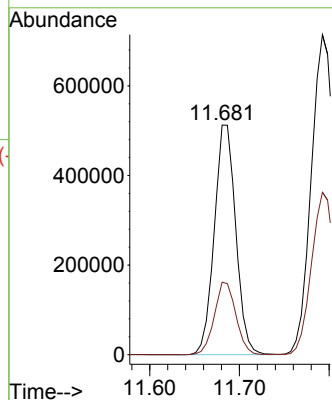
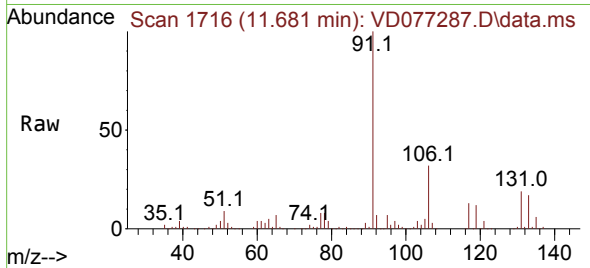




#67
Ethyl Benzene
Concen: 51.715 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

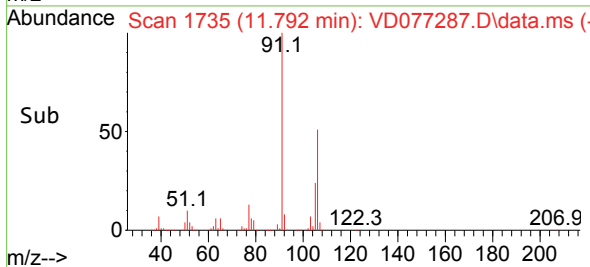
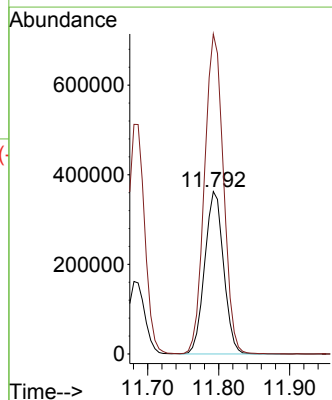
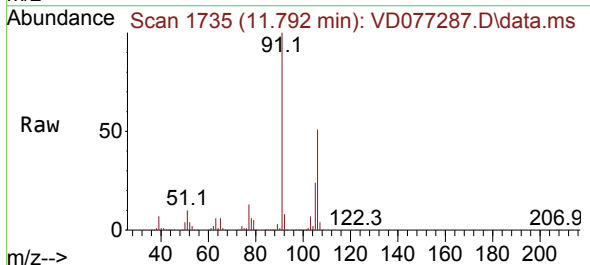
Instrument :
MSVOA_D
ClientSampleId :

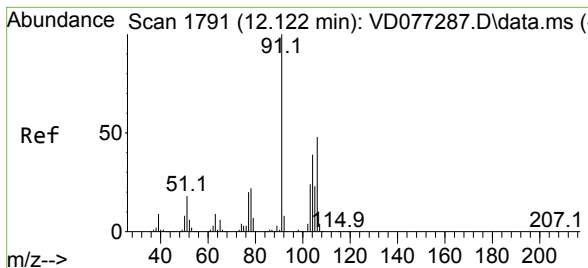
Tgt Ion: 91 Resp: 852621
Ion Ratio Lower Upper
91 100
106 31.6 26.5 39.7



#68
m/p-Xylenes
Concen: 104.771 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

Tgt Ion:106 Resp: 670407
Ion Ratio Lower Upper
106 100
91 198.1 147.0 220.6





#69

o-Xylene

Concen: 53.065 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

Instrument :

MSVOA_D

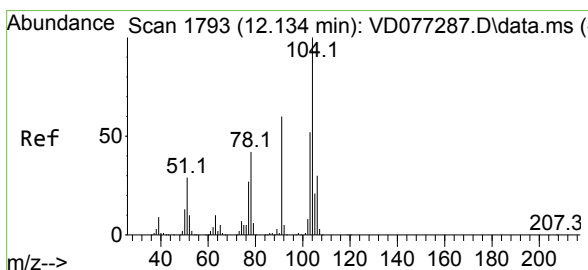
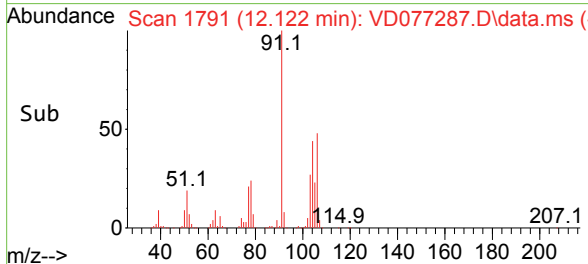
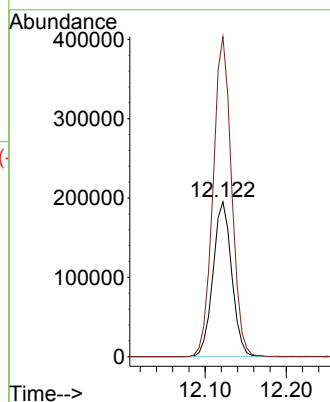
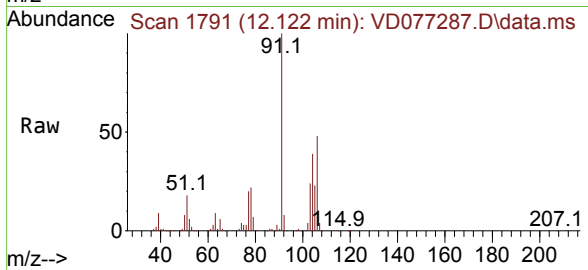
ClientSampleId :

Tgt Ion:106 Resp: 312612

Ion Ratio Lower Upper

106 100

91 204.4 97.9 293.6



#70

Styrene

Concen: 53.619 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

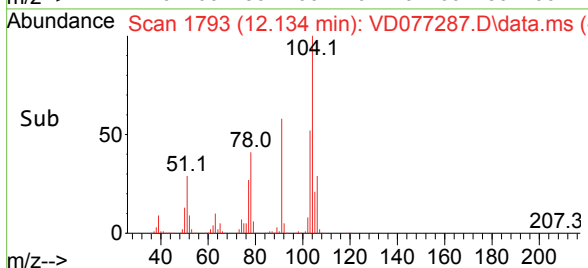
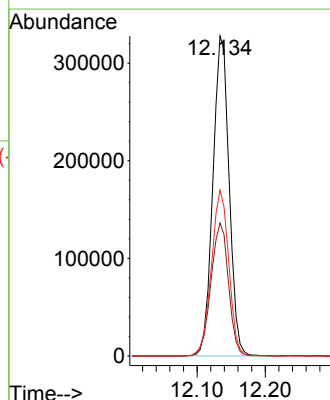
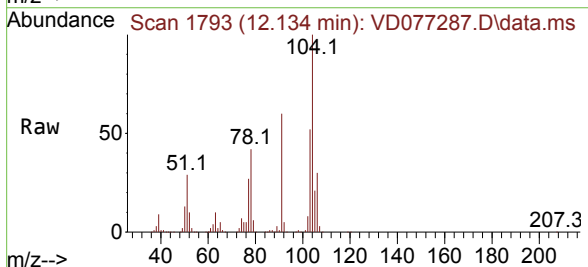
Tgt Ion:104 Resp: 543413

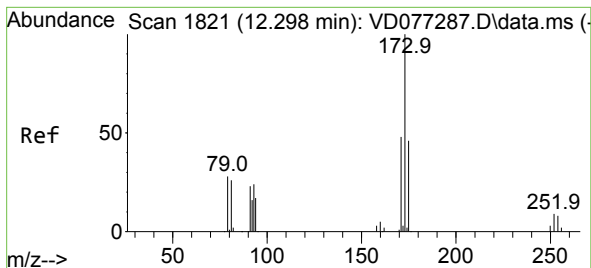
Ion Ratio Lower Upper

104 100

78 45.0 33.2 49.8

103 55.2 43.6 65.4





#71

Bromoform

Concen: 53.258 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077287.D

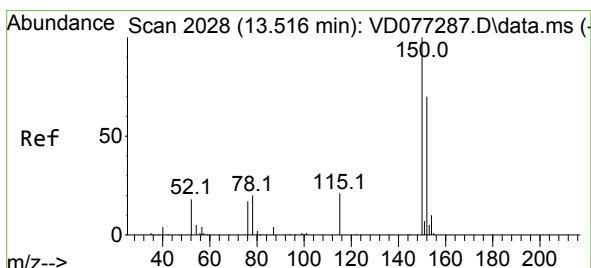
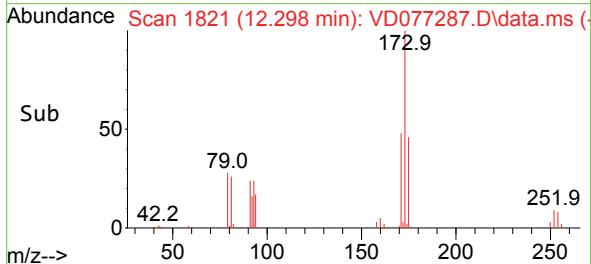
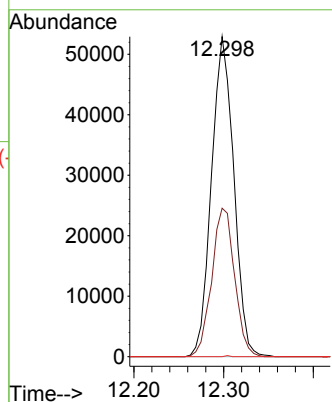
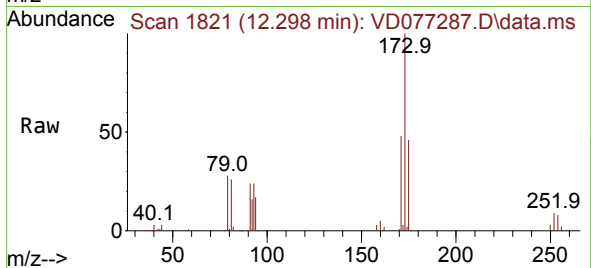
Acq: 06 Oct 2023 13:09

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	91369
Ion Ratio	Lower	Upper
173	100	
175	47.5	24.6 73.8
254	0.1	0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

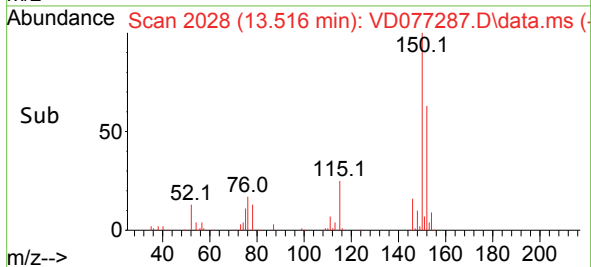
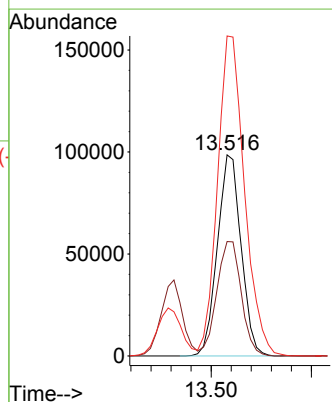
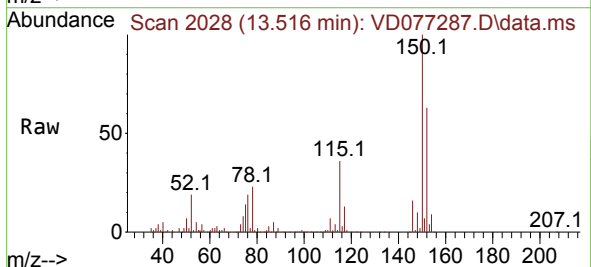
RT: 13.516 min Scan# 2028

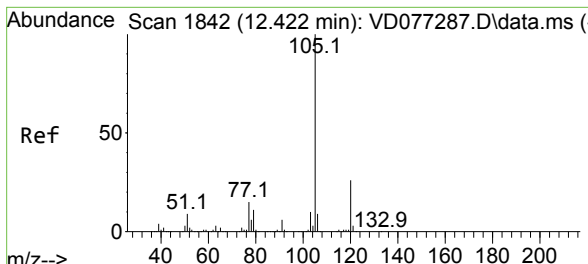
Delta R.T. -0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

Tgt Ion:152	Resp:	161404
Ion Ratio	Lower	Upper
152	100	
115	58.9	27.1 81.3
150	181.3	0.0 353.6

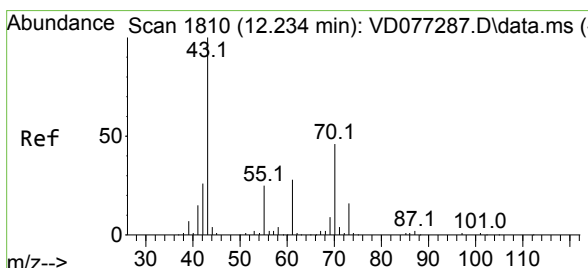
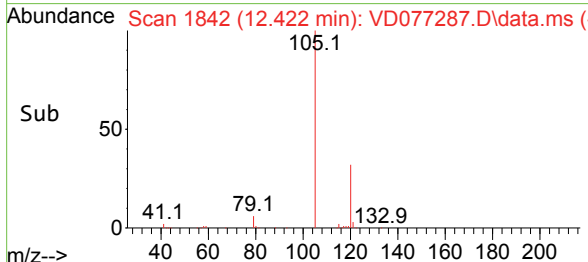
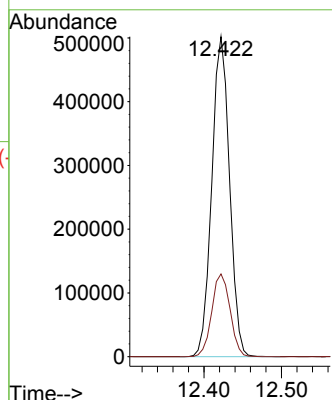
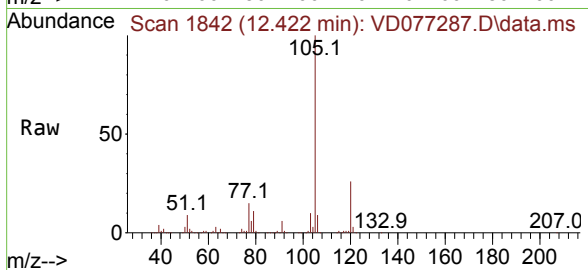




#73
Isopropylbenzene
Concen: 51.113 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

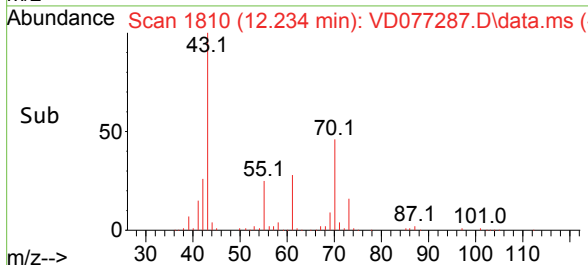
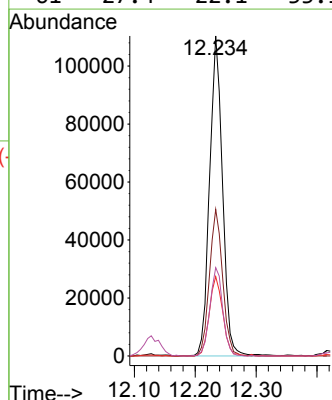
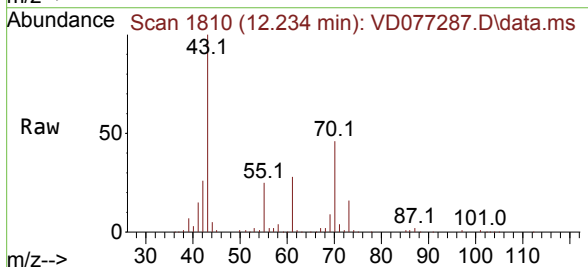
Instrument :
MSVOA_D
ClientSampleId :

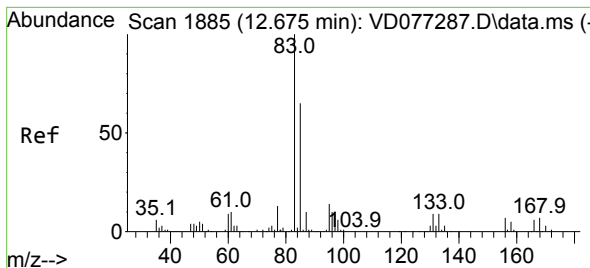
Tgt Ion:105 Resp: 798408
Ion Ratio Lower Upper
105 100
120 26.6 14.3 42.9



#74
N-ethyl acetate
Concen: 50.912 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

Tgt Ion: 43 Resp: 163416
Ion Ratio Lower Upper
43 100
70 46.6 45.0 67.4
55 25.6 23.8 35.6
61 27.4 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.563 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

Instrument :

MSVOA_D

ClientSampleId :

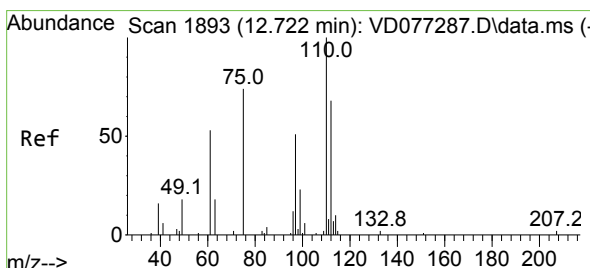
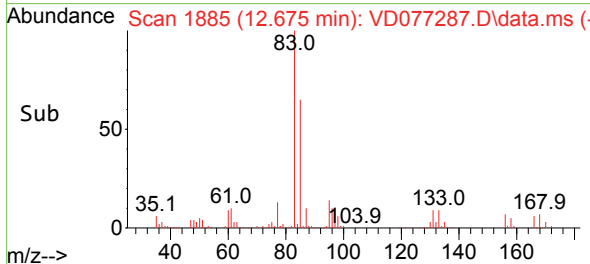
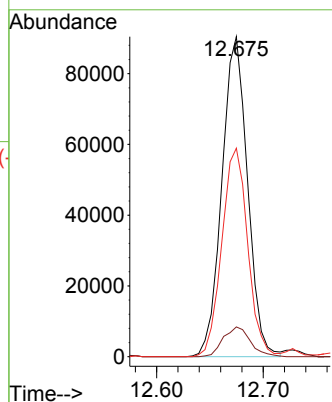
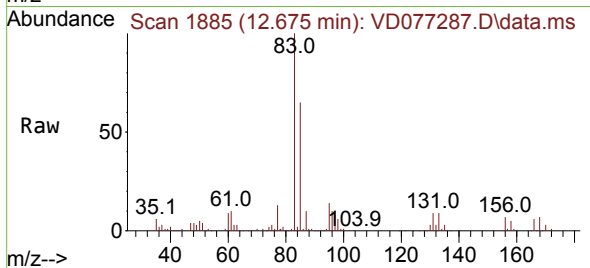
Tgt Ion: 83 Resp: 151102

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.3

85 65.7 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 86.734 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD077287.D

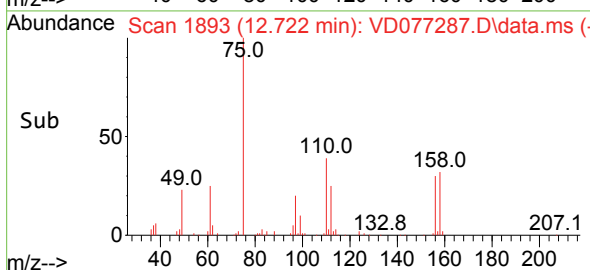
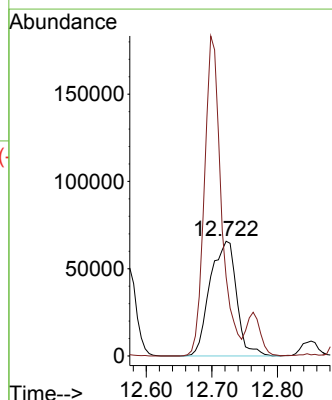
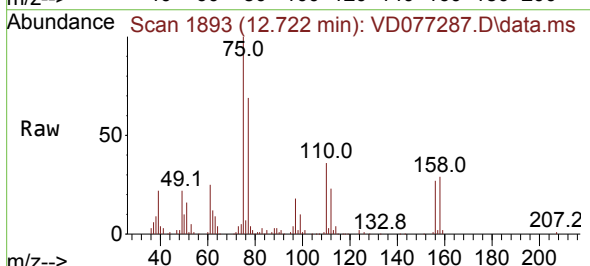
Acq: 06 Oct 2023 13:09

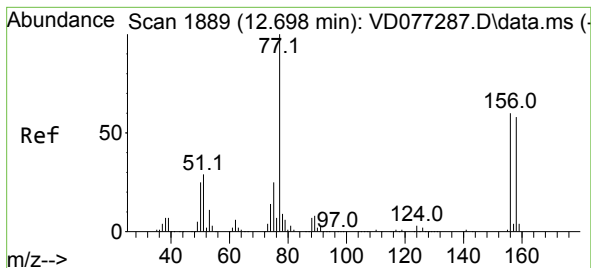
Tgt Ion: 75 Resp: 184542

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.130 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

Instrument :

MSVOA_D

ClientSampleId :

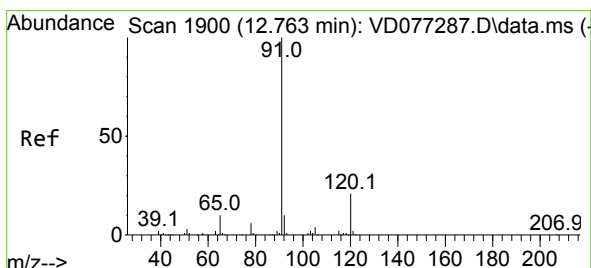
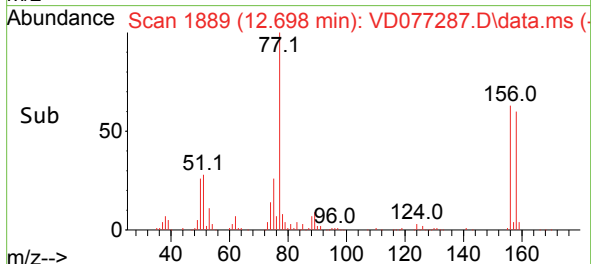
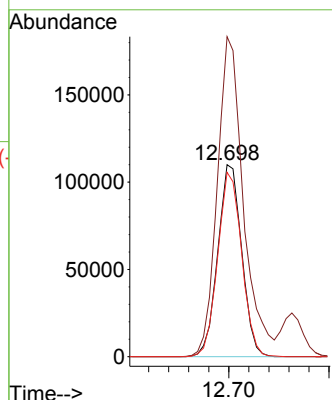
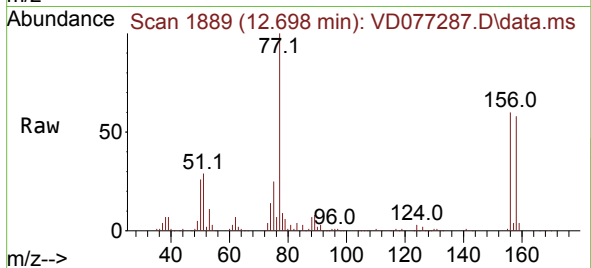
Tgt Ion:156 Resp: 181898

Ion Ratio Lower Upper

156 100

77 182.0 76.8 230.4

158 96.4 48.6 145.9



#78

n-propylbenzene

Concen: 52.076 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077287.D

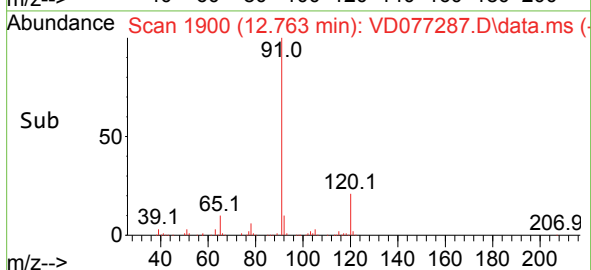
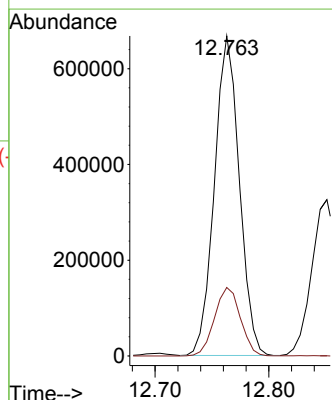
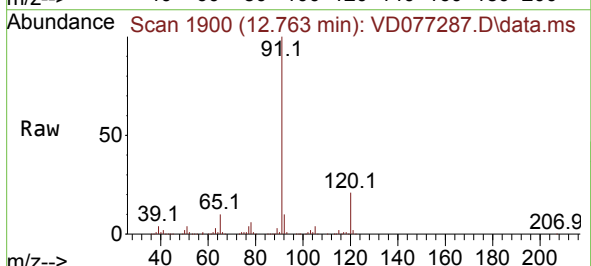
Acq: 06 Oct 2023 13:09

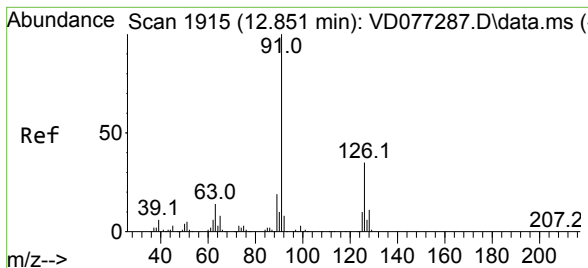
Tgt Ion: 91 Resp: 1015803

Ion Ratio Lower Upper

91 100

120 22.3 12.4 37.2





#79

2-Chlorotoluene

Concen: 50.716 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

Instrument :

MSVOA_D

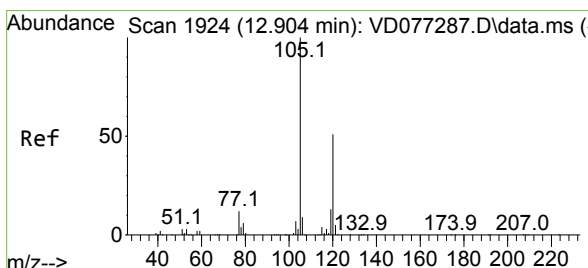
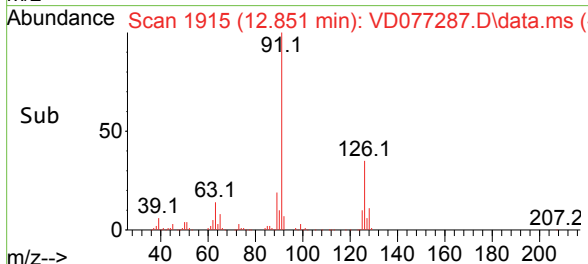
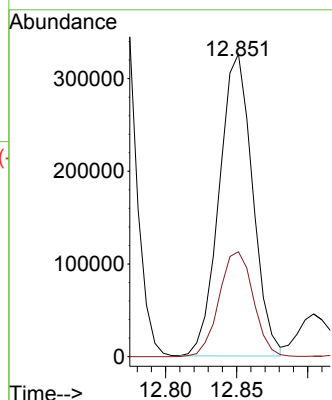
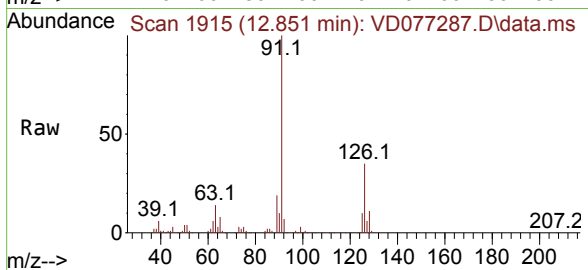
ClientSampleId :

Tgt Ion: 91 Resp: 532895

Ion Ratio Lower Upper

91 100

126 35.6 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 52.293 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077287.D

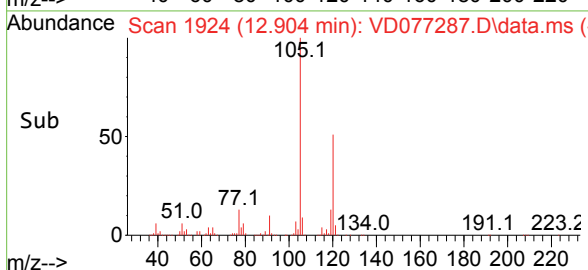
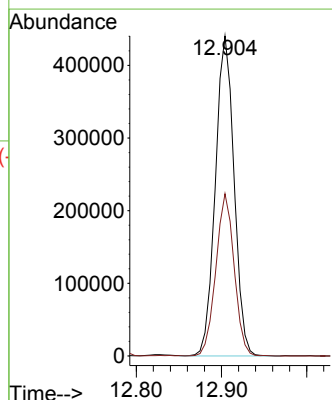
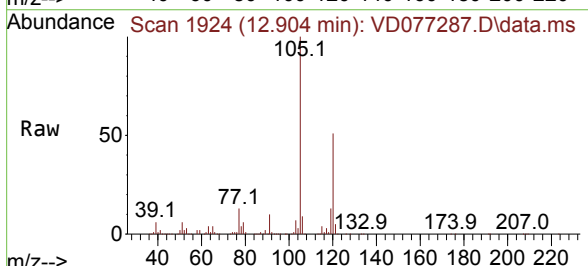
Acq: 06 Oct 2023 13:09

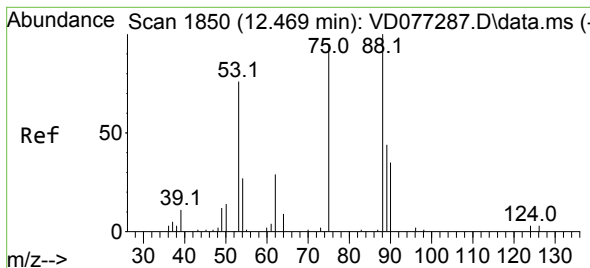
Tgt Ion: 105 Resp: 672706

Ion Ratio Lower Upper

105 100

120 49.6 26.4 79.2

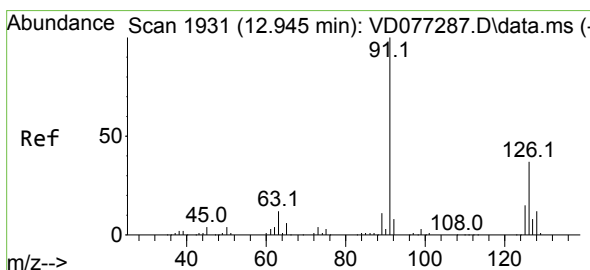
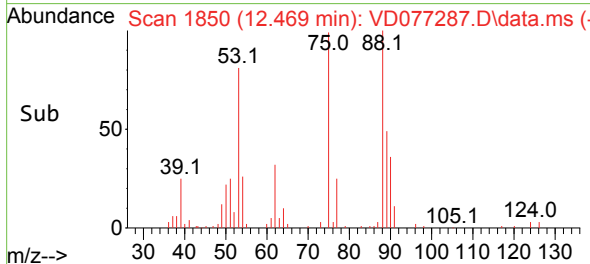
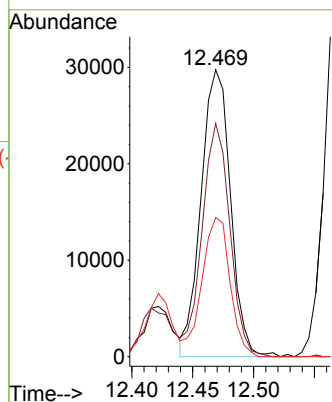
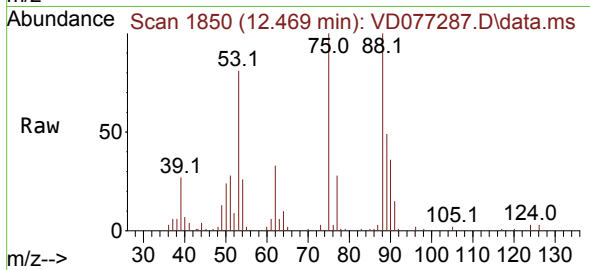




#81
trans-1,4-Dichloro-2-butene
Concen: 50.380 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

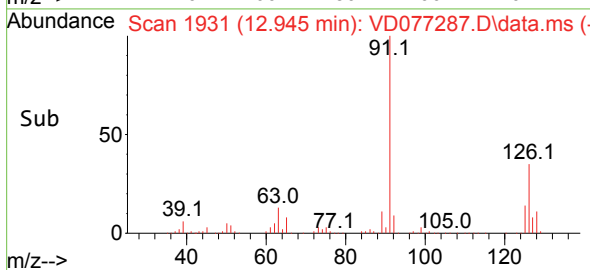
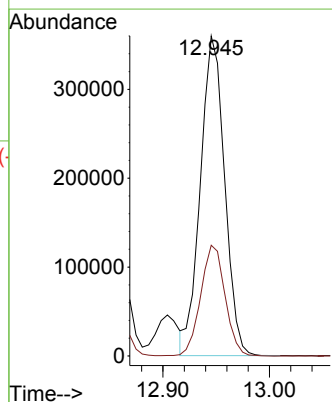
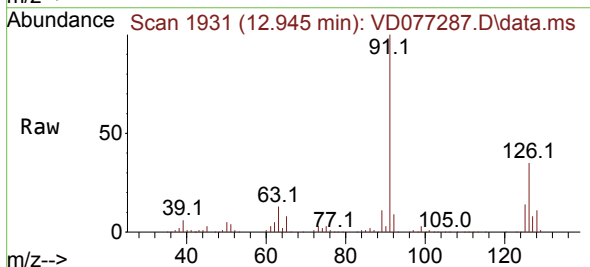
Instrument :
MSVOA_D
ClientSampleId :

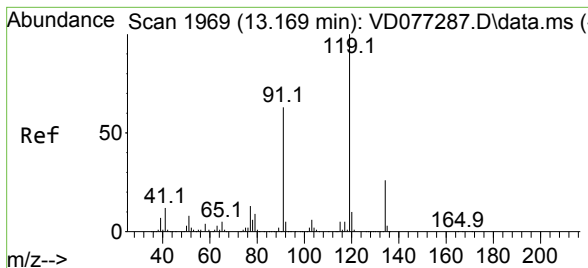
Tgt Ion: 75 Resp: 50084
Ion Ratio Lower Upper
75 100
53 76.7 63.0 94.4
89 46.4 37.9 56.9



#82
4-Chlorotoluene
Concen: 51.176 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

Tgt Ion: 91 Resp: 569056
Ion Ratio Lower Upper
91 100
126 34.9 19.4 58.4





#83

tert-Butylbenzene

Concen: 51.762 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

Instrument :

MSVOA_D

ClientSampleId :

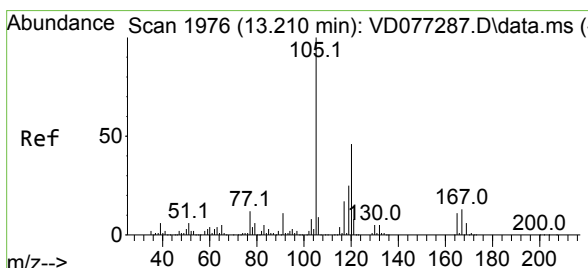
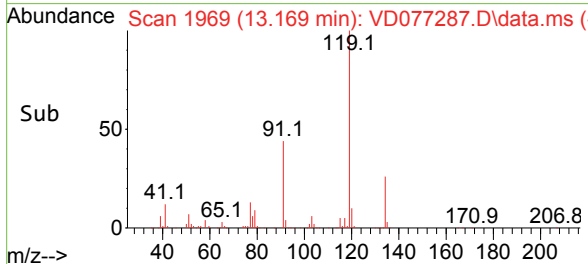
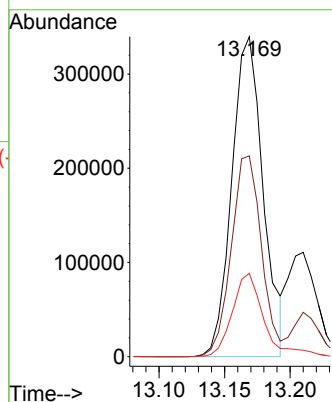
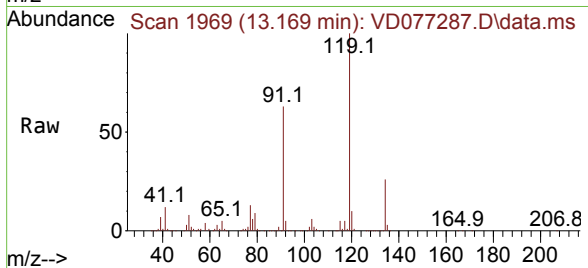
Tgt Ion:119 Resp: 565979

Ion Ratio Lower Upper

119 100

91 60.4 29.3 87.8

134 26.2 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 52.782 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077287.D

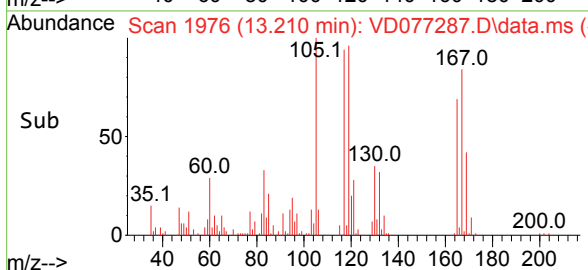
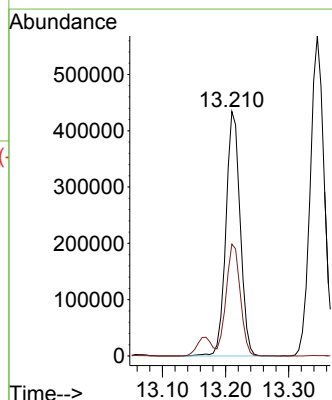
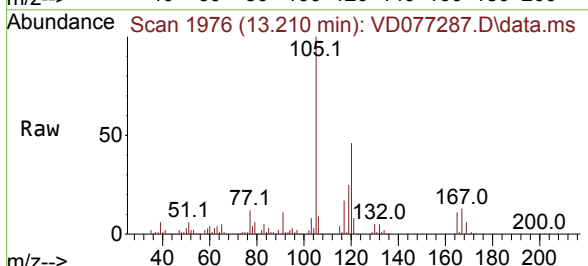
Acq: 06 Oct 2023 13:09

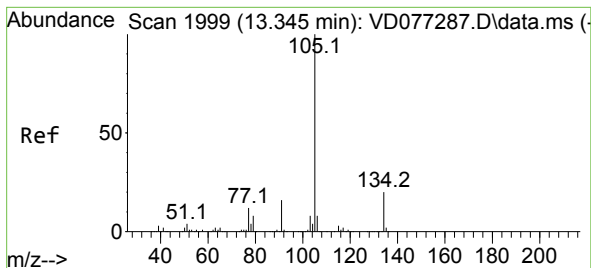
Tgt Ion:105 Resp: 682110

Ion Ratio Lower Upper

105 100

120 45.3 24.3 72.9





#85

sec-Butylbenzene

Concen: 51.565 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

Instrument :

MSVOA_D

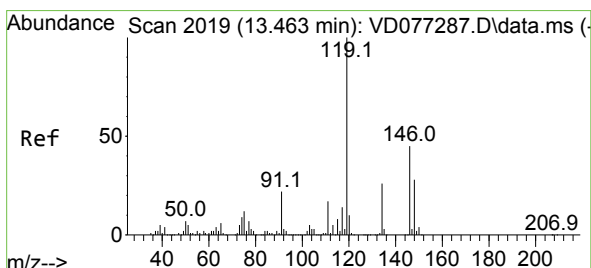
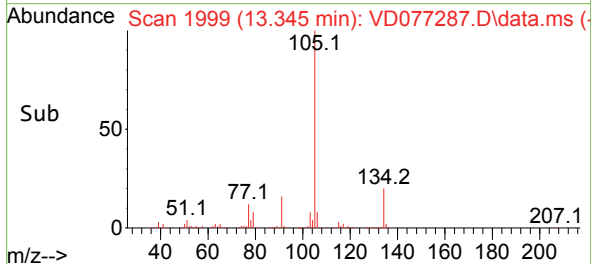
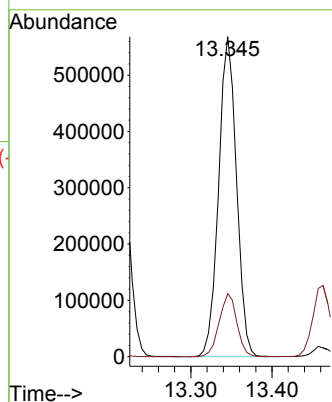
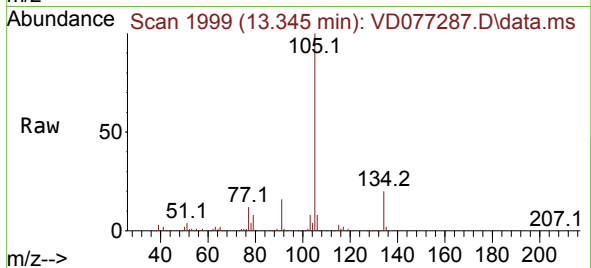
ClientSampleId :

Tgt Ion:105 Resp: 870239

Ion Ratio Lower Upper

105 100

134 19.5 10.9 32.9



#86

p-Isopropyltoluene

Concen: 52.290 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

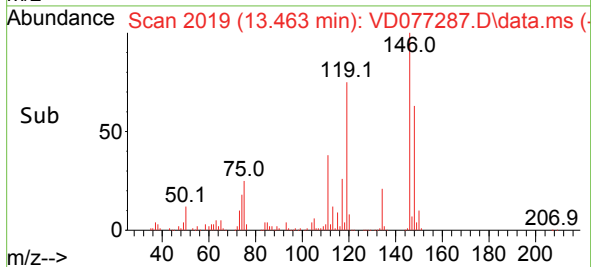
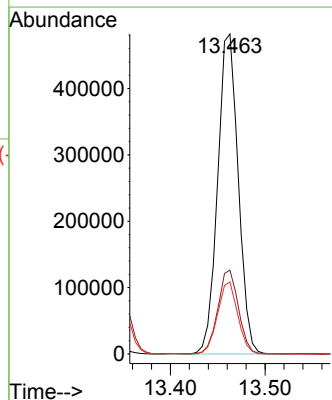
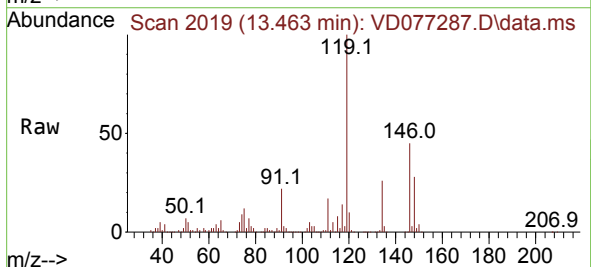
Tgt Ion:119 Resp: 729310

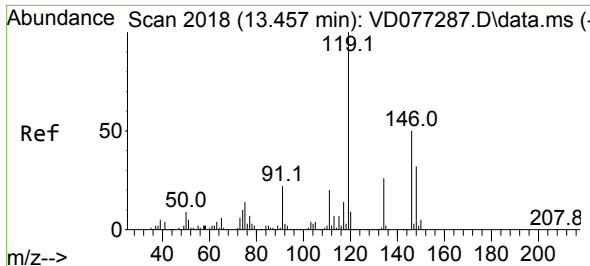
Ion Ratio Lower Upper

119 100

134 26.3 14.2 42.6

91 22.0 10.5 31.5

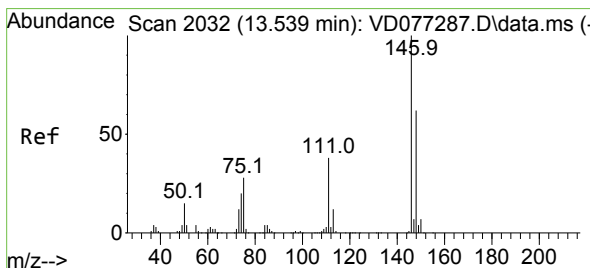
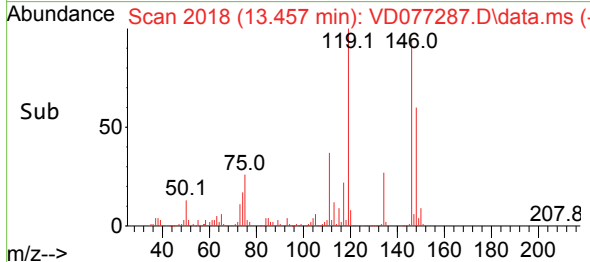
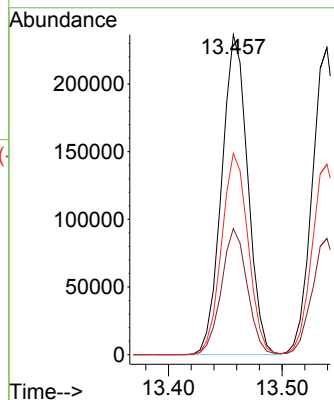
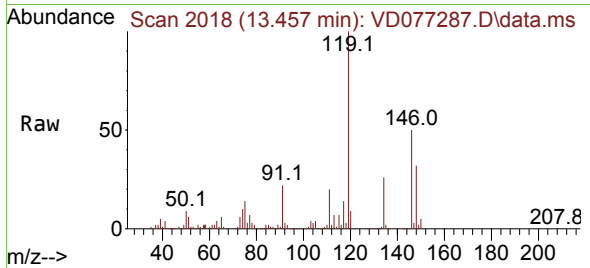




#87
 1,3-Dichlorobenzene
 Concen: 50.609 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD077287.D
 Acq: 06 Oct 2023 13:09

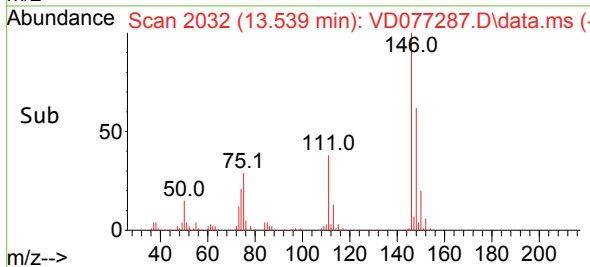
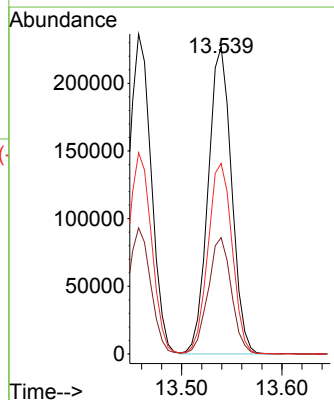
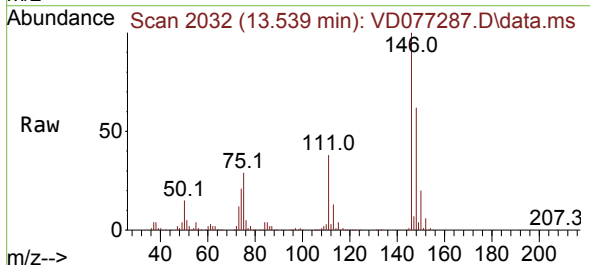
Instrument :
 MSVOA_D
 ClientSampleId :

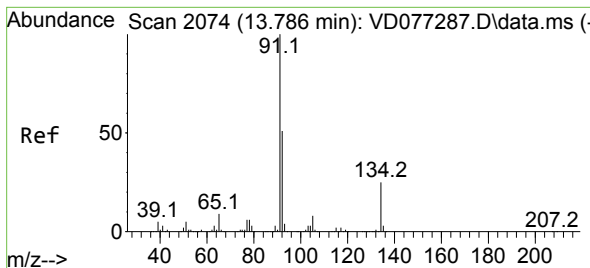
Tgt Ion:146 Resp: 377040
 Ion Ratio Lower Upper
 146 100
 111 39.1 17.9 53.8
 148 64.0 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 50.346 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD077287.D
 Acq: 06 Oct 2023 13:09

Tgt Ion:146 Resp: 369743
 Ion Ratio Lower Upper
 146 100
 111 37.8 17.4 52.3
 148 64.0 31.7 95.1





#89

n-Butylbenzene

Concen: 52.091 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

Instrument :

MSVOA_D

ClientSampleId :

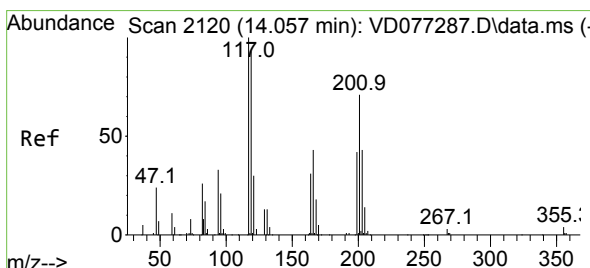
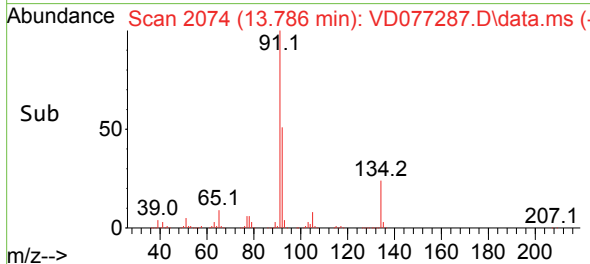
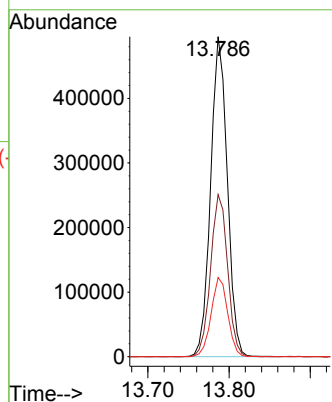
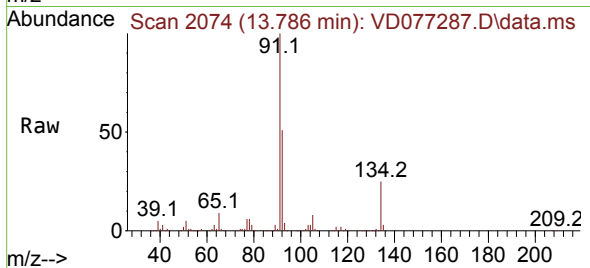
Tgt Ion: 91 Resp: 705610

Ion Ratio Lower Upper

91 100

92 51.8 26.5 79.5

134 24.7 13.8 41.3



#90

Hexachloroethane

Concen: 49.710 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.000 min

Lab File: VD077287.D

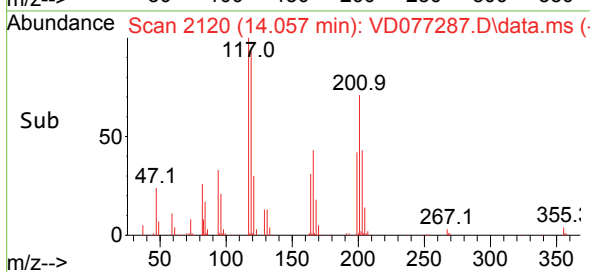
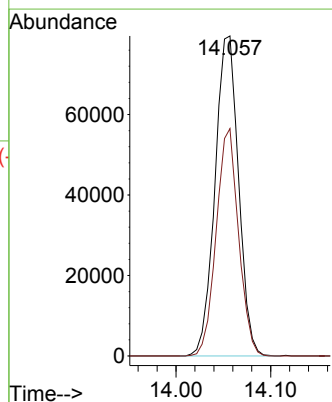
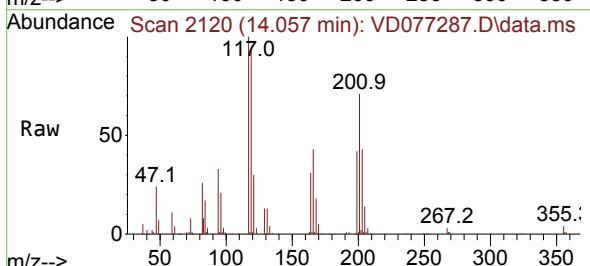
Acq: 06 Oct 2023 13:09

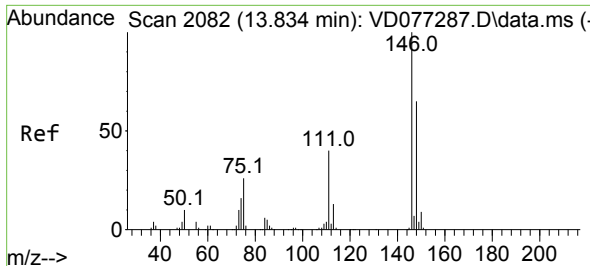
Tgt Ion: 117 Resp: 137522

Ion Ratio Lower Upper

117 100

201 67.4 38.5 115.5

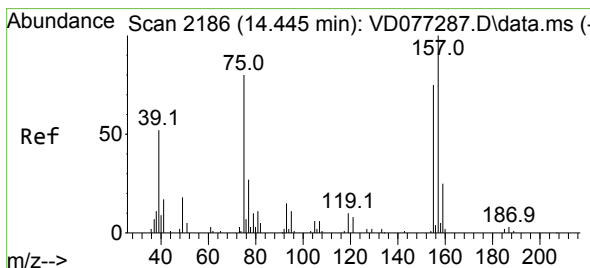
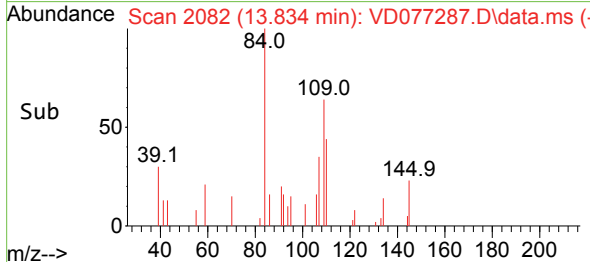
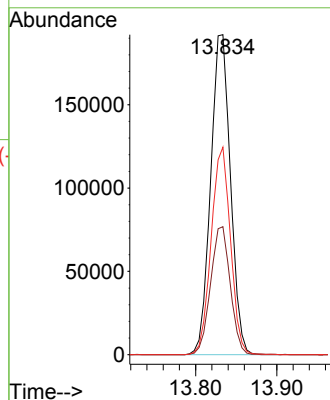
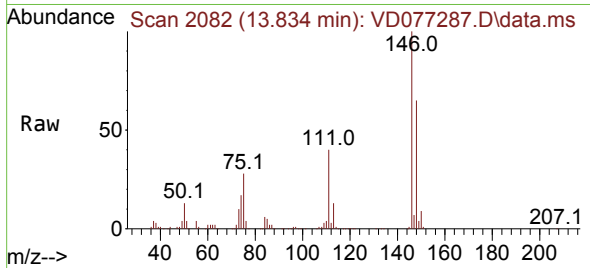




#91
1,2-Dichlorobenzene
Concen: 50.959 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

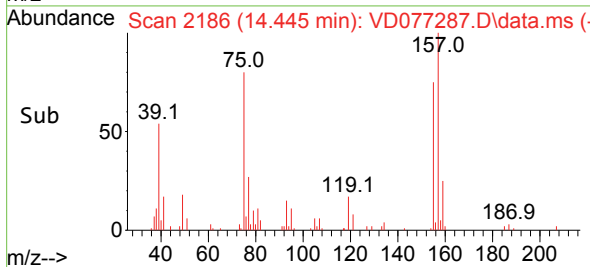
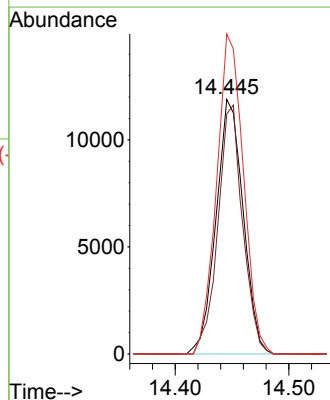
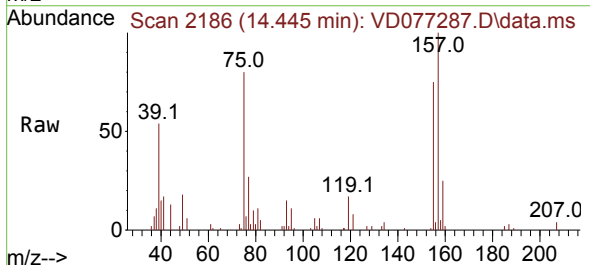
Instrument :
MSVOA_D
ClientSampleId :

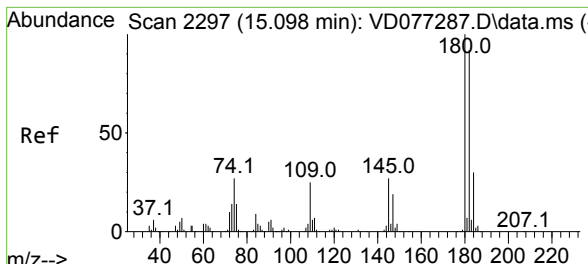
Tgt Ion:146 Resp: 325471
Ion Ratio Lower Upper
146 100
111 39.7 18.3 54.8
148 63.3 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.006 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD077287.D
Acq: 06 Oct 2023 13:09

Tgt Ion: 75 Resp: 19699
Ion Ratio Lower Upper
75 100
155 89.5 47.9 143.8
157 124.8 59.9 179.7

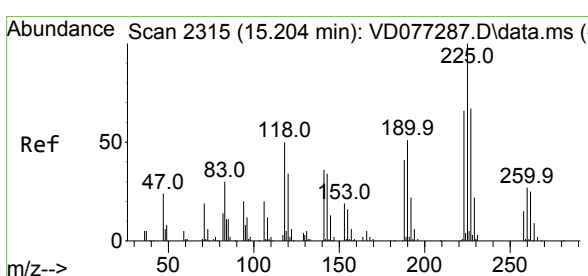
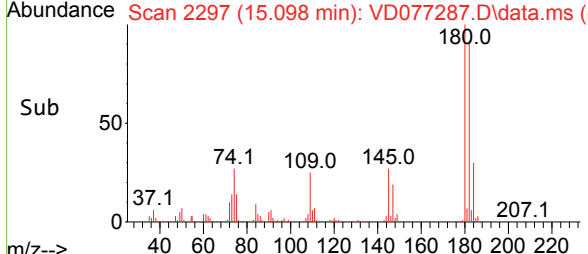
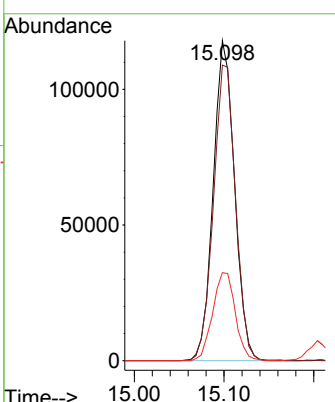
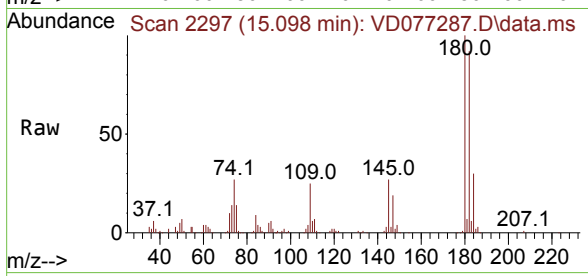




#93
 1,2,4-Trichlorobenzene
 Concen: 49.810 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD077287.D
 Acq: 06 Oct 2023 13:09

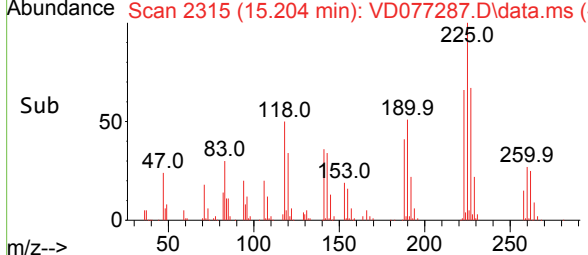
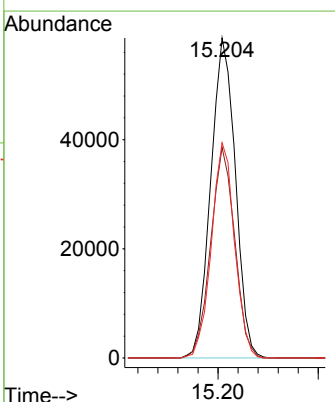
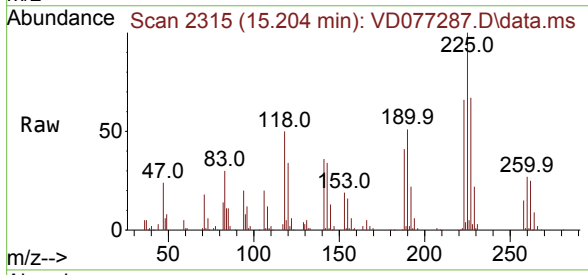
Instrument :
 MSVOA_D
 ClientSampleId :

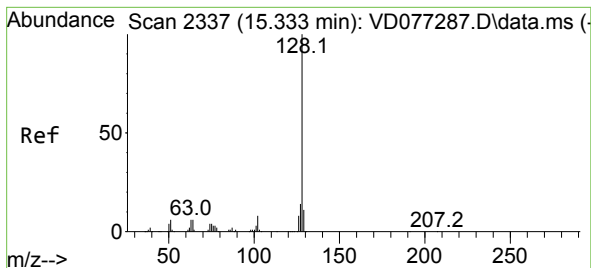
Tgt Ion:	180	Resp:	194210
Ion Ratio	Lower	Upper	
180	100		
182	96.0	48.5	145.6
145	29.3	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 49.753 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD077287.D
 Acq: 06 Oct 2023 13:09

Tgt Ion:	225	Resp:	99694
Ion Ratio	Lower	Upper	
225	100		
223	64.4	31.6	94.8
227	63.3	31.7	95.1





#95

Naphthalene

Concen: 50.426 ug/l

RT: 15.333 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

Instrument :

MSVOA_D

ClientSampleId :

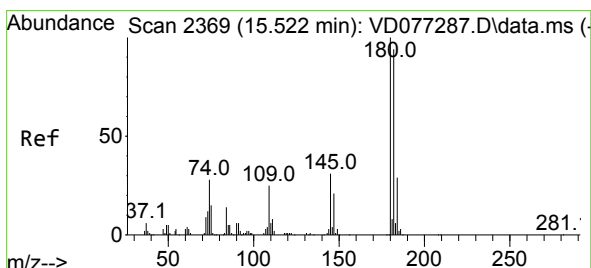
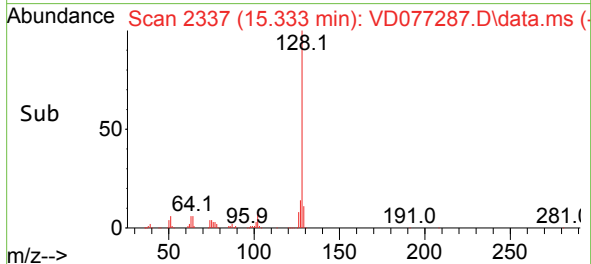
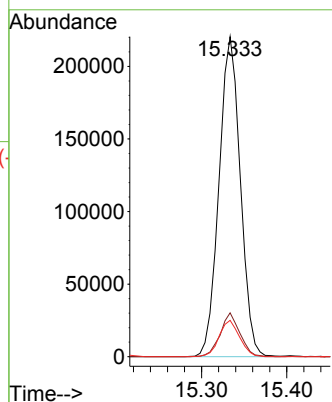
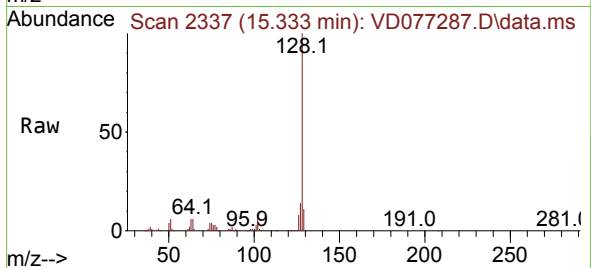
Tgt Ion:128 Resp: 384609

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

129 11.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 50.833 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077287.D

Acq: 06 Oct 2023 13:09

Tgt Ion:180 Resp: 173377

Ion Ratio Lower Upper

180 100

182 95.6 47.3 141.9

145 30.7 15.1 45.3

