

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100623\
 Data File : VD077290.D
 Acq On : 06 Oct 2023 16:43
 Operator : JC/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 09 09:38:50 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	7.869	168	191623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	329469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	312097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	165107	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	45936	18.982	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	37.960%#
35) Dibromofluoromethane	7.804	113	51783	18.215	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	36.420%#
50) Toluene-d8	10.269	98	181369	17.708	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	35.420%#
62) 4-Bromofluorobenzene	12.575	95	63506	19.498	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	39.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	54038	21.030	ug/l	97
3) Chloromethane	2.146	50	85283	20.923	ug/l	99
4) Vinyl Chloride	2.281	62	103039	20.905	ug/l	97
5) Bromomethane	2.675	94	62065	17.560	ug/l	97
6) Chloroethane	2.828	64	64368	20.294	ug/l	96
7) Trichlorofluoromethane	3.164	101	104249	20.259	ug/l	97
8) Diethyl Ether	3.593	74	29121	18.868	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.952	101	63440	20.070	ug/l	97
10) Methyl Iodide	4.158	142	74191	18.702	ug/l #	88
11) Tert butyl alcohol	5.052	59	18018	102.259	ug/l #	73
12) 1,1-Dichloroethene	3.934	96	60948	19.762	ug/l	91
13) Acrolein	3.793	56	10519	77.830	ug/l	99
14) Allyl chloride	4.563	41	78309	19.104	ug/l	93
15) Acrylonitrile	5.252	53	68729	95.933	ug/l	99
16) Acetone	4.016	43	62784	95.356	ug/l #	82
17) Carbon Disulfide	4.263	76	205989	20.041	ug/l	98
18) Methyl Acetate	4.558	43	48970	18.793	ug/l	89
19) Methyl tert-butyl Ether	5.316	73	127339	19.133	ug/l	98
20) Methylene Chloride	4.793	84	95964	18.698	ug/l	89
21) trans-1,2-Dichloroethene	5.305	96	72061	19.574	ug/l	90
22) Diisopropyl ether	6.216	45	174561	19.622	ug/l	95
23) Vinyl Acetate	6.152	43	410287	111.715	ug/l	94
24) 1,1-Dichloroethane	6.110	63	119895	19.413	ug/l	99
25) 2-Butanone	7.081	43	84667	94.998	ug/l	90
26) 2,2-Dichloropropane	7.075	77	100164	19.209	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	80028	19.741	ug/l	95
28) Bromochloromethane	7.422	49	46557	19.307	ug/l #	78
29) Tetrahydrofuran	7.446	42	48920	95.711	ug/l	85
30) Chloroform	7.593	83	125876	19.663	ug/l	92
31) Cyclohexane	7.875	56	100787	20.112	ug/l	88
32) 1,1,1-Trichloroethane	7.787	97	102748	19.083	ug/l	99
36) 1,1-Dichloropropene	8.004	75	95898	20.014	ug/l	96
37) Ethyl Acetate	7.169	43	36507	18.979	ug/l	95
38) Carbon Tetrachloride	7.993	117	86415	19.358	ug/l	95
39) Methylcyclohexane	9.275	83	110169	19.797	ug/l	90
40) Benzene	8.252	78	280435	19.303	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	19296	17.903	ug/l #	89
42) 1,2-Dichloroethane	8.322	62	65684	19.010	ug/l	97
43) Isopropyl Acetate	8.357	43	66171	18.731	ug/l #	92
44) Trichloroethene	9.028	130	74117	20.096	ug/l	96
45) 1,2-Dichloropropane	9.304	63	69726	19.192	ug/l	100
46) Dibromomethane	9.393	93	36127	18.408	ug/l	91
47) Bromodichloromethane	9.587	83	89596	18.933	ug/l	100
48) Methyl methacrylate	9.381	41	29505	18.258	ug/l	86
49) 1,4-Dioxane	9.393	88	7456	361.514	ug/l #	82
51) 4-Methyl-2-Pentanone	10.157	43	175647	95.486	ug/l	89
52) Toluene	10.334	92	175782	19.485	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	84568	18.883	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	104465	19.036	ug/l #	94
55) 1,1,2-Trichloroethane	10.734	97	49266	18.322	ug/l	95
56) Ethyl methacrylate	10.598	69	55552	18.393	ug/l	89
57) 1,3-Dichloropropane	10.881	76	86380	19.329	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	135287	93.389	ug/l	94
59) 2-Hexanone	10.922	43	125702	95.479	ug/l	87
60) Dibromochloromethane	11.075	129	60394	19.339	ug/l	99
61) 1,2-Dibromoethane	11.181	107	47472	18.989	ug/l	98
64) Tetrachloroethene	10.810	164	57034	19.147	ug/l #	84
65) Chlorobenzene	11.610	112	185324	19.830	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	62871	18.976	ug/l	98
67) Ethyl Benzene	11.681	91	326265	19.377	ug/l	95
68) m/p-Xylenes	11.793	106	257101	39.343	ug/l	90
69) o-Xylene	12.122	106	116407	19.348	ug/l	89
70) Styrene	12.134	104	206028	19.905	ug/l	99
71) Bromoform	12.298	173	32996	18.832	ug/l #	98
73) Isopropylbenzene	12.422	105	301466	18.866	ug/l	96
74) N-amyl acetate	12.234	43	60196	18.333	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.669	83	59236	18.611	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	71702	32.944	ug/l #	100
77) Bromobenzene	12.698	156	67880	18.653	ug/l	85
78) n-propylbenzene	12.763	91	390612	19.576	ug/l	95
79) 2-Chlorotoluene	12.851	91	206871	19.246	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	257714	19.584	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	19256	18.936	ug/l	93
82) 4-Chlorotoluene	12.945	91	224960	19.777	ug/l	94
83) tert-Butylbenzene	13.169	119	211938	18.948	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	257826	19.503	ug/l	94
85) sec-Butylbenzene	13.345	105	335788	19.451	ug/l	96
86) p-Isopropyltoluene	13.463	119	274766	19.258	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	149107	19.565	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	148765	19.802	ug/l	98
89) n-Butylbenzene	13.787	91	270316	19.508	ug/l	97
90) Hexachloroethane	14.051	117	52701	18.623	ug/l	87
91) 1,2-Dichlorobenzene	13.828	146	127654	19.539	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.439	75	8085	19.261	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	76556	19.194	ug/l	97
94) Hexachlorobutadiene	15.204	225	38700	18.880	ug/l	99
95) Naphthalene	15.334	128	140093	17.955	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	66609	19.091	ug/l	99

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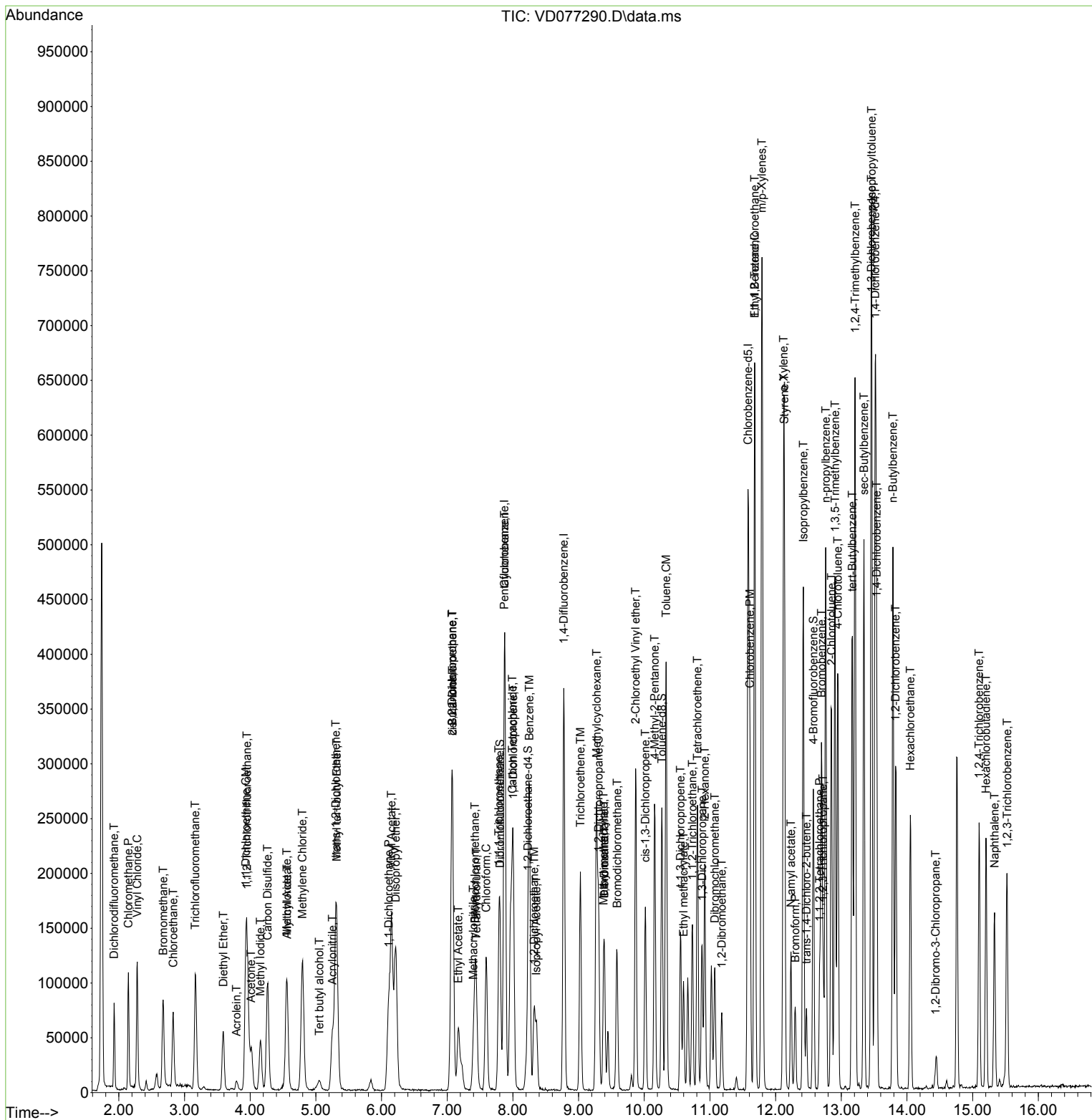
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MSVOA_D
ClientSampleId :

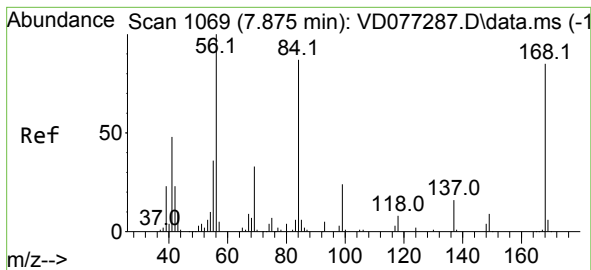
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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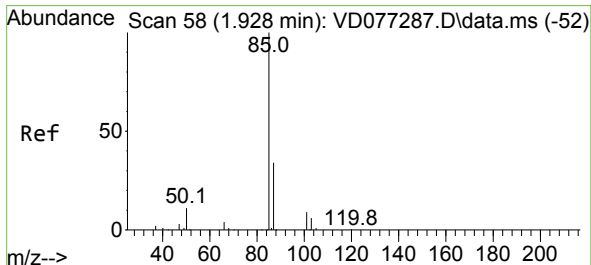
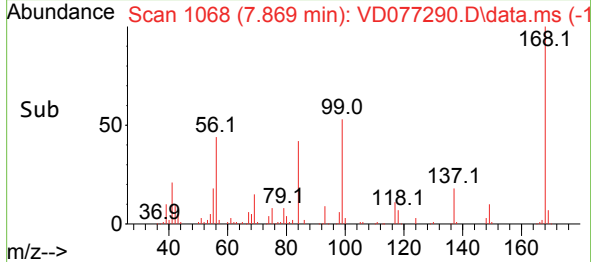
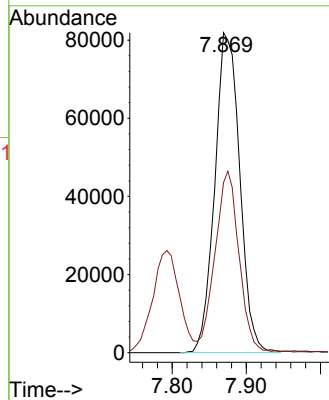
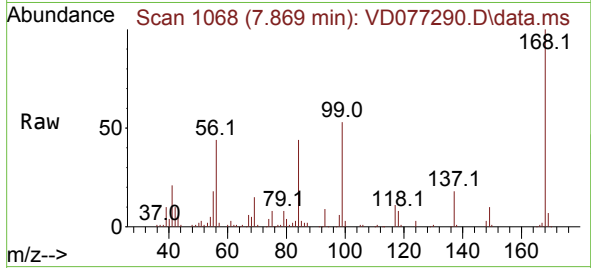




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

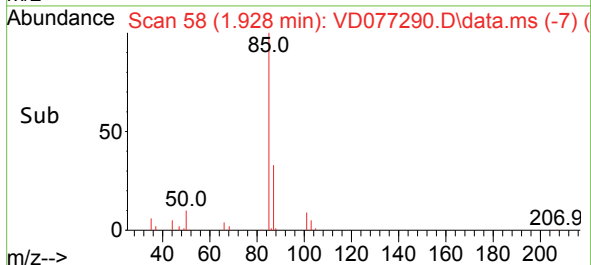
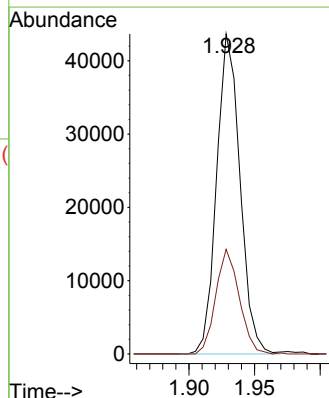
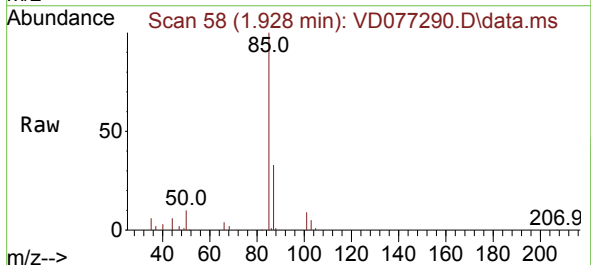
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ClientSampleId :

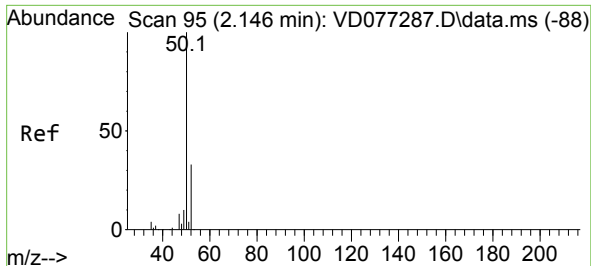
Tgt Ion:168 Resp: 191623
Ion Ratio Lower Upper
168 100
99 52.7 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 21.030 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

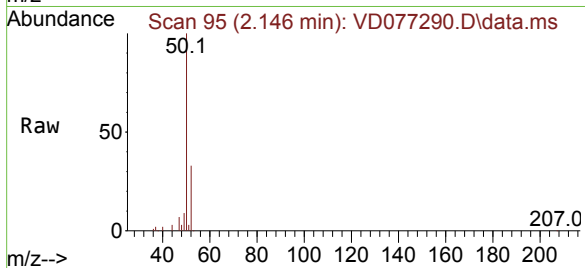
Tgt Ion: 85 Resp: 54038
Ion Ratio Lower Upper
85 100
87 32.7 15.7 47.0



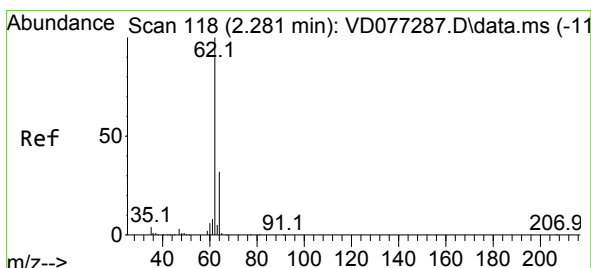
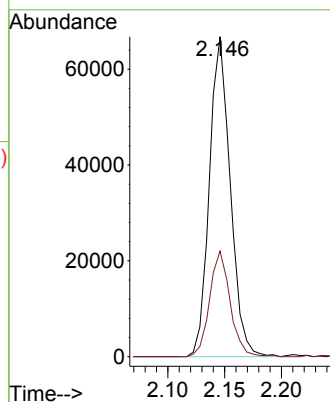
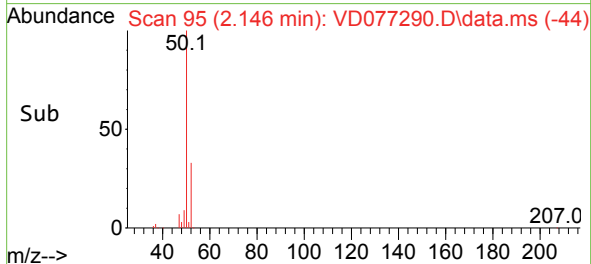


#3
Chloromethane
Concen: 20.923 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Instrument :
MSVOA_D
ClientSampleId :

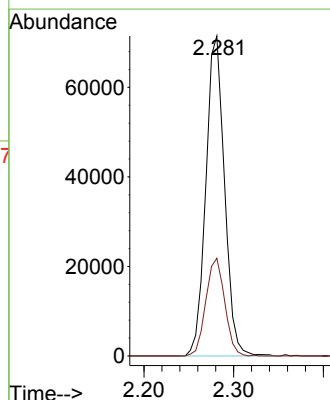
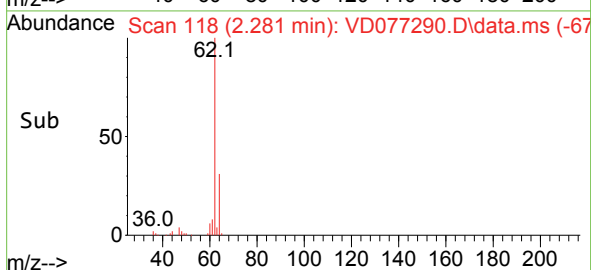
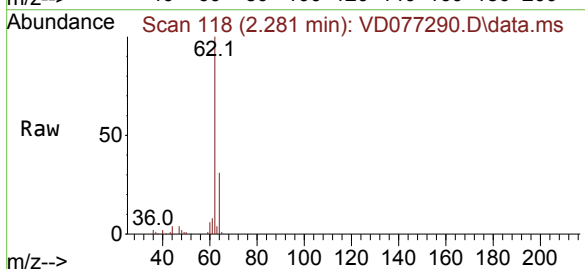


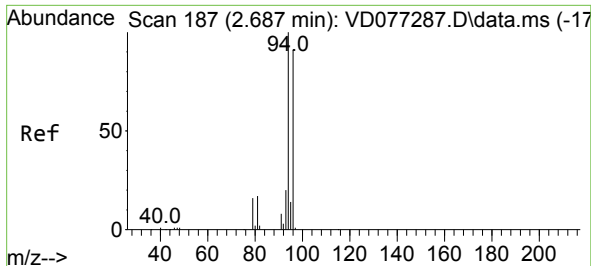
Tgt Ion: 50 Resp: 85283
Ion Ratio Lower Upper
50 100
52 33.0 26.6 40.0



#4
Vinyl Chloride
Concen: 20.905 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion: 62 Resp: 103039
Ion Ratio Lower Upper
62 100
64 30.6 26.0 39.0

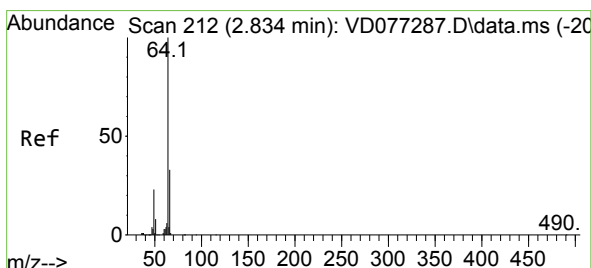
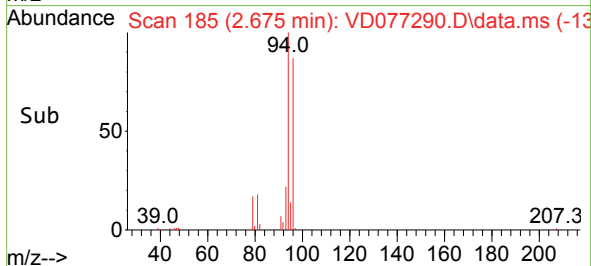
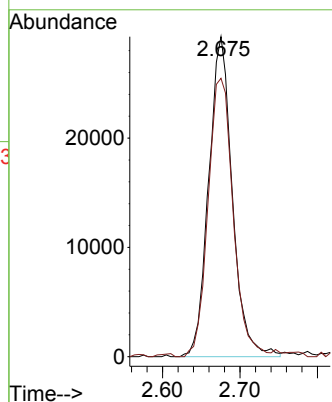
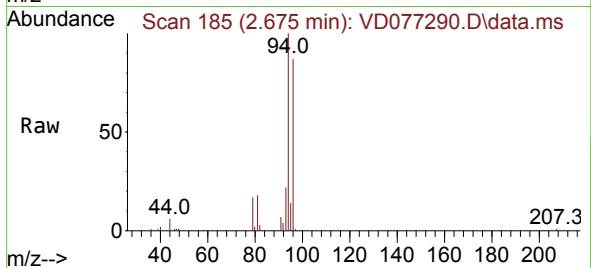




#5
Bromomethane
Concen: 17.560 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

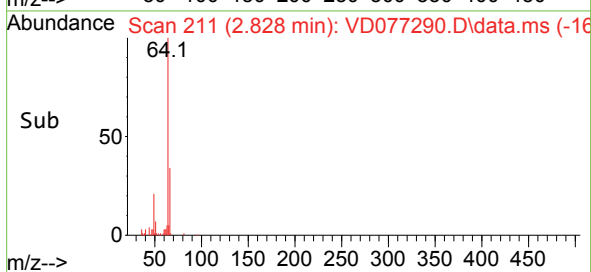
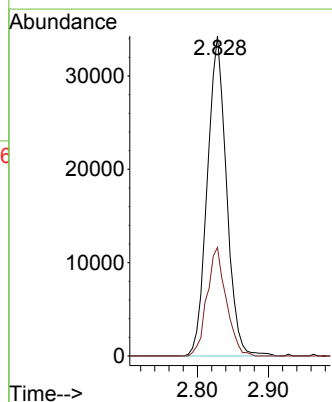
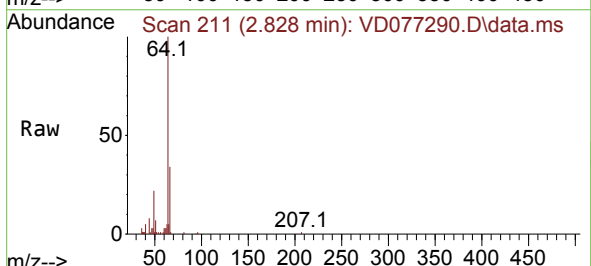
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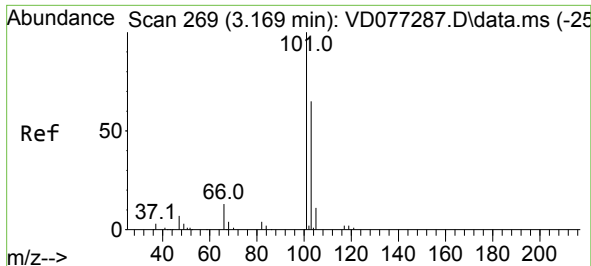
Tgt Ion: 94 Resp: 62065
Ion Ratio Lower Upper
94 100
96 92.1 75.8 113.8



#6
Chloroethane
Concen: 20.294 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion: 64 Resp: 64368
Ion Ratio Lower Upper
64 100
66 33.9 25.5 38.3

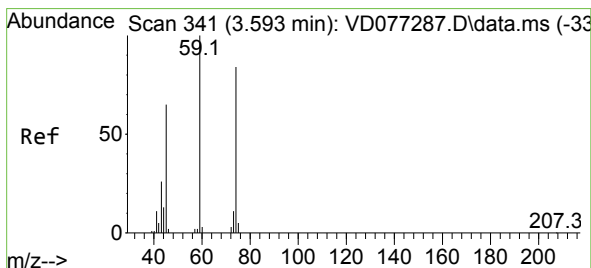
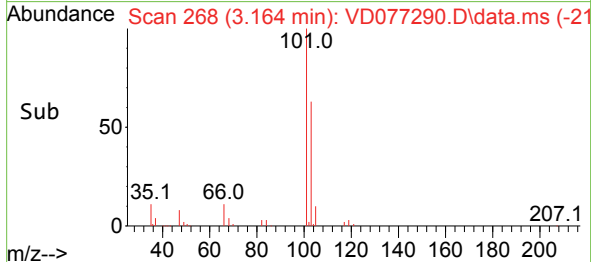
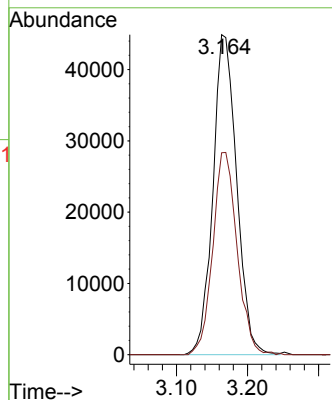
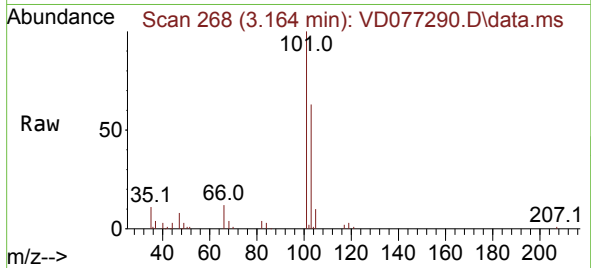




#7
 Trichlorofluoromethane
 Concen: 20.259 ug/l
 RT: 3.164 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD077290.D
 Acq: 06 Oct 2023 16:43

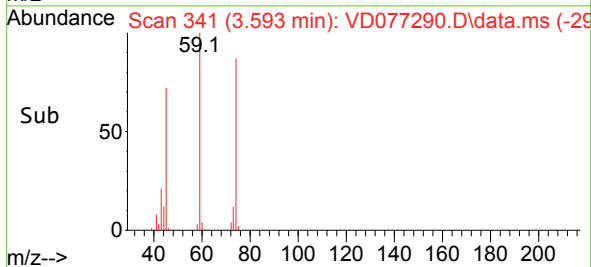
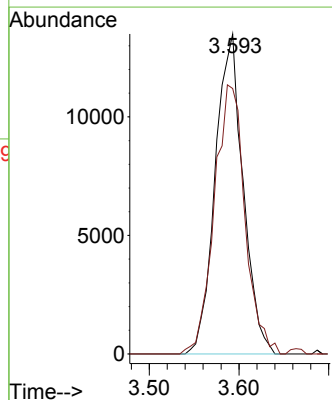
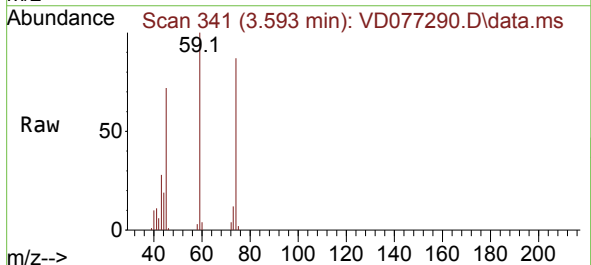
Instrument :
 MSVOA_D
 ClientSampleId :

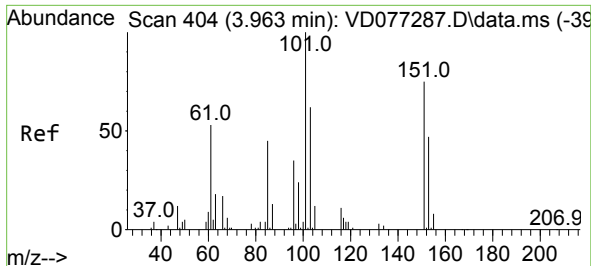
Tgt Ion:101 Resp: 104249
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.3 78.5



#8
 Diethyl Ether
 Concen: 18.868 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 29121
 Ion Ratio Lower Upper
 74 100
 45 92.3 37.5 112.7

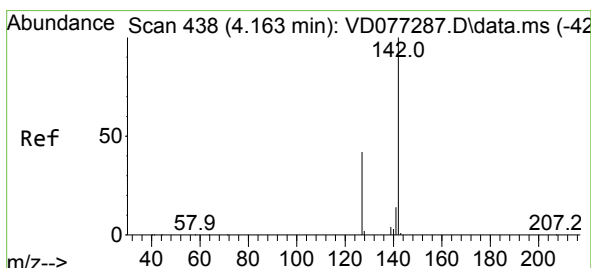
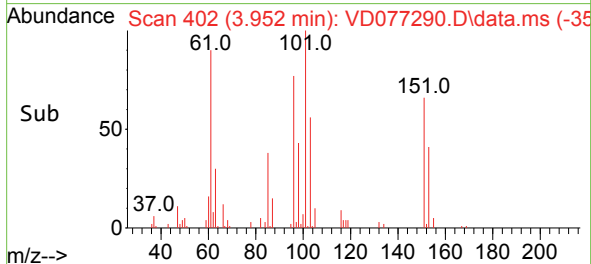
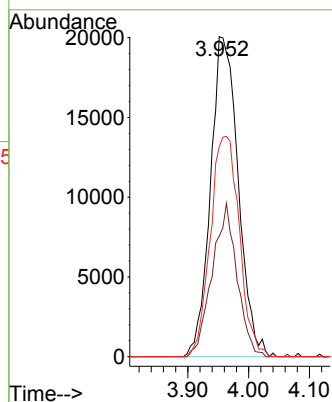
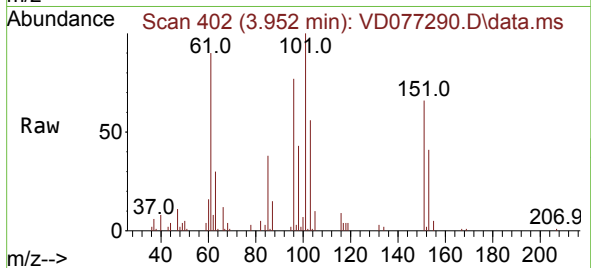




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.070 ug/l
RT: 3.952 min Scan# 40
Delta R.T. -0.012 min
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Acq: 06 Oct 2023 16:43

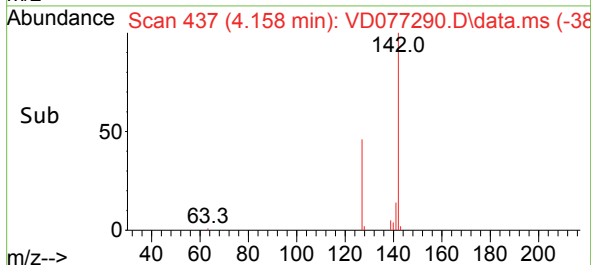
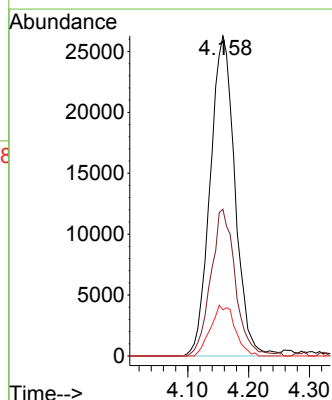
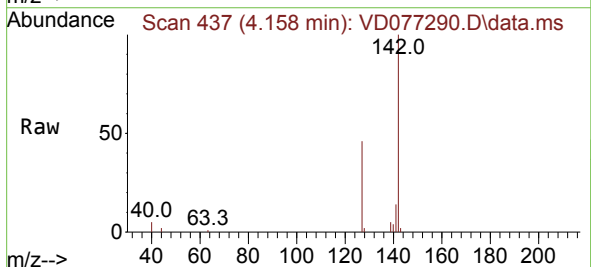
Instrument :
MSVOA_D
ClientSampleId :

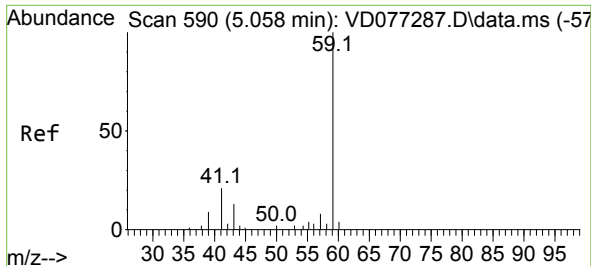
Tgt Ion:101 Resp: 63440
Ion Ratio Lower Upper
101 100
85 43.0 33.8 50.6
151 71.9 59.8 89.6



#10
Methyl Iodide
Concen: 18.702 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion:142 Resp: 74191
Ion Ratio Lower Upper
142 100
127 45.5 29.4 44.0#
141 15.6 11.1 16.7

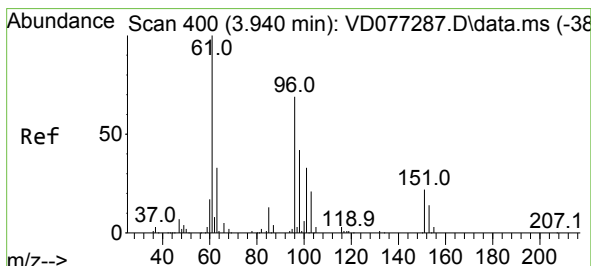
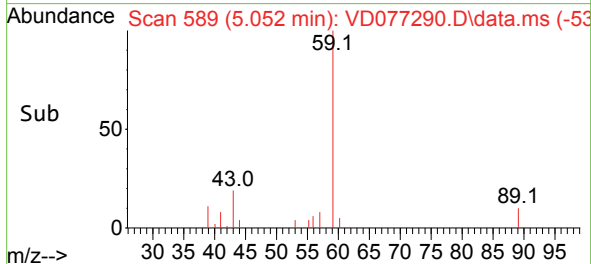
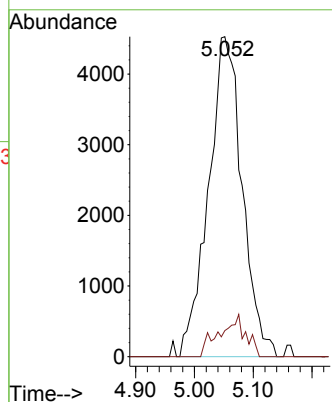
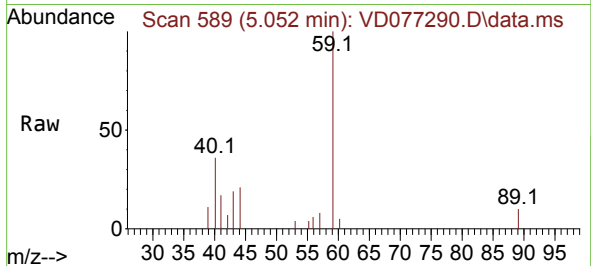




#11
Tert butyl alcohol
Concen: 102.259 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

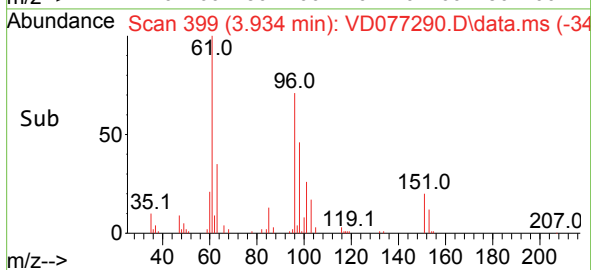
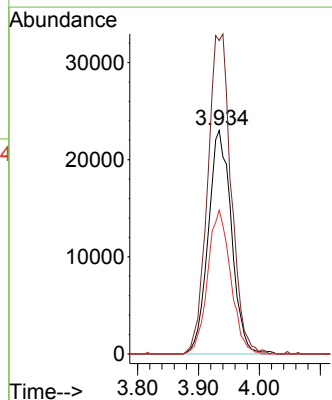
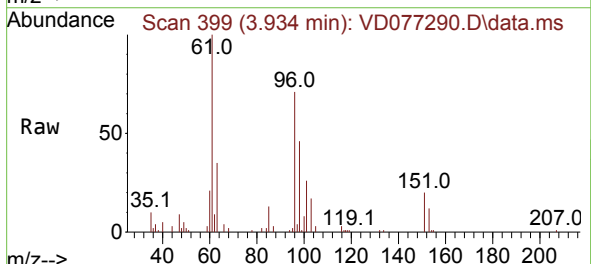
Instrument :
MSVOA_D
ClientSampleId :

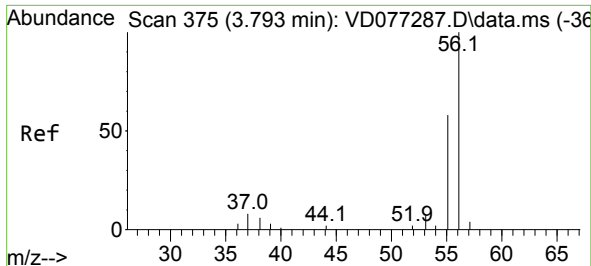
Tgt Ion: 59 Resp: 18018
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 19.762 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

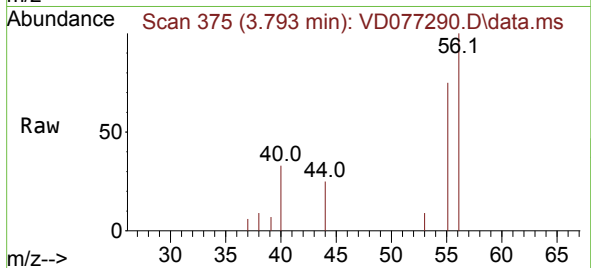
Tgt Ion: 96 Resp: 60948
Ion Ratio Lower Upper
96 100
61 140.2 100.6 150.8
98 64.4 50.2 75.2



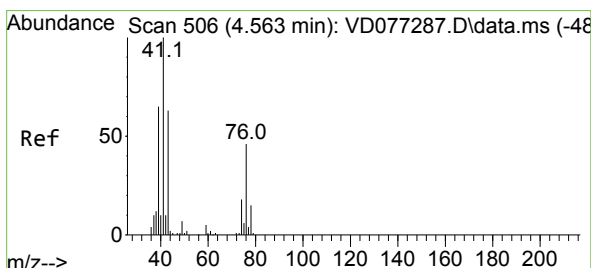
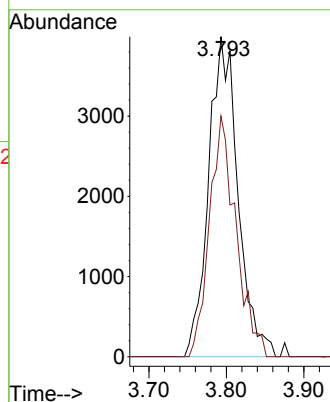
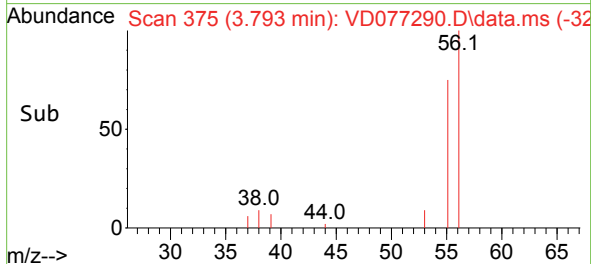


#13
Acrolein
Concen: 77.830 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Instrument :
MSVOA_D
ClientSampleId :

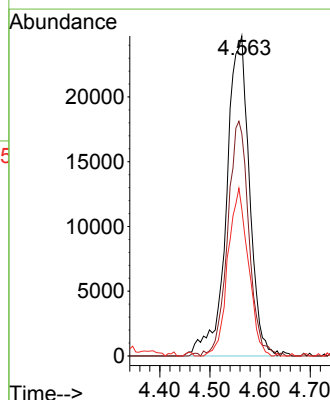
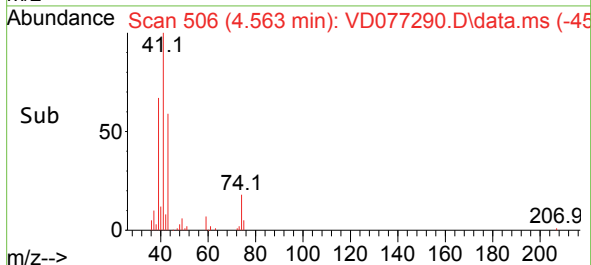
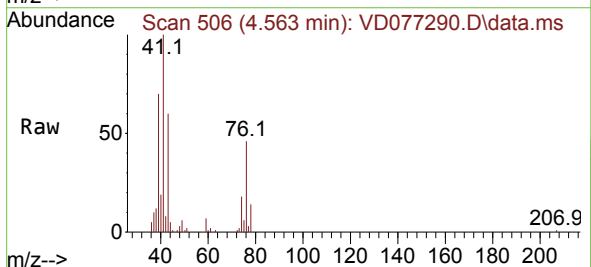


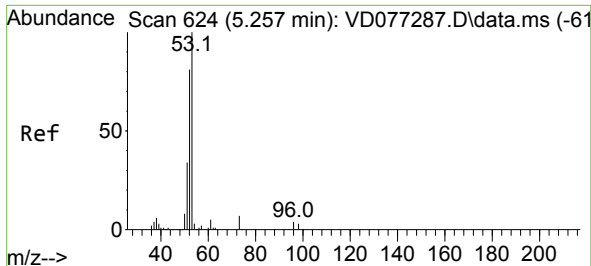
Tgt Ion: 56 Resp: 10519
Ion Ratio Lower Upper
56 100
55 67.9 55.1 82.7



#14
Allyl chloride
Concen: 19.104 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion: 41 Resp: 78309
Ion Ratio Lower Upper
41 100
39 67.6 53.8 80.6
76 46.9 45.8 68.8

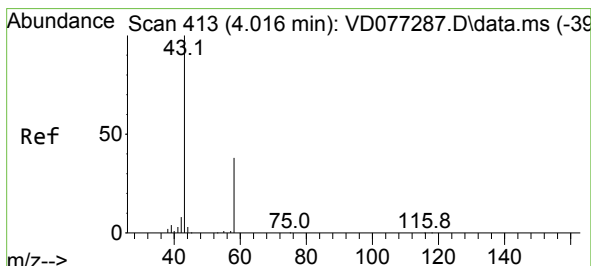
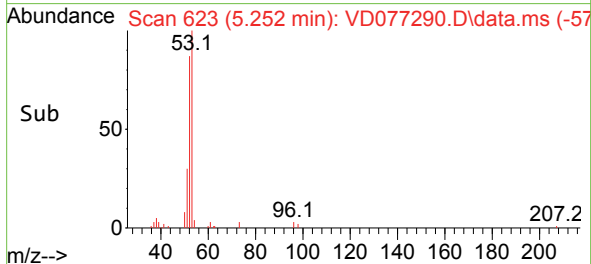
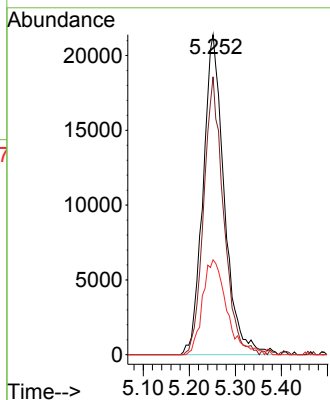
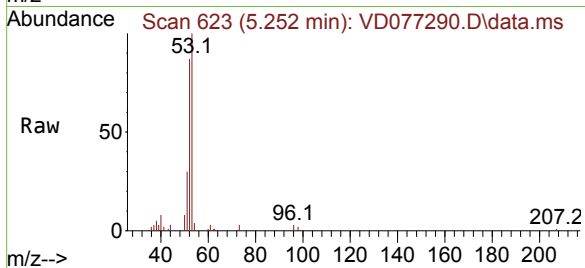




#15
Acrylonitrile
Concen: 95.933 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

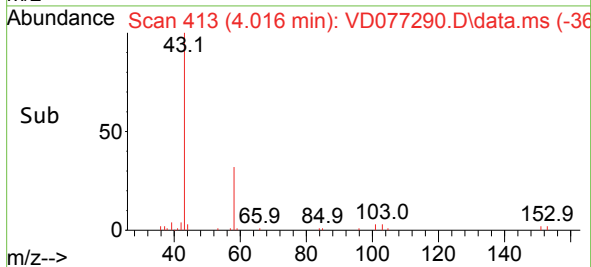
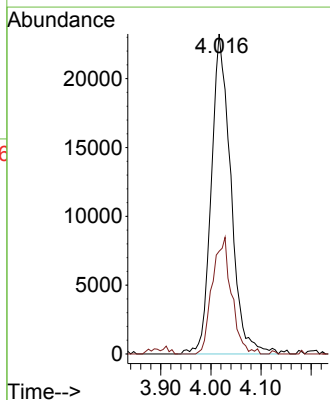
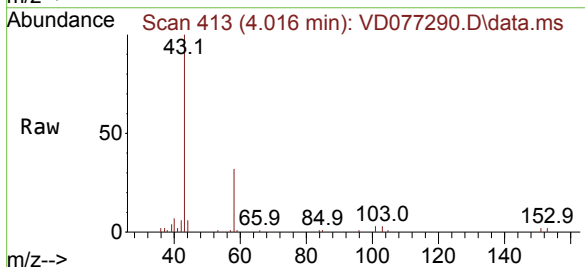
Instrument :
MSVOA_D
ClientSampleId :

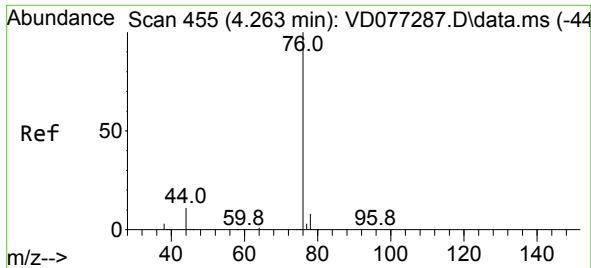
Tgt Ion: 53 Resp: 68729
Ion Ratio Lower Upper
53 100
52 80.7 65.0 97.4
51 33.7 28.3 42.5



#16
Acetone
Concen: 95.356 ug/l
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion: 43 Resp: 62784
Ion Ratio Lower Upper
43 100
58 32.1 34.7 52.1#

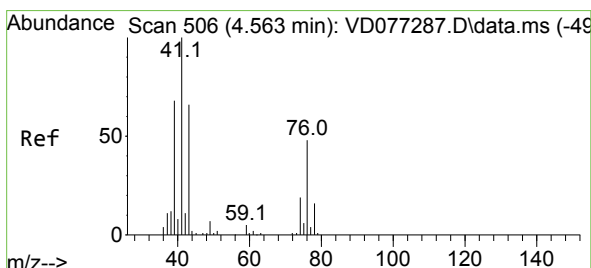
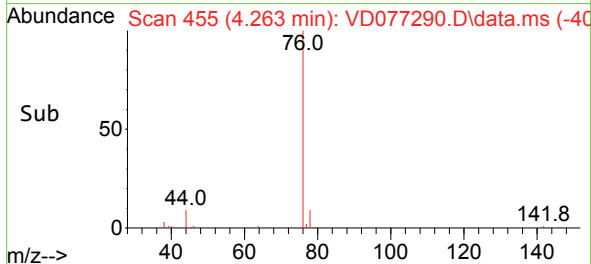
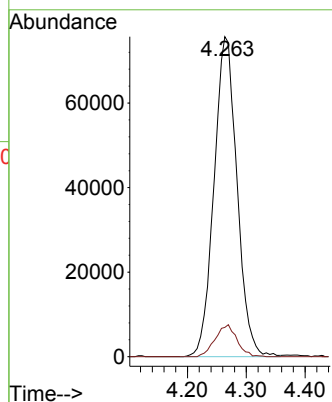
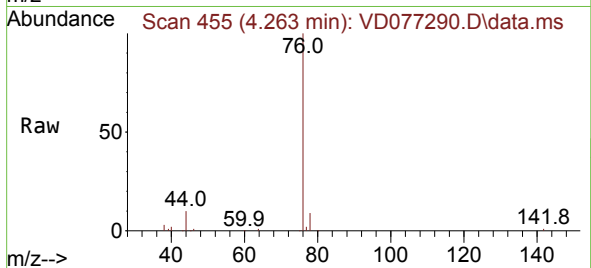




#17
Carbon Disulfide
Concen: 20.041 ug/l
RT: 4.263 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

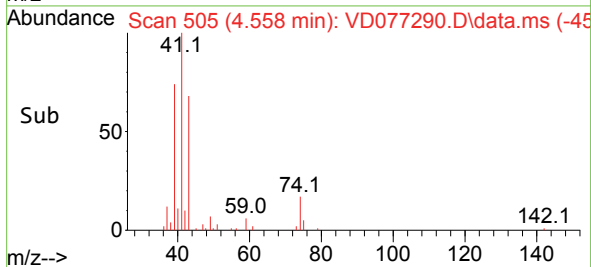
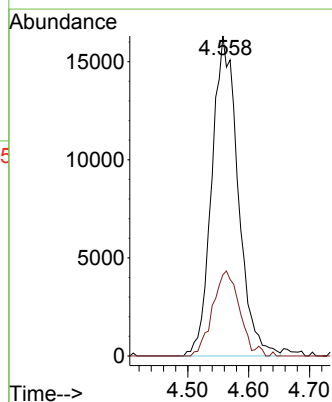
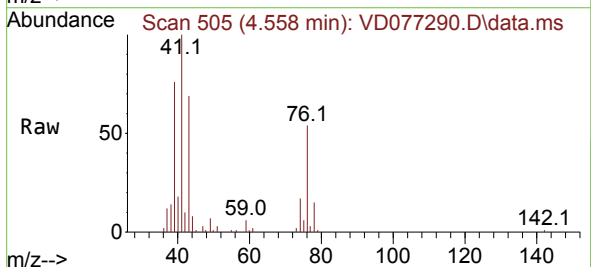
Instrument :
MSVOA_D
ClientSampleId :

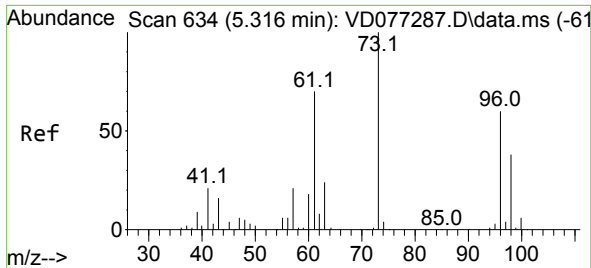
Tgt Ion: 76 Resp: 205989
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 18.793 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion: 43 Resp: 48970
Ion Ratio Lower Upper
43 100
74 26.7 26.4 39.6

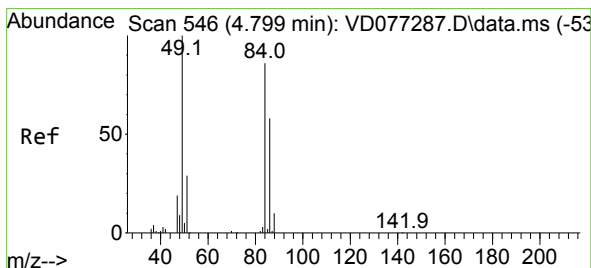
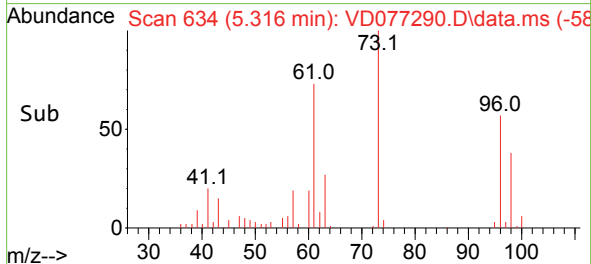
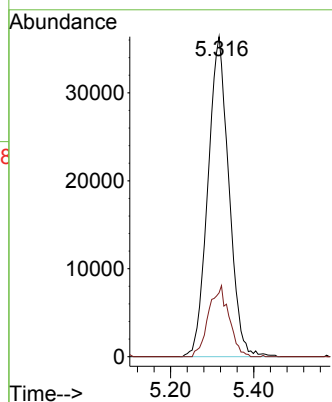
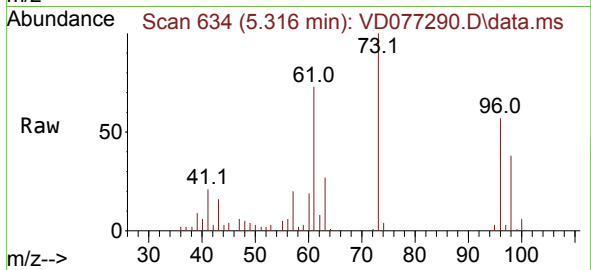




#19
Methyl tert-butyl Ether
Concen: 19.133 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

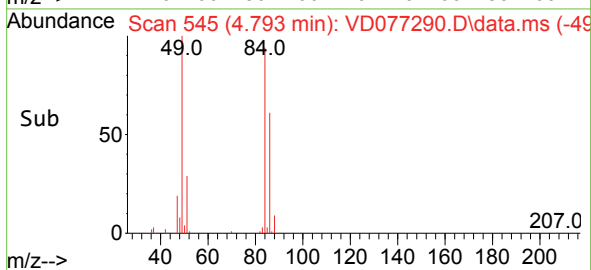
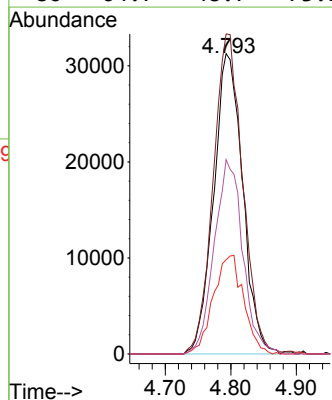
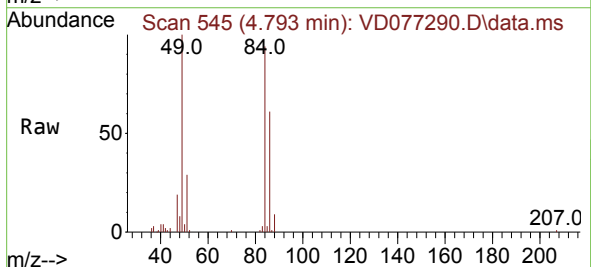
Instrument :
MSVOA_D
ClientSampleId :

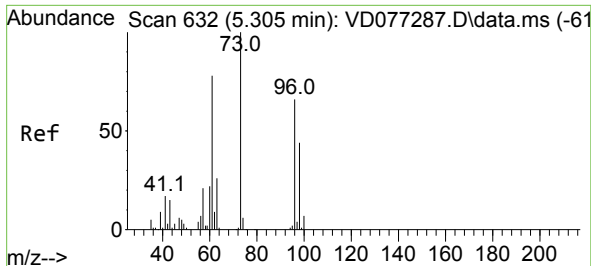
Tgt Ion: 73 Resp: 127339
Ion Ratio Lower Upper
73 100
57 19.9 16.6 25.0



#20
Methylene Chloride
Concen: 18.698 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

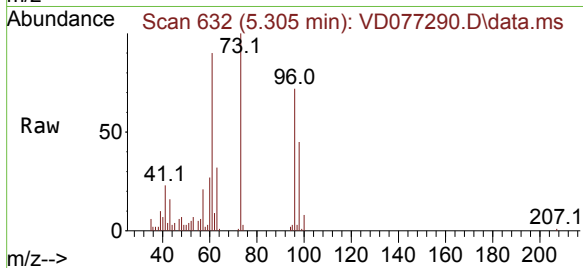
Tgt Ion: 84 Resp: 95964
Ion Ratio Lower Upper
84 100
49 106.5 71.4 107.2
51 31.4 24.5 36.7
86 64.7 48.7 73.1



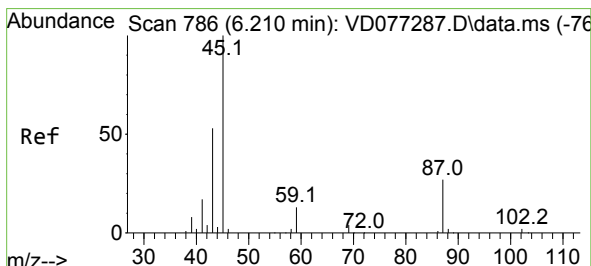
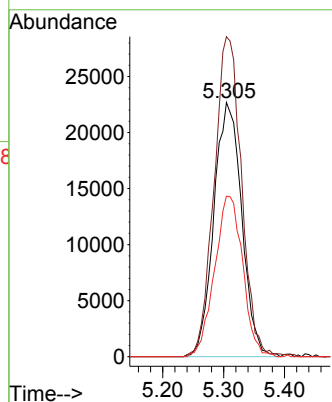
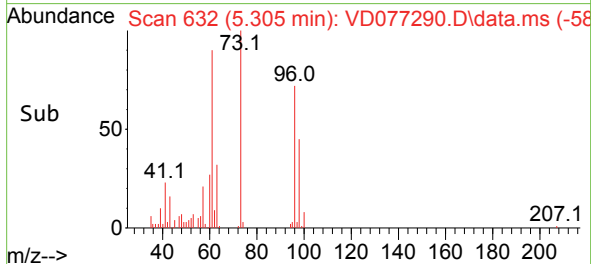


#21
trans-1,2-Dichloroethene
Concen: 19.574 ug/l
RT: 5.305 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

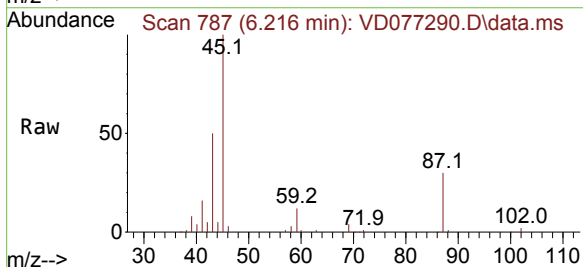
Instrument :
MSVOA_D
ClientSampleId :



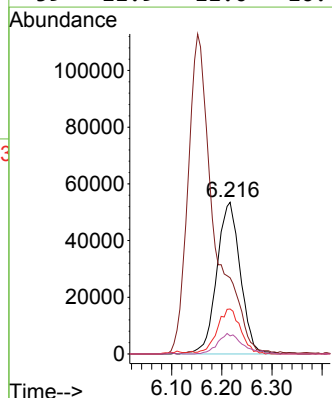
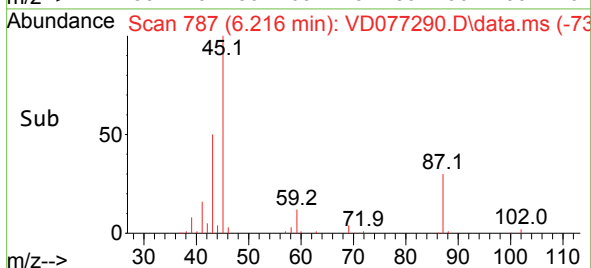
Tgt Ion: 96 Resp: 72061
Ion Ratio Lower Upper
96 100
61 125.9 89.3 133.9
98 63.1 48.6 73.0

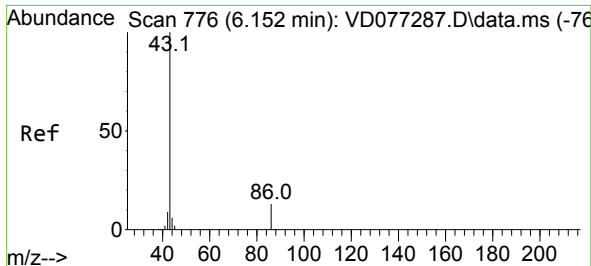


#22
Diisopropyl ether
Concen: 19.622 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43



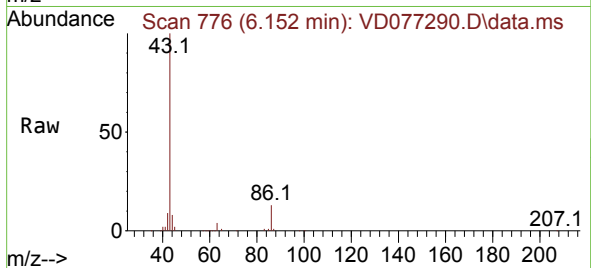
Tgt Ion: 45 Resp: 174561
Ion Ratio Lower Upper
45 100
43 48.7 40.0 60.0
87 29.7 28.2 42.4
59 11.9 11.0 16.4



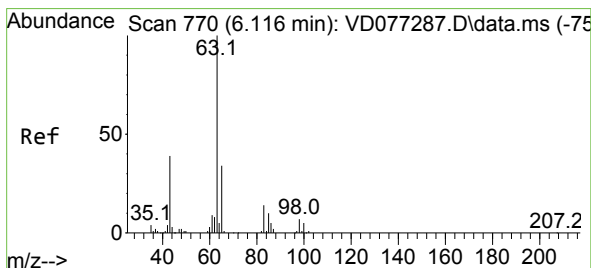
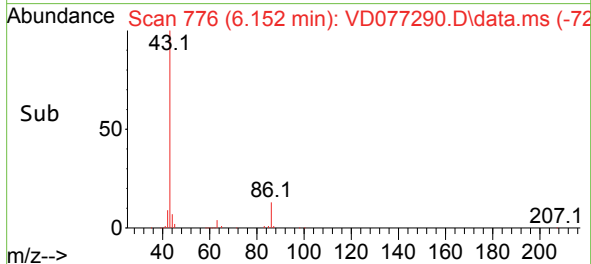
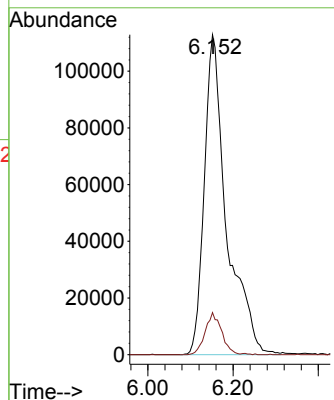


#23
 Vinyl Acetate
 Concen: 111.715 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD077290.D
 Acq: 06 Oct 2023 16:43

Instrument :
 MSVOA_D
 ClientSampleId :

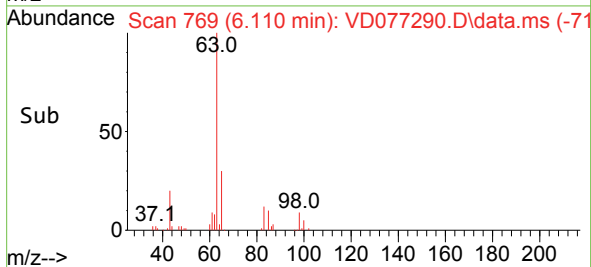
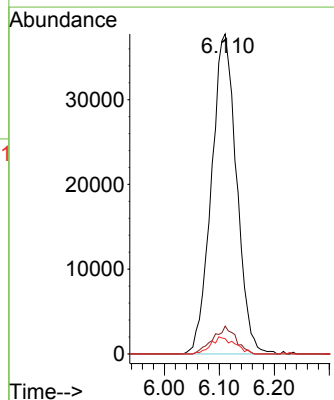
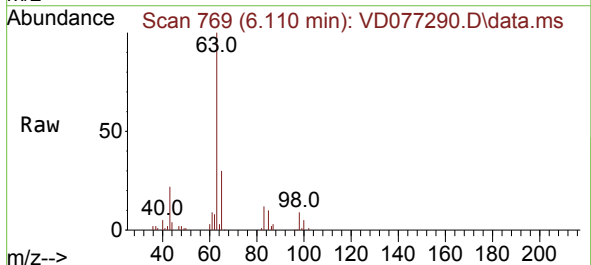


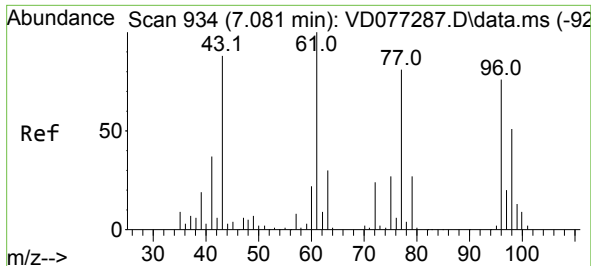
Tgt Ion: 43 Resp: 410287
 Ion Ratio Lower Upper
 43 100
 86 13.1 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 19.413 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD077290.D
 Acq: 06 Oct 2023 16:43

Tgt Ion: 63 Resp: 119895
 Ion Ratio Lower Upper
 63 100
 98 8.7 4.5 13.7
 100 4.8 2.5 7.5





#25

2-Butanone

Concen: 94.998 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Instrument :

MSVOA_D

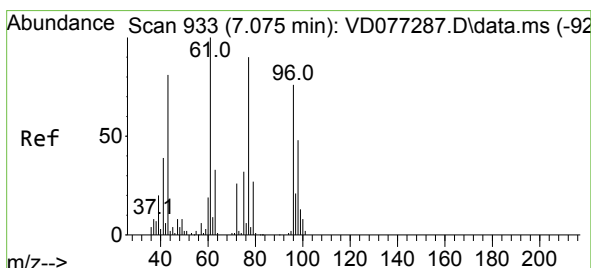
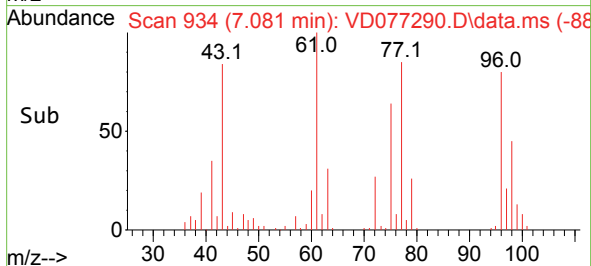
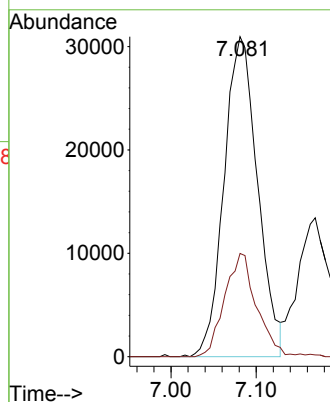
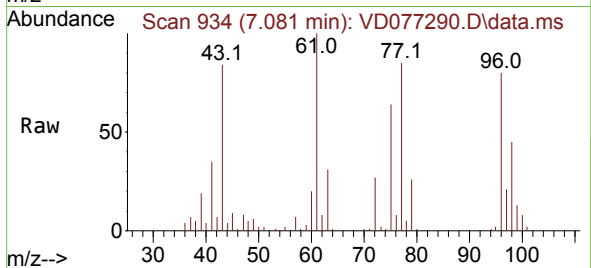
ClientSampleId :

Tgt Ion: 43 Resp: 84667

Ion Ratio Lower Upper

43 100

72 32.2 30.7 46.1



#26

2,2-Dichloropropane

Concen: 19.209 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD077290.D

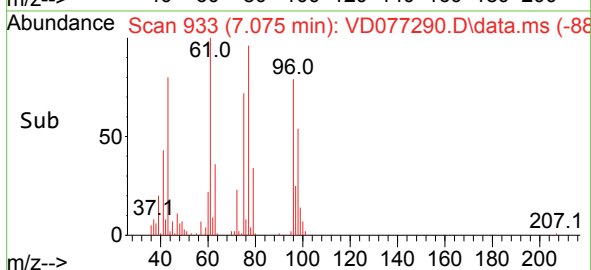
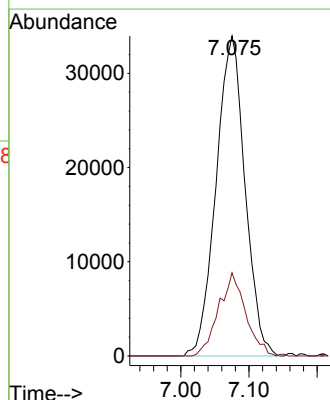
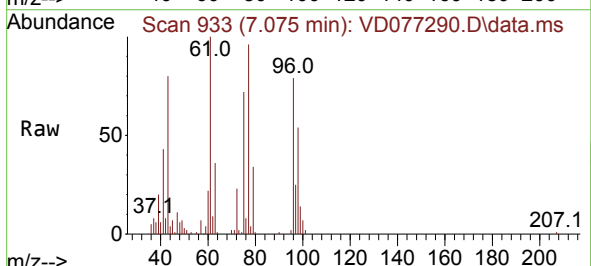
Acq: 06 Oct 2023 16:43

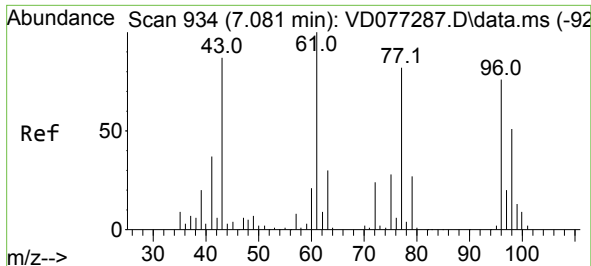
Tgt Ion: 77 Resp: 100164

Ion Ratio Lower Upper

77 100

97 24.4 13.2 39.6

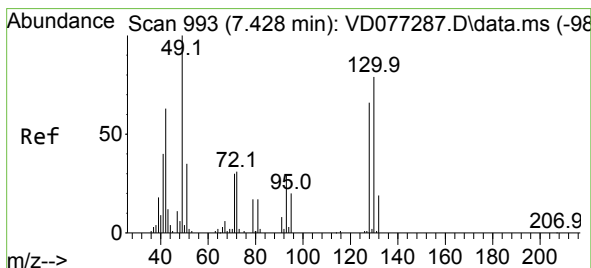
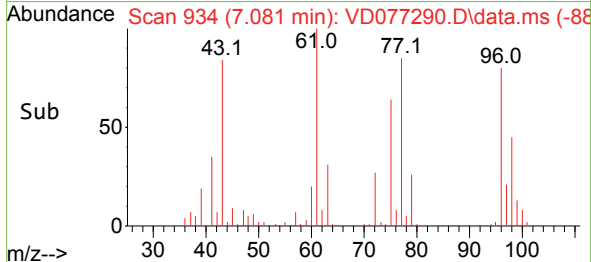
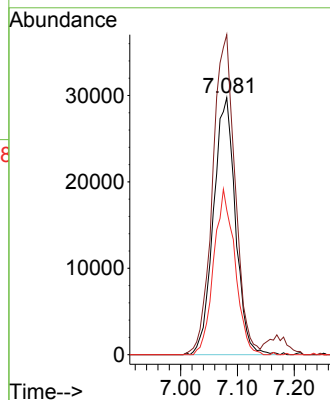
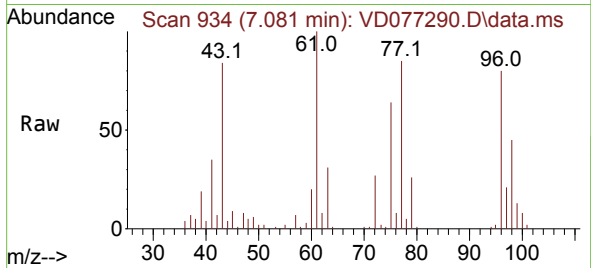




#27
 cis-1,2-Dichloroethene
 Concen: 19.741 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077290.D
 Acq: 06 Oct 2023 16:43

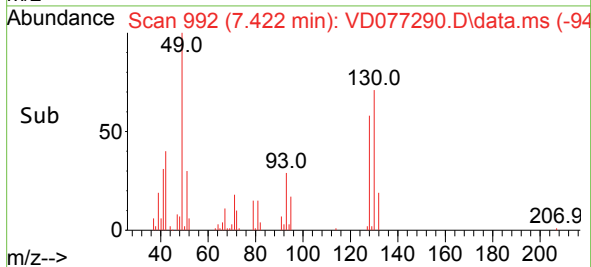
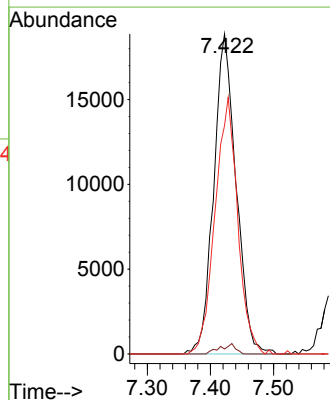
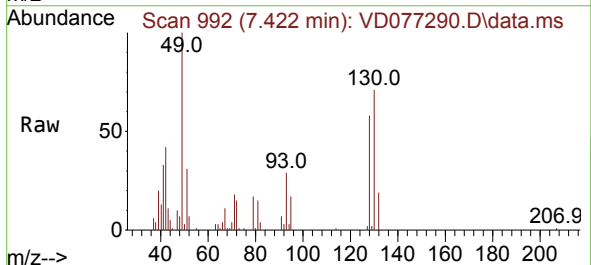
Instrument :
 MSVOA_D
 ClientSampleId :

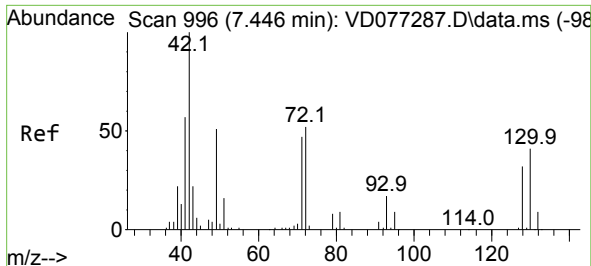
Tgt Ion: 96 Resp: 80028
 Ion Ratio Lower Upper
 96 100
 61 126.9 0.0 239.2
 98 62.1 0.0 128.6



#28
 Bromochloromethane
 Concen: 19.307 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD077290.D
 Acq: 06 Oct 2023 16:43

Tgt Ion: 49 Resp: 46557
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 6.0
 130 80.8 83.2 124.8#





#29

Tetrahydrofuran

Concen: 95.711 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

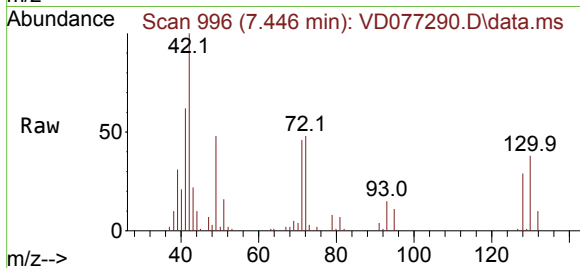
Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

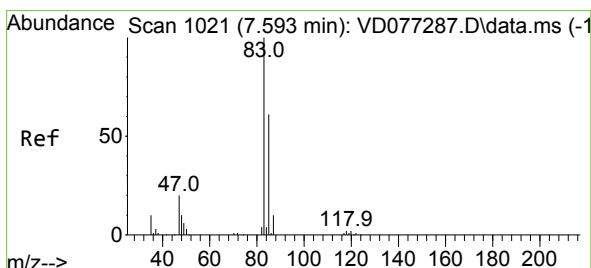
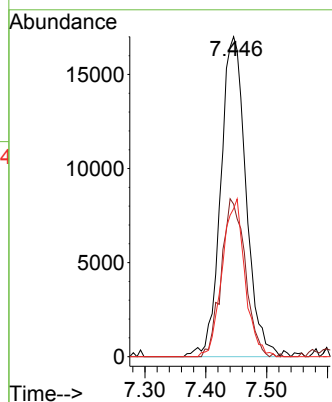
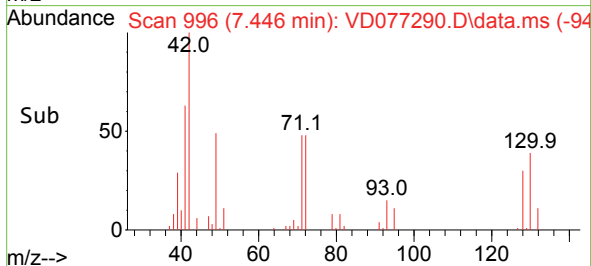
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	48920
Ion Ratio	Lower	Upper	
42	100		
72	46.7	46.5	69.7
71	44.5	44.5	66.7



#30

Chloroform

Concen: 19.663 ug/l

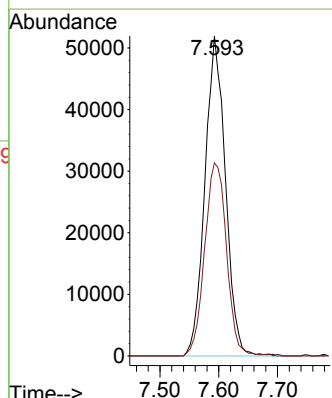
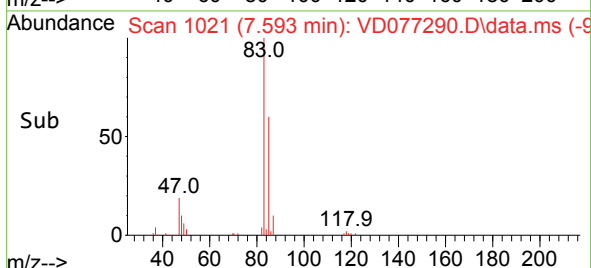
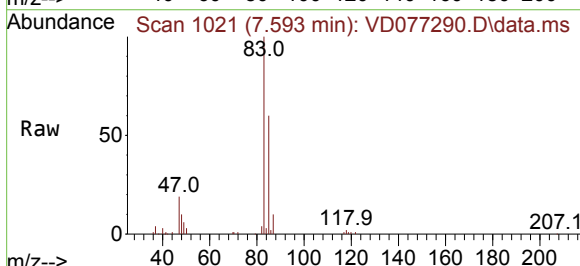
RT: 7.593 min Scan# 1021

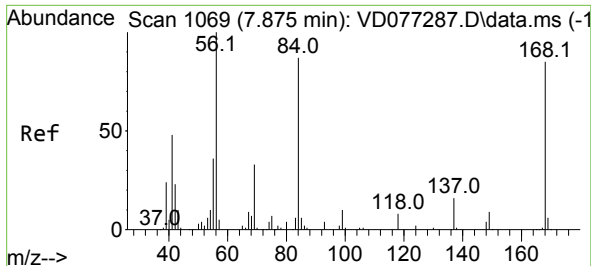
Delta R.T. 0.000 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

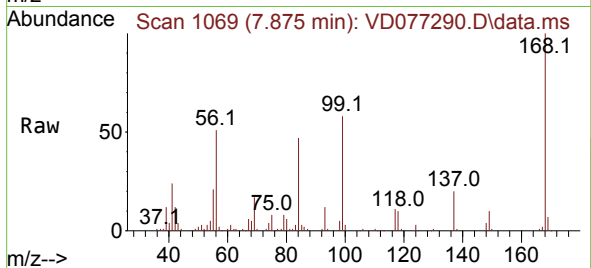
Tgt Ion:	83	Resp:	125876
Ion Ratio	Lower	Upper	
83	100		
85	60.4	53.4	80.2



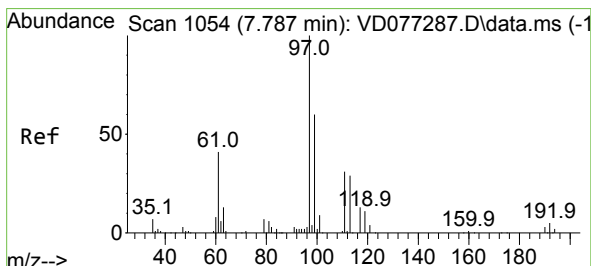
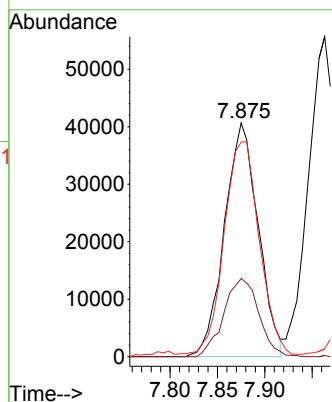
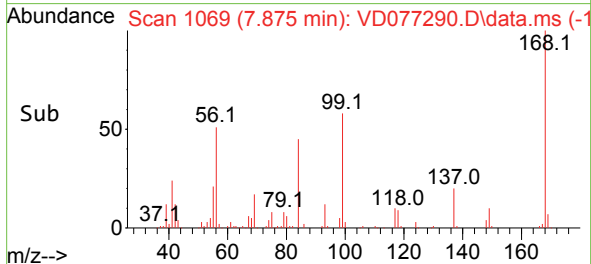


#31
Cyclohexane
Concen: 20.112 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

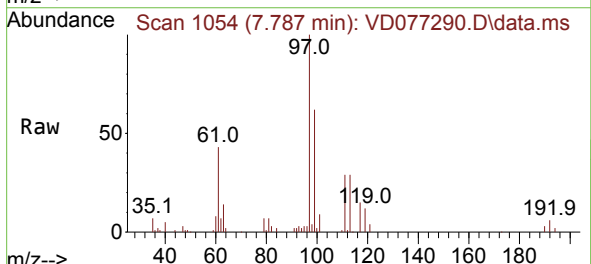
Instrument :
MSVOA_D
ClientSampleId :



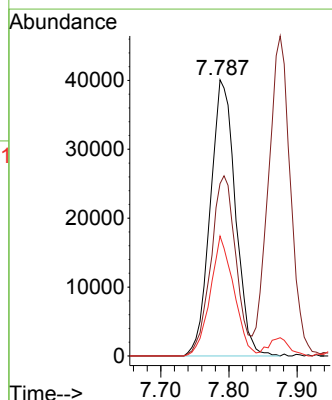
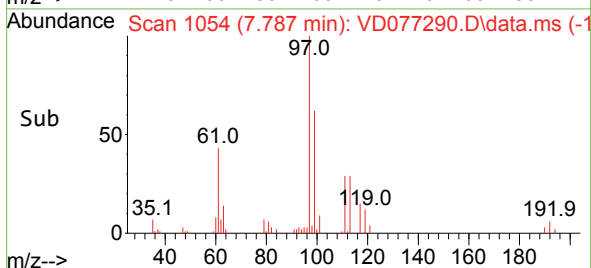
Tgt Ion: 56 Resp: 100787
Ion Ratio Lower Upper
56 100
69 33.4 28.6 43.0
84 90.5 84.8 127.2

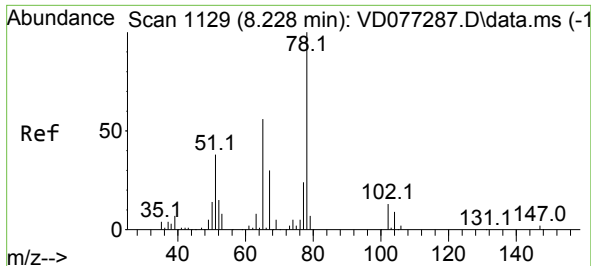


#32
1,1,1-Trichloroethane
Concen: 19.083 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43



Tgt Ion: 97 Resp: 102748
Ion Ratio Lower Upper
97 100
99 65.1 52.0 78.0
61 40.8 33.8 50.8

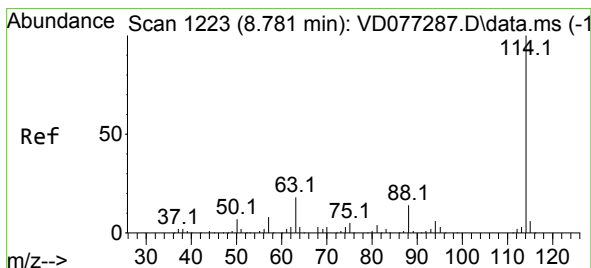
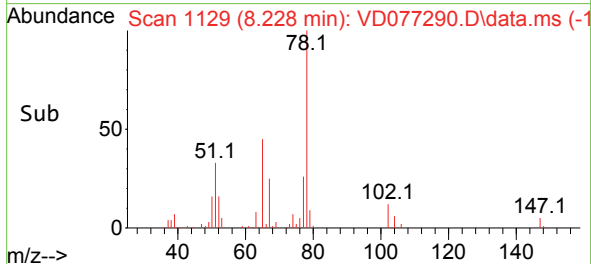
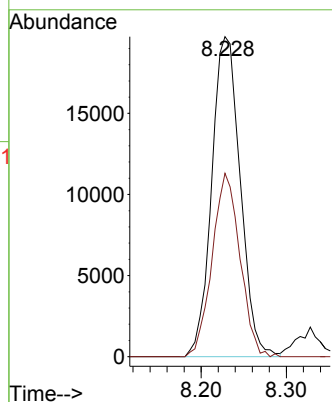
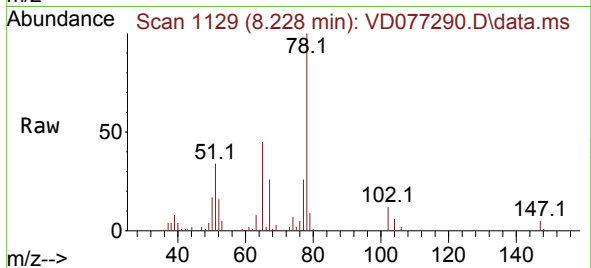




#33
 1,2-Dichloroethane-d4
 Concen: 18.982 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VD077290.D
 Acq: 06 Oct 2023 16:43

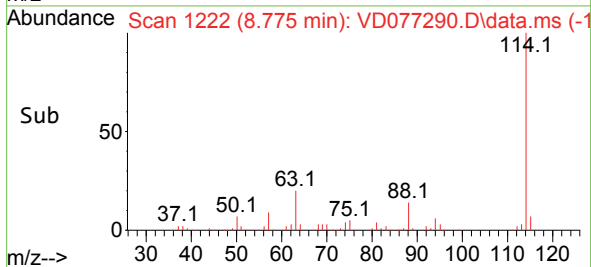
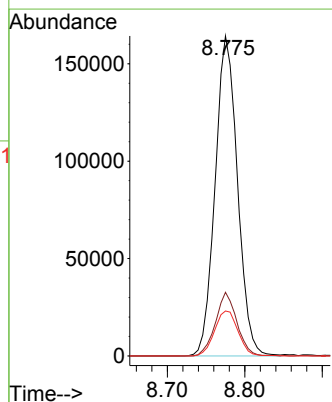
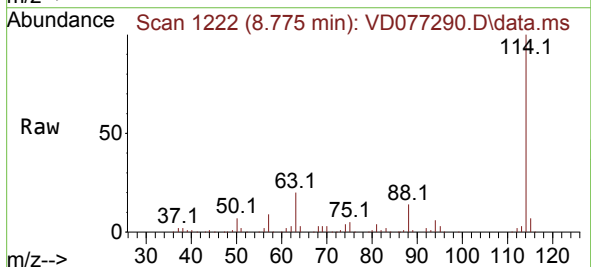
Instrument :
 MSVOA_D
 ClientSampleId :

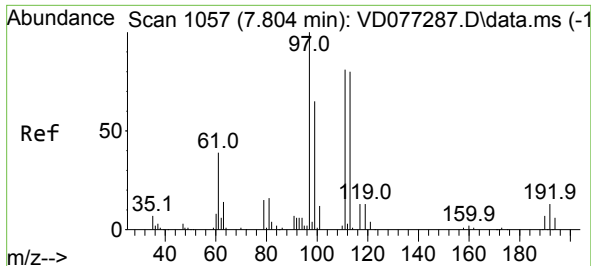
Tgt Ion: 65 Resp: 45936
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.006 min
 Lab File: VD077290.D
 Acq: 06 Oct 2023 16:43

Tgt Ion: 114 Resp: 329469
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 33.4
 88 14.0 0.0 26.2

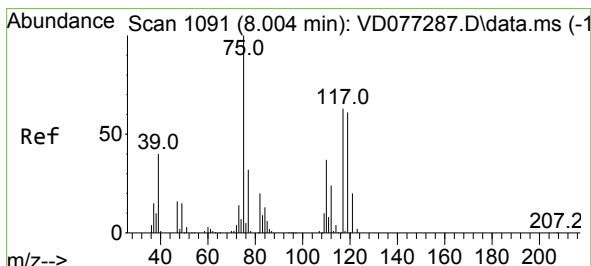
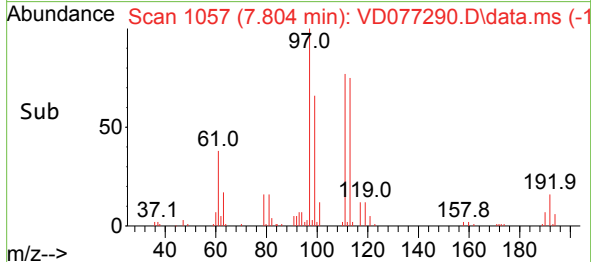
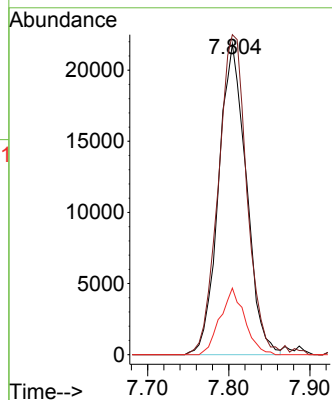
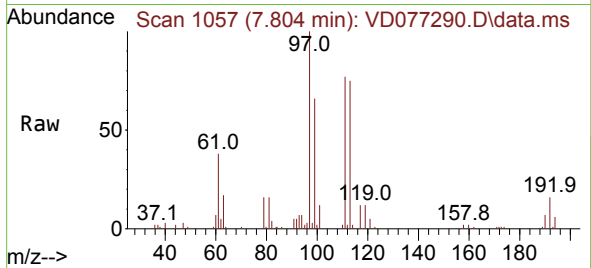




#35
Dibromofluoromethane
Concen: 18.215 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

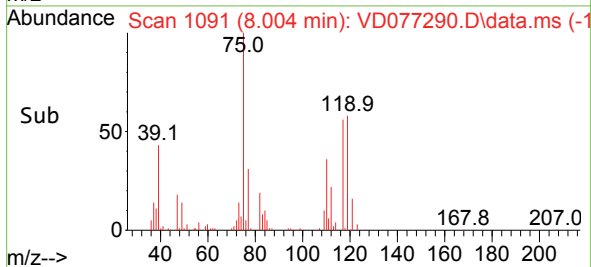
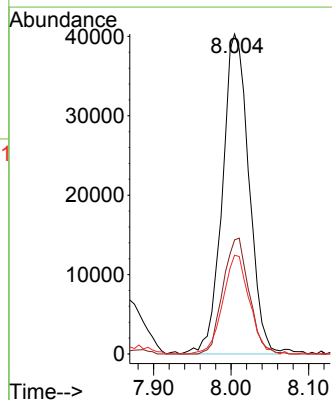
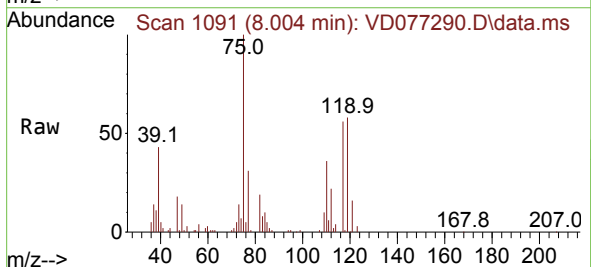
Instrument :
MSVOA_D
ClientSampleId :

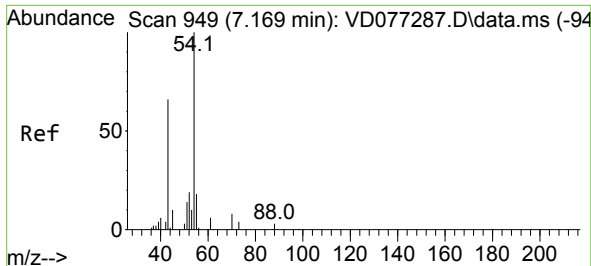
Tgt Ion:113 Resp: 51783
Ion Ratio Lower Upper
113 100
111 106.0 84.7 127.1
192 19.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 20.014 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion: 75 Resp: 95898
Ion Ratio Lower Upper
75 100
110 35.6 19.9 59.6
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 18.979 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Instrument :

MSVOA_D

ClientSampleId :

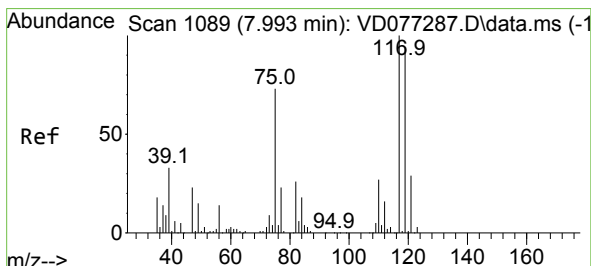
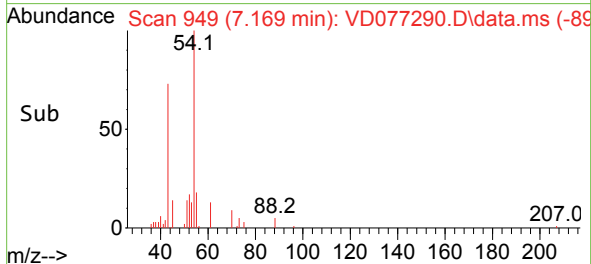
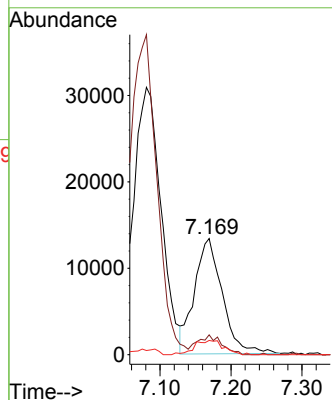
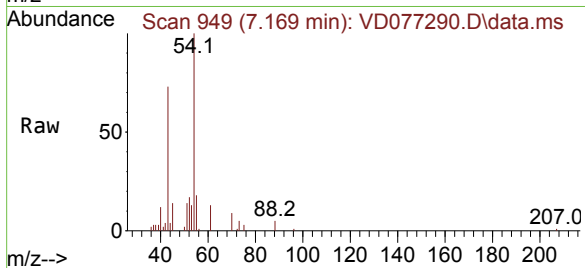
Tgt Ion: 43 Resp: 36507

Ion Ratio Lower Upper

43 100

61 14.9 14.9 22.3

70 12.9 10.0 15.0



#38

Carbon Tetrachloride

Concen: 19.358 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

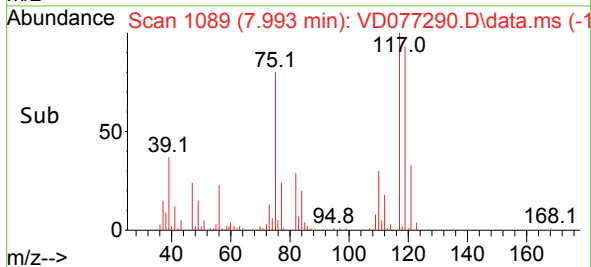
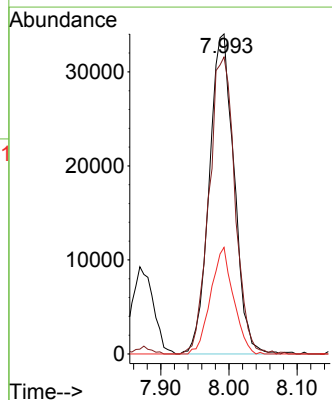
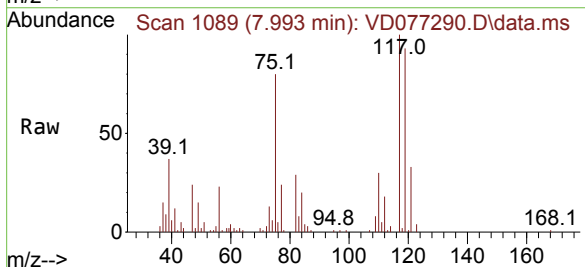
Tgt Ion: 117 Resp: 86415

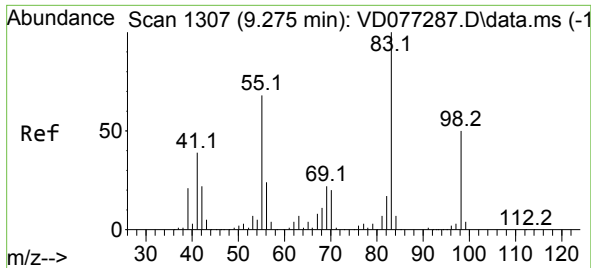
Ion Ratio Lower Upper

117 100

119 92.8 78.0 117.0

121 33.3 24.2 36.2

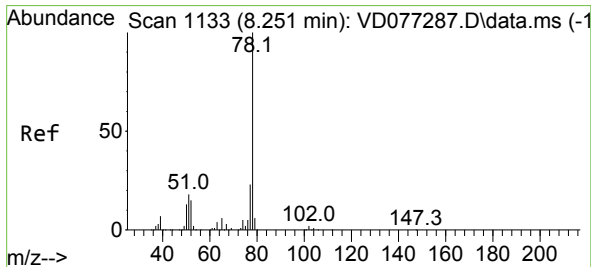
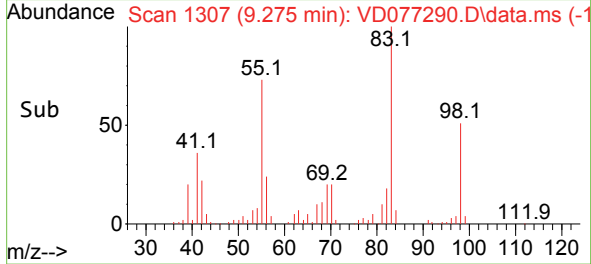
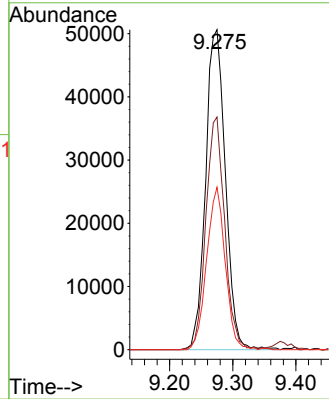
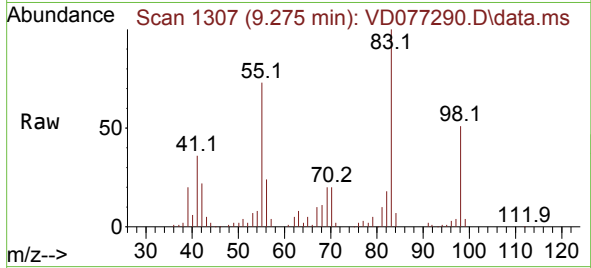




#39
Methylcyclohexane
Concen: 19.797 ug/l
RT: 9.275 min Scan# 110169
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

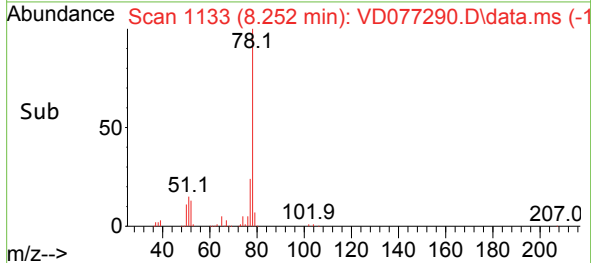
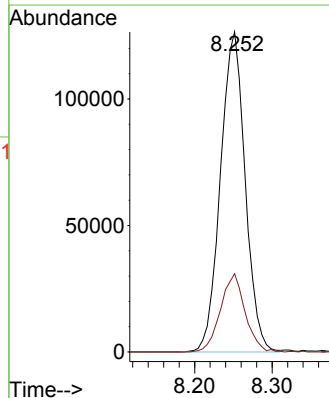
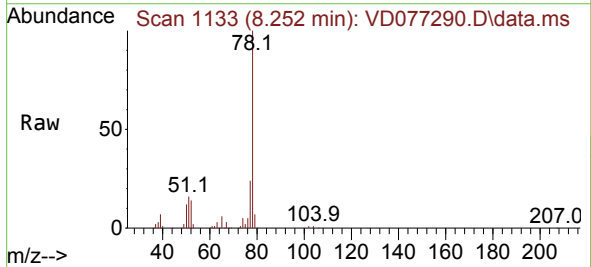
Instrument :
MSVOA_D
ClientSampleId :

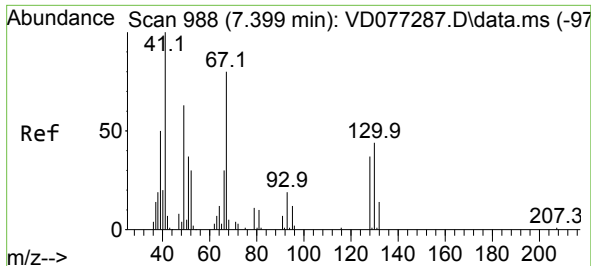
Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.7	49.4	74.0
98	50.8	38.4	57.6



#40
Benzene
Concen: 19.303 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.4	29.0

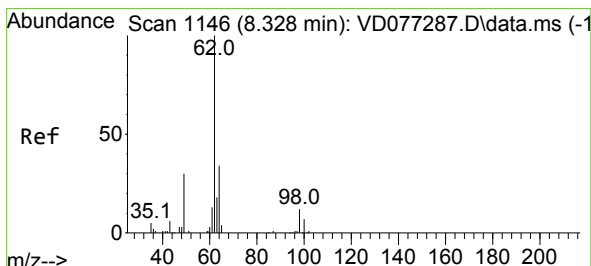
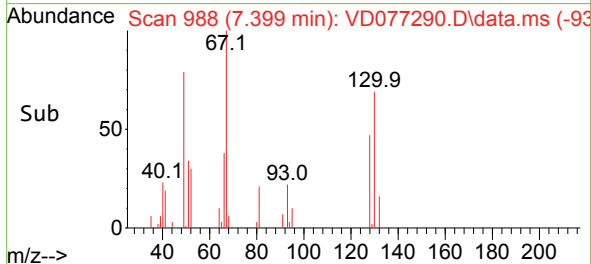
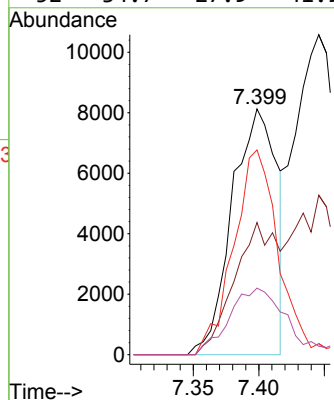
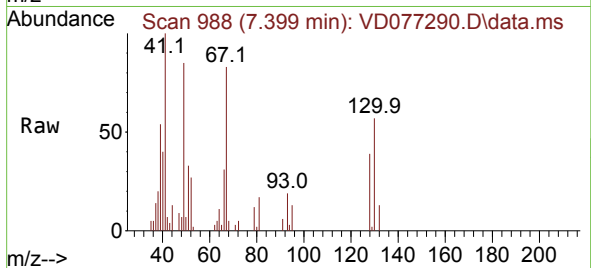




#41
Methacrylonitrile
Concen: 17.903 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

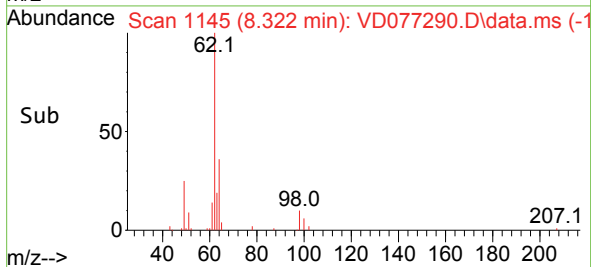
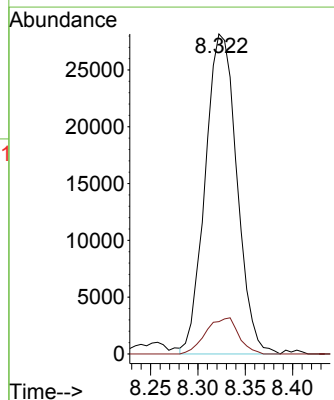
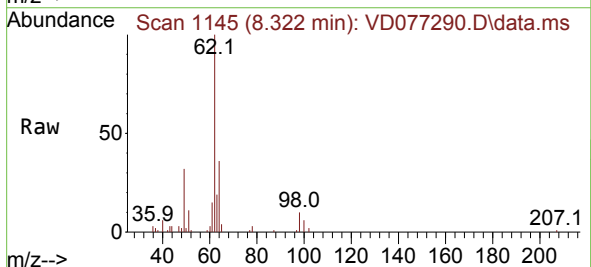
Instrument :
MSVOA_D
ClientSampleId :

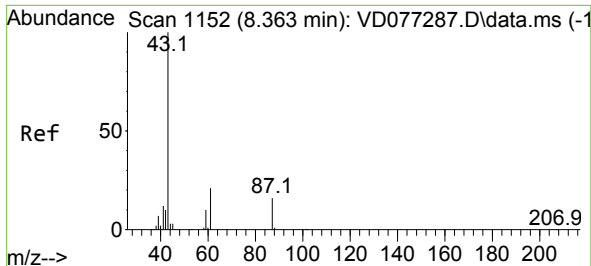
Tgt Ion:	41	Resp:	19296
Ion	Ratio	Lower	Upper
41	100		
39	51.9	34.0	51.0#
67	83.4	77.0	115.4
52	34.7	27.9	41.9



#42
1,2-Dichloroethane
Concen: 19.010 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

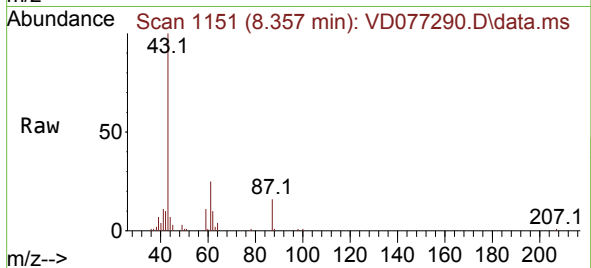
Tgt Ion:	62	Resp:	65684
Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	25.4



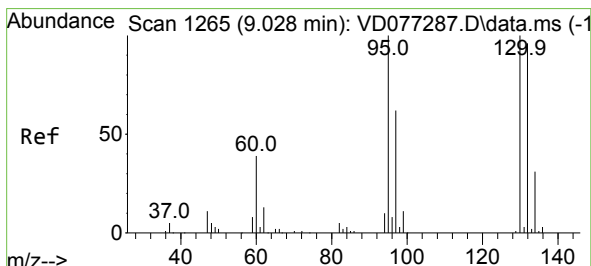
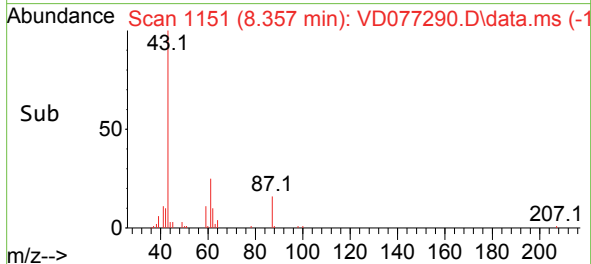
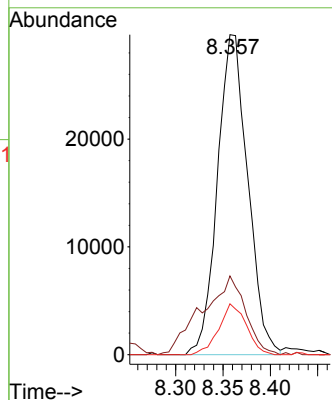


#43
Isopropyl Acetate
Concen: 18.731 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Instrument :
MSVOA_D
ClientSampleId :

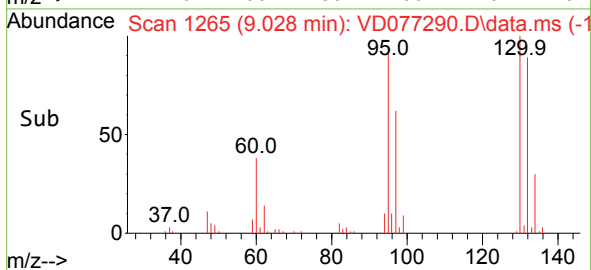
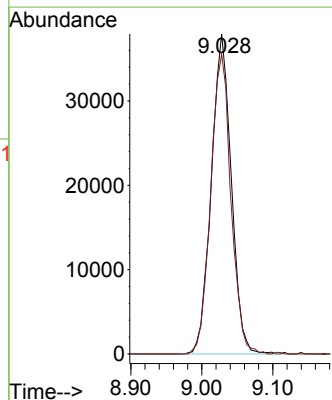
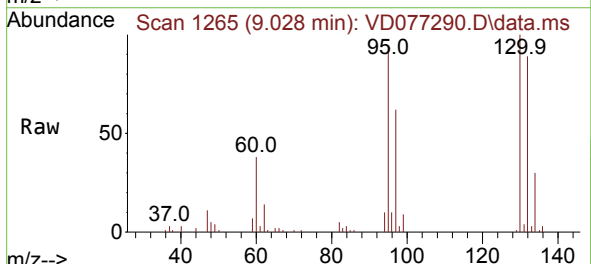


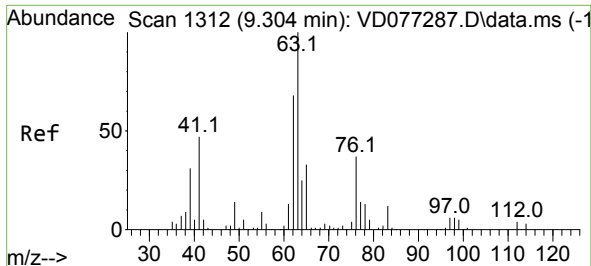
Tgt Ion: 43 Resp: 66171
Ion Ratio Lower Upper
43 100
61 35.0 31.4 47.0
87 14.5 14.9 22.3#



#44
Trichloroethene
Concen: 20.096 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion:130 Resp: 74117
Ion Ratio Lower Upper
130 100
95 93.6 0.0 179.2

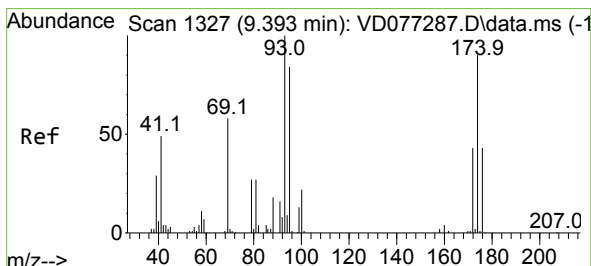
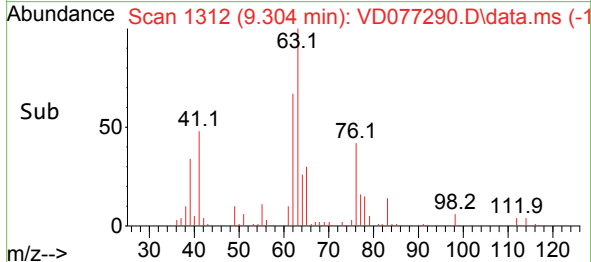
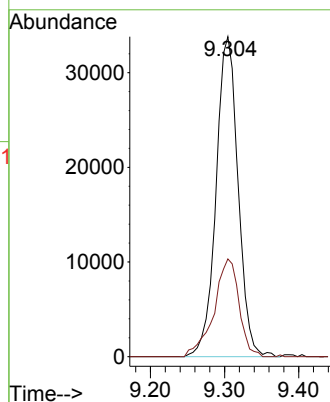
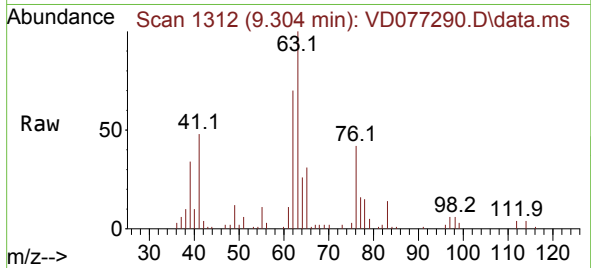




#45
1,2-Dichloropropane
Concen: 19.192 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

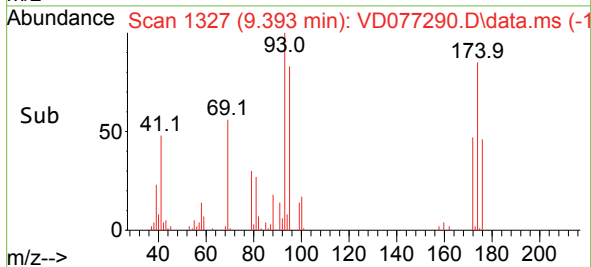
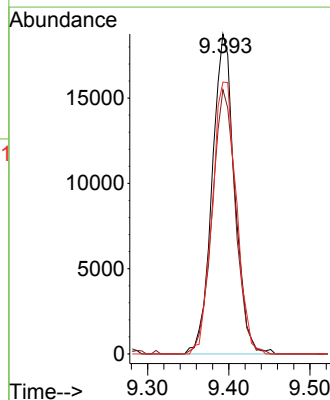
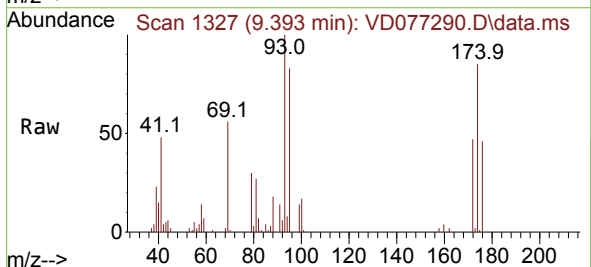
Instrument :
MSVOA_D
ClientSampleId :

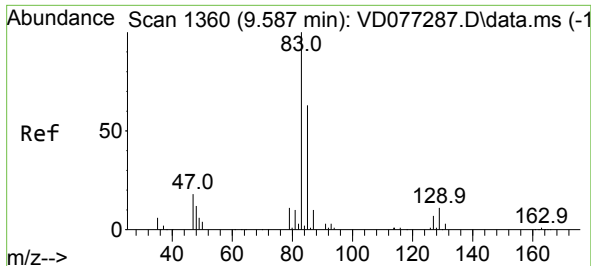
Tgt Ion: 63 Resp: 69726
Ion Ratio Lower Upper
63 100
65 30.5 24.5 36.7



#46
Dibromomethane
Concen: 18.408 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion: 93 Resp: 36127
Ion Ratio Lower Upper
93 100
95 85.6 67.7 101.5
174 90.9 85.4 128.2

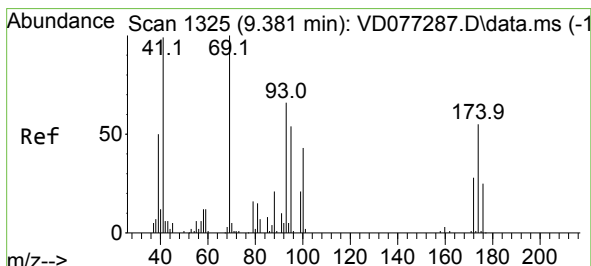
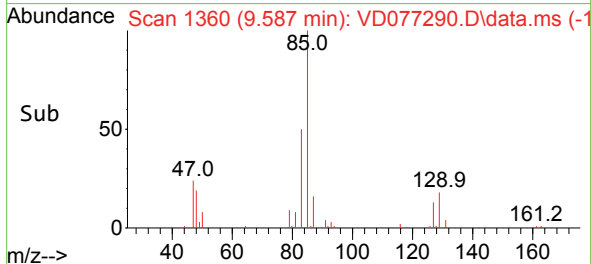
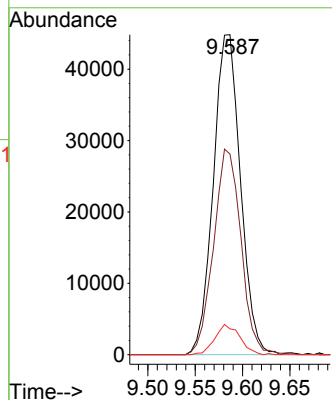
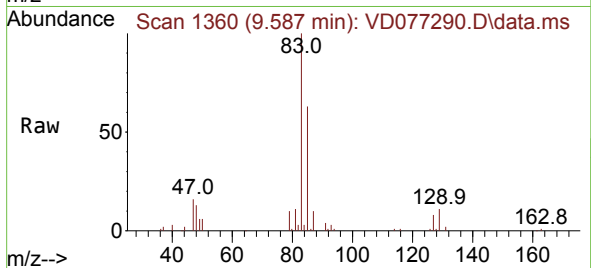




#47
Bromodichloromethane
Concen: 18.933 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

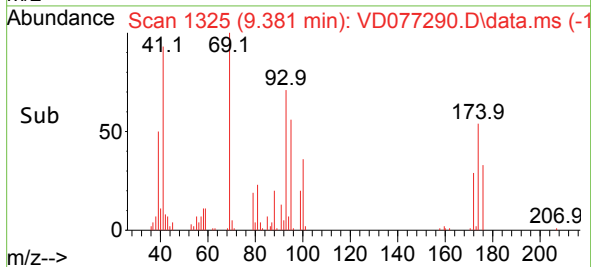
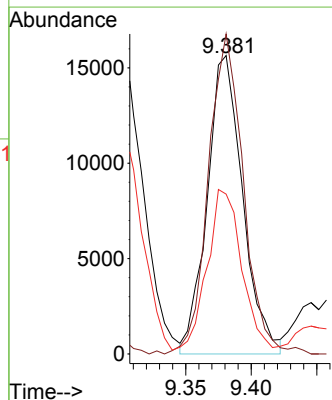
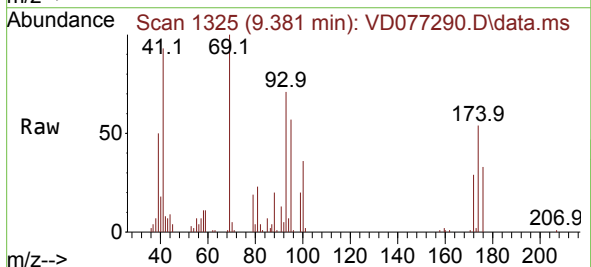
Instrument :
MSVOA_D
ClientSampleId :

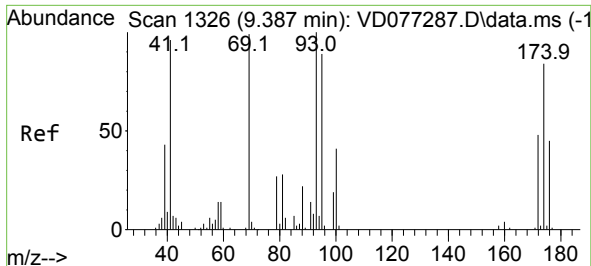
Tgt Ion: 83 Resp: 89596
Ion Ratio Lower Upper
83 100
85 62.7 50.2 75.4
127 8.0 6.3 9.5



#48
Methyl methacrylate
Concen: 18.258 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion: 41 Resp: 29505
Ion Ratio Lower Upper
41 100
69 105.3 102.2 153.2
39 52.4 41.4 62.2





#49

1,4-Dioxane

Concen: 361.514 ug/l

RT: 9.393 min Scan# 11

Delta R.T. 0.006 min

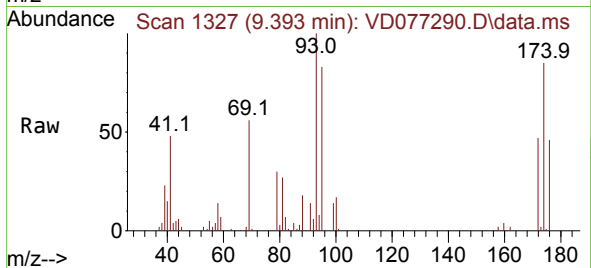
Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Instrument :

MSVOA_D

ClientSampleId :



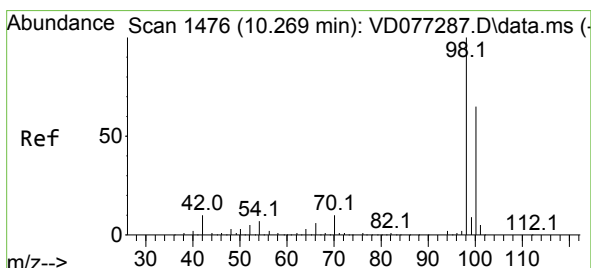
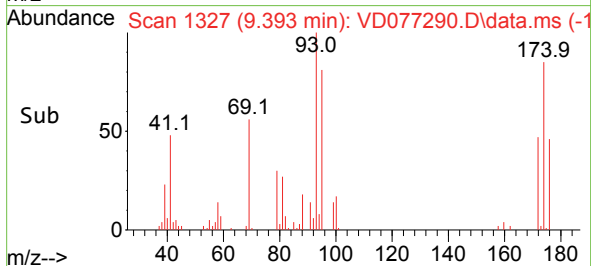
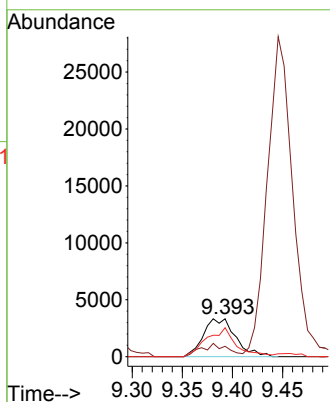
Tgt Ion: 88 Resp: 7456

Ion Ratio Lower Upper

88 100

43 29.1 19.0 28.6#

58 70.0 43.5 65.3#



#50

Toluene-d8

Concen: 17.708 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077290.D

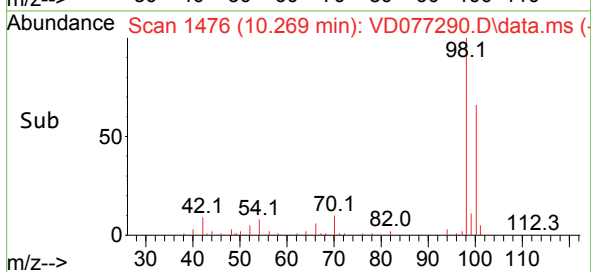
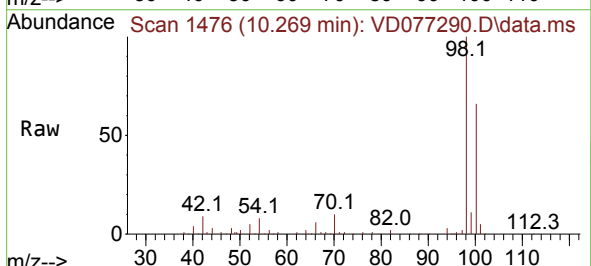
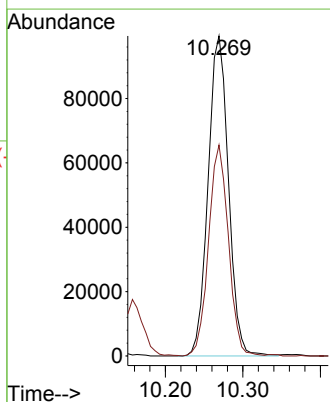
Acq: 06 Oct 2023 16:43

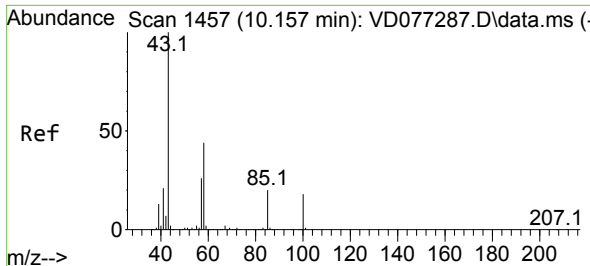
Tgt Ion: 98 Resp: 181369

Ion Ratio Lower Upper

98 100

100 64.2 50.3 75.5

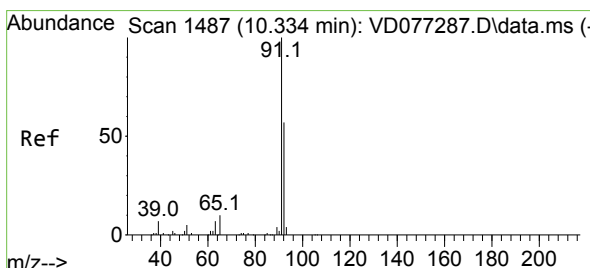
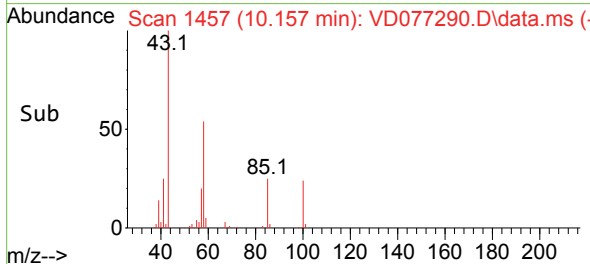
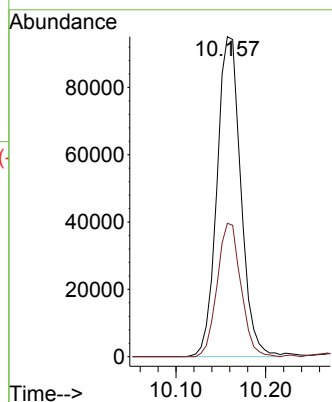
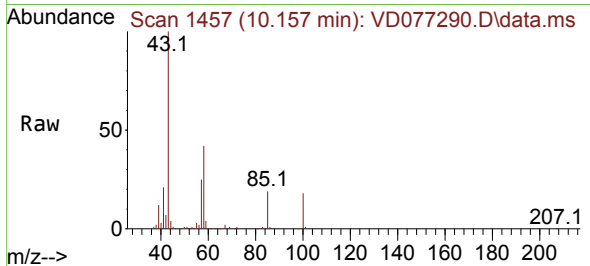




#51
4-Methyl-2-Pentanone
Concen: 95.486 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

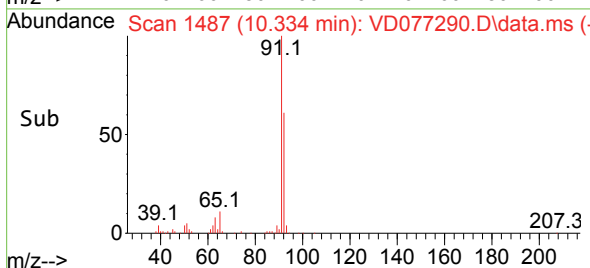
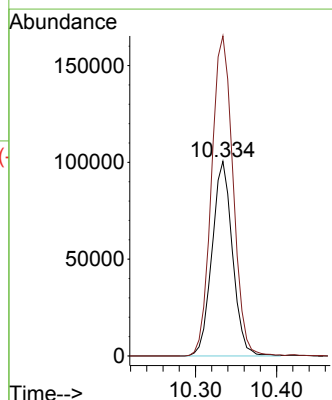
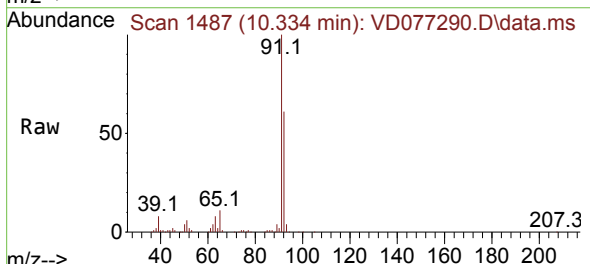
Instrument :
MSVOA_D
ClientSampleId :

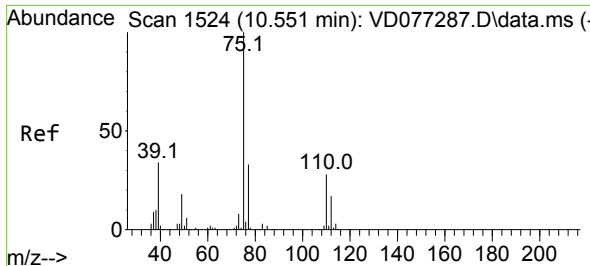
Tgt Ion: 43 Resp: 175647
Ion Ratio Lower Upper
43 100
58 41.3 38.9 58.3



#52
Toluene
Concen: 19.485 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion: 92 Resp: 175782
Ion Ratio Lower Upper
92 100
91 173.3 143.0 214.4

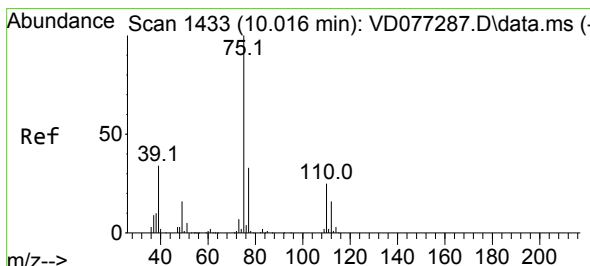
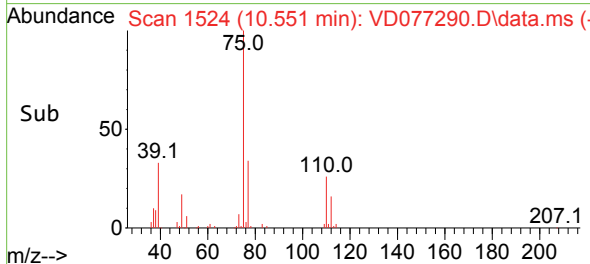
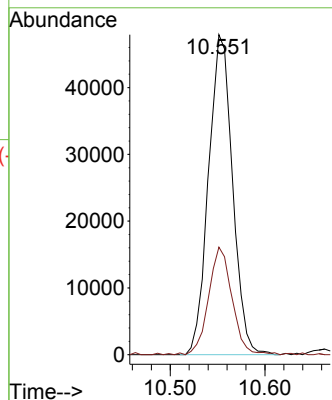
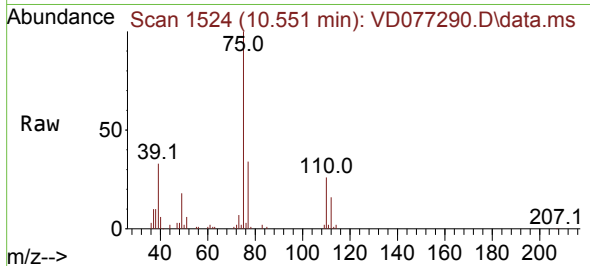




#53
t-1,3-Dichloropropene
Concen: 18.883 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

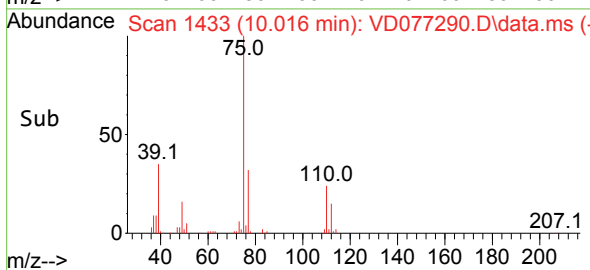
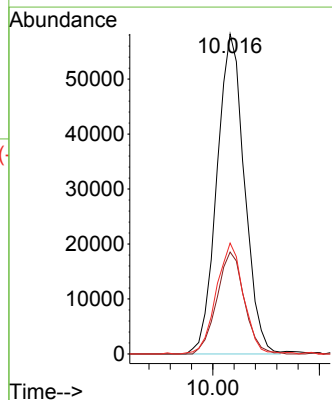
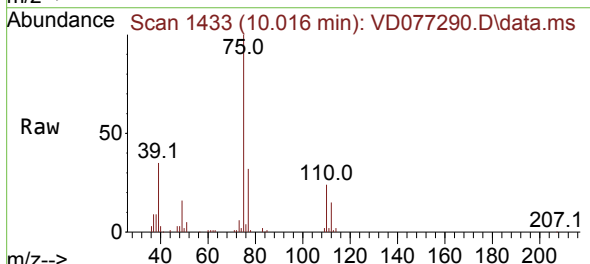
Instrument :
MSVOA_D
ClientSampleId :

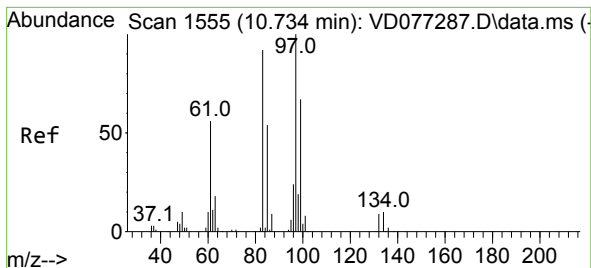
Tgt Ion: 75 Resp: 84568
Ion Ratio Lower Upper
75 100
77 33.6 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 19.036 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion: 75 Resp: 104465
Ion Ratio Lower Upper
75 100
77 31.8 25.5 38.3
39 34.7 22.1 33.1#

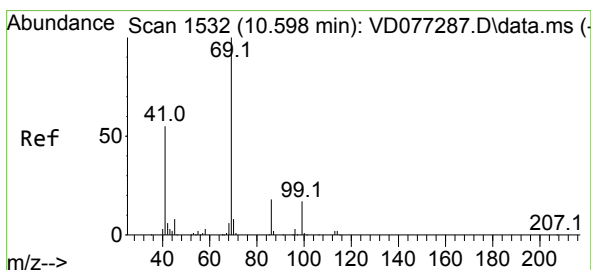
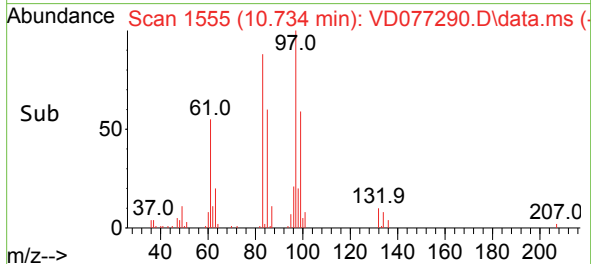
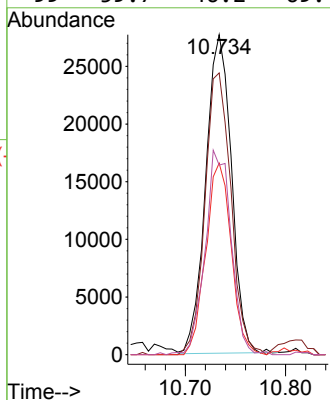
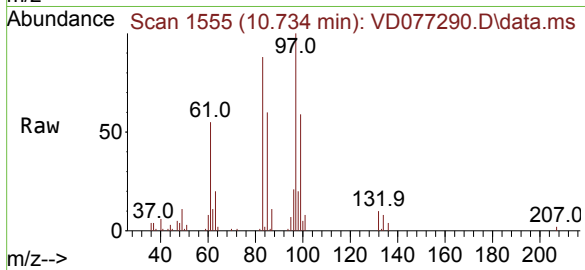




#55
1,1,2-Trichloroethane
Concen: 18.322 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

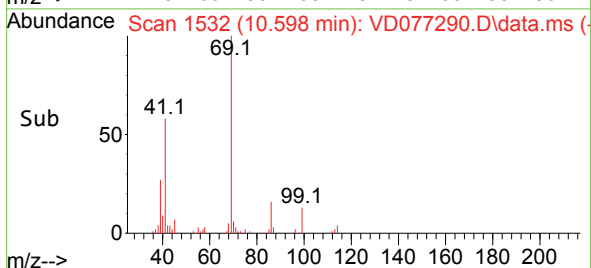
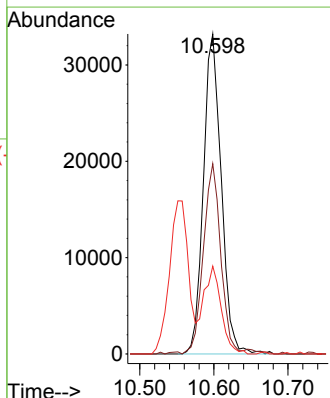
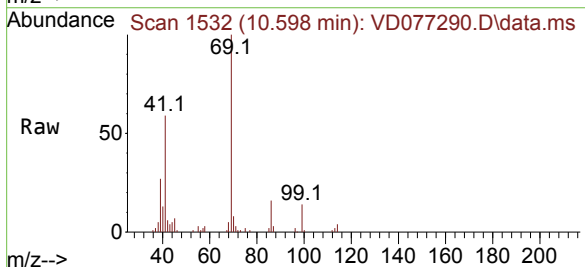
Instrument :
MSVOA_D
ClientSampleId :

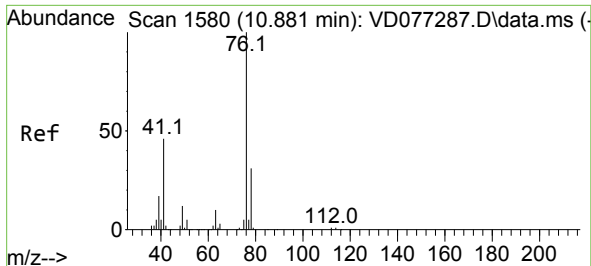
Tgt Ion:	97	Resp:	49266
Ion	Ratio	Lower	Upper
97	100		
83	88.7	65.8	98.6
85	60.3	45.7	68.5
99	59.7	46.2	69.4



#56
Ethyl methacrylate
Concen: 18.393 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion:	69	Resp:	55552
Ion	Ratio	Lower	Upper
69	100		
41	58.2	39.1	58.7
39	27.3	20.0	30.0





#57

1,3-Dichloropropane

Concen: 19.329 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Instrument :

MSVOA_D

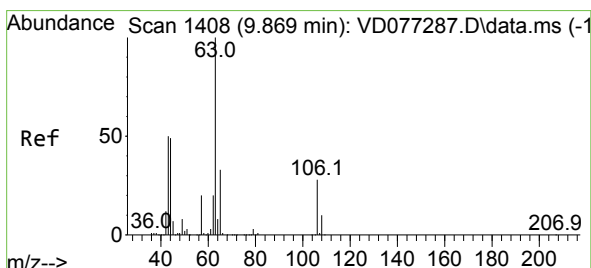
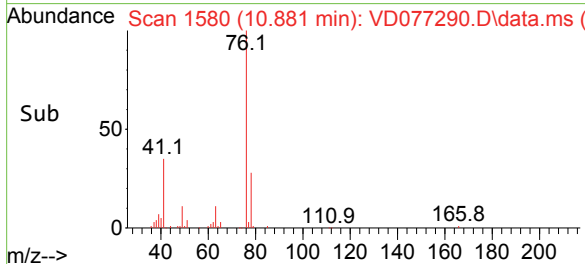
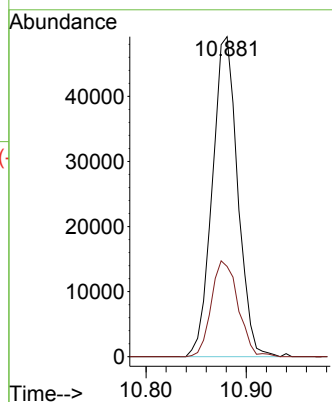
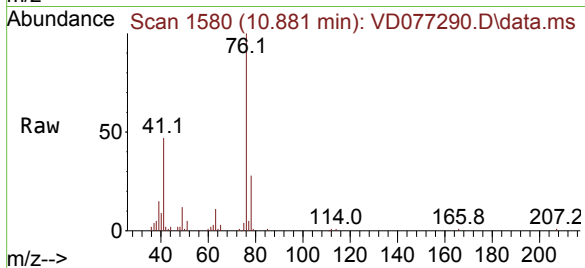
ClientSampleId :

Tgt Ion: 76 Resp: 86380

Ion Ratio Lower Upper

76 100

78 31.7 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 93.389 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077290.D

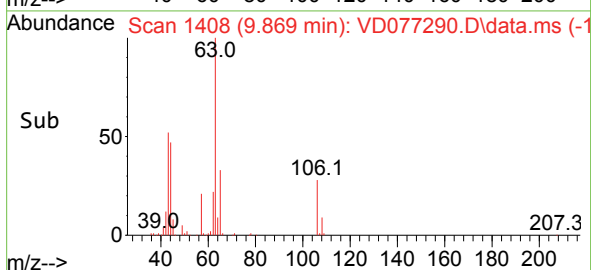
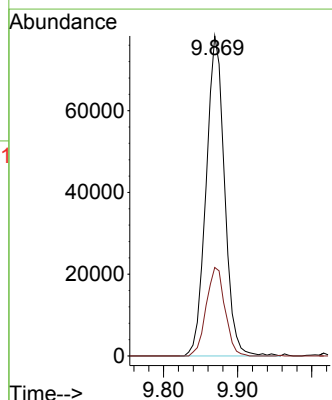
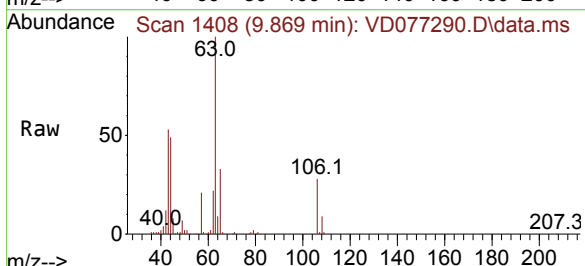
Acq: 06 Oct 2023 16:43

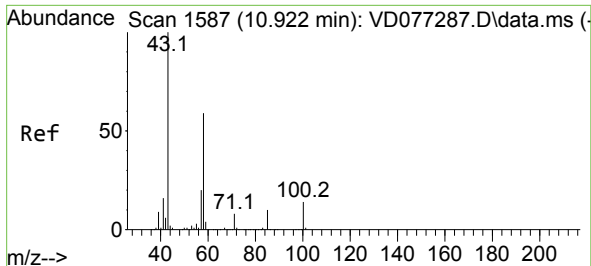
Tgt Ion: 63 Resp: 135287

Ion Ratio Lower Upper

63 100

106 28.1 25.3 37.9

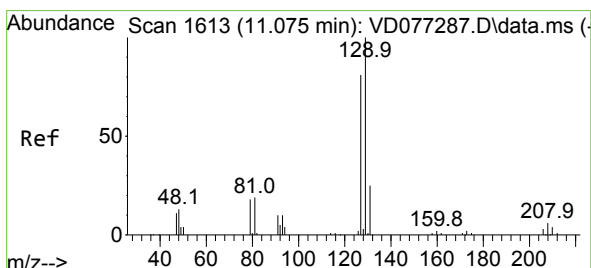
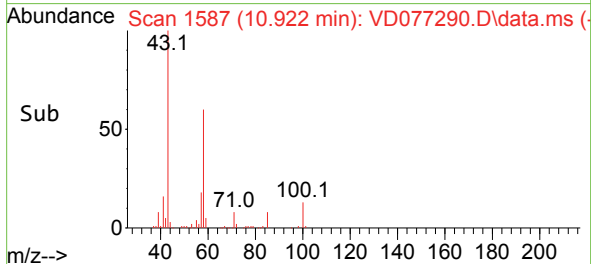
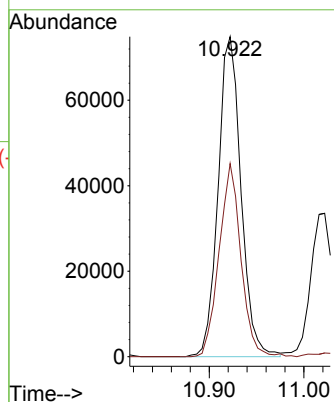
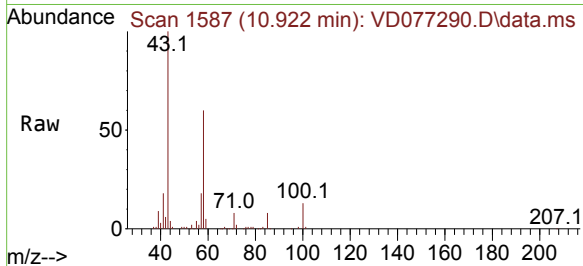




#59
2-Hexanone
Concen: 95.479 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

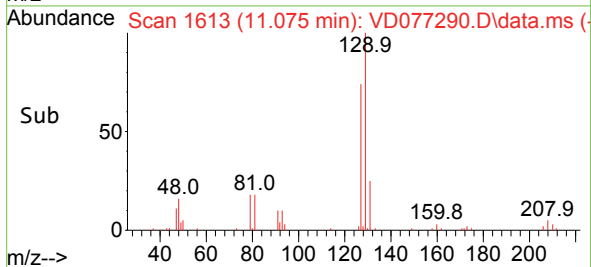
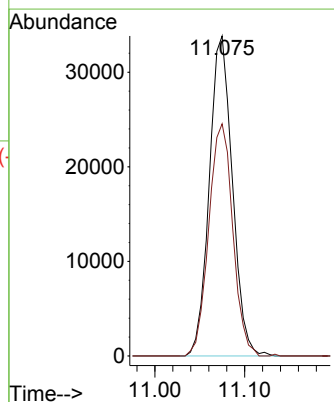
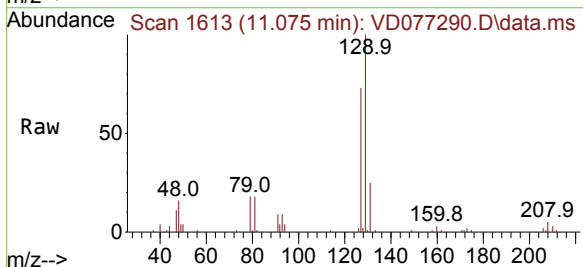
Instrument :
MSVOA_D
ClientSampleId :

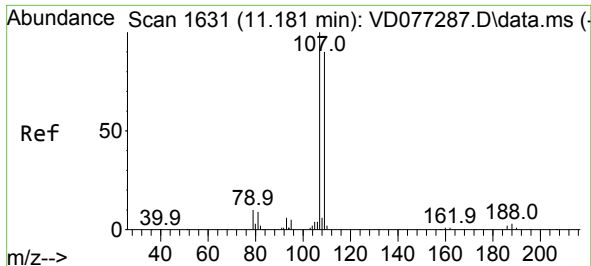
Tgt Ion: 43 Resp: 125702
Ion Ratio Lower Upper
43 100
58 57.6 34.1 102.2



#60
Dibromochloromethane
Concen: 19.339 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion: 129 Resp: 60394
Ion Ratio Lower Upper
129 100
127 75.4 37.1 111.5

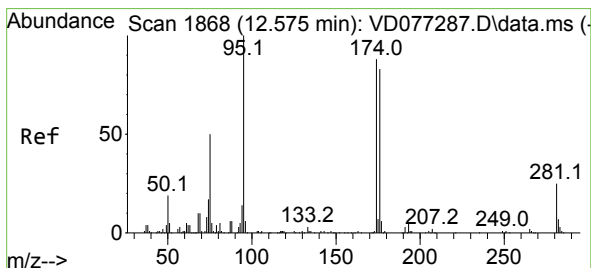
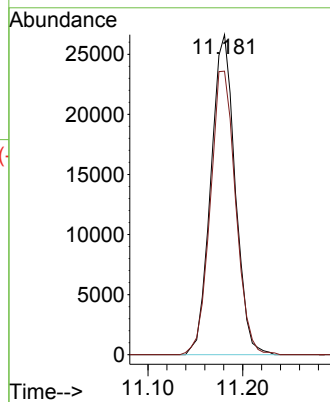
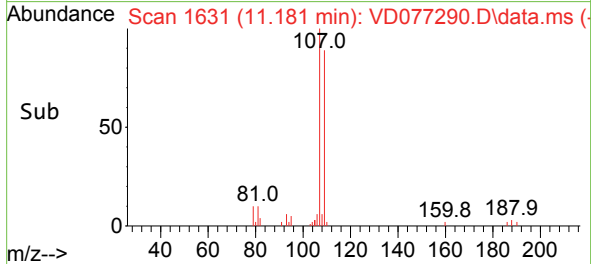
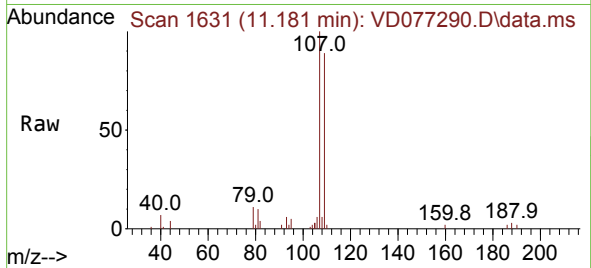




#61
1,2-Dibromoethane
Concen: 18.989 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

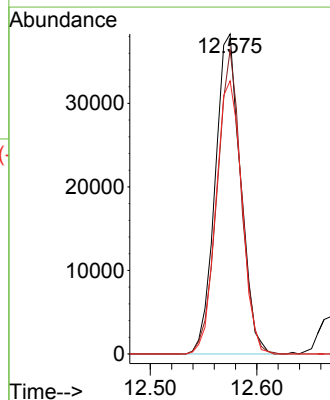
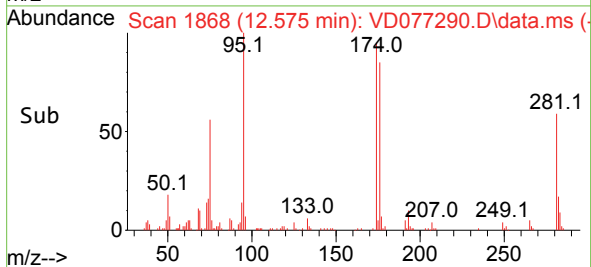
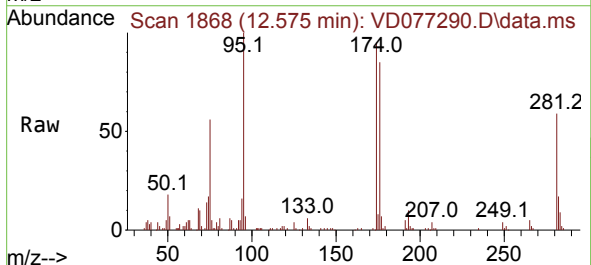
Instrument :
MSVOA_D
ClientSampleId :

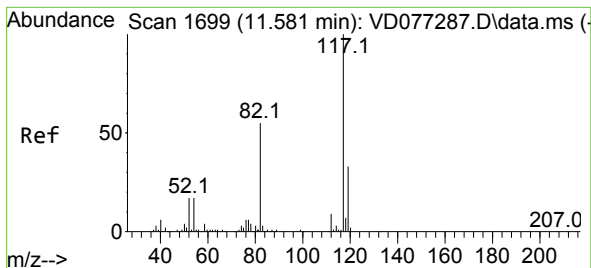
Tgt Ion:107 Resp: 47472
Ion Ratio Lower Upper
107 100
109 92.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 19.498 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

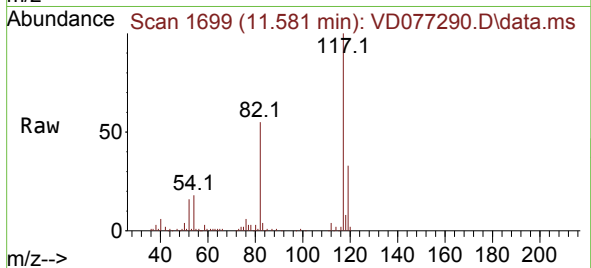
Tgt Ion: 95 Resp: 63506
Ion Ratio Lower Upper
95 100
174 89.9 0.0 201.8
176 86.9 0.0 191.8



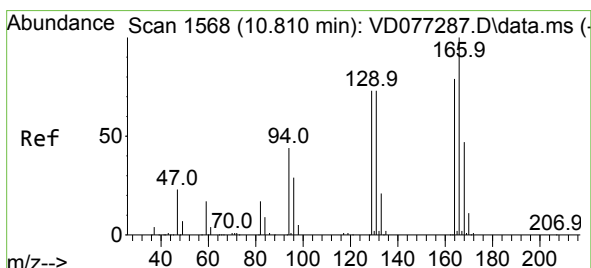
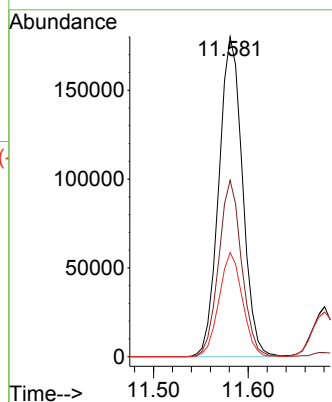
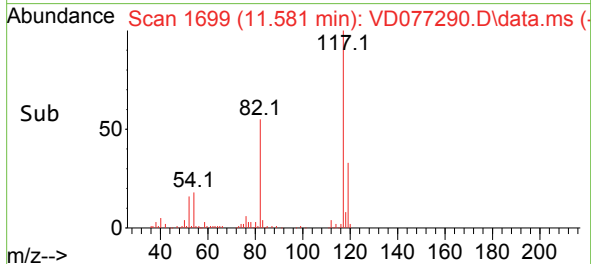


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Instrument :
MSVOA_D
ClientSampleId :

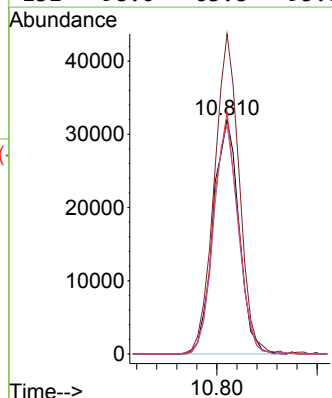
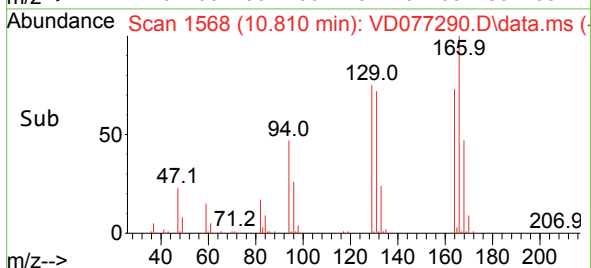
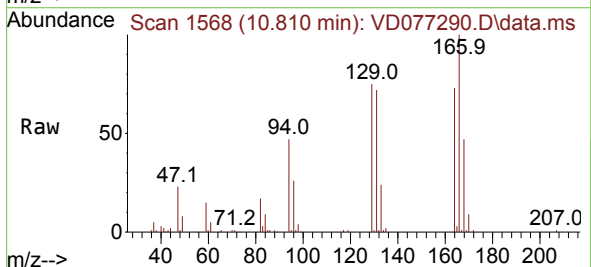


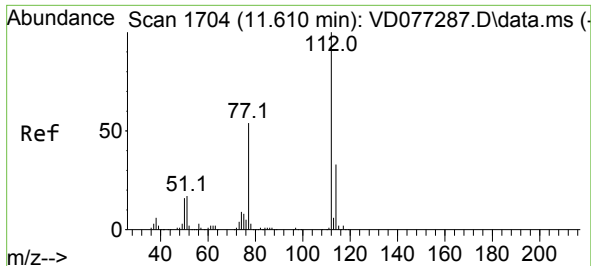
Tgt Ion:117 Resp: 312097
Ion Ratio Lower Upper
117 100
82 55.1 38.3 57.5
119 32.6 25.0 37.4



#64
Tetrachloroethene
Concen: 19.147 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

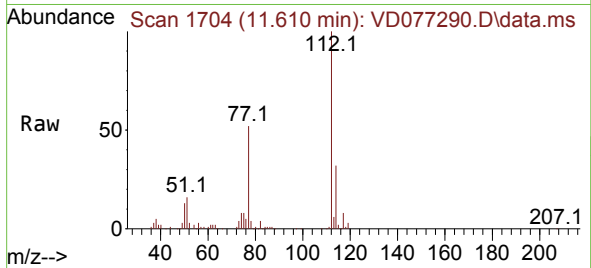
Tgt Ion:164 Resp: 57034
Ion Ratio Lower Upper
164 100
166 136.6 99.2 148.8
129 103.2 68.4 102.6#
131 98.0 63.8 95.8#



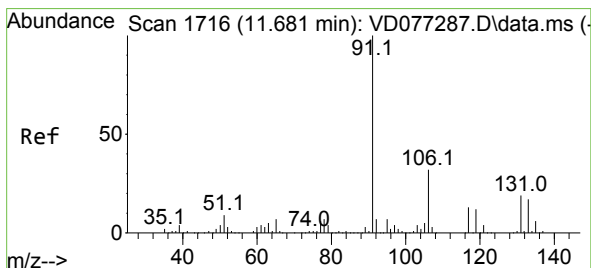
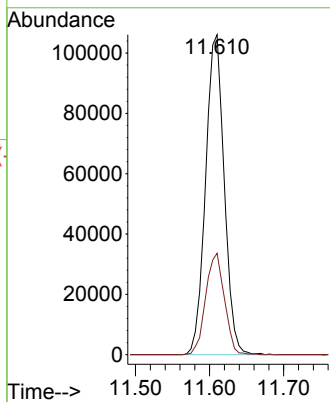
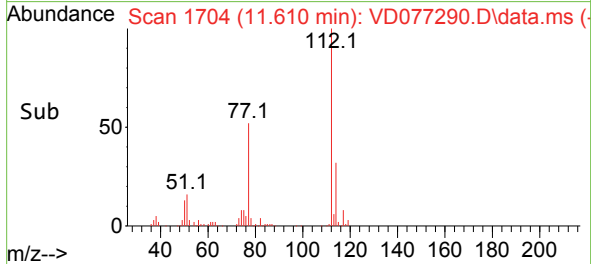


#65
Chlorobenzene
Concen: 19.830 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Instrument :
MSVOA_D
ClientSampleId :

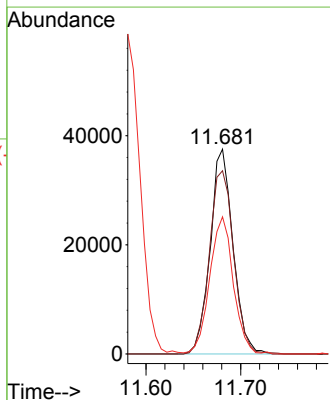
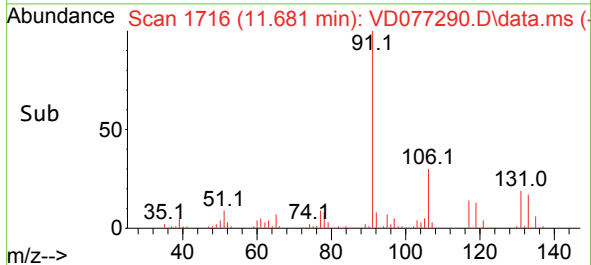
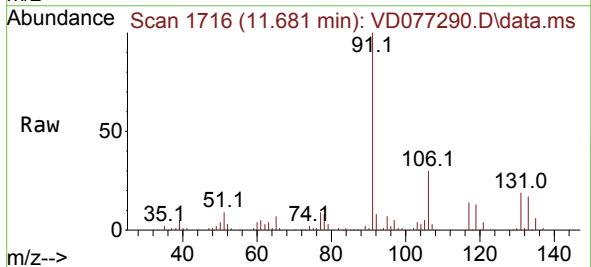


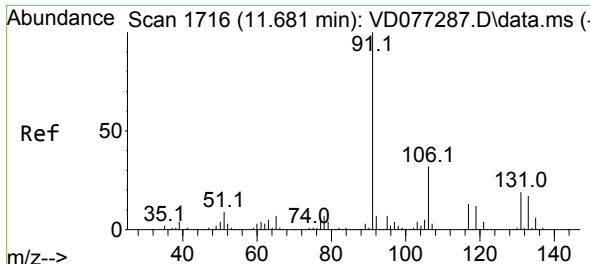
Tgt Ion:112 Resp: 185324
Ion Ratio Lower Upper
112 100
114 31.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.976 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

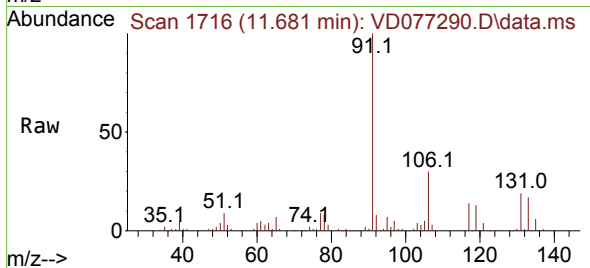
Tgt Ion:131 Resp: 62871
Ion Ratio Lower Upper
131 100
133 95.5 48.5 145.5
119 69.2 35.6 106.9



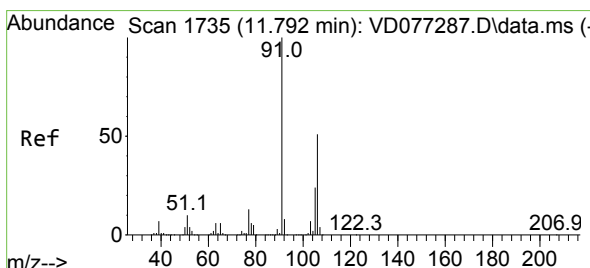
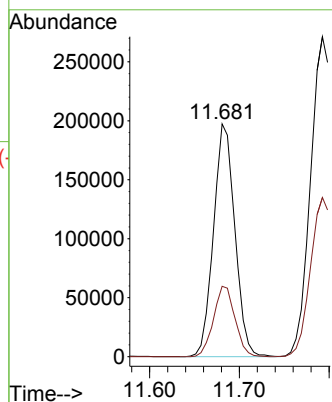
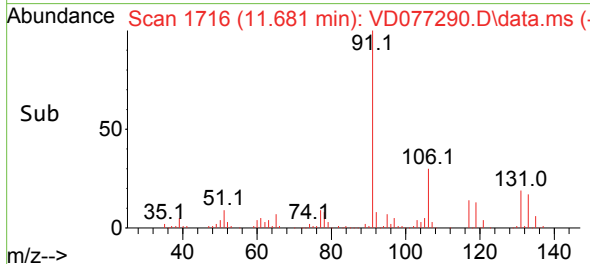


#67
Ethyl Benzene
Concen: 19.377 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Instrument :
MSVOA_D
ClientSampleId :

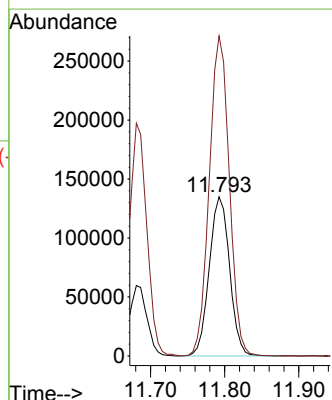
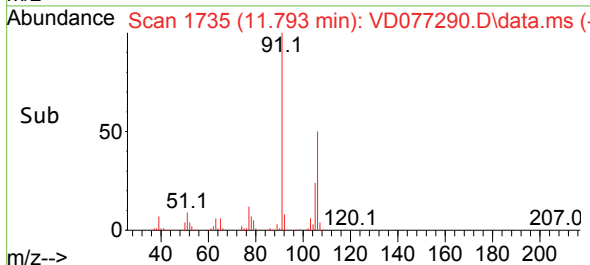
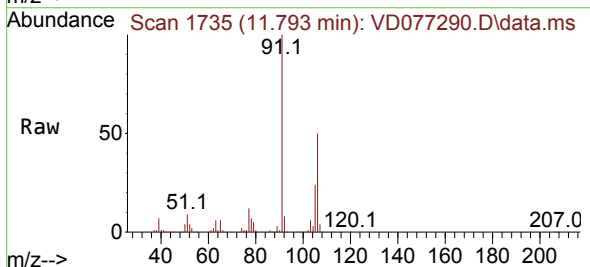


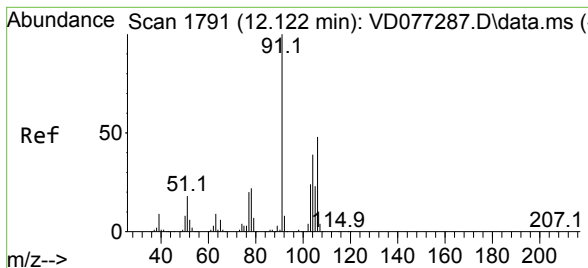
Tgt Ion: 91 Resp: 326265
Ion Ratio Lower Upper
91 100
106 30.2 26.5 39.7



#68
m/p-Xylenes
Concen: 39.343 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion: 106 Resp: 257101
Ion Ratio Lower Upper
106 100
91 198.1 147.0 220.6

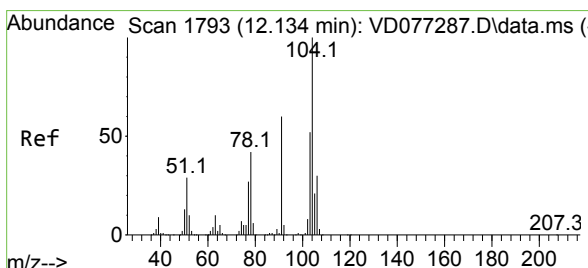
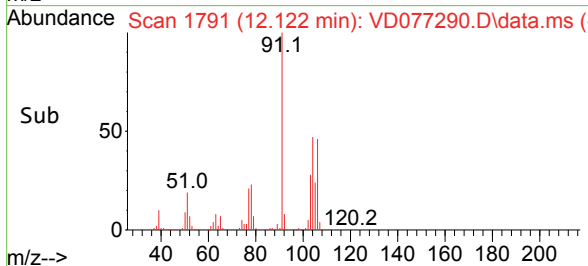
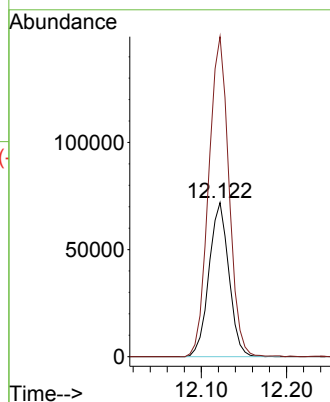
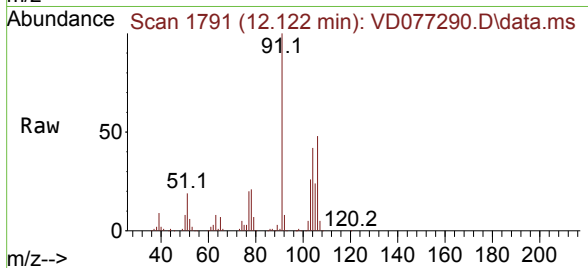




#69
o-Xylene
Concen: 19.348 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

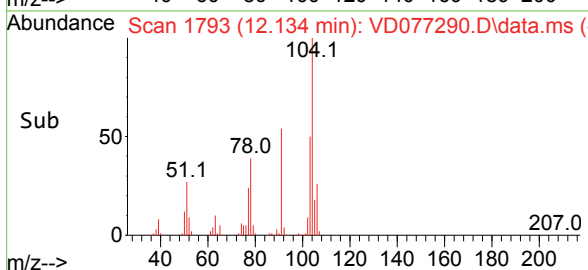
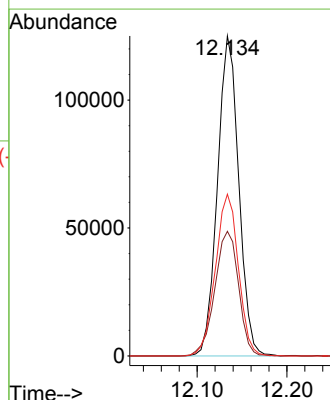
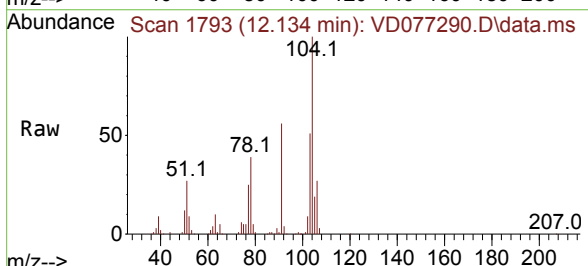
Instrument :
MSVOA_D
ClientSampleId :

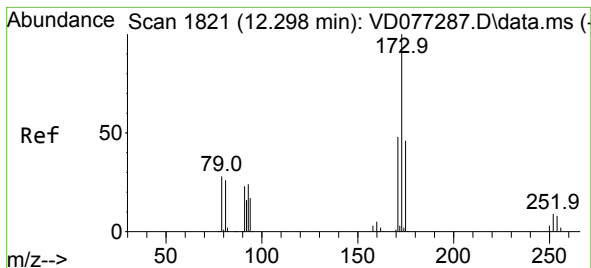
Tgt Ion:106 Resp: 116407
Ion Ratio Lower Upper
106 100
91 212.1 97.9 293.6



#70
Styrene
Concen: 19.905 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion:104 Resp: 206028
Ion Ratio Lower Upper
104 100
78 43.5 33.2 49.8
103 54.6 43.6 65.4





#71

Bromoform

Concen: 18.832 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077290.D

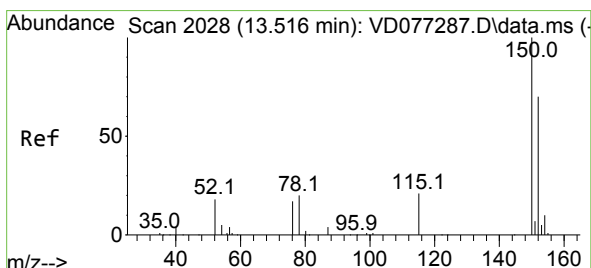
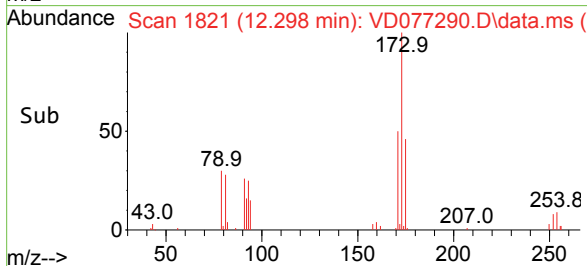
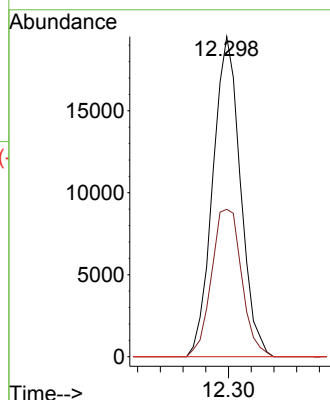
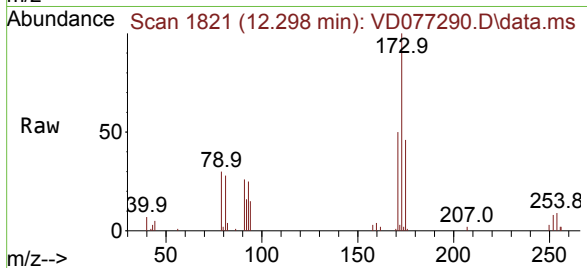
Acq: 06 Oct 2023 16:43

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	32996
Ion Ratio	Lower	Upper
173	100	
175	50.3	24.6 73.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

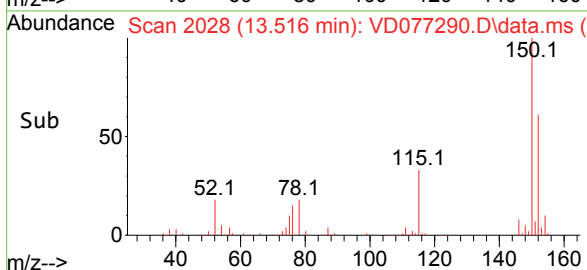
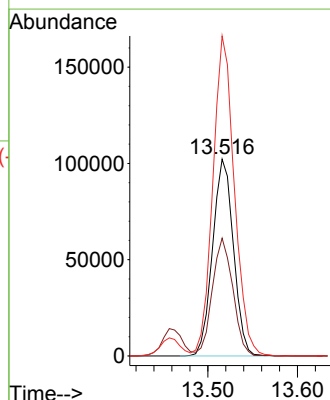
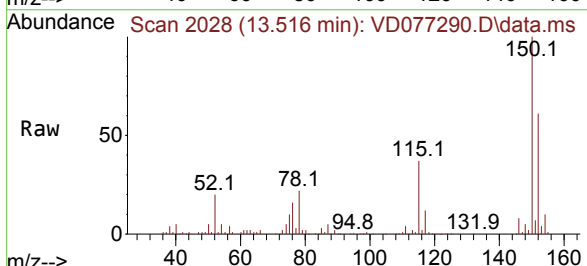
RT: 13.516 min Scan# 2028

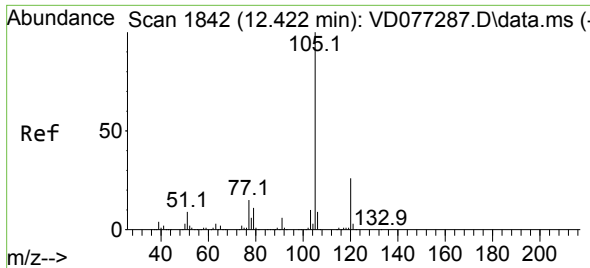
Delta R.T. -0.000 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Tgt Ion:152	Resp:	165107
Ion Ratio	Lower	Upper
152	100	
115	58.8	27.1 81.3
150	167.3	0.0 353.6

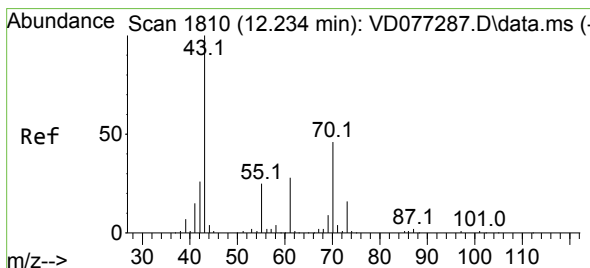
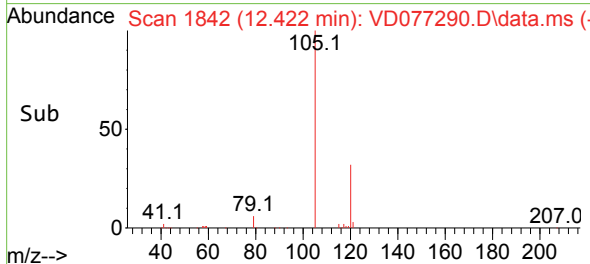
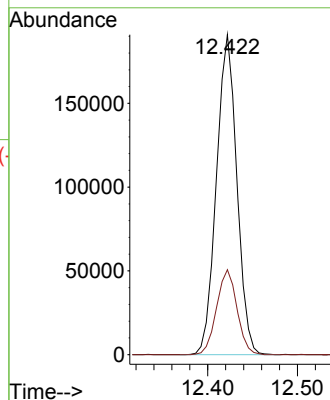
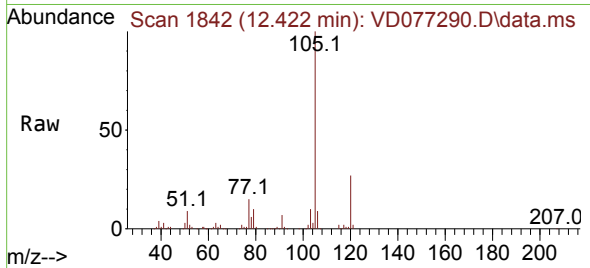




#73
Isopropylbenzene
Concen: 18.866 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

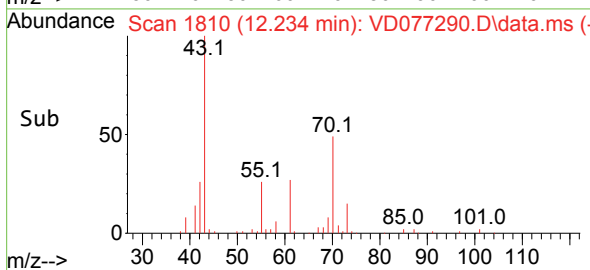
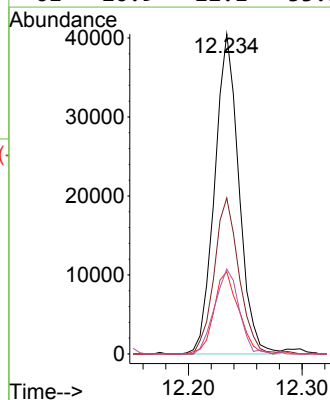
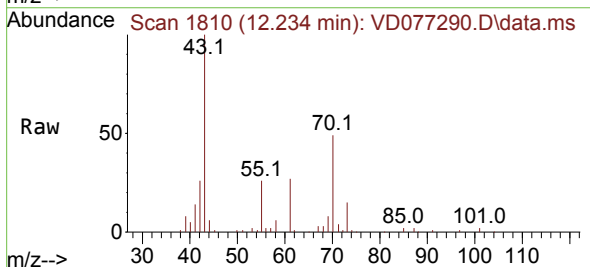
Instrument :
MSVOA_D
ClientSampleId :

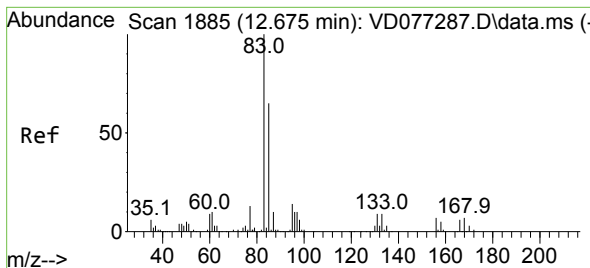
Tgt Ion:105 Resp: 301466
Ion Ratio Lower Upper
105 100
120 26.5 14.3 42.9



#74
N-ethyl acetate
Concen: 18.333 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion: 43 Resp: 60196
Ion Ratio Lower Upper
43 100
70 50.0 45.0 67.4
55 26.1 23.8 35.6
61 26.9 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.611 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD077290.D

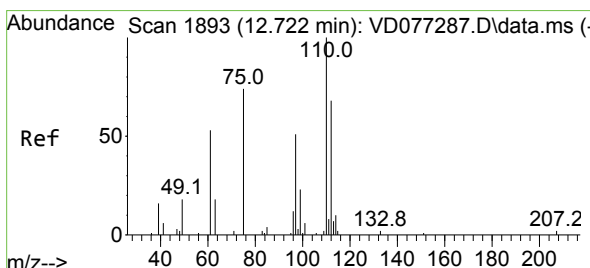
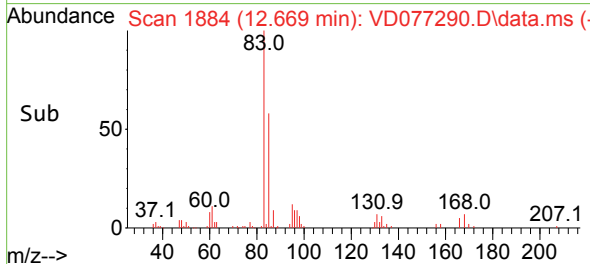
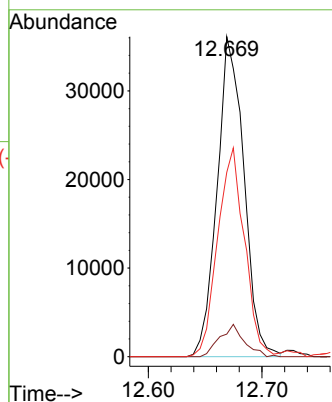
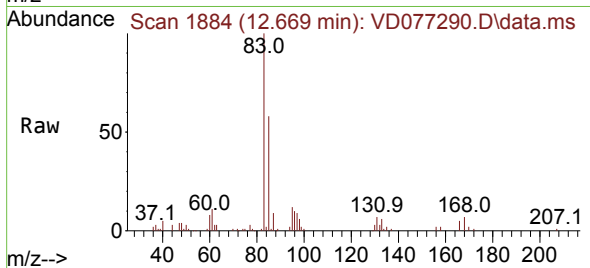
Acq: 06 Oct 2023 16:43

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	59236
Ion Ratio	Lower	Upper	
83	100		
131	9.2	5.1	15.3
85	65.5	32.6	97.8



#76

1,2,3-Trichloropropane

Concen: 32.944 ug/l

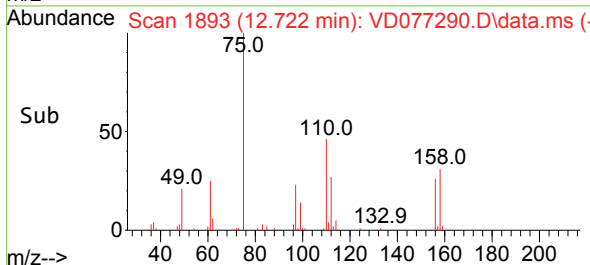
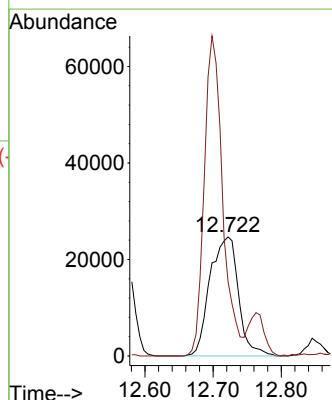
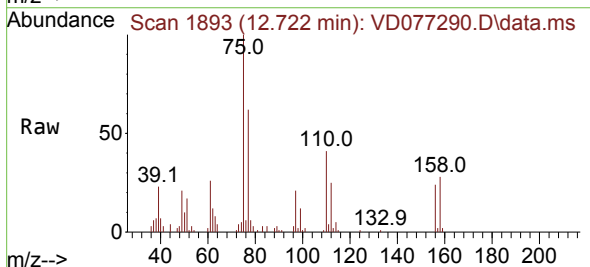
RT: 12.722 min Scan# 1893

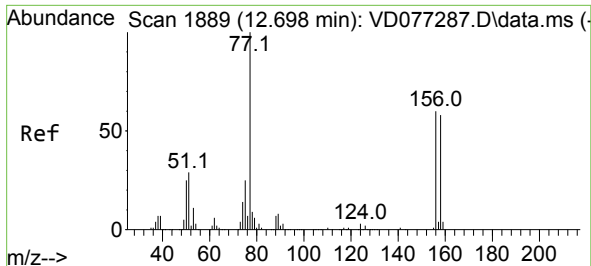
Delta R.T. 0.000 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Tgt Ion:	75	Resp:	71702
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

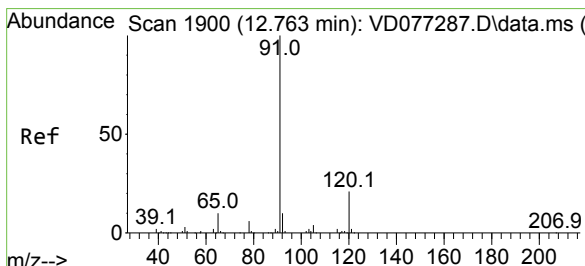
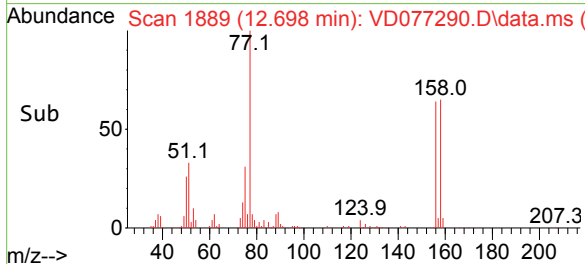
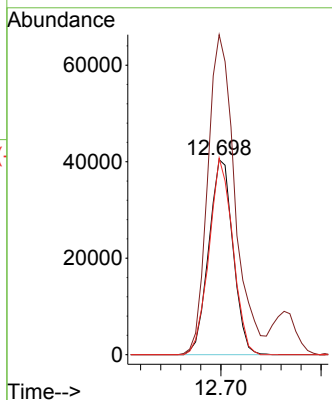
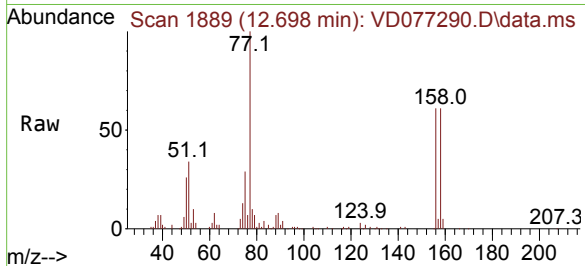




#77
Bromobenzene
Concen: 18.653 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

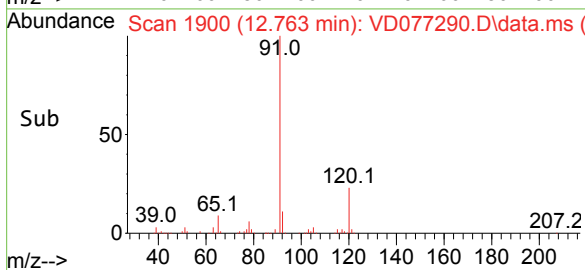
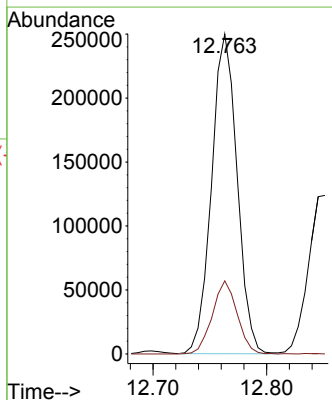
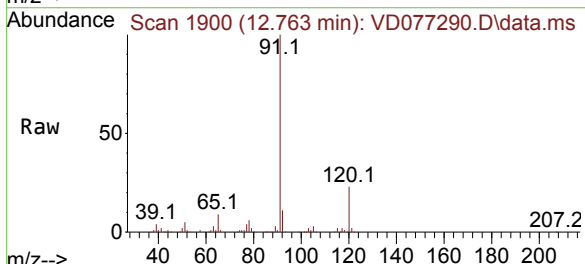
Instrument :
MSVOA_D
ClientSampleId :

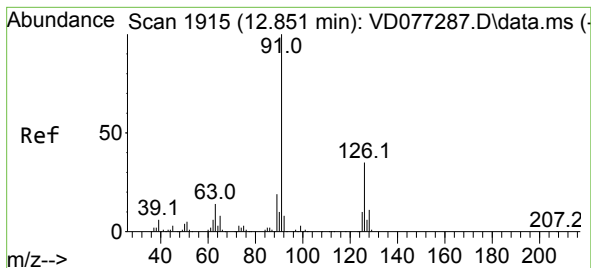
Tgt Ion:156 Resp: 67880
Ion Ratio Lower Upper
156 100
77 184.8 76.8 230.4
158 98.6 48.6 145.9



#78
n-propylbenzene
Concen: 19.576 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion: 91 Resp: 390612
Ion Ratio Lower Upper
91 100
120 22.2 12.4 37.2





#79

2-Chlorotoluene

Concen: 19.246 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Instrument :

MSVOA_D

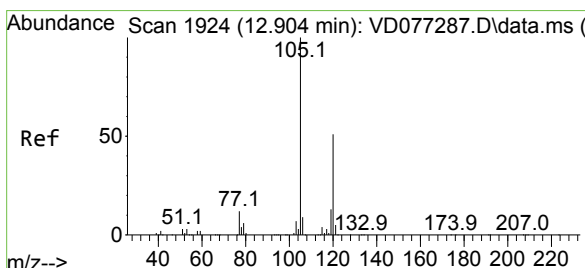
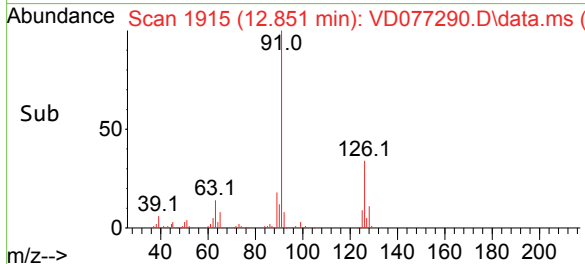
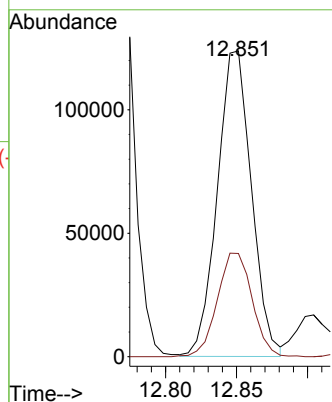
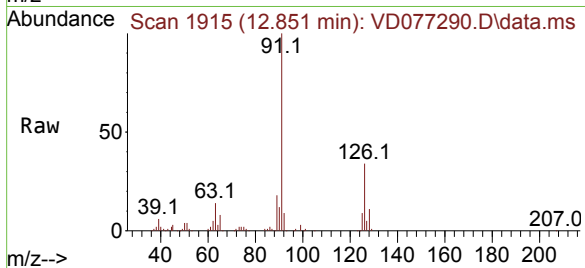
ClientSampleId :

Tgt Ion: 91 Resp: 206871

Ion Ratio Lower Upper

91 100

126 34.6 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 19.584 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077290.D

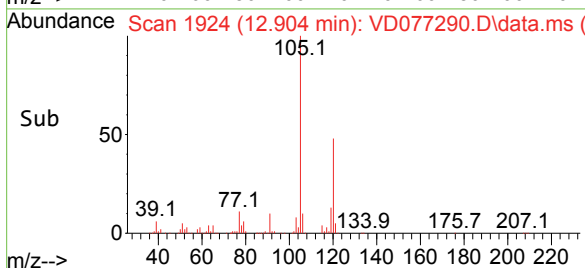
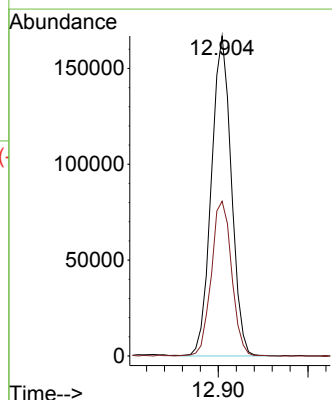
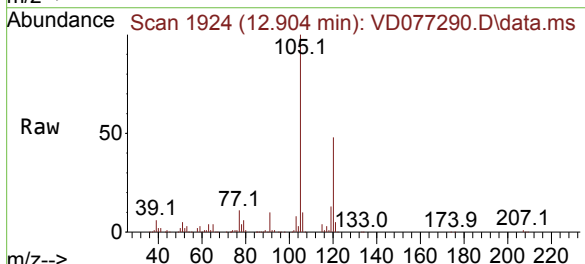
Acq: 06 Oct 2023 16:43

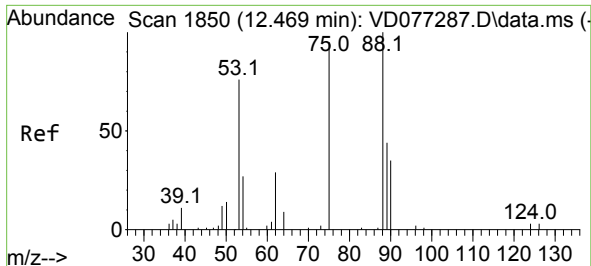
Tgt Ion:105 Resp: 257714

Ion Ratio Lower Upper

105 100

120 49.3 26.4 79.2

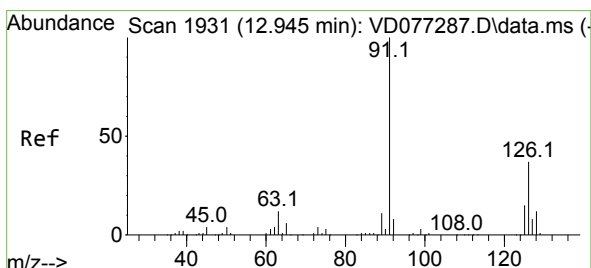
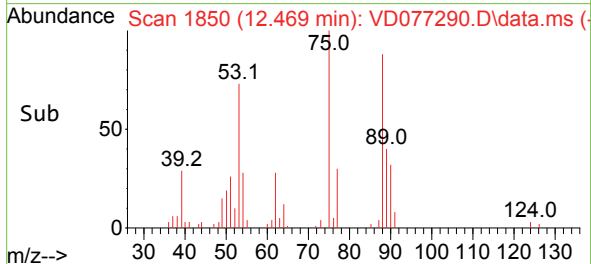
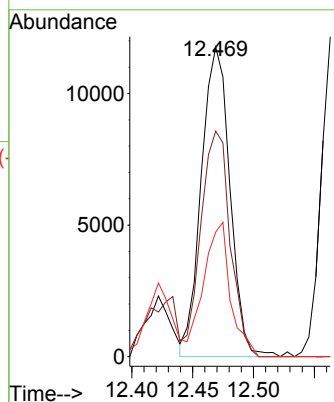
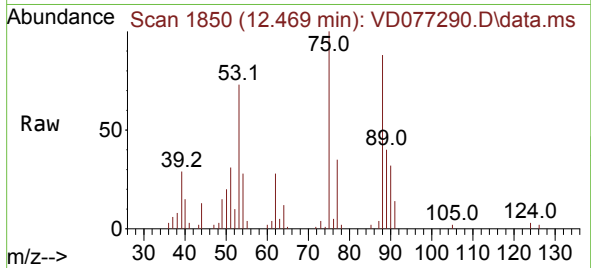




#81
trans-1,4-Dichloro-2-butene
Concen: 18.936 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

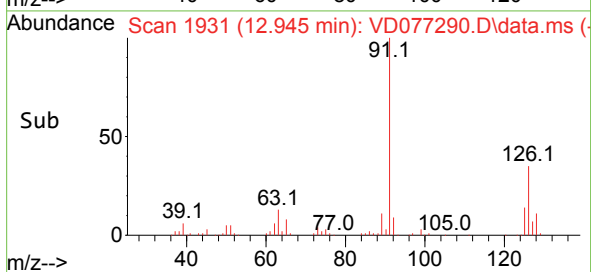
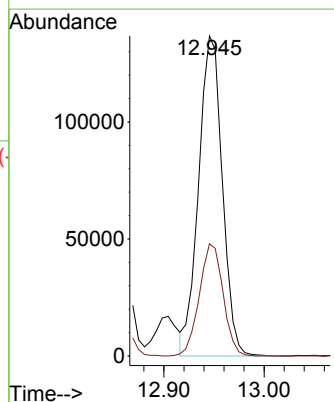
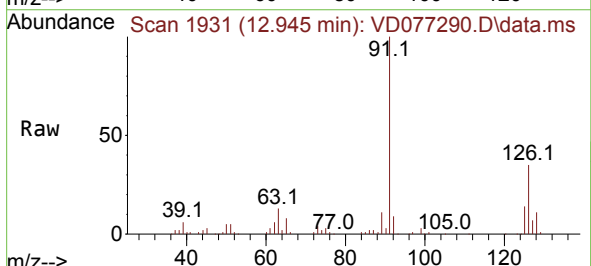
Instrument :
MSVOA_D
ClientSampleId :

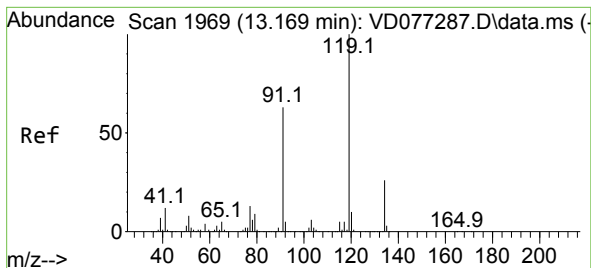
Tgt Ion: 75 Resp: 19256
Ion Ratio Lower Upper
75 100
53 74.6 63.0 94.4
89 40.4 37.9 56.9



#82
4-Chlorotoluene
Concen: 19.777 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion: 91 Resp: 224960
Ion Ratio Lower Upper
91 100
126 35.2 19.4 58.4





#83

tert-Butylbenzene

Concen: 18.948 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Instrument :

MSVOA_D

ClientSampleId :

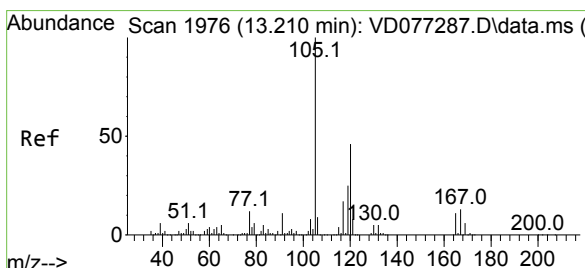
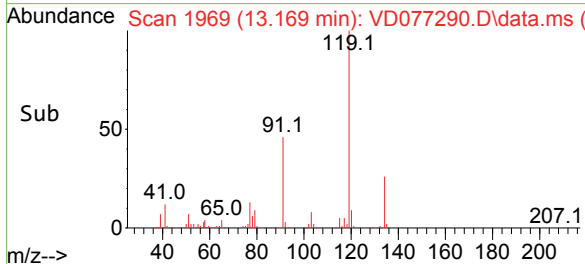
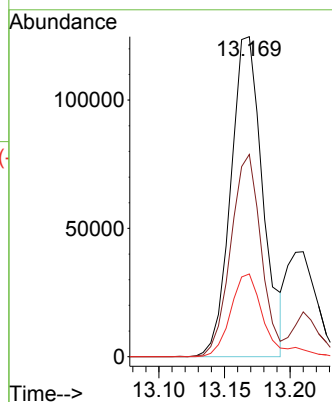
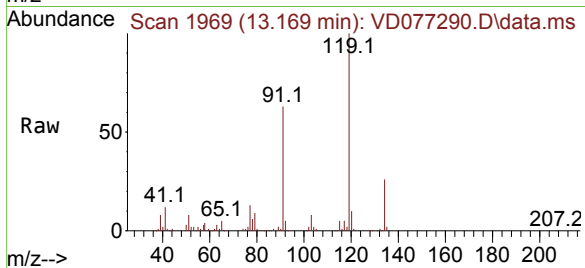
Tgt Ion:119 Resp: 211938

Ion Ratio Lower Upper

119 100

91 60.0 29.3 87.8

134 27.1 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 19.503 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077290.D

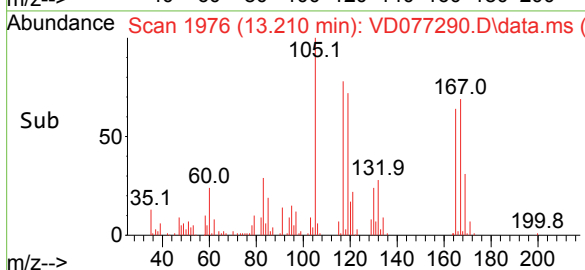
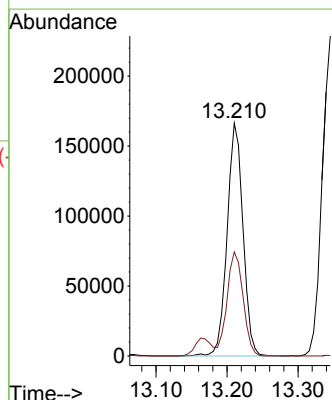
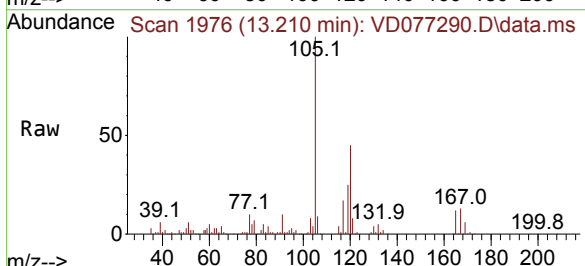
Acq: 06 Oct 2023 16:43

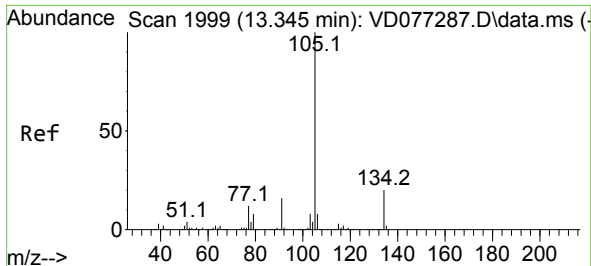
Tgt Ion:105 Resp: 257826

Ion Ratio Lower Upper

105 100

120 44.8 24.3 72.9

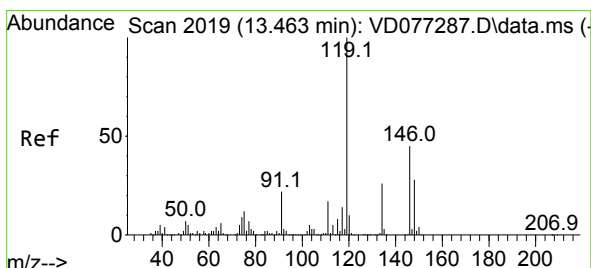
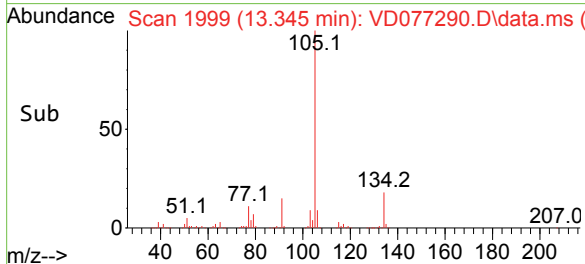
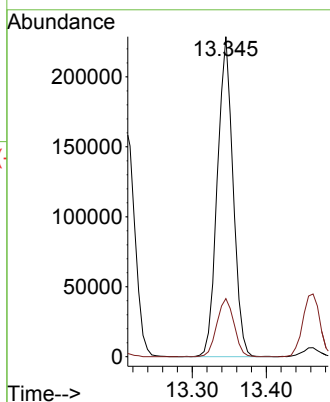
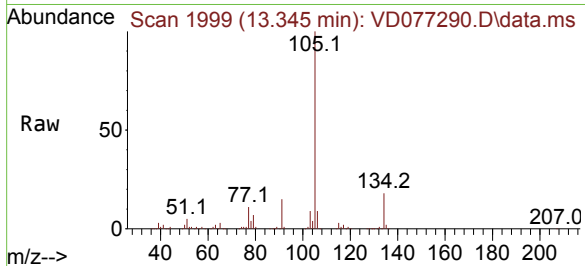




#85
 sec-Butylbenzene
 Concen: 19.451 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077290.D
 Acq: 06 Oct 2023 16:43

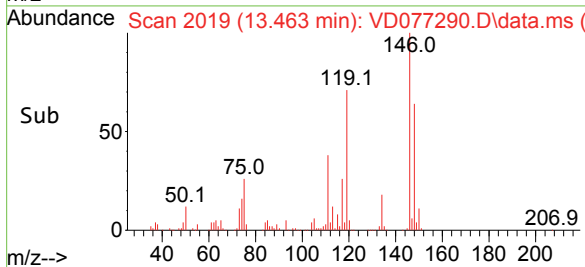
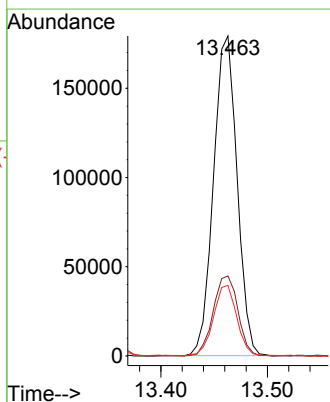
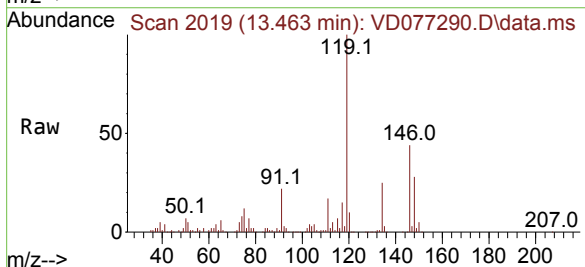
Instrument :
 MSVOA_D
 ClientSampleId :

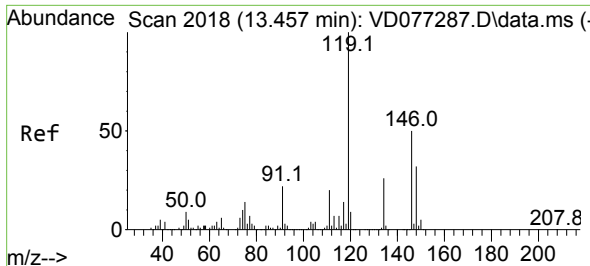
Tgt Ion:105 Resp: 335788
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 19.258 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077290.D
 Acq: 06 Oct 2023 16:43

Tgt Ion:119 Resp: 274766
 Ion Ratio Lower Upper
 119 100
 134 26.3 14.2 42.6
 91 22.0 10.5 31.5

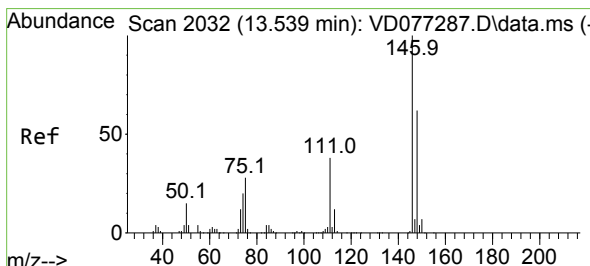
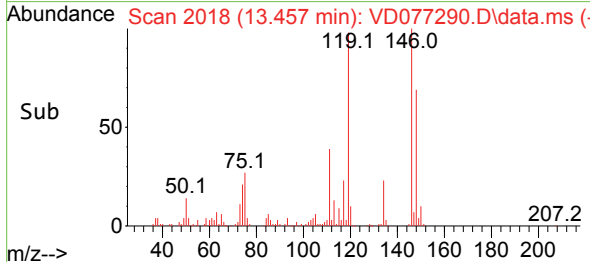
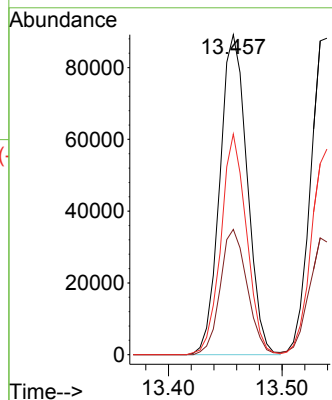
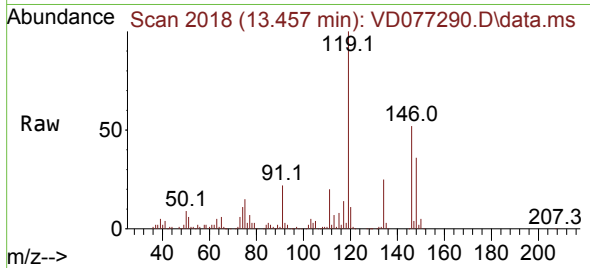




#87
1,3-Dichlorobenzene
Concen: 19.565 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

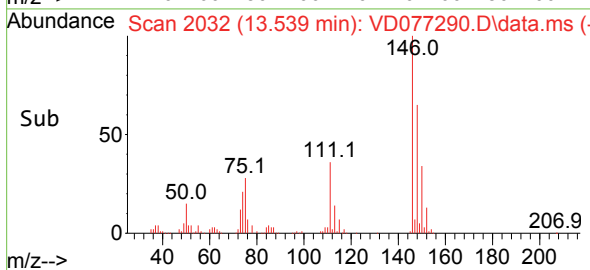
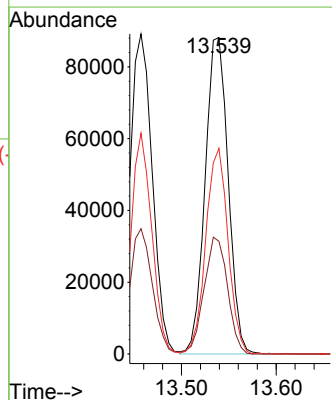
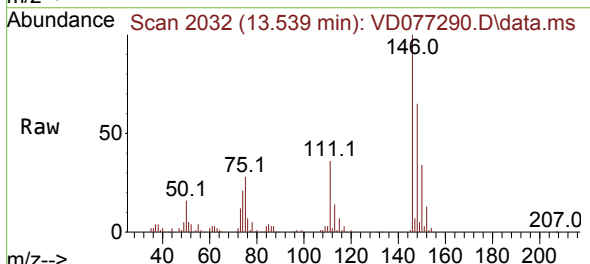
Instrument :
MSVOA_D
ClientSampleId :

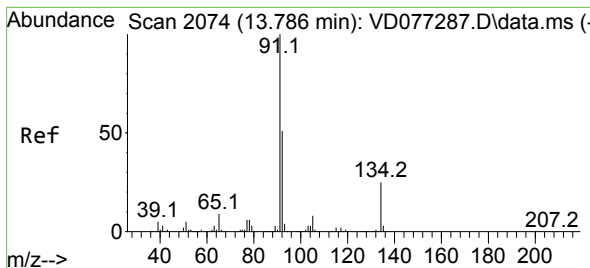
Tgt Ion:146 Resp: 149107
Ion Ratio Lower Upper
146 100
111 38.5 17.9 53.8
148 64.6 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 19.802 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion:146 Resp: 148765
Ion Ratio Lower Upper
146 100
111 37.8 17.4 52.3
148 62.9 31.7 95.1





#89

n-Butylbenzene

Concen: 19.508 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Instrument :

MSVOA_D

ClientSampleId :

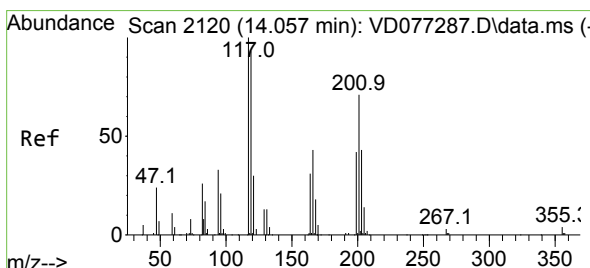
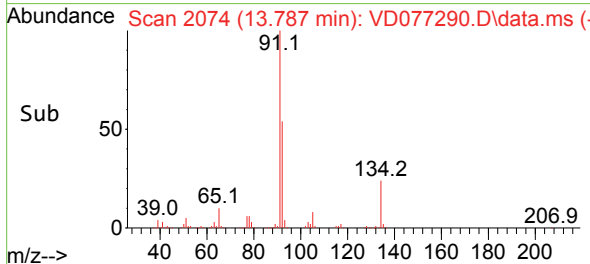
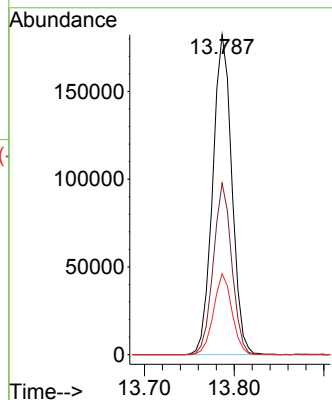
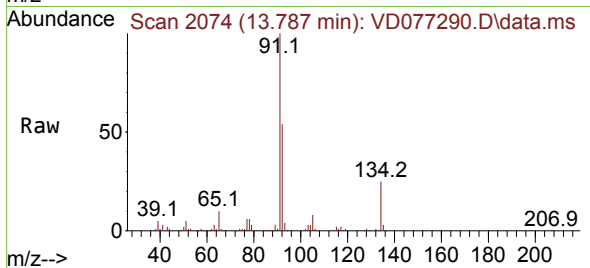
Tgt Ion: 91 Resp: 270316

Ion Ratio Lower Upper

91 100

92 51.6 26.5 79.5

134 24.4 13.8 41.3



#90

Hexachloroethane

Concen: 18.623 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD077290.D

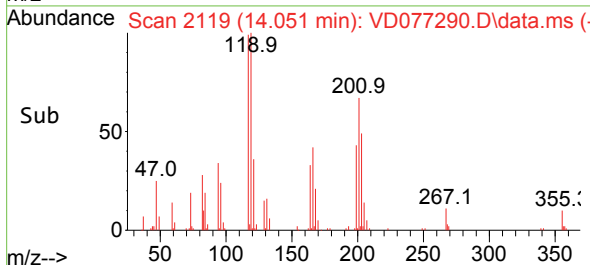
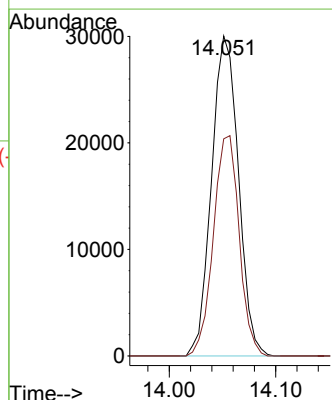
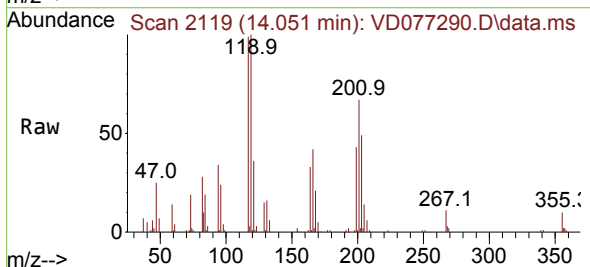
Acq: 06 Oct 2023 16:43

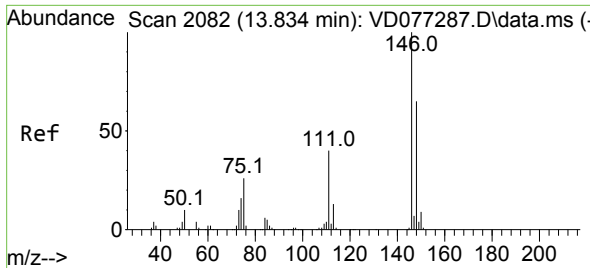
Tgt Ion: 117 Resp: 52701

Ion Ratio Lower Upper

117 100

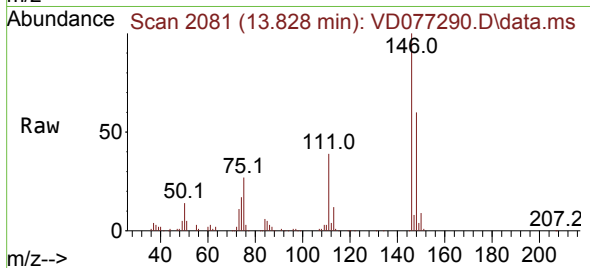
201 66.0 38.5 115.5



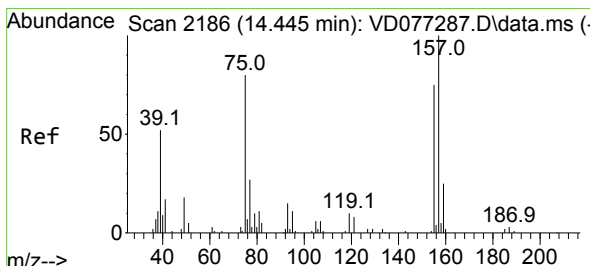
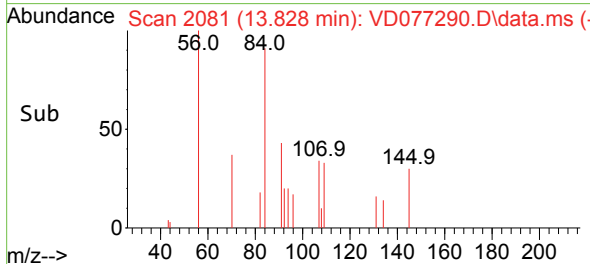
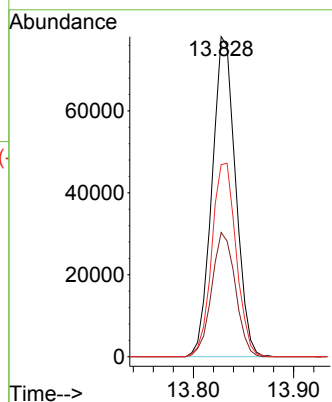


#91
1,2-Dichlorobenzene
Concen: 19.539 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Instrument :
MSVOA_D
ClientSampleId :

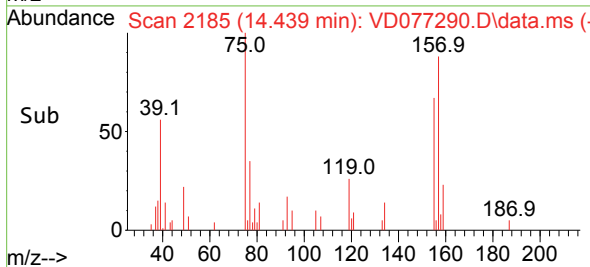
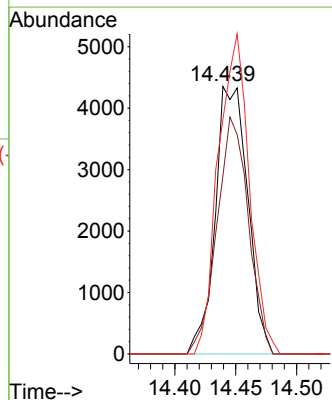
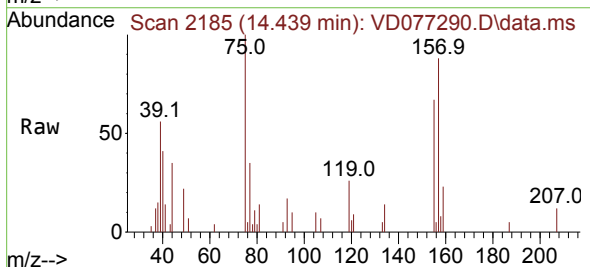


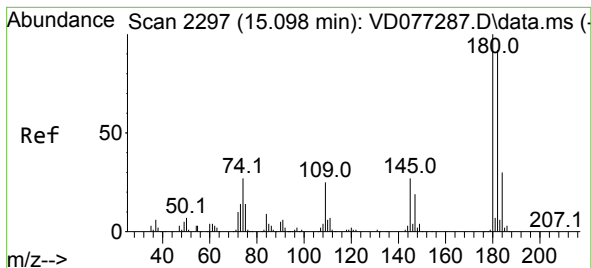
Tgt Ion:146 Resp: 127654
Ion Ratio Lower Upper
146 100
111 39.0 18.3 54.8
148 62.4 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.261 ug/l
RT: 14.439 min Scan# 2185
Delta R.T. -0.006 min
Lab File: VD077290.D
Acq: 06 Oct 2023 16:43

Tgt Ion: 75 Resp: 8085
Ion Ratio Lower Upper
75 100
155 85.6 47.9 143.8
157 113.8 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.194 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Instrument :

MSVOA_D

ClientSampleId :

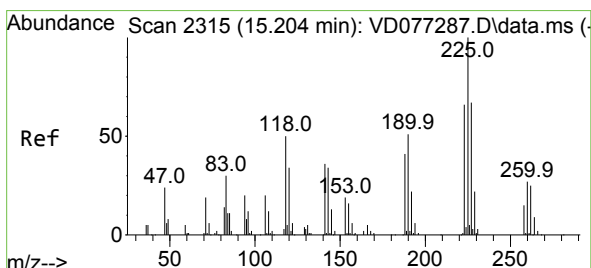
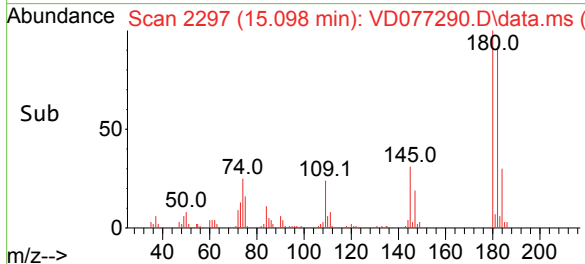
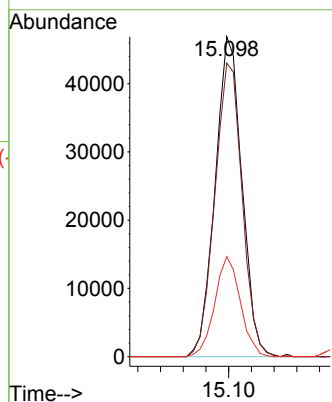
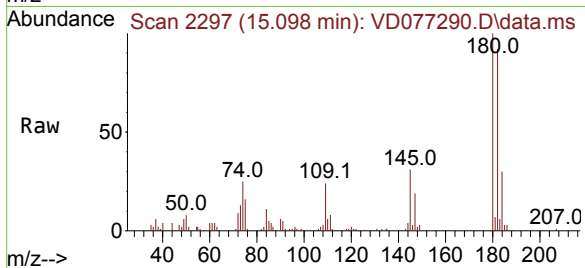
Tgt Ion:180 Resp: 76556

Ion Ratio Lower Upper

180 100

182 93.8 48.5 145.6

145 30.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.880 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

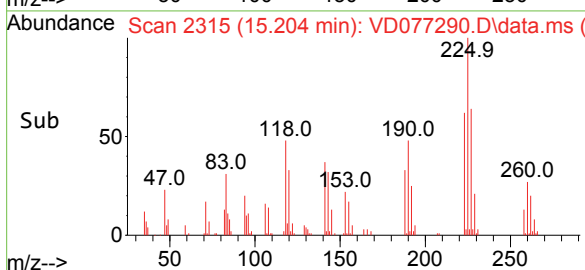
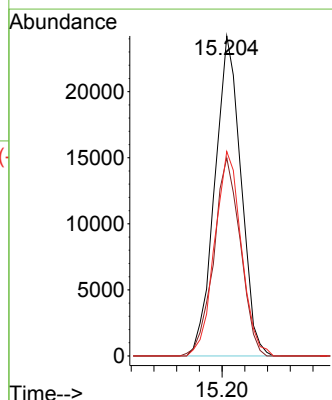
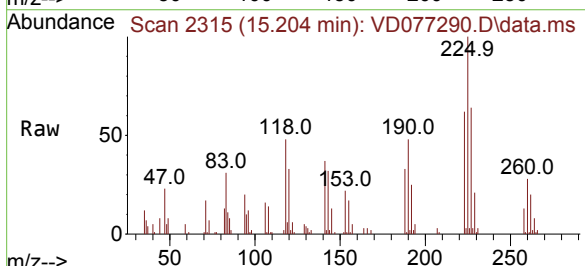
Tgt Ion:225 Resp: 38700

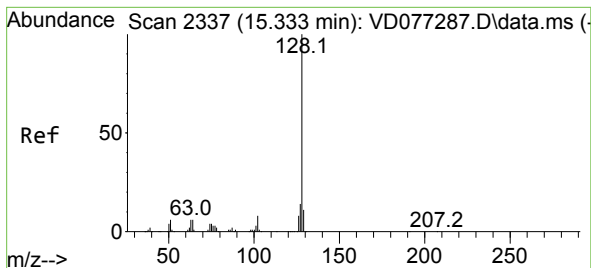
Ion Ratio Lower Upper

225 100

223 62.9 31.6 94.8

227 65.2 31.7 95.1





#95

Naphthalene

Concen: 17.955 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.001 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Instrument :

MSVOA_D

ClientSampleId :

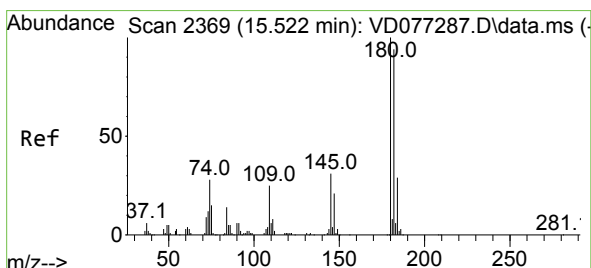
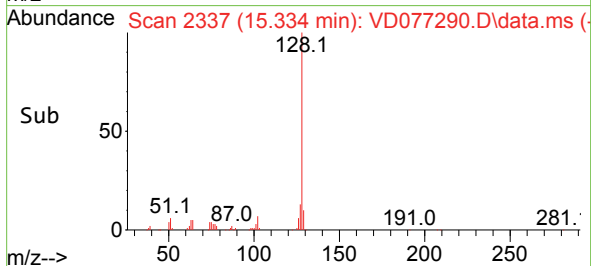
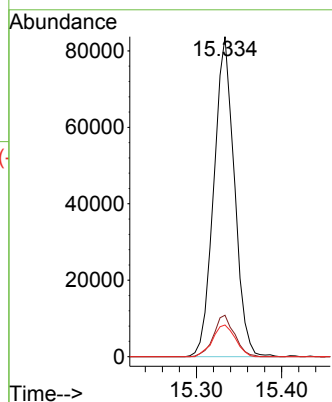
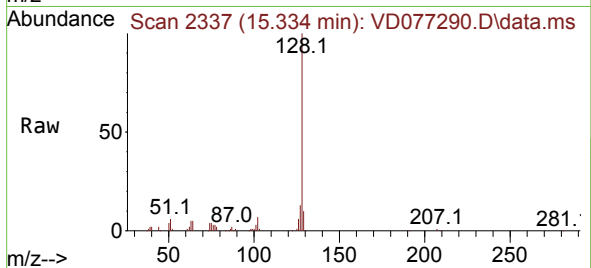
Tgt Ion:128 Resp: 140093

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 9.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.091 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.006 min

Lab File: VD077290.D

Acq: 06 Oct 2023 16:43

Tgt Ion:180 Resp: 66609

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.9

145 30.8 15.1 45.3

