

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102023\
 Data File : VD077361.D
 Acq On : 20 Oct 2023 12:19
 Operator : JC/SY
 Sample : VD1020SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 21 05:27:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	172858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	297624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	283045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	146819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	80301	52.025	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.040%	
35) Dibromofluoromethane	7.805	113	97366	46.566	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.140%	
50) Toluene-d8	10.269	98	358362	47.856	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.720%	
62) 4-Bromofluorobenzene	12.575	95	101722	47.190	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.380%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	35884	22.329	ug/l	92
3) Chloromethane	2.152	50	63118	19.287	ug/l	96
4) Vinyl Chloride	2.287	62	93699	24.239	ug/l	100
5) Bromomethane	2.687	94	65052	26.187	ug/l	99
6) Chloroethane	2.834	64	68014	25.028	ug/l	97
7) Trichlorofluoromethane	3.175	101	101694	25.933	ug/l	88
8) Diethyl Ether	3.599	74	18220	17.335	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.964	101	42008	20.706	ug/l	97
10) Methyl Iodide	4.164	142	37643	15.164	ug/l #	88
11) Tert butyl alcohol	5.052	59	8565	98.643	ug/l #	90
12) 1,1-Dichloroethene	3.940	96	37145	18.663	ug/l	94
13) Acrolein	3.799	56	14786	98.099	ug/l	98
14) Allyl chloride	4.564	41	40333	21.358	ug/l	96
15) Acrylonitrile	5.258	53	37817	118.732	ug/l	99
16) Acetone	4.017	43	35353	104.448	ug/l #	84
17) Carbon Disulfide	4.269	76	120956	20.674	ug/l	99
18) Methyl Acetate	4.558	43	26246	22.280	ug/l	91
19) Methyl tert-butyl Ether	5.316	73	70703	20.857	ug/l #	91
20) Methylene Chloride	4.799	84	67437	31.117	ug/l	91
21) trans-1,2-Dichloroethene	5.316	96	44463	21.479	ug/l	98
22) Diisopropyl ether	6.211	45	94985	25.623	ug/l	93
23) Vinyl Acetate	6.158	43	213990	123.179	ug/l	98
24) 1,1-Dichloroethane	6.116	63	74286	24.102	ug/l	100
25) 2-Butanone	7.081	43	41412	117.946	ug/l	97
26) 2,2-Dichloropropane	7.075	77	62954	22.401	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	47924	20.647	ug/l	98
28) Bromochloromethane	7.434	49	27471	24.400	ug/l	90
29) Tetrahydrofuran	7.446	42	24032	118.654	ug/l	99
30) Chloroform	7.599	83	82911	23.446	ug/l	94
31) Cyclohexane	7.881	56	55727	23.205	ug/l	94
32) 1,1,1-Trichloroethane	7.799	97	68961	22.604	ug/l	99
36) 1,1-Dichloropropene	8.010	75	58355	21.240	ug/l	99
37) Ethyl Acetate	7.169	43	18196	21.084	ug/l	98
38) Carbon Tetrachloride	7.993	117	62935	20.591	ug/l	96
39) Methylcyclohexane	9.275	83	63759	19.099	ug/l	97
40) Benzene	8.252	78	176378	21.154	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	10892	26.445	ug/l	91
42) 1,2-Dichloroethane	8.328	62	43958	22.383	ug/l	98
43) Isopropyl Acetate	8.363	43	35619	22.926	ug/l #	81
44) Trichloroethene	9.034	130	48365	19.841	ug/l	97
45) 1,2-Dichloropropane	9.304	63	44325	23.062	ug/l	92
46) Dibromomethane	9.393	93	25121	20.907	ug/l	91
47) Bromodichloromethane	9.587	83	61650	21.517	ug/l	99
48) Methyl methacrylate	9.381	41	15460	21.996	ug/l	89
49) 1,4-Dioxane	9.387	88	4337	390.766	ug/l	97
51) 4-Methyl-2-Pentanone	10.163	43	91341	117.281	ug/l	94
52) Toluene	10.334	92	113928	20.928	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	53419	20.771	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	67143	21.338	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	34495	20.727	ug/l	92
56) Ethyl methacrylate	10.599	69	32574	20.481	ug/l	98
57) 1,3-Dichloropropane	10.881	76	56413	22.067	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	86549	110.039	ug/l	98
59) 2-Hexanone	10.922	43	66303	118.533	ug/l	94
60) Dibromochloromethane	11.075	129	42408	19.956	ug/l	96
61) 1,2-Dibromoethane	11.181	107	31274	19.942	ug/l	96
64) Tetrachloroethene	10.810	164	39402	18.729	ug/l	92
65) Chlorobenzene	11.610	112	120455	19.524	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	46108	19.660	ug/l	98
67) Ethyl Benzene	11.687	91	198134	19.373	ug/l	99
68) m/p-Xylenes	11.793	106	166642	39.680	ug/l	96
69) o-Xylene	12.122	106	72110	18.652	ug/l	95
70) Styrene	12.140	104	129549	19.640	ug/l	99
71) Bromoform	12.304	173	24289	18.893	ug/l #	98
73) Isopropylbenzene	12.422	105	187223	19.279	ug/l	98
74) N-amyl acetate	12.234	43	30829	22.067	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	39748	22.524	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	45511	24.322	ug/l #	100
77) Bromobenzene	12.704	156	47407	18.594	ug/l	94
78) n-propylbenzene	12.763	91	242121	20.702	ug/l	97
79) 2-Chlorotoluene	12.851	91	129243	20.288	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	163108	20.353	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	11700	21.353	ug/l	97
82) 4-Chlorotoluene	12.951	91	140309	21.156	ug/l	99
83) tert-Butylbenzene	13.169	119	131587	18.520	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	160710	19.918	ug/l	98
85) sec-Butylbenzene	13.345	105	215874	20.191	ug/l	97
86) p-Isopropyltoluene	13.463	119	176909	19.046	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	101934	18.998	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	102113	19.205	ug/l	99
89) n-Butylbenzene	13.787	91	200470	24.787	ug/l	97
90) Hexachloroethane	14.057	117	39694	21.142	ug/l	90
91) 1,2-Dichlorobenzene	13.834	146	106917	23.589	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4840	22.408	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	47434	16.797	ug/l	99
94) Hexachlorobutadiene	15.204	225	26352	16.431	ug/l	98
95) Naphthalene	15.334	128	81555	17.105	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	41180	16.800	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Oct 18 03:02:43 2023
Response via : Initial Calibration

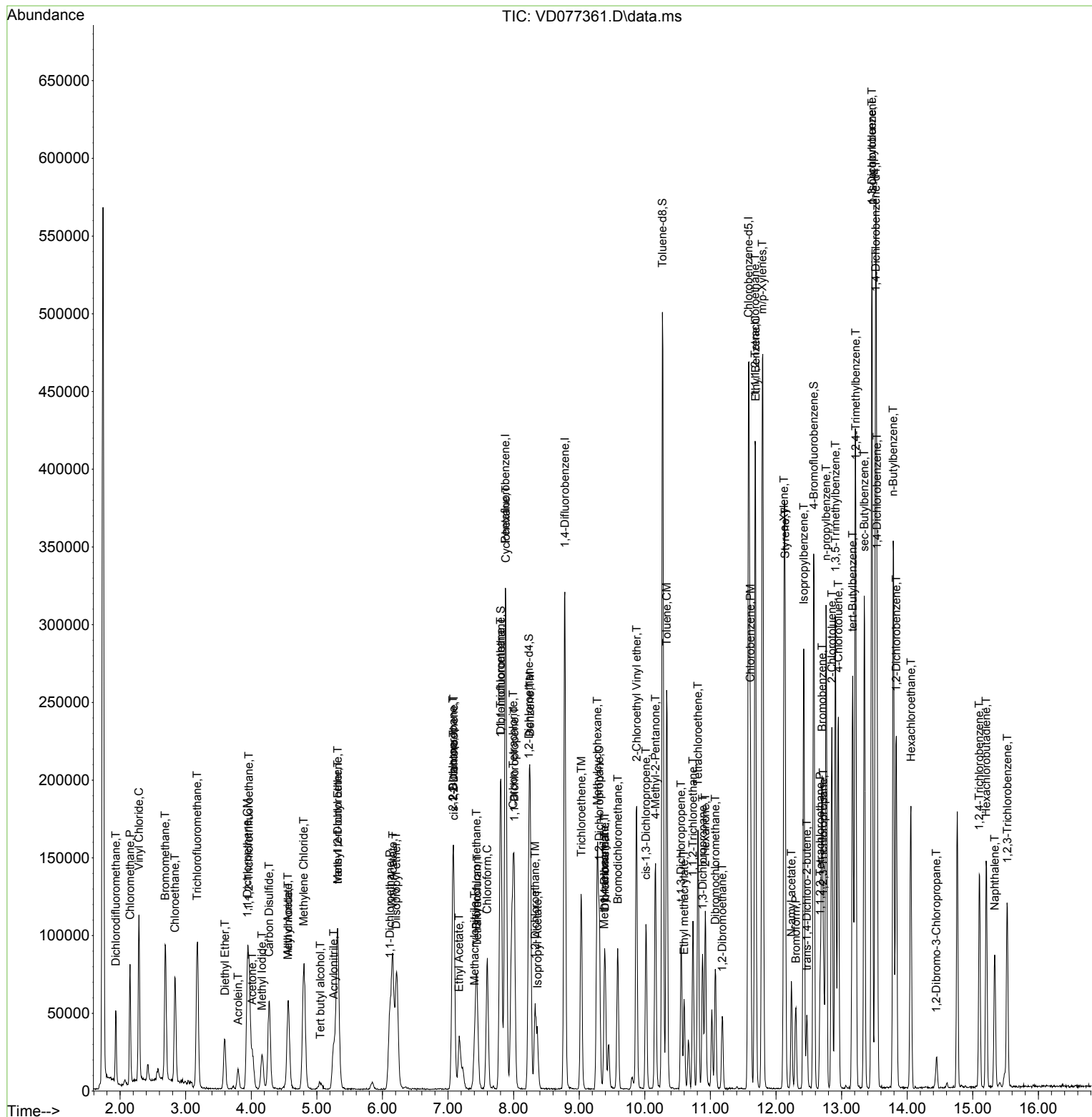
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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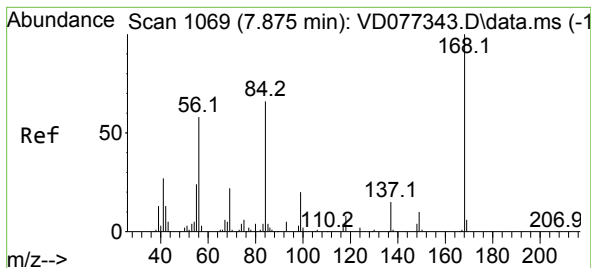
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

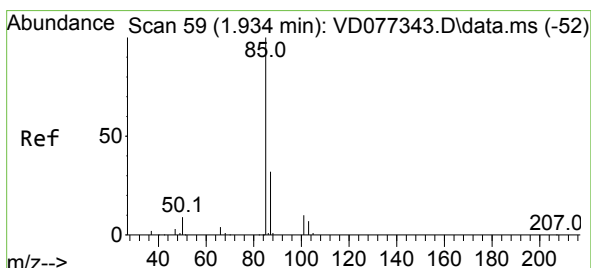
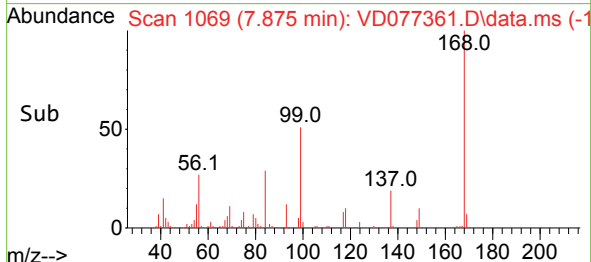
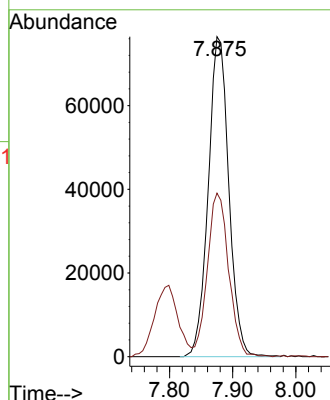
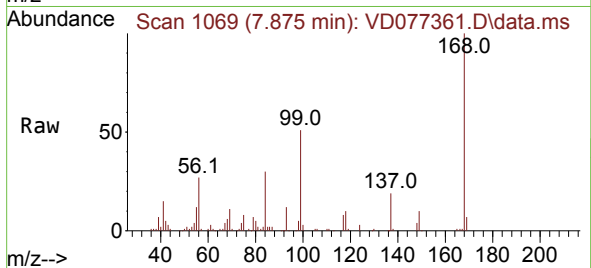
ClientSampleId :

Tgt Ion:168 Resp: 172858

Ion Ratio Lower Upper

168 100

99 50.9 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 22.329 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077361.D

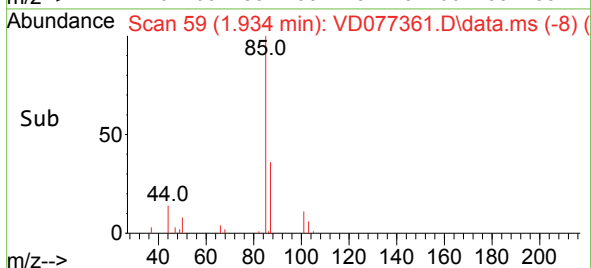
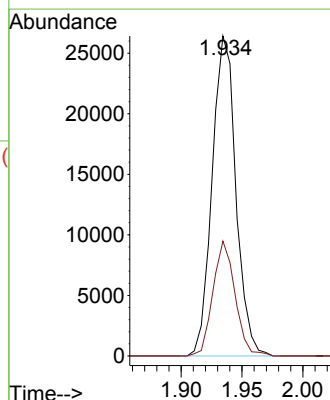
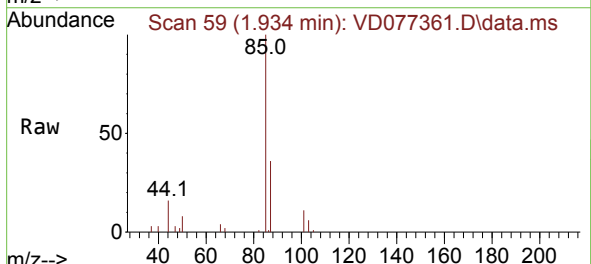
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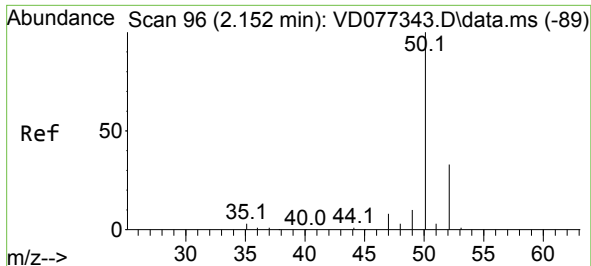
Tgt Ion: 85 Resp: 35884

Ion Ratio Lower Upper

85 100

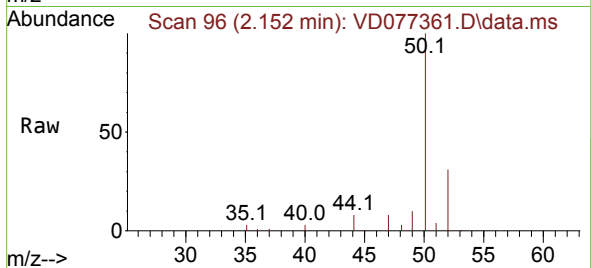
87 35.9 15.7 47.0



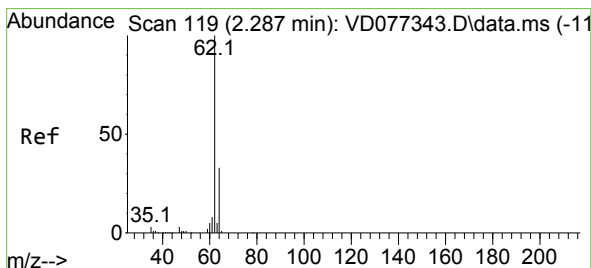
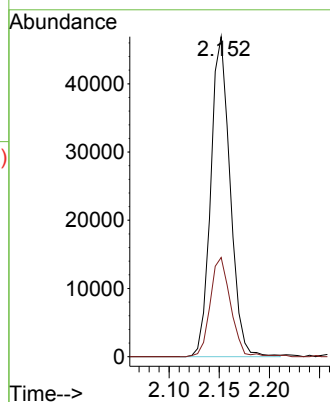
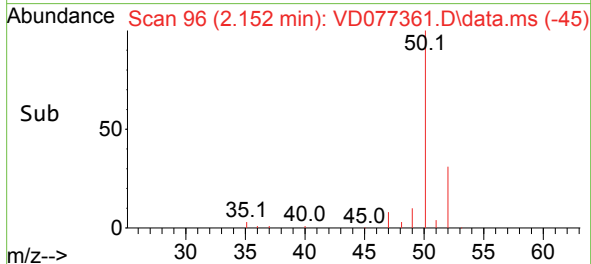


#3
Chloromethane
Concen: 19.287 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Instrument :
MSVOA_D
ClientSampleId :

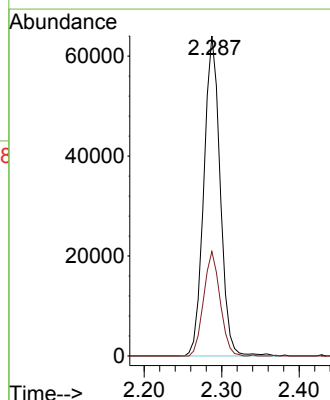
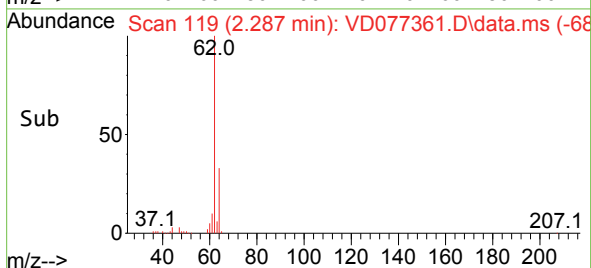
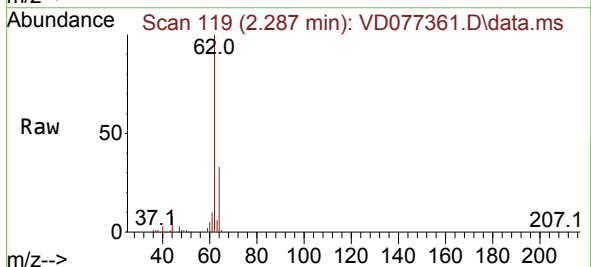


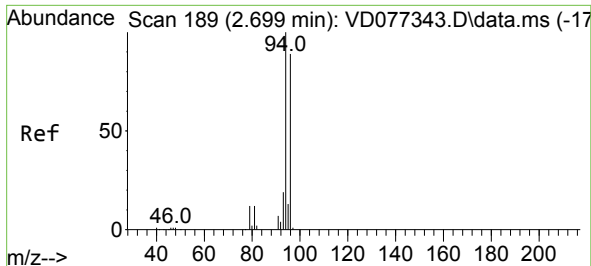
Tgt Ion: 50 Resp: 63118
Ion Ratio Lower Upper
50 100
52 31.0 26.6 40.0



#4
Vinyl Chloride
Concen: 24.239 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion: 62 Resp: 93699
Ion Ratio Lower Upper
62 100
64 32.7 26.0 39.0

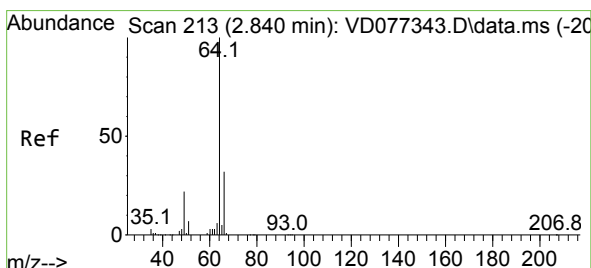
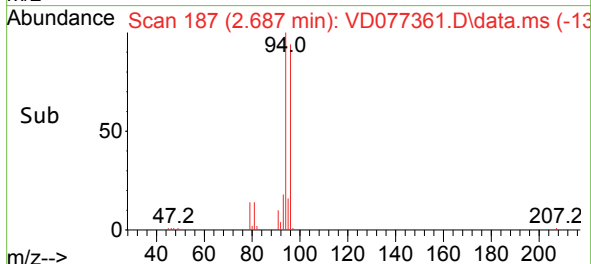
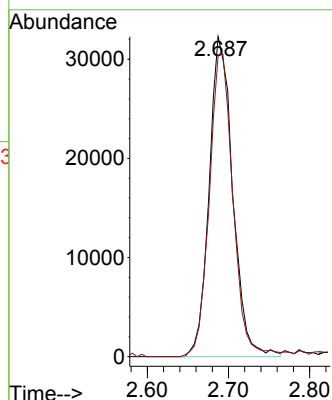
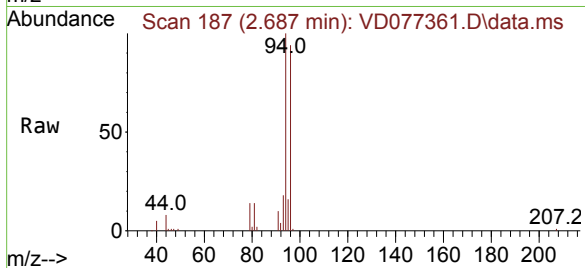




#5
Bromomethane
Concen: 26.187 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD077361.D
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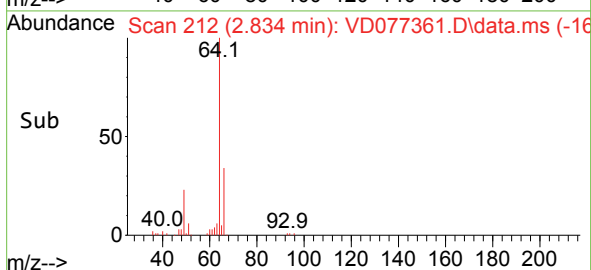
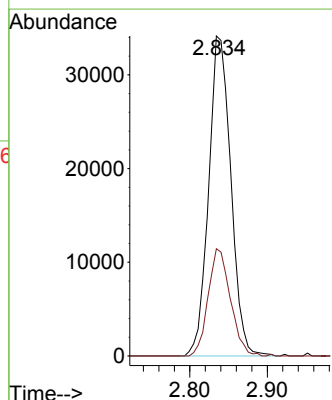
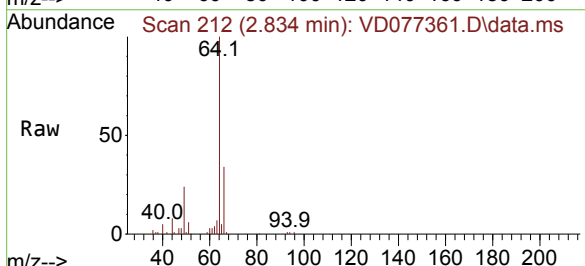
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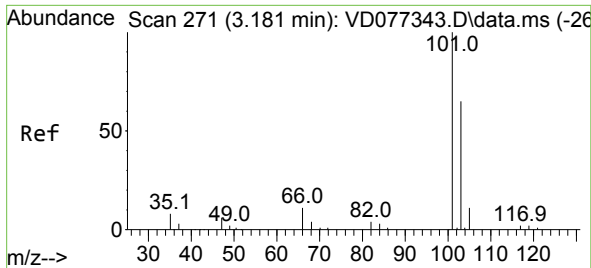
Tgt Ion: 94 Resp: 65052
Ion Ratio Lower Upper
94 100
96 95.9 75.8 113.8



#6
Chloroethane
Concen: 25.028 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion: 64 Resp: 68014
Ion Ratio Lower Upper
64 100
66 33.5 25.5 38.3

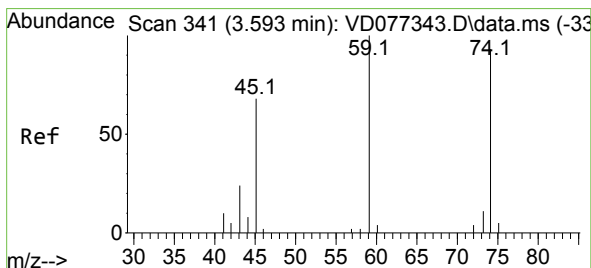
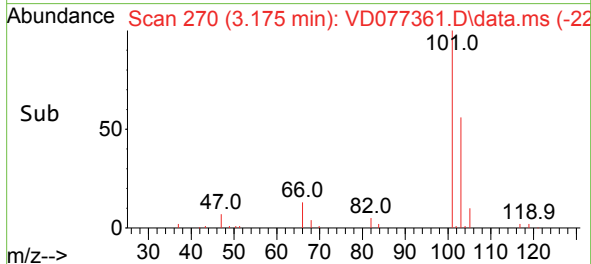
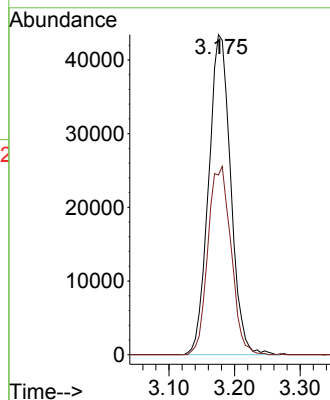
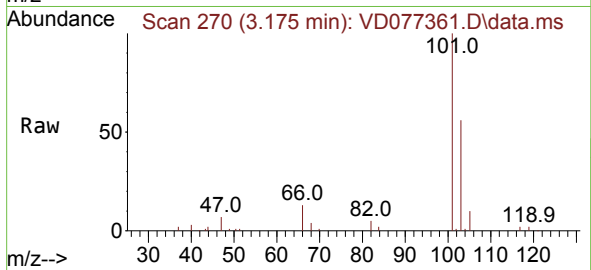




#7
 Trichlorofluoromethane
 Concen: 25.933 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD077361.D
 Acq: 20 Oct 2023 12:19

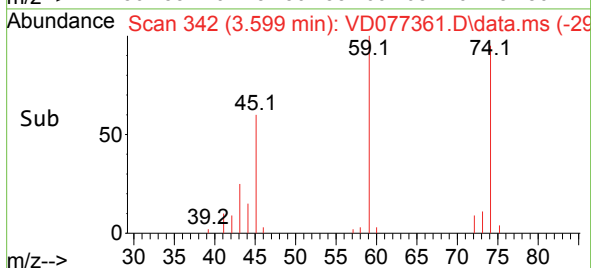
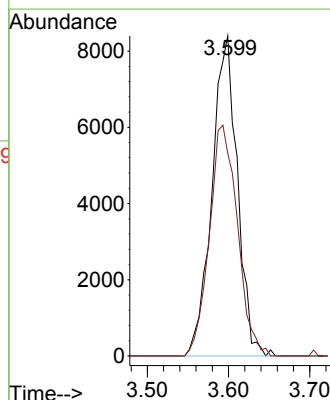
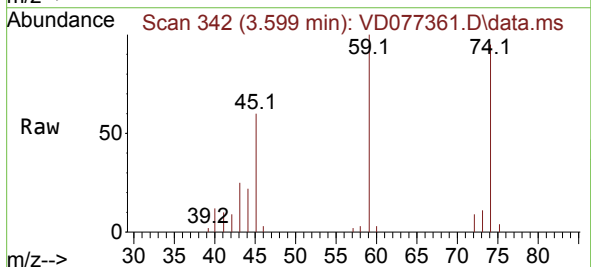
Instrument :
 MSVOA_D
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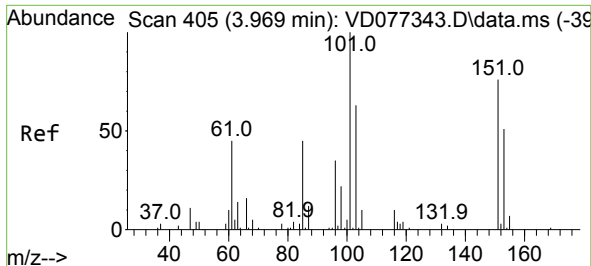
Tgt Ion:101 Resp: 101694
 Ion Ratio Lower Upper
 101 100
 103 56.1 52.3 78.5



#8
 Diethyl Ether
 Concen: 17.335 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD077361.D
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Tgt Ion: 74 Resp: 18220
 Ion Ratio Lower Upper
 74 100
 45 79.8 37.5 112.7

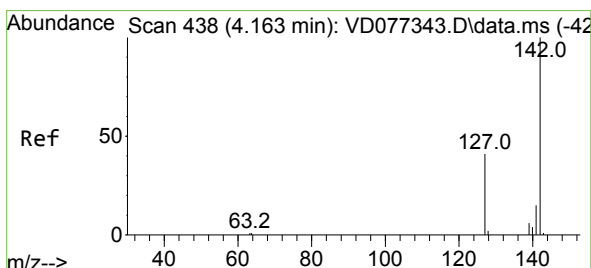
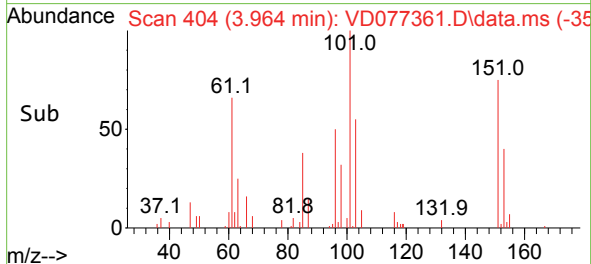
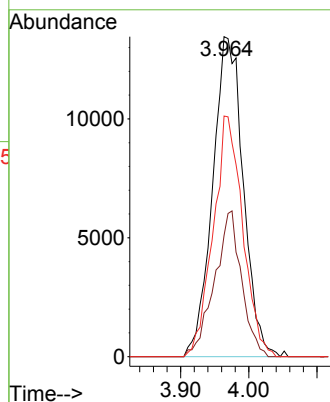
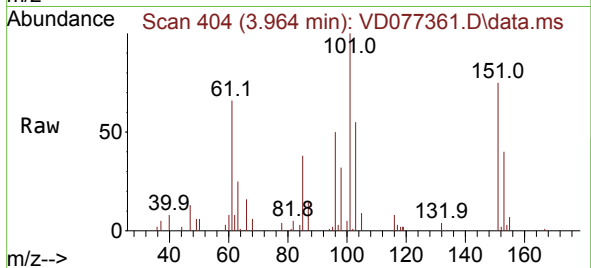




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.706 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

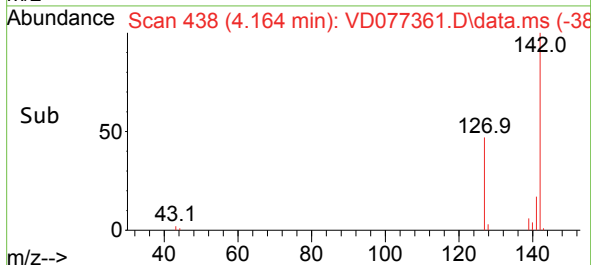
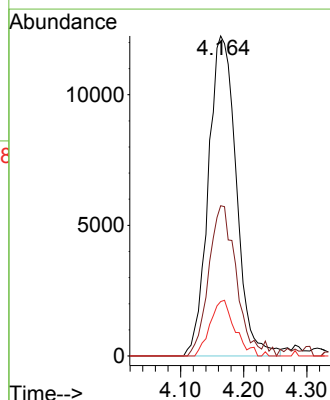
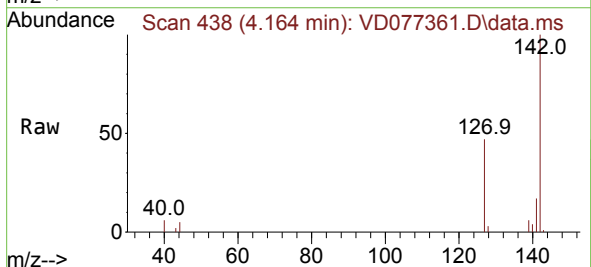
Instrument :
MSVOA_D
ClientSampleId :

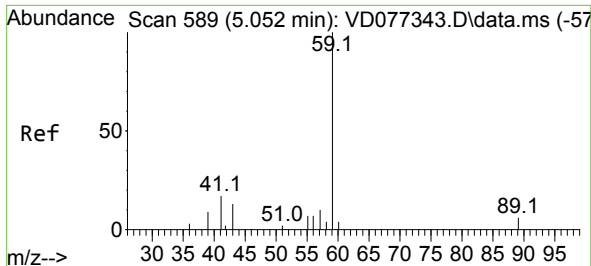
Tgt Ion:101 Resp: 42008
Ion Ratio Lower Upper
101 100
85 40.3 33.8 50.6
151 72.5 59.8 89.6



#10
Methyl Iodide
Concen: 15.164 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.001 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion:142 Resp: 37643
Ion Ratio Lower Upper
142 100
127 45.7 29.4 44.0#
141 15.4 11.1 16.7

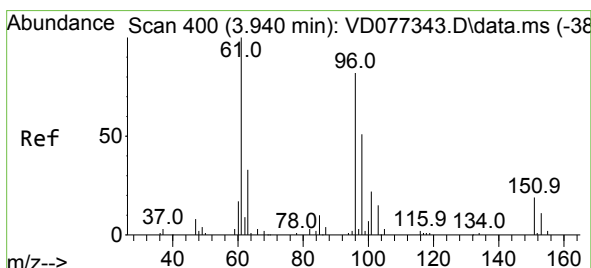
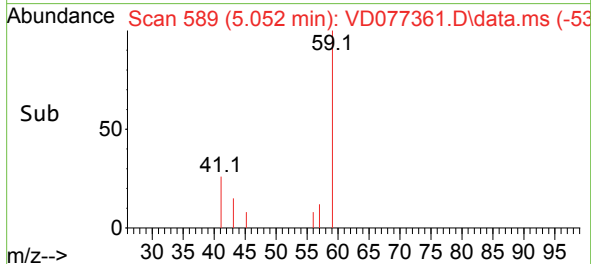
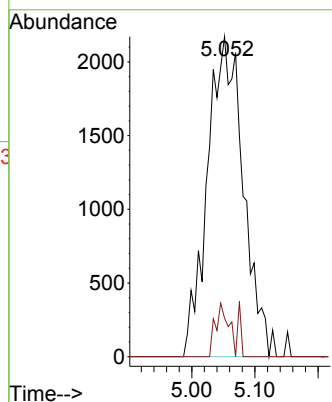
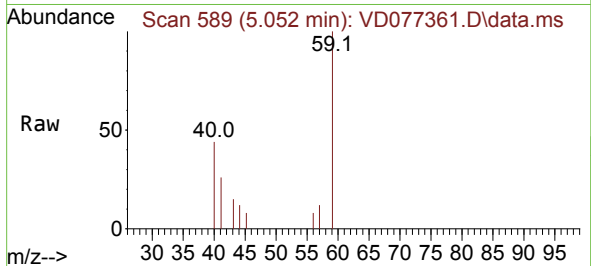




#11
Tert butyl alcohol
Concen: 98.643 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

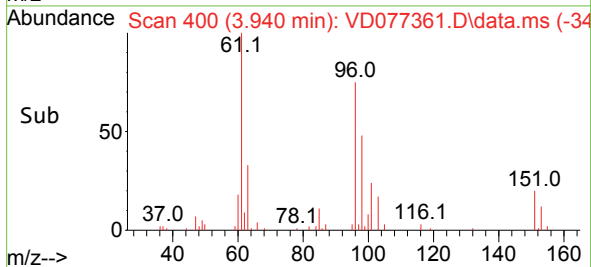
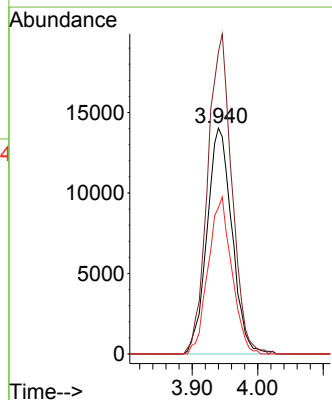
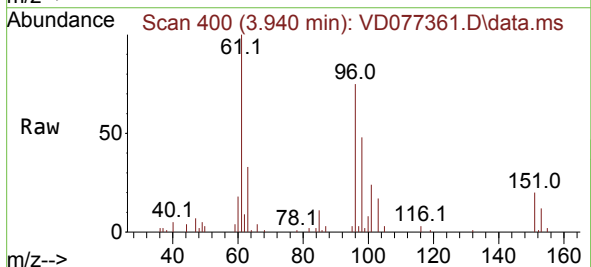
Instrument :
MSVOA_D
ClientSampleId :

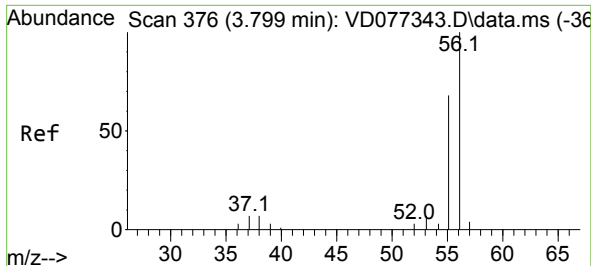
Tgt Ion: 59 Resp: 8565
Ion Ratio Lower Upper
59 100
57 6.2 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 18.663 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion: 96 Resp: 37145
Ion Ratio Lower Upper
96 100
61 133.6 100.6 150.8
98 64.8 50.2 75.2





#13

Acrolein

Concen: 98.099 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

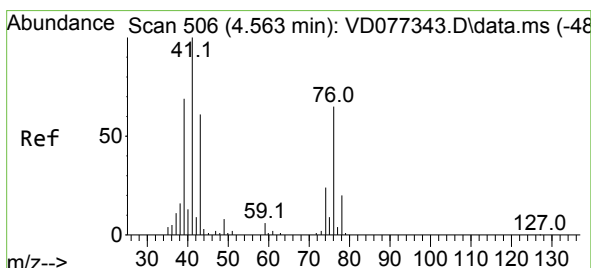
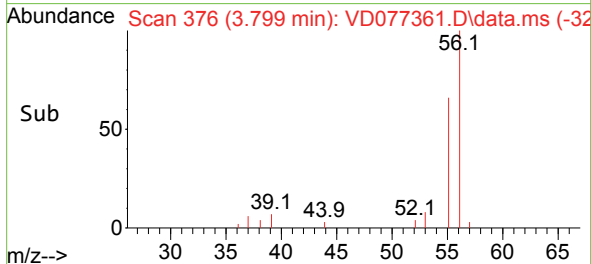
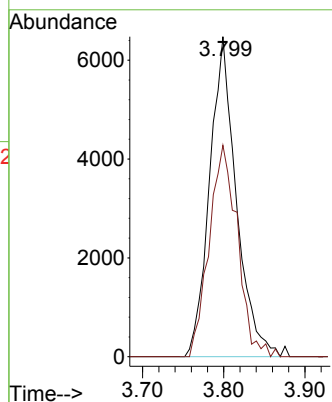
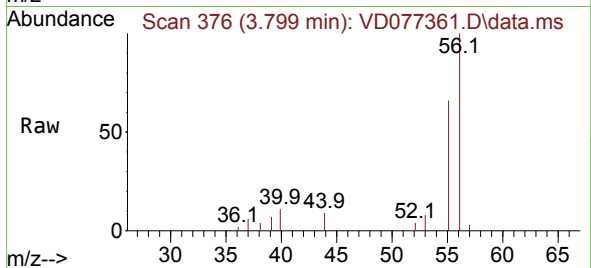
ClientSampleId :

Tgt Ion: 56 Resp: 14786

Ion Ratio Lower Upper

56 100

55 70.3 55.1 82.7



#14

Allyl chloride

Concen: 21.358 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.001 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

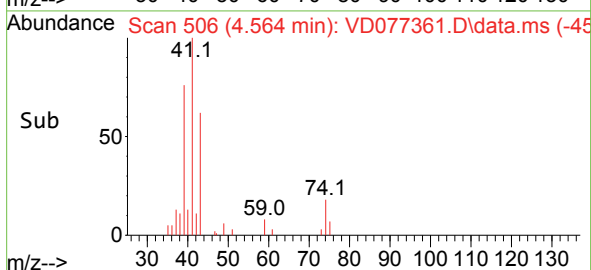
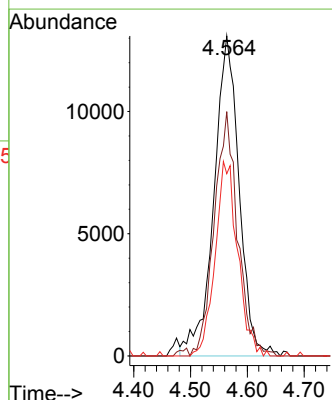
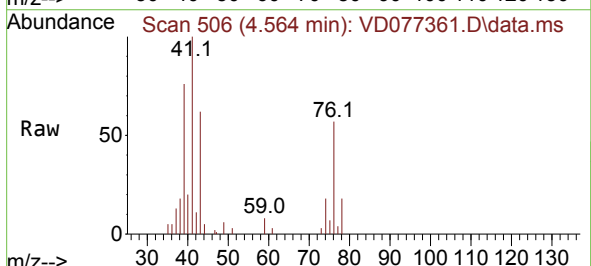
Tgt Ion: 41 Resp: 40333

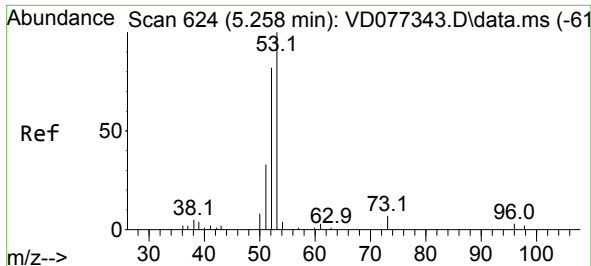
Ion Ratio Lower Upper

41 100

39 70.9 53.8 80.6

76 54.6 45.8 68.8

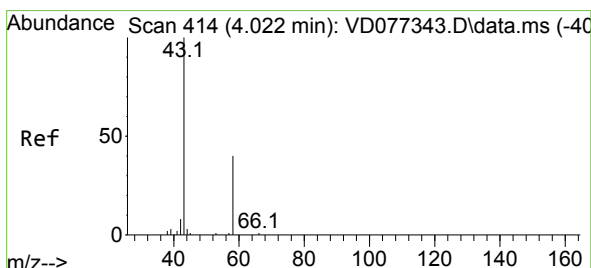
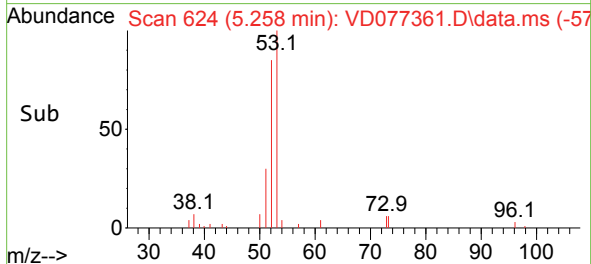
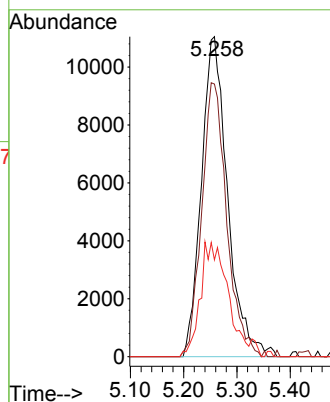
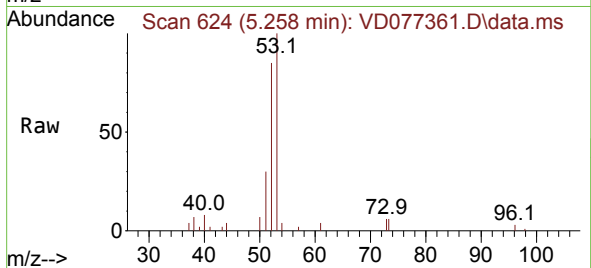




#15
Acrylonitrile
Concen: 118.732 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

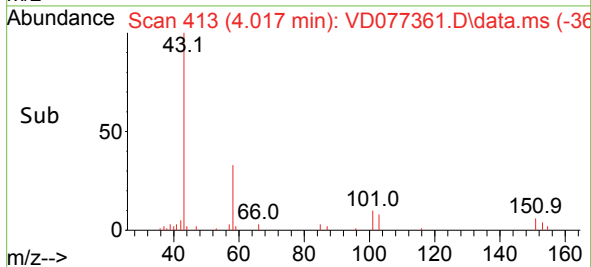
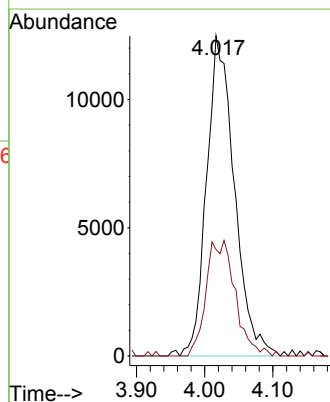
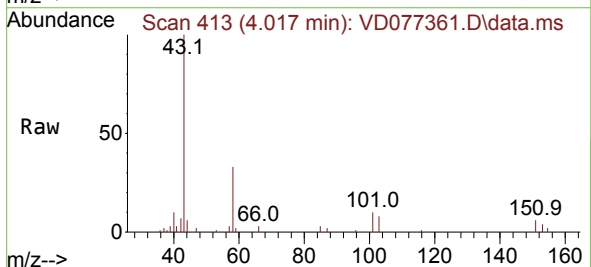
Instrument :
MSVOA_D
ClientSampleId :

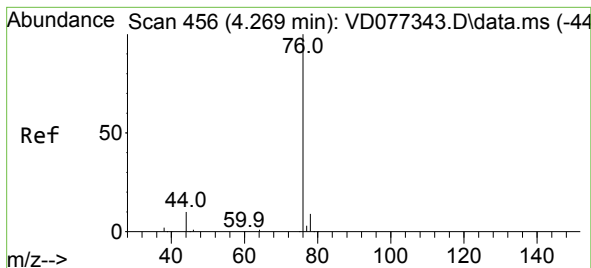
Tgt Ion:	53	Resp:	37817
Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.0	97.4
51	37.1	28.3	42.5



#16
Acetone
Concen: 104.448 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion:	43	Resp:	35353
Ion	Ratio	Lower	Upper
43	100		
58	33.3	34.7	52.1#





#17

Carbon Disulfide

Concen: 20.674 ug/l

RT: 4.269 min Scan# 4

Delta R.T. 0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

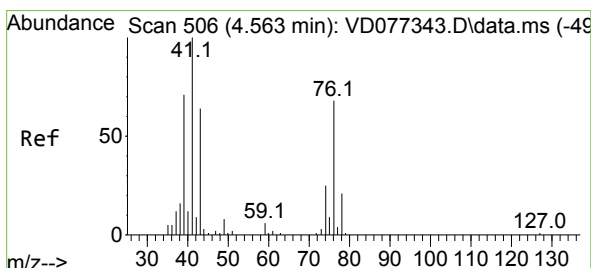
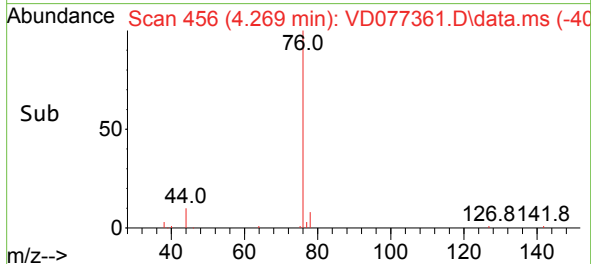
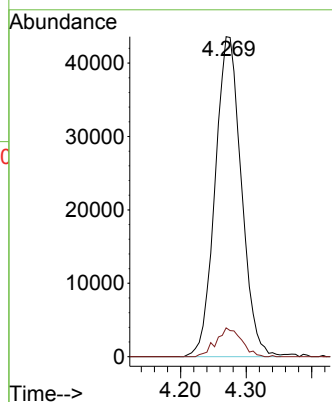
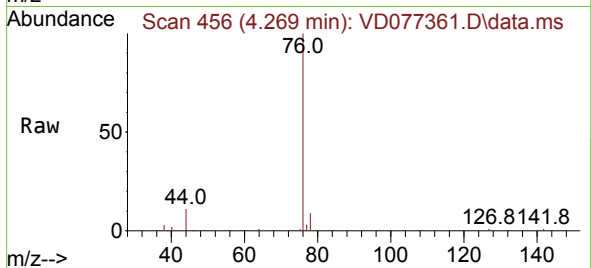
ClientSampleId :

Tgt Ion: 76 Resp: 120956

Ion Ratio Lower Upper

76 100

78 9.0 6.8 10.2



#18

Methyl Acetate

Concen: 22.280 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.005 min

Lab File: VD077361.D

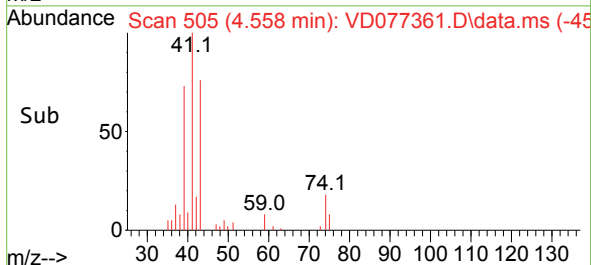
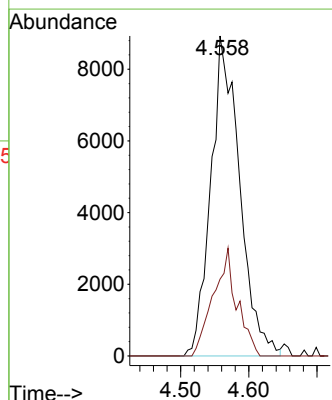
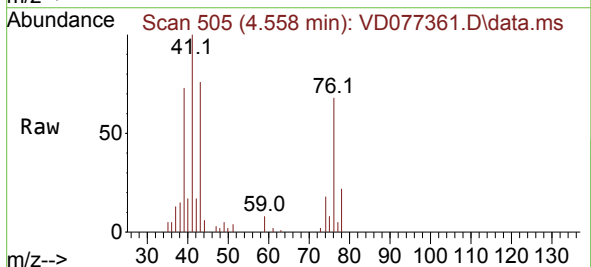
Acq: 20 Oct 2023 12:19

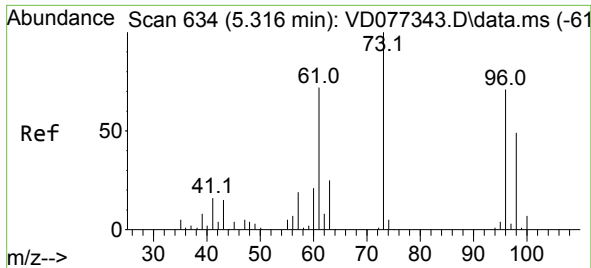
Tgt Ion: 43 Resp: 26246

Ion Ratio Lower Upper

43 100

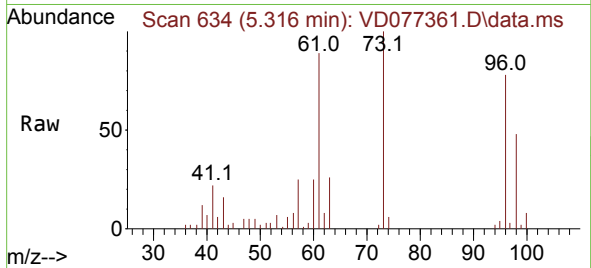
74 27.7 26.4 39.6



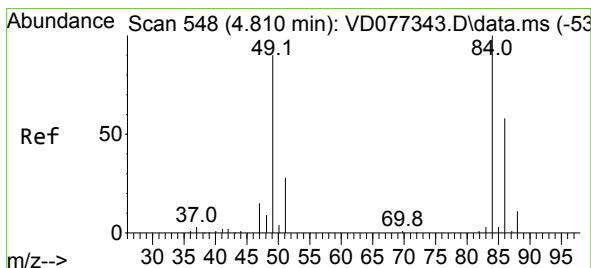
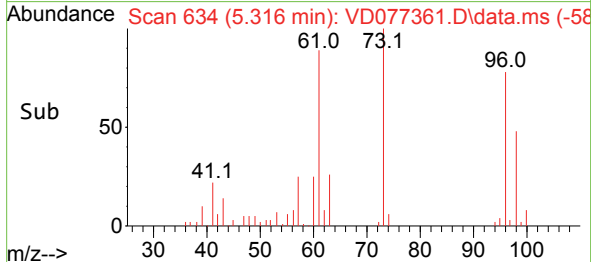
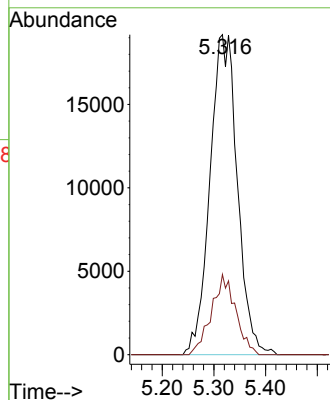


#19
Methyl tert-butyl Ether
Concen: 20.857 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Instrument :
MSVOA_D
ClientSampleId :

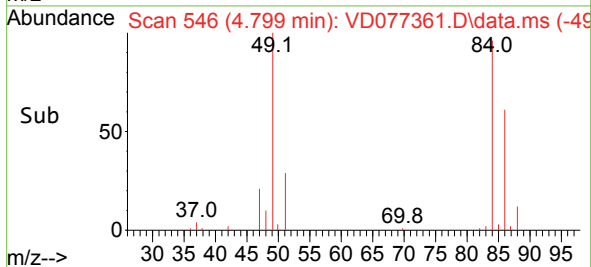
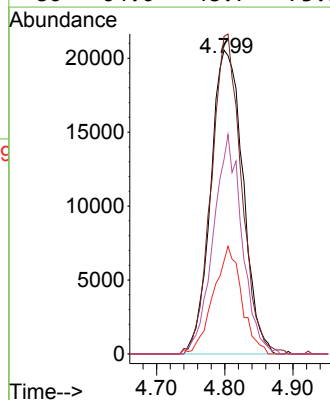
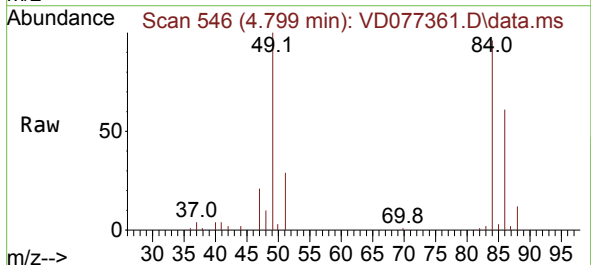


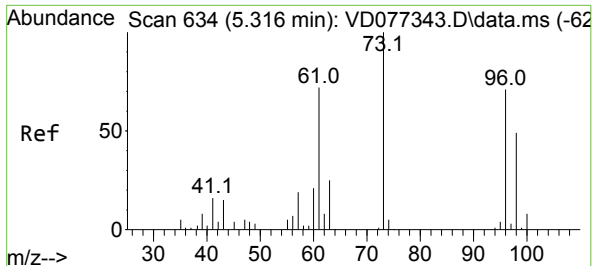
Tgt Ion: 73 Resp: 70703
Ion Ratio Lower Upper
73 100
57 25.1 16.6 25.0#



#20
Methylene Chloride
Concen: 31.117 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.011 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

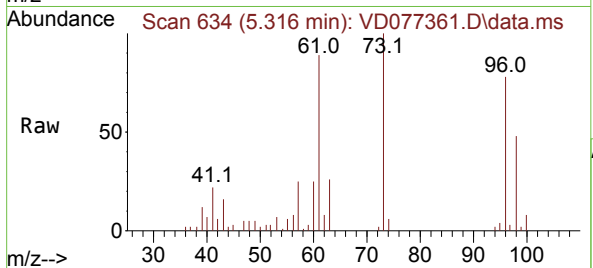
Tgt Ion: 84 Resp: 67437
Ion Ratio Lower Upper
84 100
49 104.5 71.4 107.2
51 30.6 24.5 36.7
86 64.0 48.7 73.1



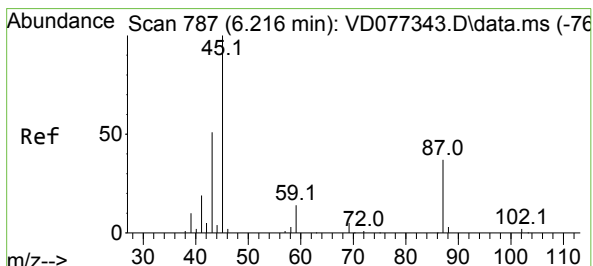
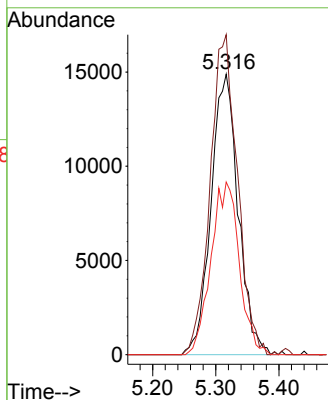
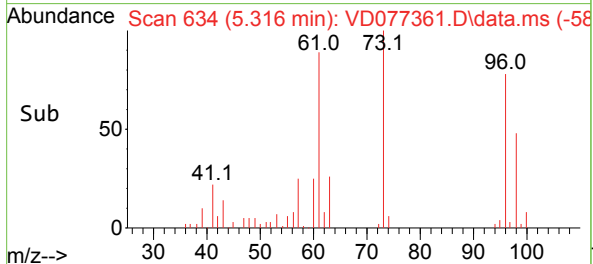


#21
trans-1,2-Dichloroethene
Concen: 21.479 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

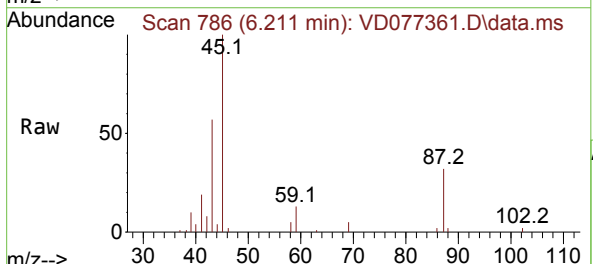
Instrument :
MSVOA_D
ClientSampleId :



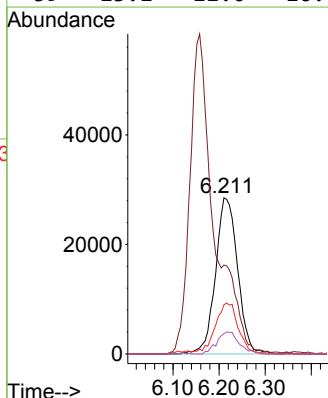
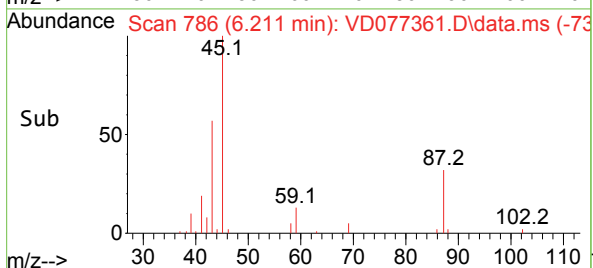
Tgt Ion: 96 Resp: 44463
Ion Ratio Lower Upper
96 100
61 114.1 89.3 133.9
98 61.6 48.6 73.0

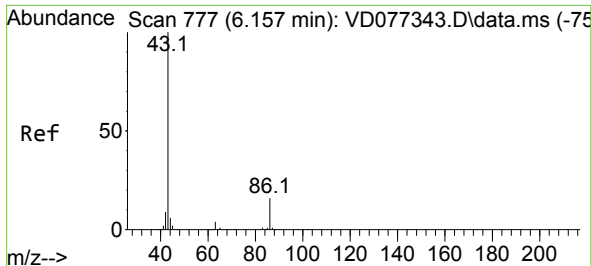


#22
Diisopropyl ether
Concen: 25.623 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.005 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19



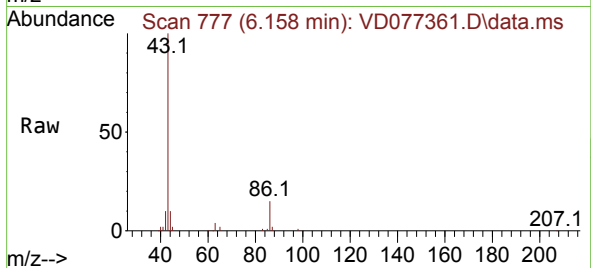
Tgt Ion: 45 Resp: 94985
Ion Ratio Lower Upper
45 100
43 55.9 40.0 60.0
87 31.5 28.2 42.4
59 13.1 11.0 16.4



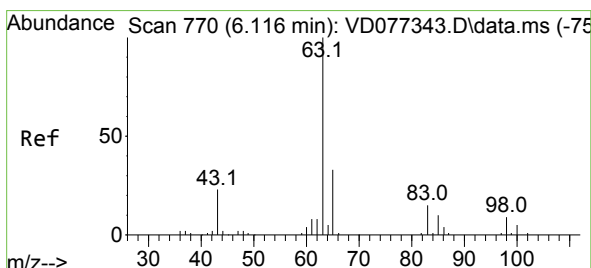
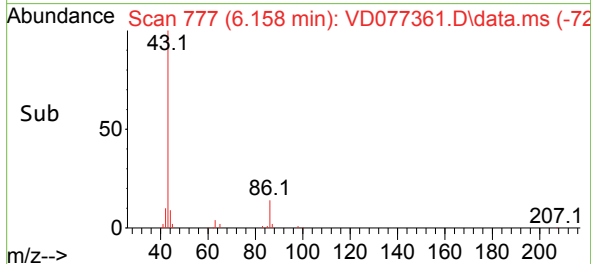
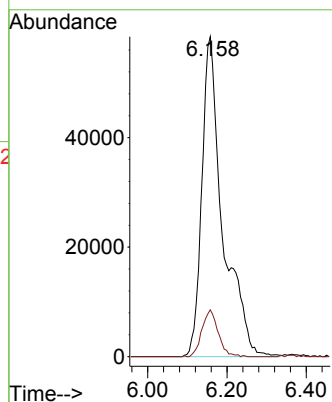


#23
 Vinyl Acetate
 Concen: 123.179 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD077361.D
 Acq: 20 Oct 2023 12:19

Instrument :
 MSVOA_D
 ClientSampleId :

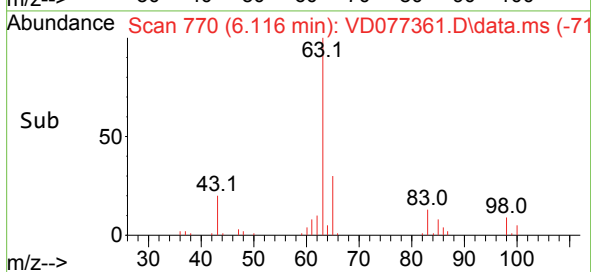
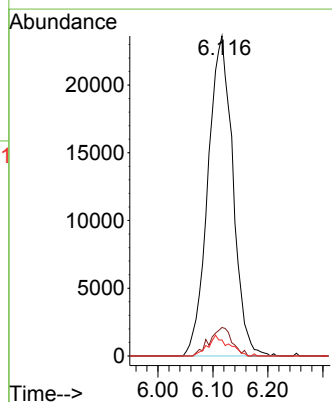
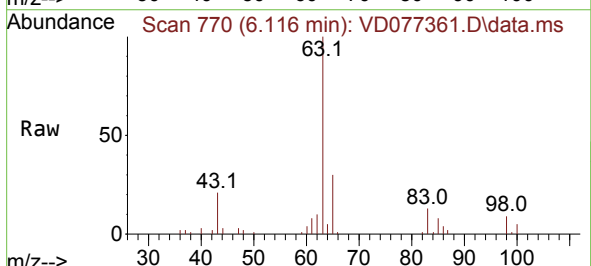


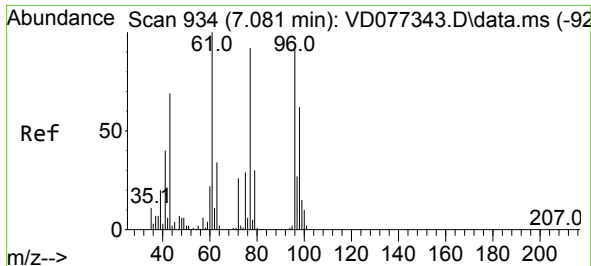
Tgt Ion: 43 Resp: 213990
 Ion Ratio Lower Upper
 43 100
 86 14.6 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 24.102 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD077361.D
 Acq: 20 Oct 2023 12:19

Tgt Ion: 63 Resp: 74286
 Ion Ratio Lower Upper
 63 100
 98 8.9 4.5 13.7
 100 5.0 2.5 7.5





#25

2-Butanone

Concen: 117.946 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

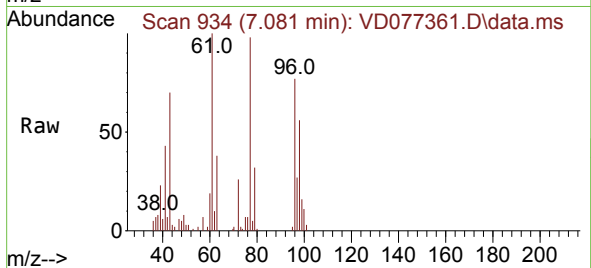
Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

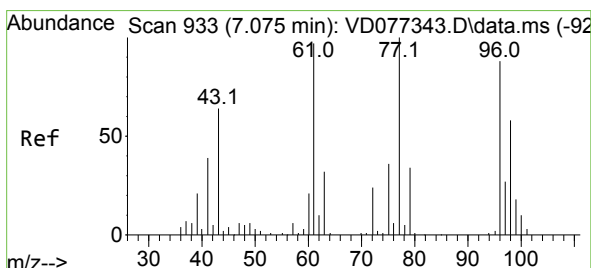
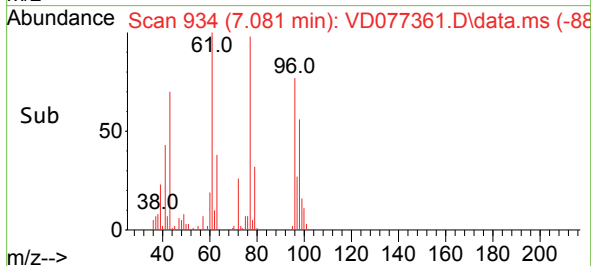
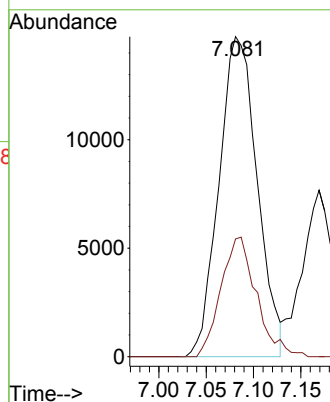


Tgt Ion: 43 Resp: 41412

Ion Ratio Lower Upper

43 100

72 36.8 30.7 46.1



#26

2,2-Dichloropropane

Concen: 22.401 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD077361.D

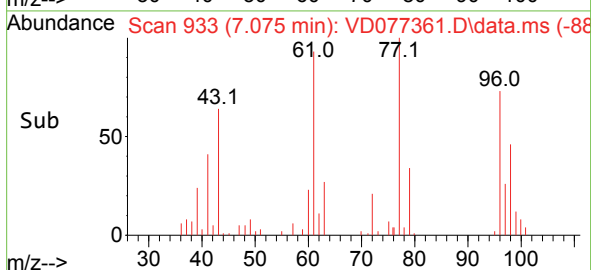
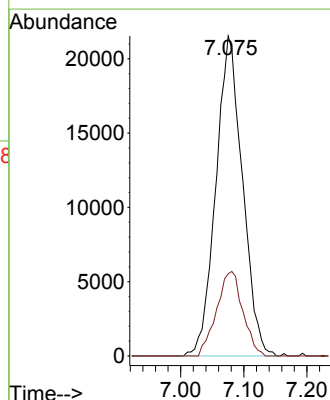
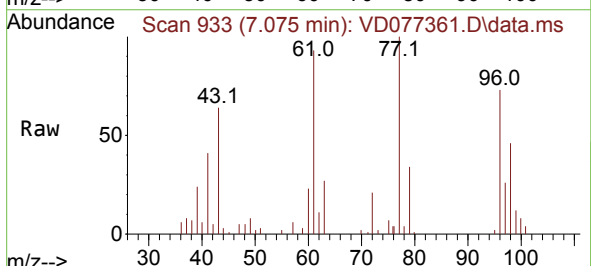
Acq: 20 Oct 2023 12:19

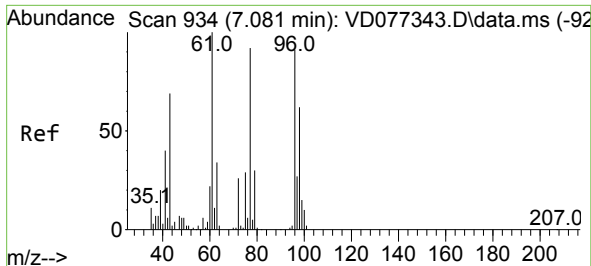
Tgt Ion: 77 Resp: 62954

Ion Ratio Lower Upper

77 100

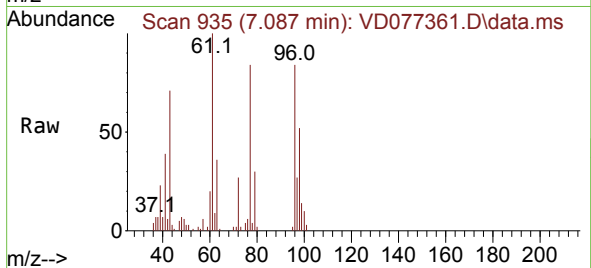
97 26.0 13.2 39.6



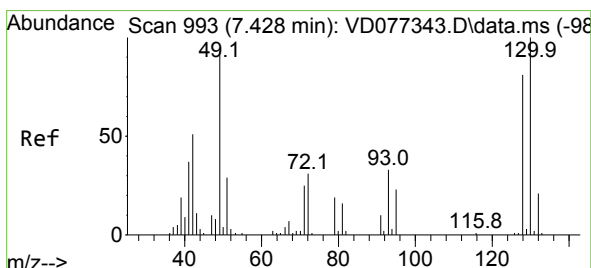
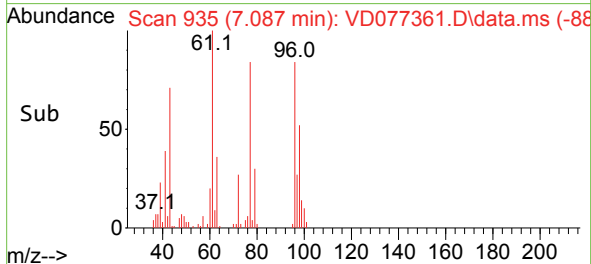
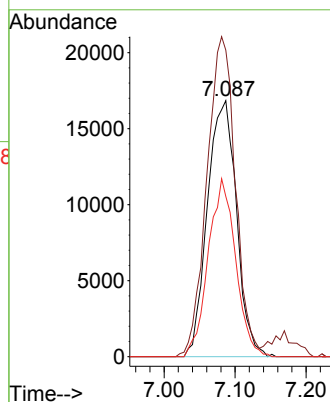


#27
 cis-1,2-Dichloroethene
 Concen: 20.647 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD077361.D
 Acq: 20 Oct 2023 12:19

Instrument :
 MSVOA_D
 ClientSampleId :

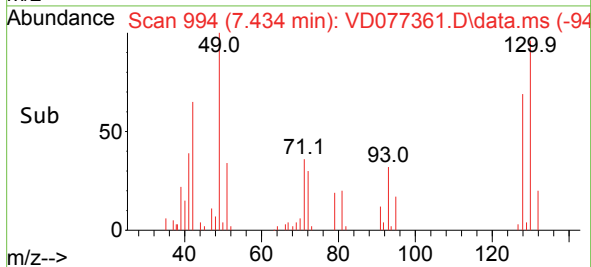
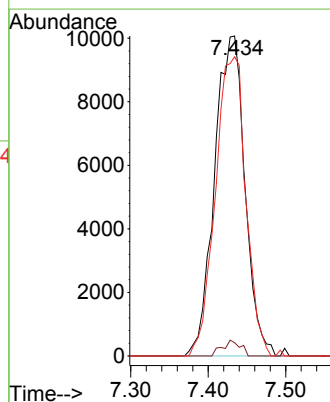
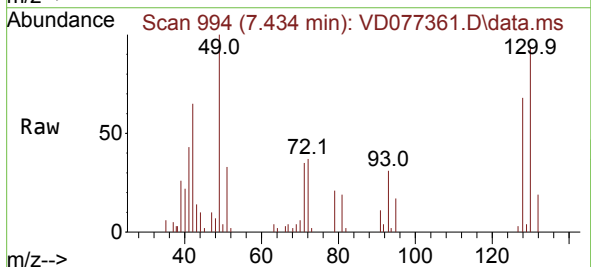


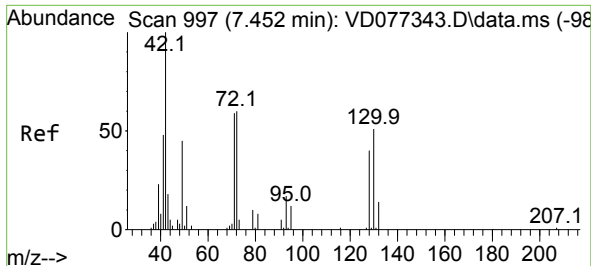
Tgt Ion: 96 Resp: 47924
 Ion Ratio Lower Upper
 96 100
 61 122.1 0.0 239.2
 98 65.4 0.0 128.6



#28
 Bromochloromethane
 Concen: 24.400 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VD077361.D
 Acq: 20 Oct 2023 12:19

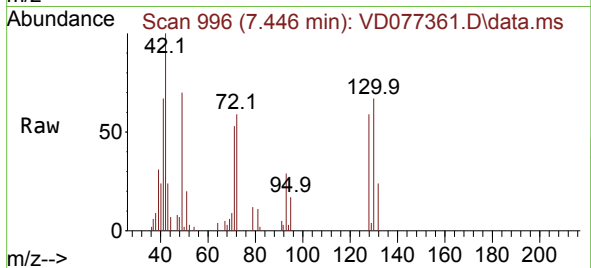
Tgt Ion: 49 Resp: 27471
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 6.0
 130 93.6 83.2 124.8



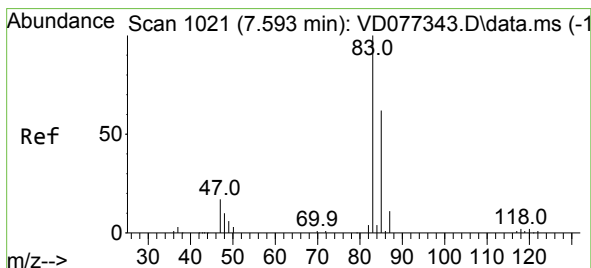
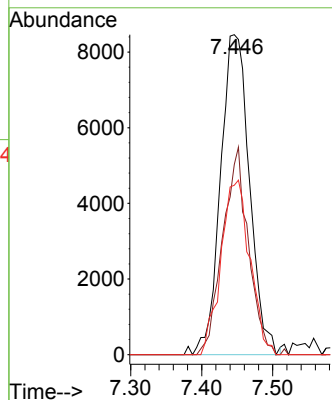
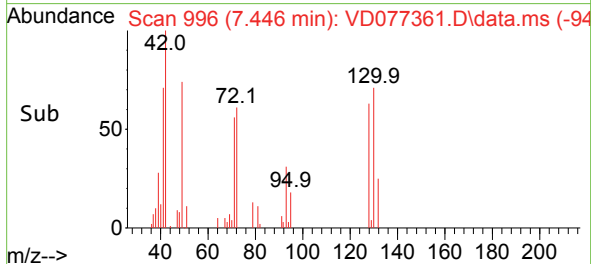


#29
Tetrahydrofuran
Concen: 118.654 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Instrument :
MSVOA_D
ClientSampleId :

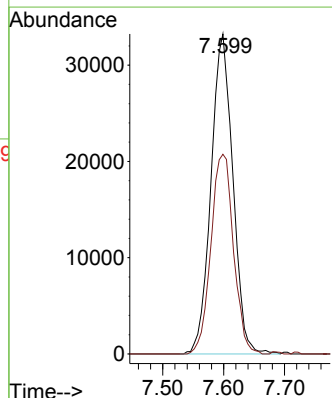
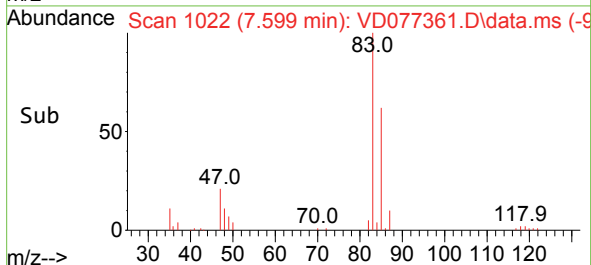
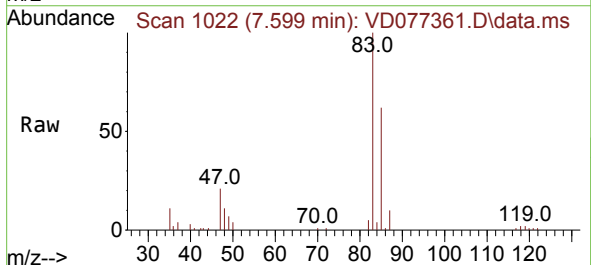


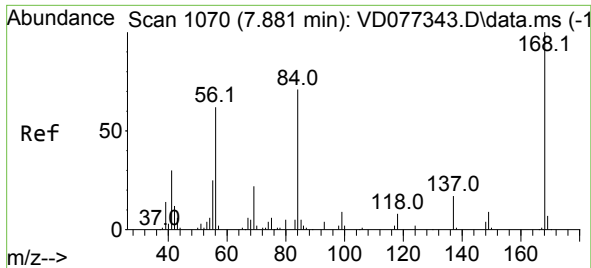
Tgt Ion: 42 Resp: 24032
Ion Ratio Lower Upper
42 100
72 57.2 46.5 69.7
71 54.3 44.5 66.7



#30
Chloroform
Concen: 23.446 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

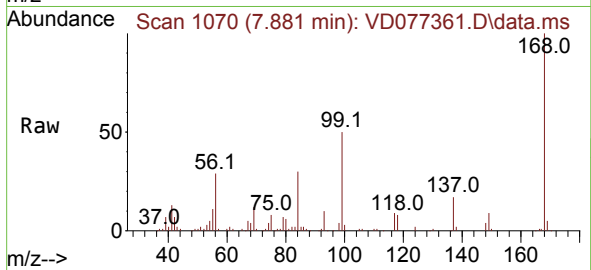
Tgt Ion: 83 Resp: 82911
Ion Ratio Lower Upper
83 100
85 62.4 53.4 80.2



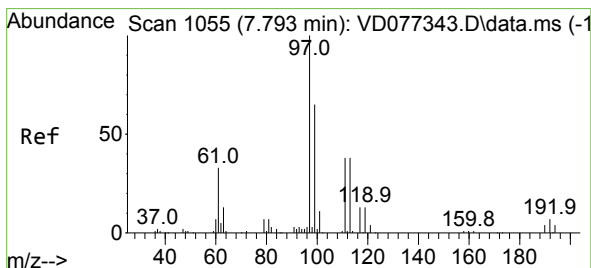
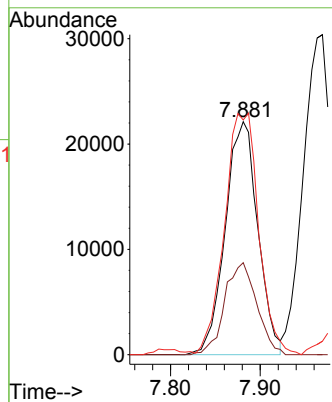
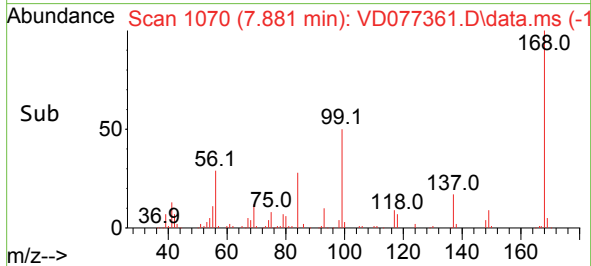


#31
Cyclohexane
Concen: 23.205 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

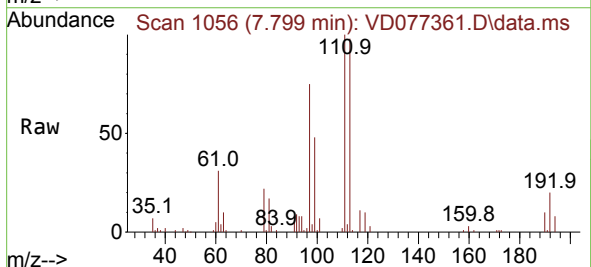
Instrument :
MSVOA_D
ClientSampleId :



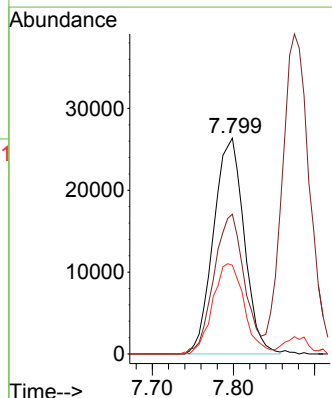
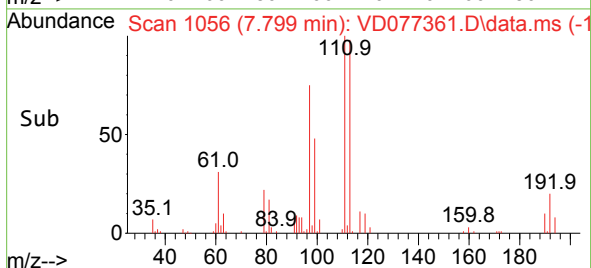
Tgt Ion: 56 Resp: 55727
Ion Ratio Lower Upper
56 100
69 39.5 28.6 43.0
84 99.5 84.8 127.2

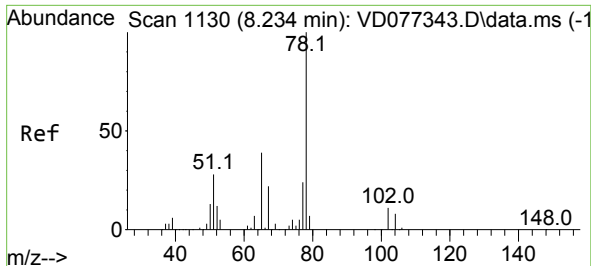


#32
1,1,1-Trichloroethane
Concen: 22.604 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19



Tgt Ion: 97 Resp: 68961
Ion Ratio Lower Upper
97 100
99 64.3 52.0 78.0
61 43.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 52.025 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

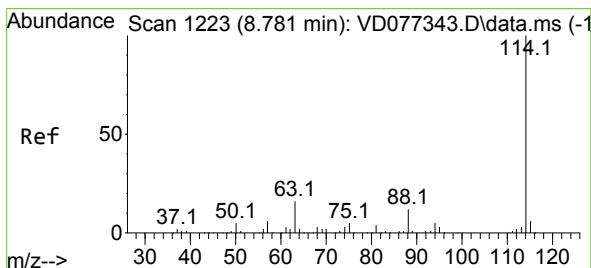
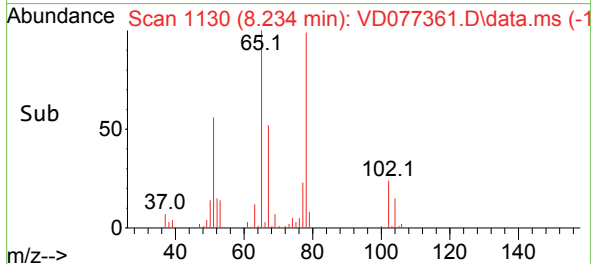
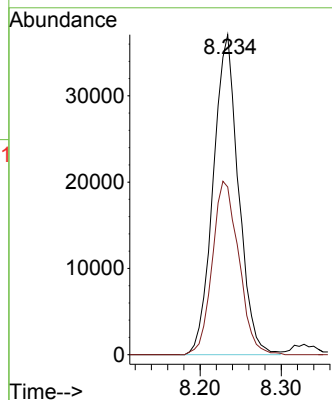
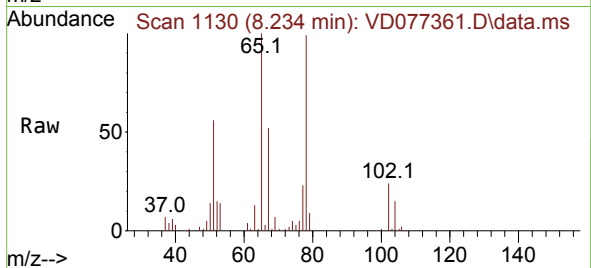
ClientSampleId :

Tgt Ion: 65 Resp: 80301

Ion Ratio Lower Upper

65 100

67 56.7 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

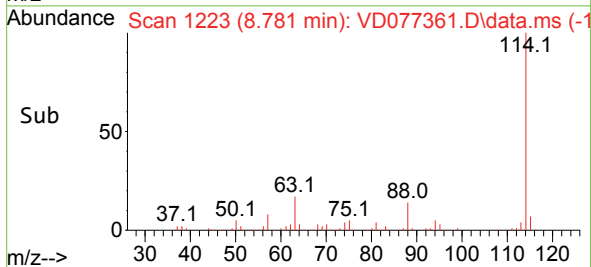
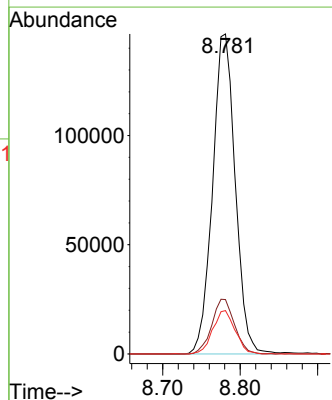
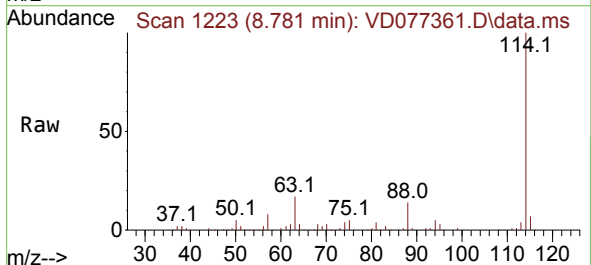
Tgt Ion: 114 Resp: 297624

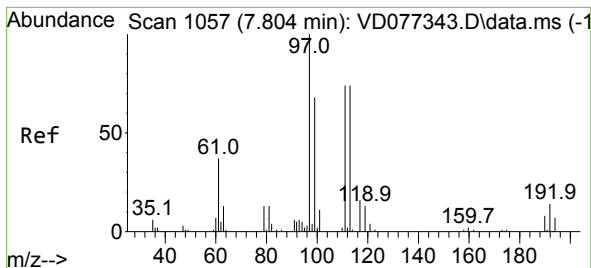
Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.4

88 13.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 46.566 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

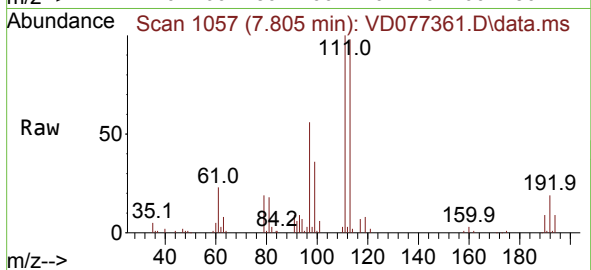
Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :



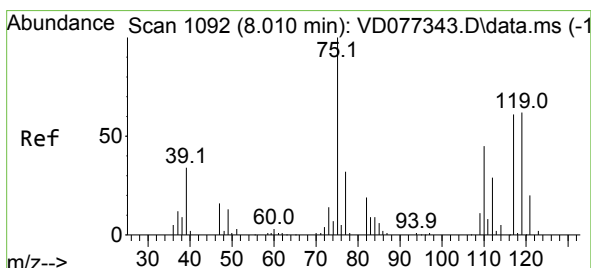
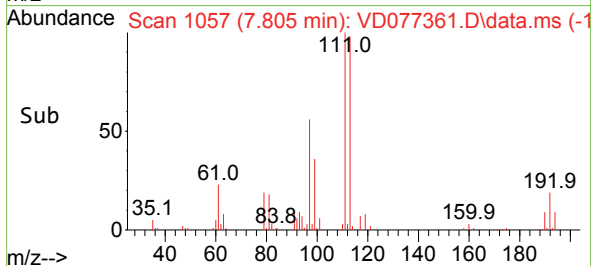
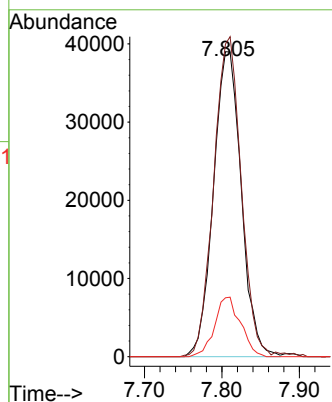
Tgt Ion:113 Resp: 97366

Ion Ratio Lower Upper

113 100

111 104.2 84.7 127.1

192 18.2 16.8 25.2



#36

1,1-Dichloropropene

Concen: 21.240 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

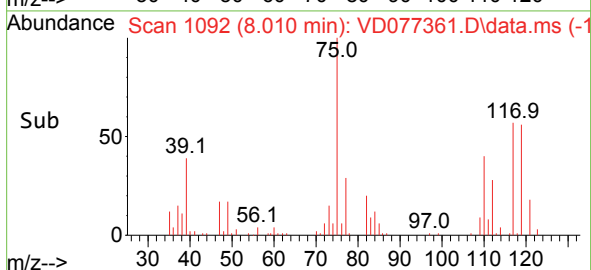
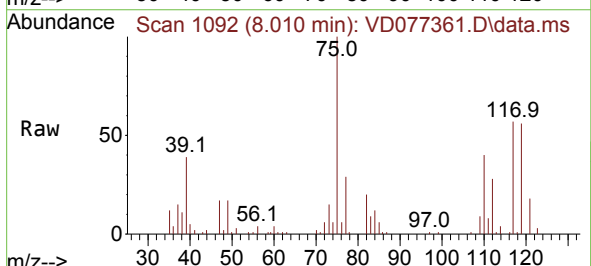
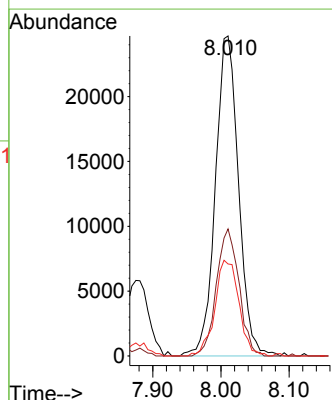
Tgt Ion: 75 Resp: 58355

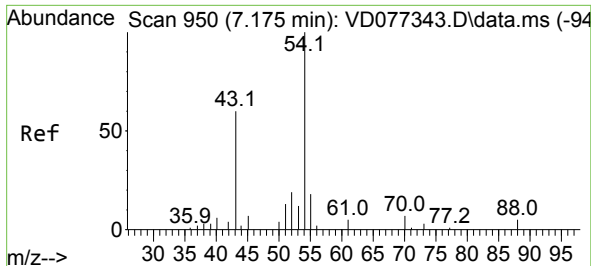
Ion Ratio Lower Upper

75 100

110 38.7 19.9 59.6

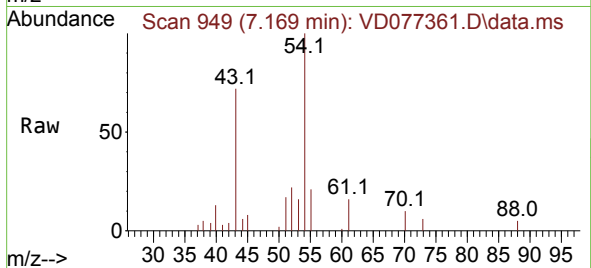
77 31.1 24.7 37.1



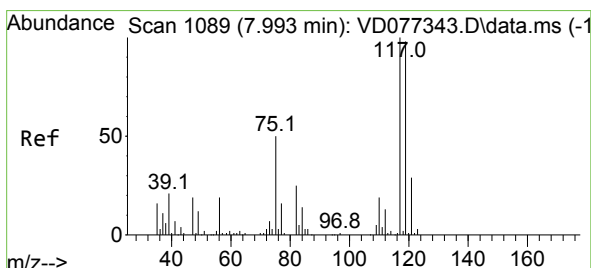
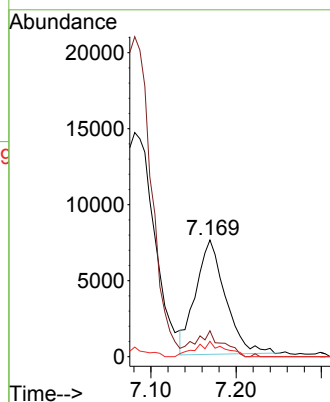
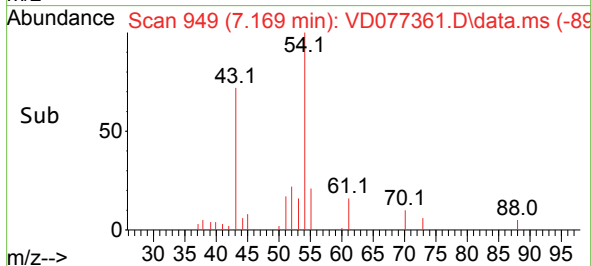


#37
Ethyl Acetate
Concen: 21.084 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Instrument :
MSVOA_D
ClientSampleId :

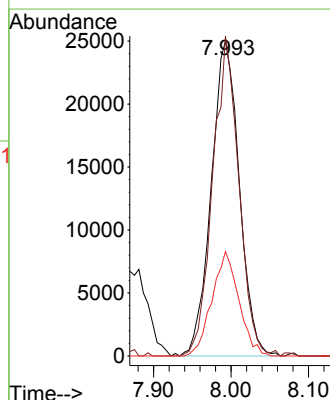
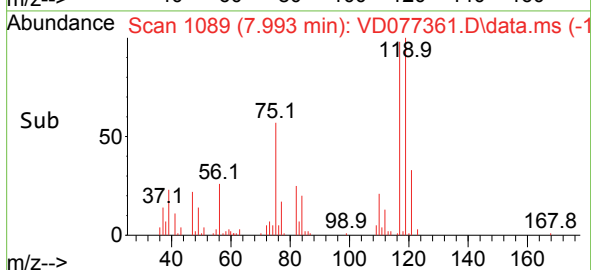
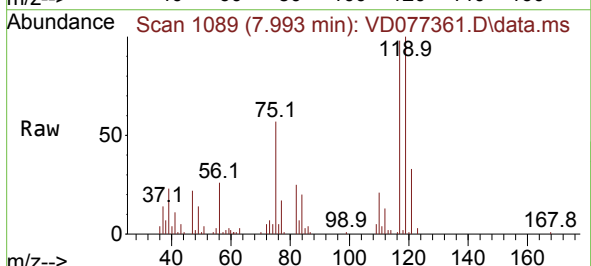


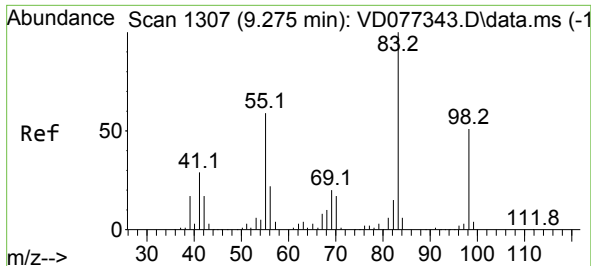
Tgt Ion: 43 Resp: 18196
Ion Ratio Lower Upper
43 100
61 19.7 14.9 22.3
70 12.7 10.0 15.0



#38
Carbon Tetrachloride
Concen: 20.591 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion: 117 Resp: 62935
Ion Ratio Lower Upper
117 100
119 101.6 78.0 117.0
121 33.2 24.2 36.2





#39

Methylcyclohexane

Concen: 19.099 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

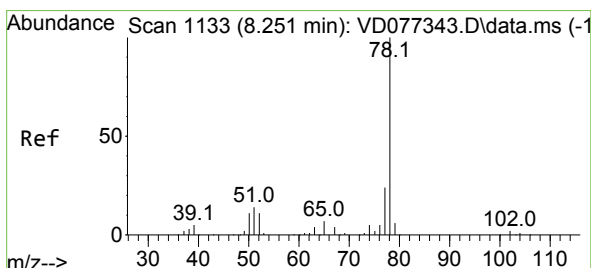
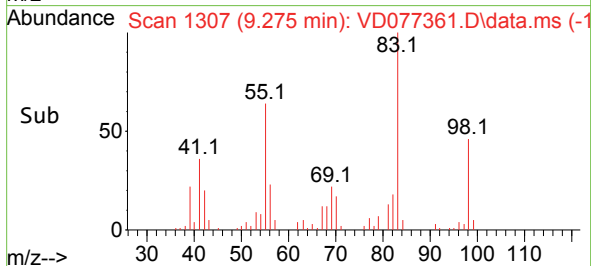
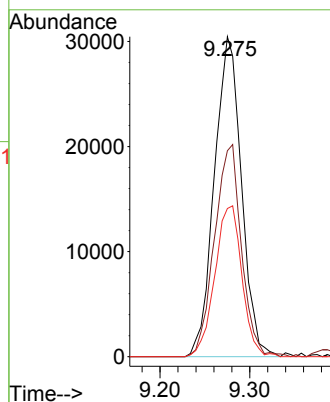
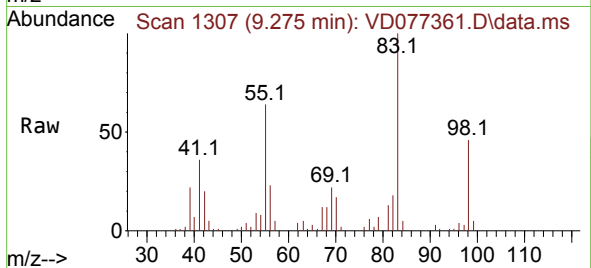
Tgt Ion: 83 Resp: 63759

Ion Ratio Lower Upper

83 100

55 64.3 49.4 74.0

98 46.3 38.4 57.6



#40

Benzene

Concen: 21.154 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD077361.D

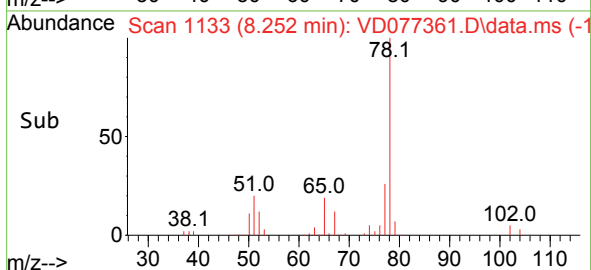
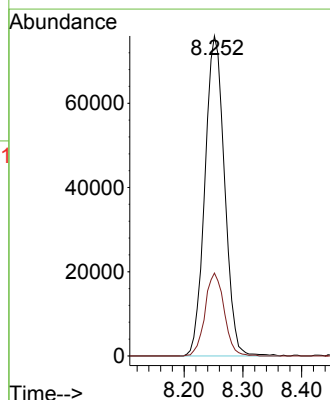
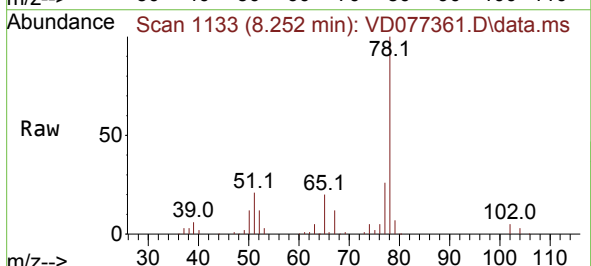
Acq: 20 Oct 2023 12:19

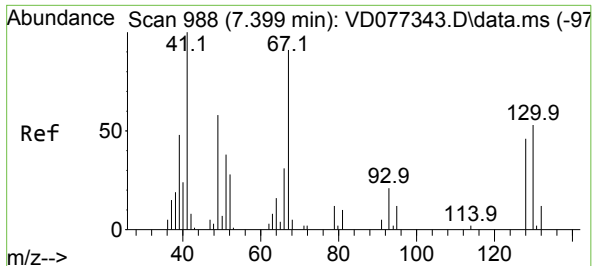
Tgt Ion: 78 Resp: 176378

Ion Ratio Lower Upper

78 100

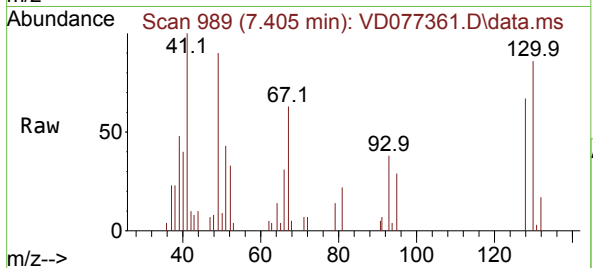
77 25.9 19.4 29.0





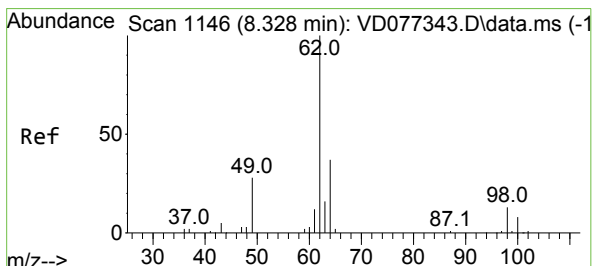
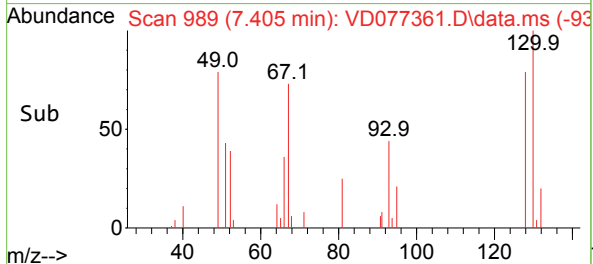
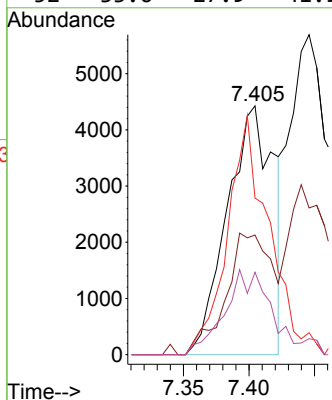
#41
Methacrylonitrile
Concen: 26.445 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 41 Resp: 10892

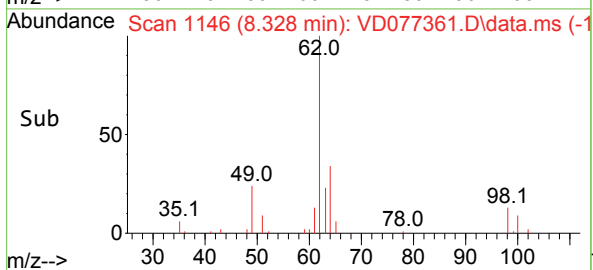
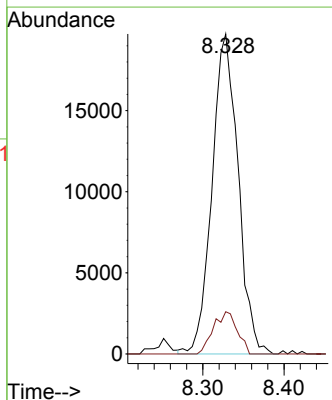
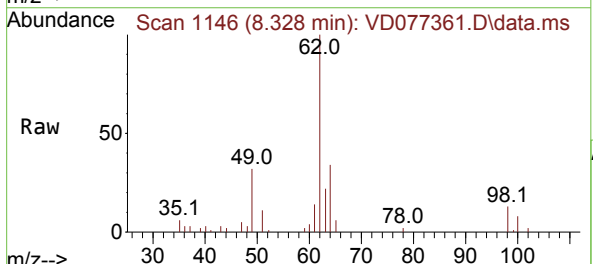
Ion	Ratio	Lower	Upper
41	100		
39	48.7	34.0	51.0
67	85.7	77.0	115.4
52	33.6	27.9	41.9

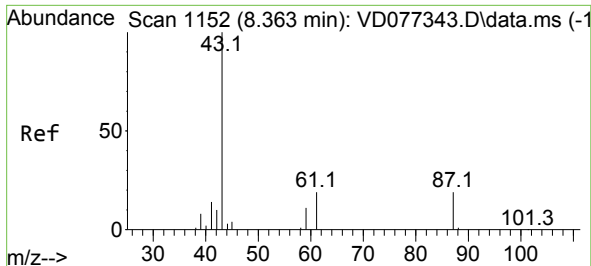


#42
1,2-Dichloroethane
Concen: 22.383 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion: 62 Resp: 43958

Ion	Ratio	Lower	Upper
62	100		
98	12.1	0.0	25.4

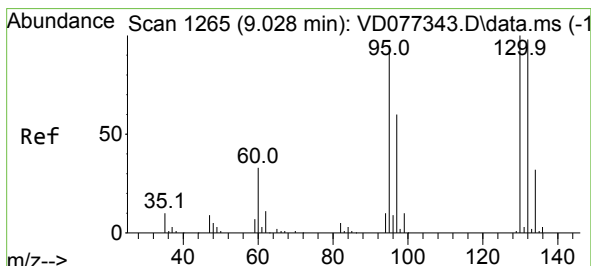
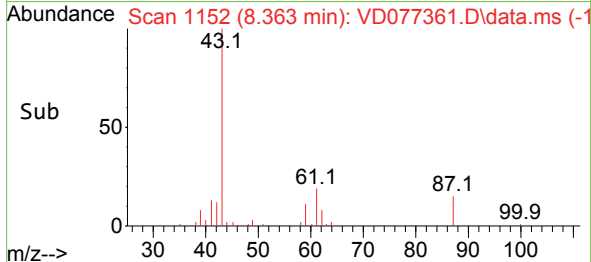
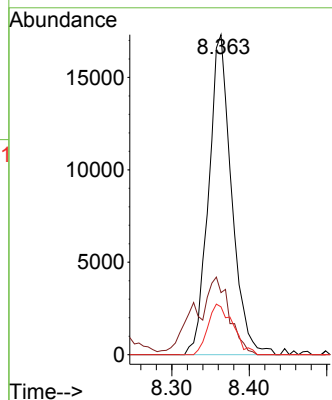
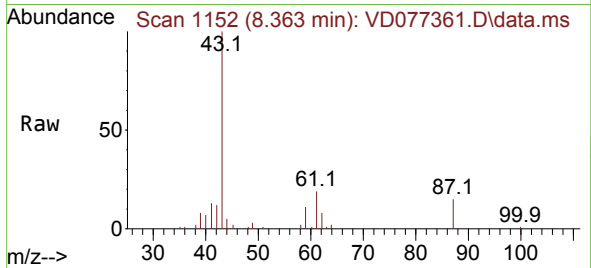




#43
Isopropyl Acetate
Concen: 22.926 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

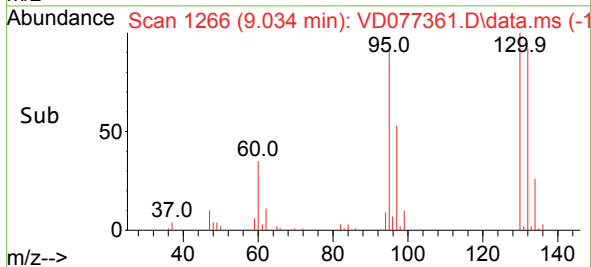
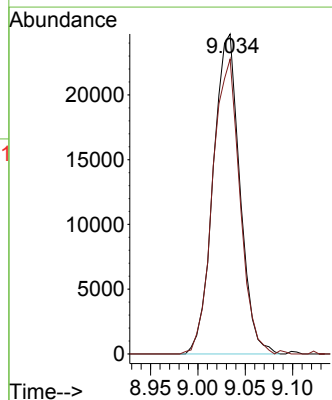
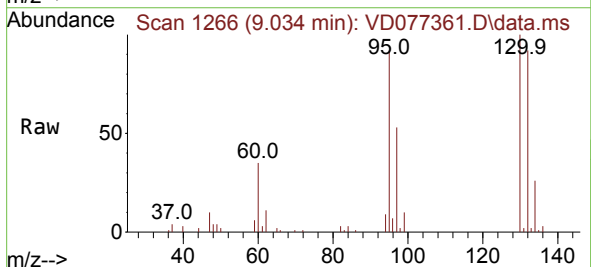
Instrument :
MSVOA_D
ClientSampleId :

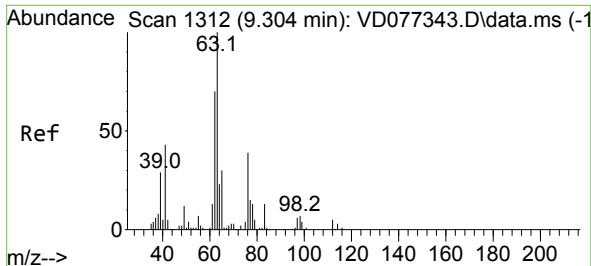
Tgt Ion: 43 Resp: 35619
Ion Ratio Lower Upper
43 100
61 23.1 31.4 47.0#
87 17.2 14.9 22.3



#44
Trichloroethene
Concen: 19.841 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion:130 Resp: 48365
Ion Ratio Lower Upper
130 100
95 92.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 23.062 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

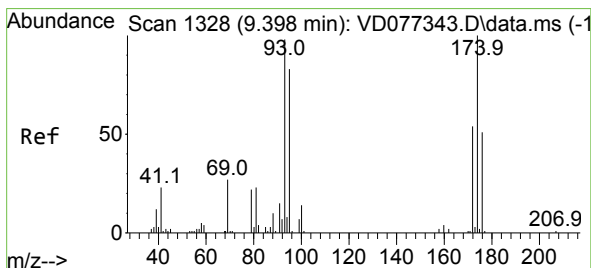
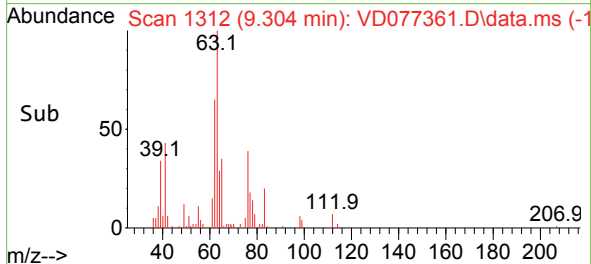
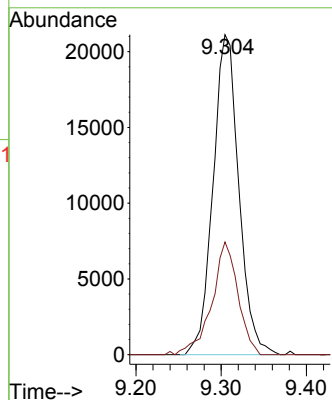
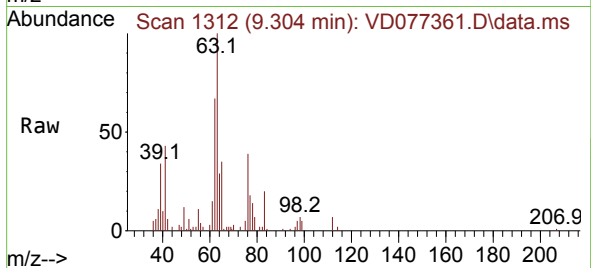
ClientSampleId :

Tgt Ion: 63 Resp: 44325

Ion Ratio Lower Upper

63 100

65 35.2 24.5 36.7



#46

Dibromomethane

Concen: 20.907 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.005 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

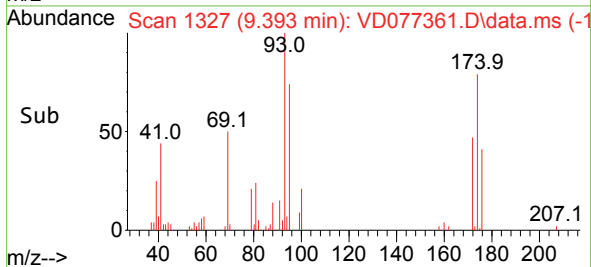
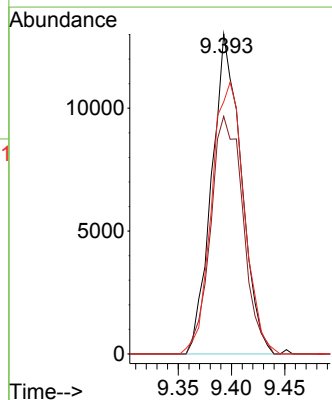
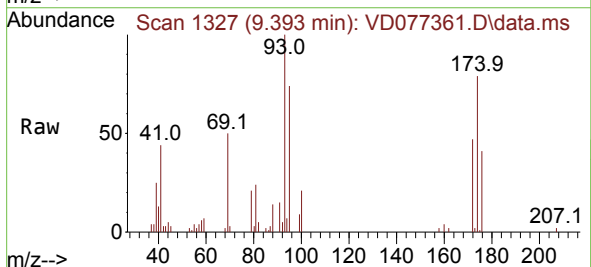
Tgt Ion: 93 Resp: 25121

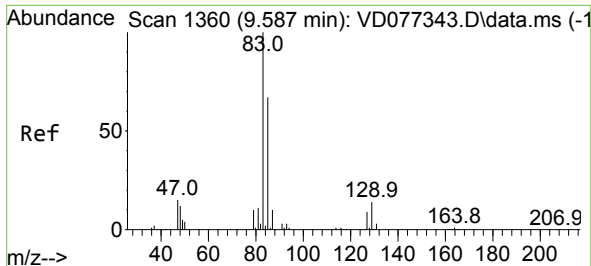
Ion Ratio Lower Upper

93 100

95 81.1 67.7 101.5

174 93.2 85.4 128.2

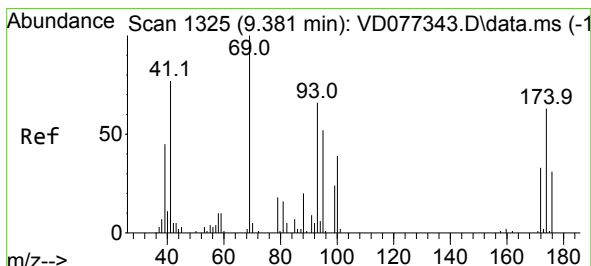
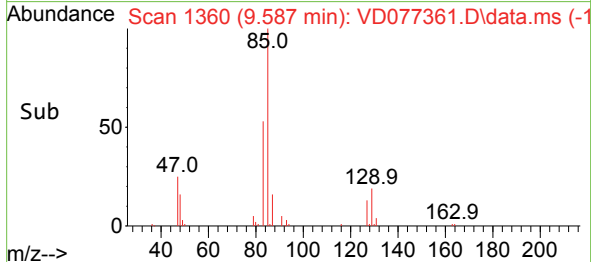
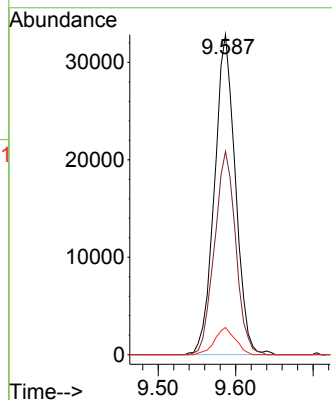
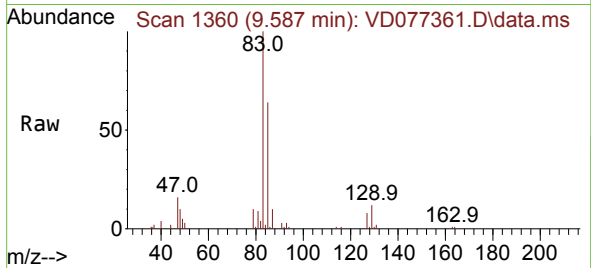




#47
Bromodichloromethane
Concen: 21.517 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

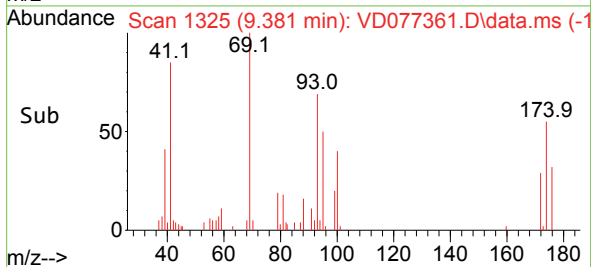
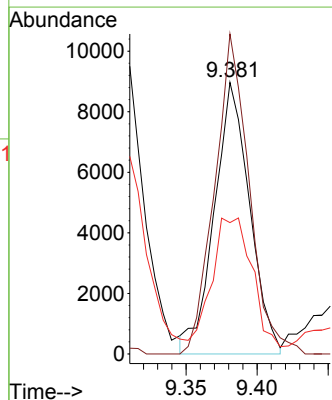
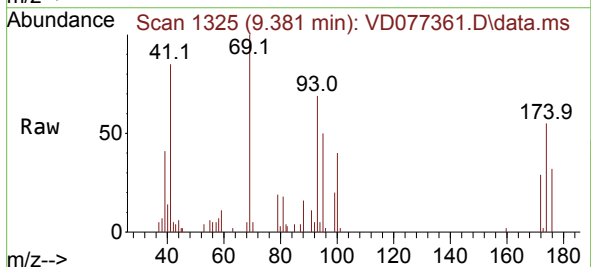
Instrument :
MSVOA_D
ClientSampleId :

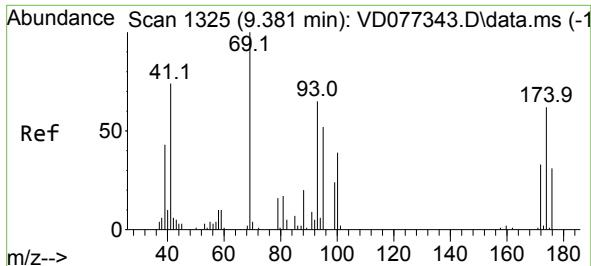
Tgt Ion: 83 Resp: 61650
Ion Ratio Lower Upper
83 100
85 63.5 50.2 75.4
127 8.5 6.3 9.5



#48
Methyl methacrylate
Concen: 21.996 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion: 41 Resp: 15460
Ion Ratio Lower Upper
41 100
69 115.3 102.2 153.2
39 59.0 41.4 62.2





#49

1,4-Dioxane

Concen: 390.766 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

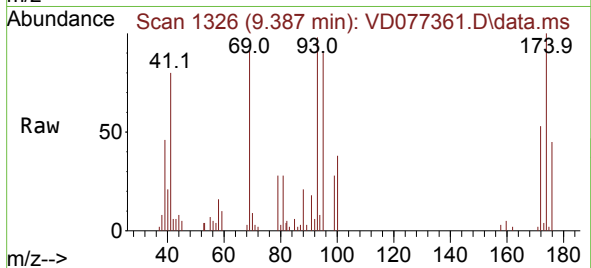
Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :



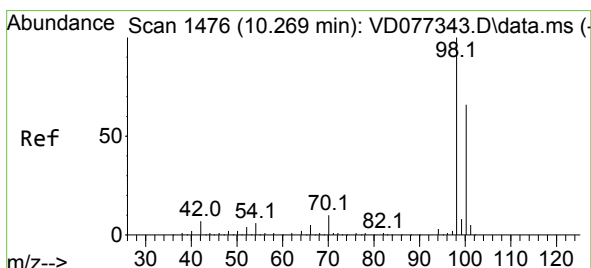
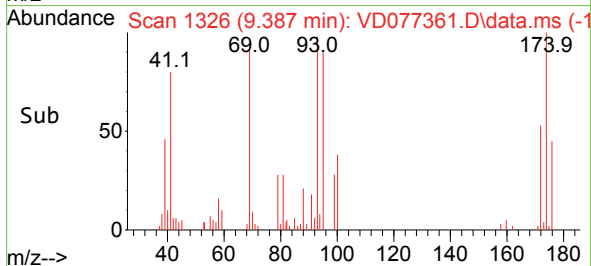
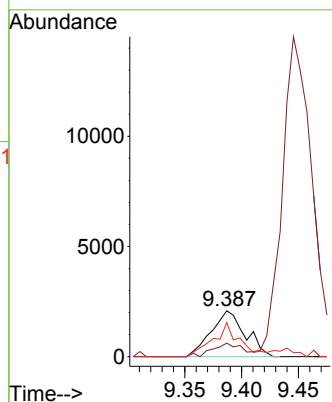
Tgt Ion: 88 Resp: 4337

Ion Ratio Lower Upper

88 100

43 24.4 19.0 28.6

58 57.6 43.5 65.3



#50

Toluene-d8

Concen: 47.856 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077361.D

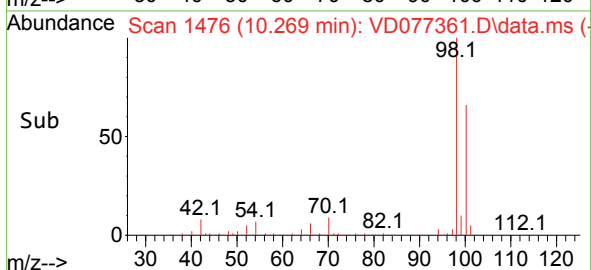
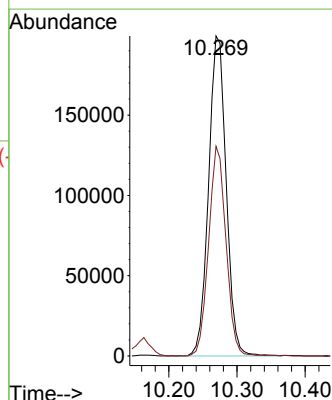
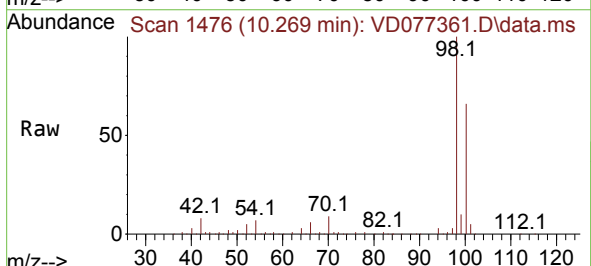
Acq: 20 Oct 2023 12:19

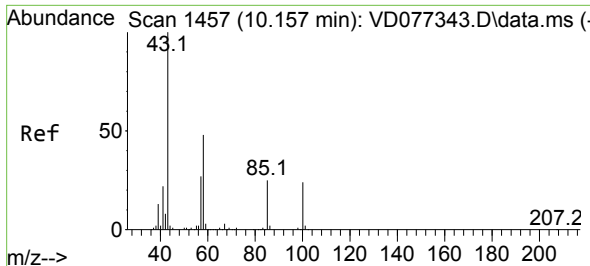
Tgt Ion: 98 Resp: 358362

Ion Ratio Lower Upper

98 100

100 64.6 50.3 75.5

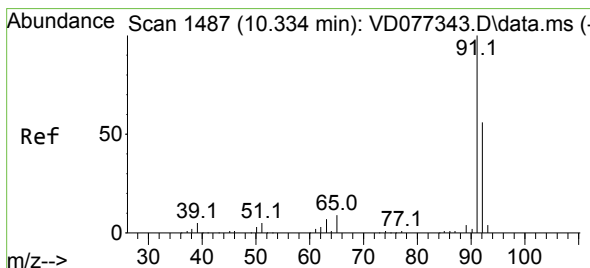
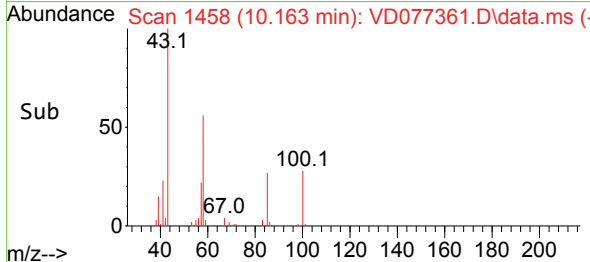
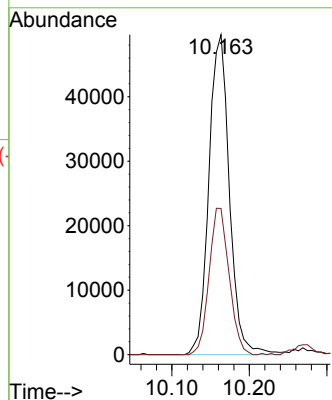
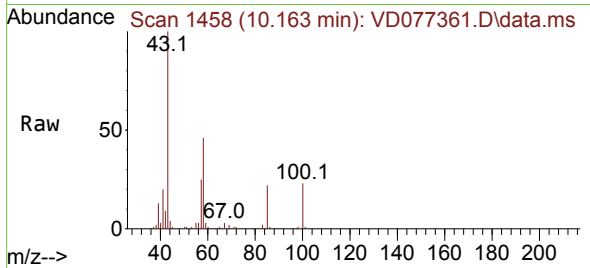




#51
4-Methyl-2-Pentanone
Concen: 117.281 ug/l
RT: 10.163 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

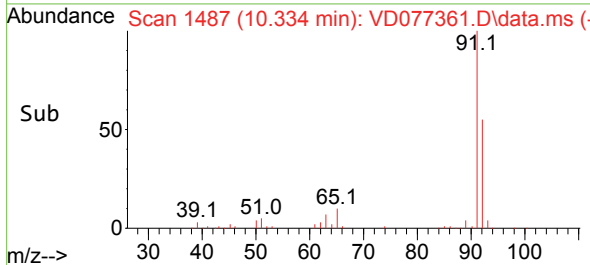
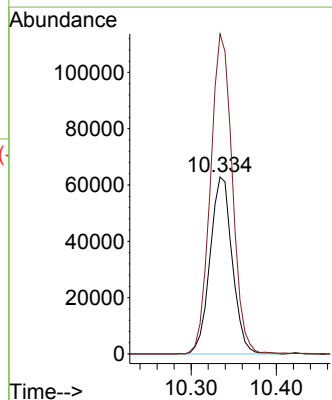
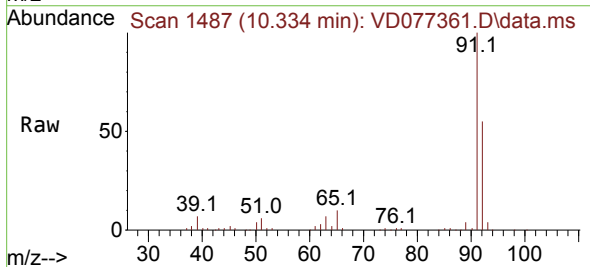
Instrument :
MSVOA_D
ClientSampleId :

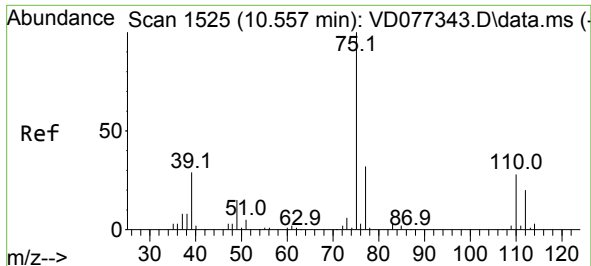
Tgt Ion: 43 Resp: 91341
Ion Ratio Lower Upper
43 100
58 44.6 38.9 58.3



#52
Toluene
Concen: 20.928 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion: 92 Resp: 113928
Ion Ratio Lower Upper
92 100
91 178.7 143.0 214.4

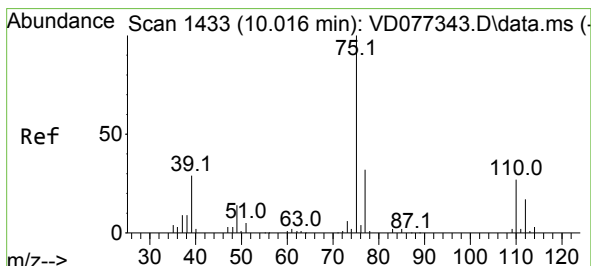
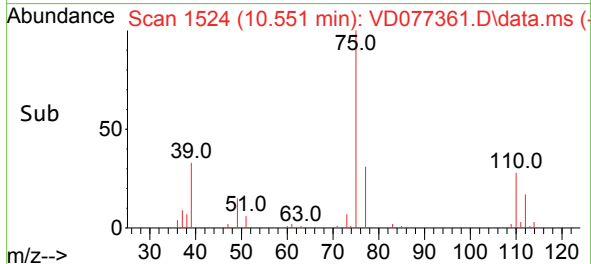
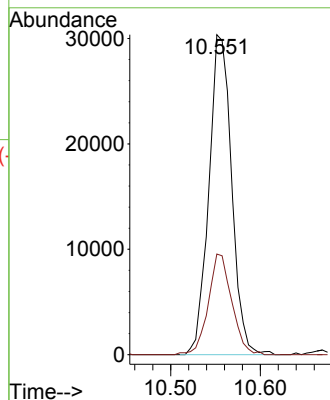
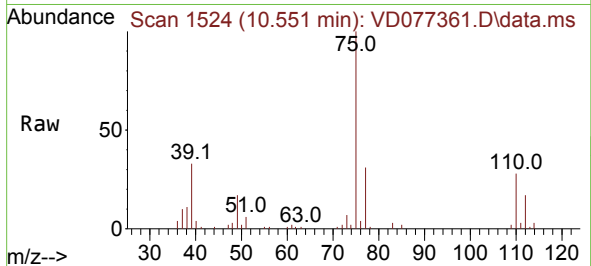




#53
 t-1,3-Dichloropropene
 Concen: 20.771 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.006 min
 Lab File: VD077361.D
 Acq: 20 Oct 2023 12:19

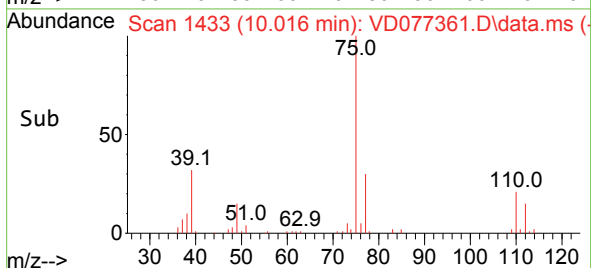
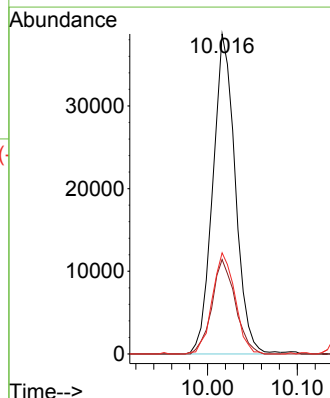
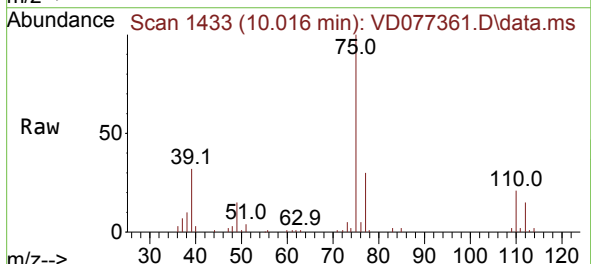
Instrument :
 MSVOA_D
 ClientSampleId :

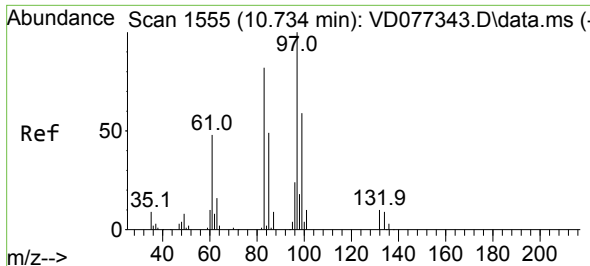
Tgt Ion: 75 Resp: 53419
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 21.338 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077361.D
 Acq: 20 Oct 2023 12:19

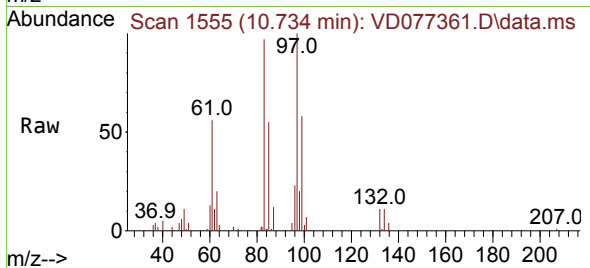
Tgt Ion: 75 Resp: 67143
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.5 38.3
 39 31.6 22.1 33.1



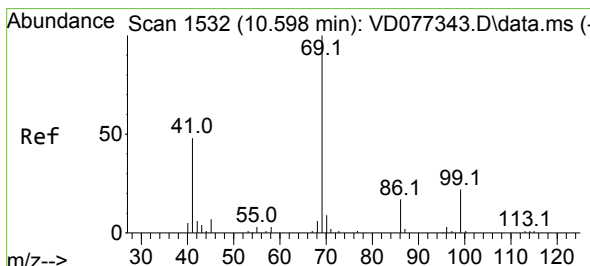
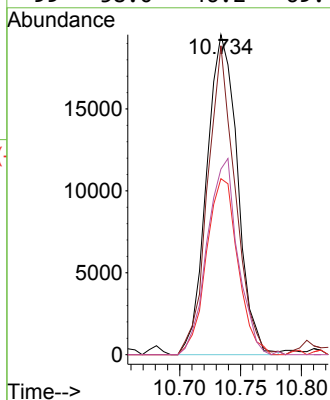
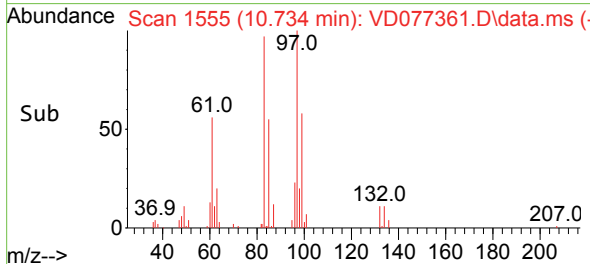


#55
 1,1,2-Trichloroethane
 Concen: 20.727 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VD077361.D
 Acq: 20 Oct 2023 12:19

Instrument :
 MSVOA_D
 ClientSampleId :

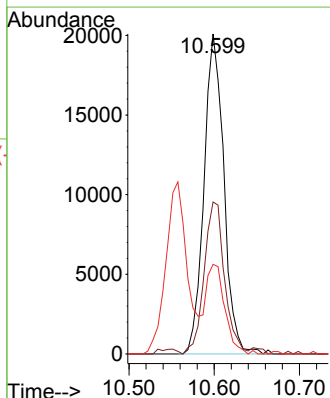
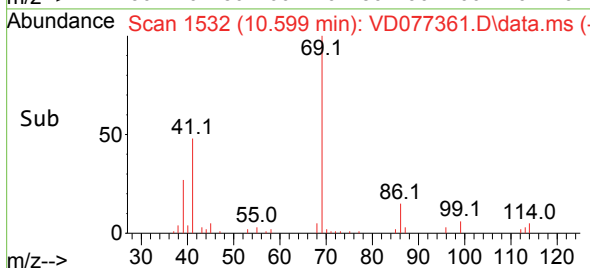
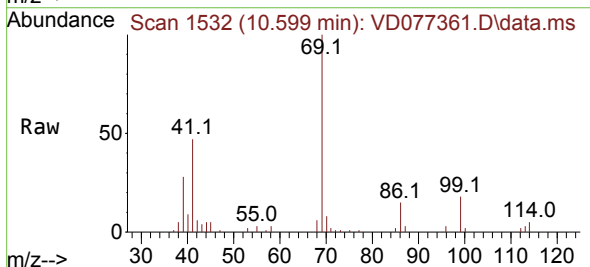


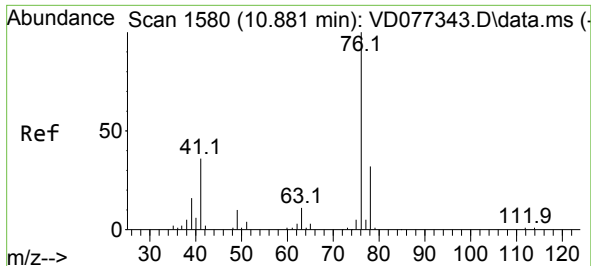
Tgt Ion: 97	Resp: 34495
Ion Ratio	Lower Upper
97 100	
83 96.6	65.8 98.6
85 55.0	45.7 68.5
99 58.0	46.2 69.4



#56
 Ethyl methacrylate
 Concen: 20.481 ug/l
 RT: 10.599 min Scan# 1532
 Delta R.T. 0.001 min
 Lab File: VD077361.D
 Acq: 20 Oct 2023 12:19

Tgt Ion: 69	Resp: 32574
Ion Ratio	Lower Upper
69 100	
41 48.8	39.1 58.7
39 27.7	20.0 30.0





#57

1,3-Dichloropropane

Concen: 22.067 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

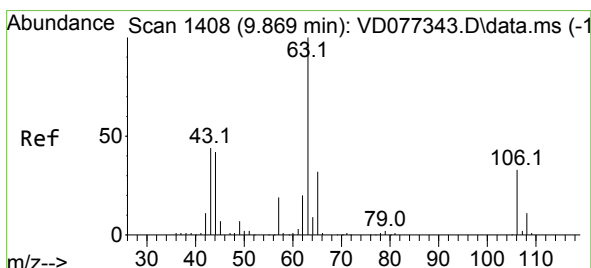
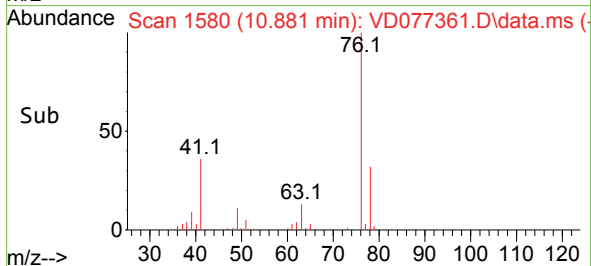
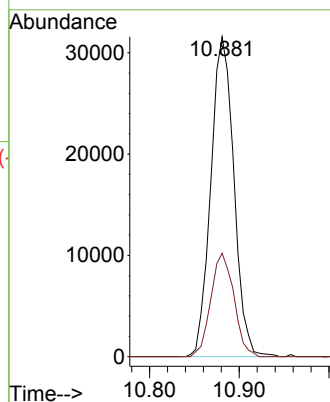
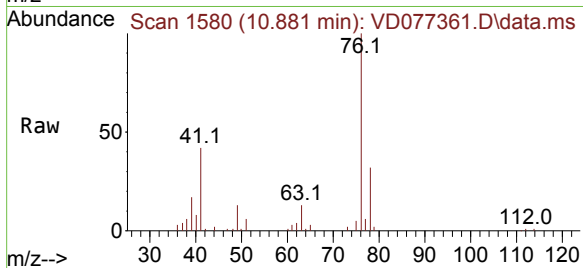
ClientSampleId :

Tgt Ion: 76 Resp: 56413

Ion Ratio Lower Upper

76 100

78 32.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 110.039 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD077361.D

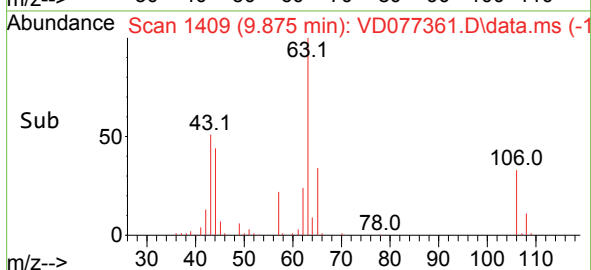
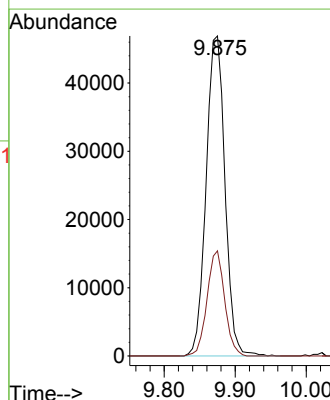
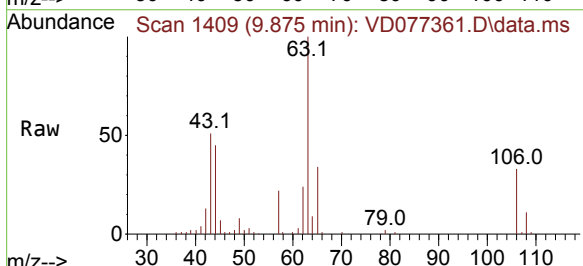
Acq: 20 Oct 2023 12:19

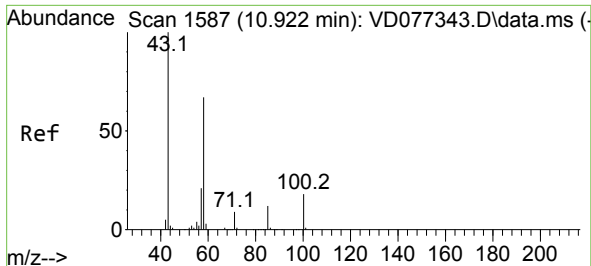
Tgt Ion: 63 Resp: 86549

Ion Ratio Lower Upper

63 100

106 30.7 25.3 37.9

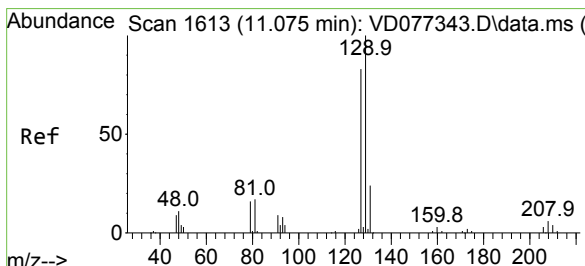
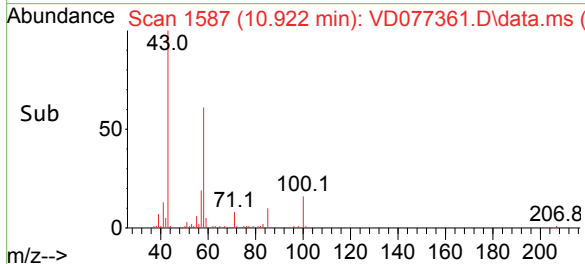
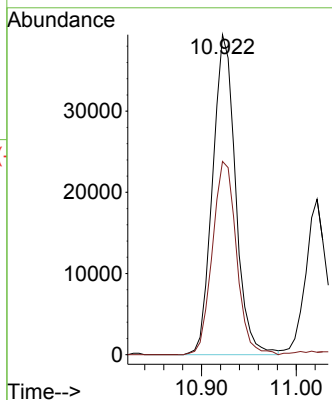
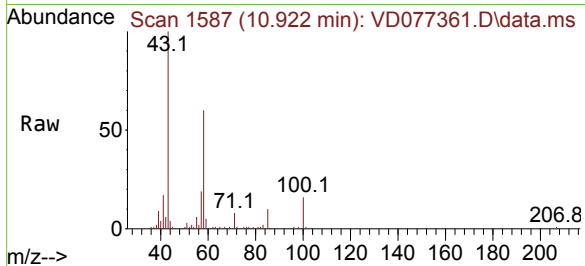




#59
2-Hexanone
Concen: 118.533 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

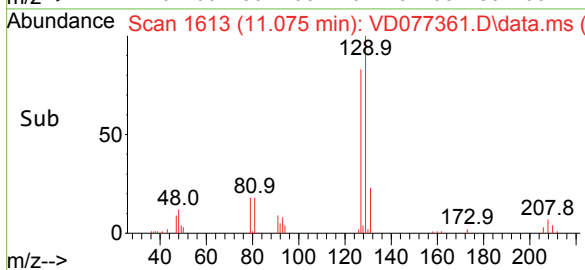
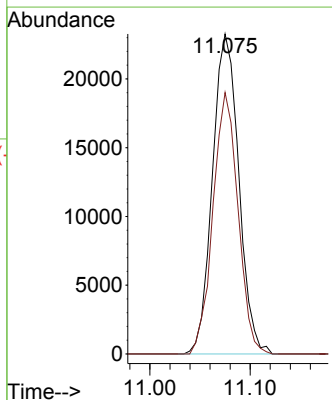
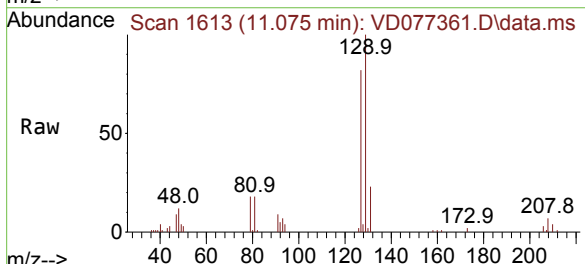
Instrument :
MSVOA_D
ClientSampleId :

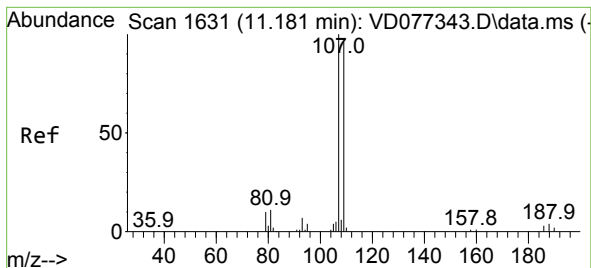
Tgt Ion: 43 Resp: 66303
Ion Ratio Lower Upper
43 100
58 63.3 34.1 102.2



#60
Dibromochloromethane
Concen: 19.956 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion: 129 Resp: 42408
Ion Ratio Lower Upper
129 100
127 77.6 37.1 111.5





#61

1,2-Dibromoethane

Concen: 19.942 ug/l

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

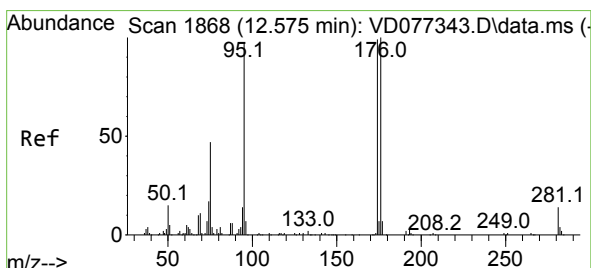
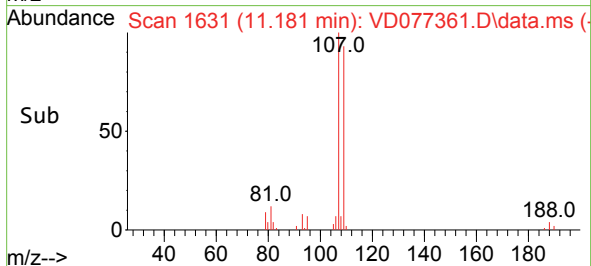
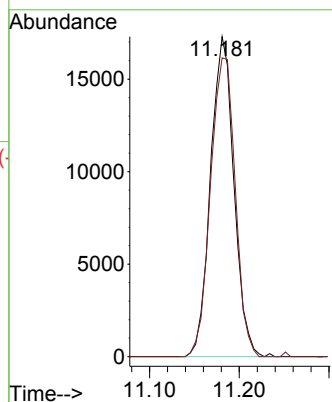
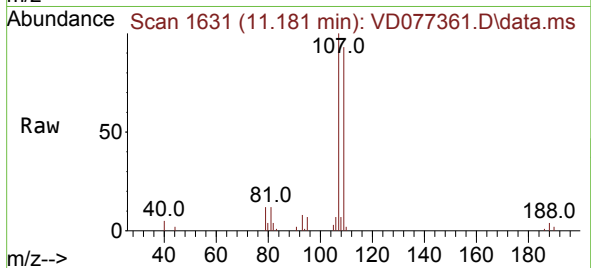
ClientSampleId :

Tgt Ion:107 Resp: 31274

Ion Ratio Lower Upper

107 100

109 98.7 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 47.190 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

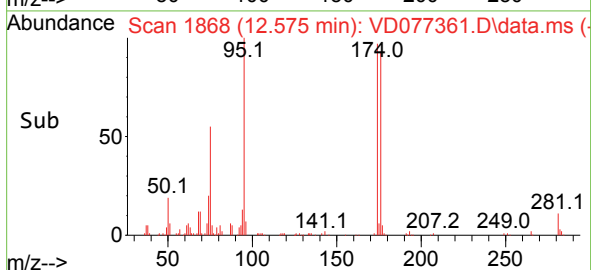
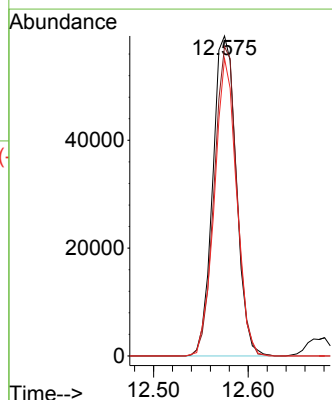
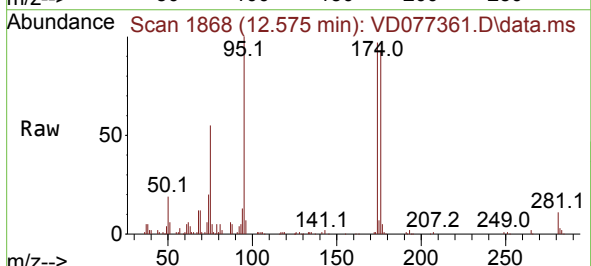
Tgt Ion: 95 Resp: 101722

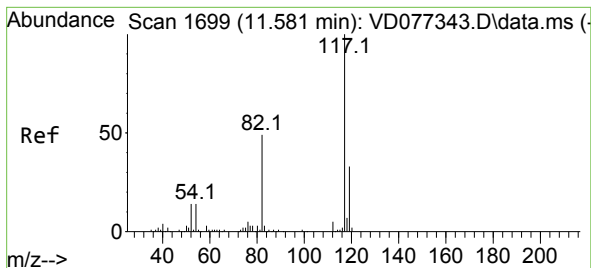
Ion Ratio Lower Upper

95 100

174 93.6 0.0 201.8

176 88.2 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

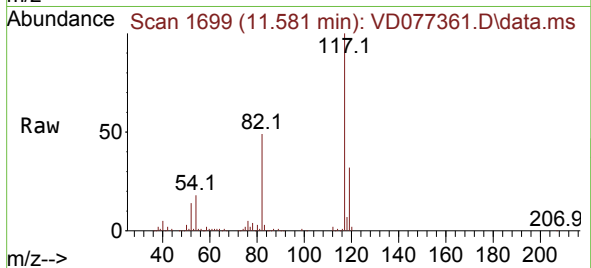
Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :



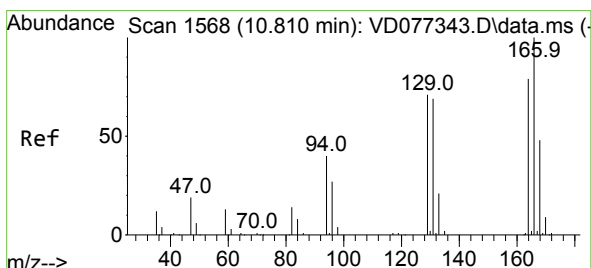
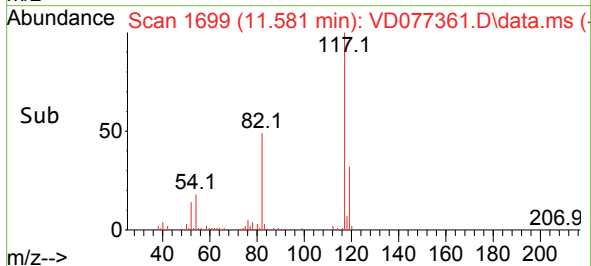
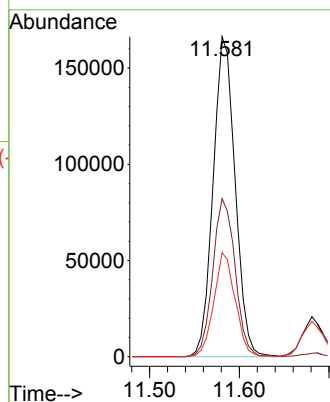
Tgt Ion:117 Resp: 283045

Ion Ratio Lower Upper

117 100

82 49.4 38.3 57.5

119 32.5 25.0 37.4



#64

Tetrachloroethene

Concen: 18.729 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Tgt Ion:164 Resp: 39402

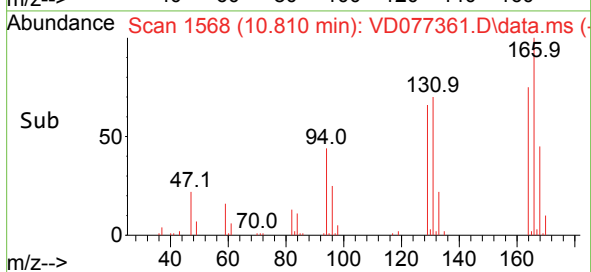
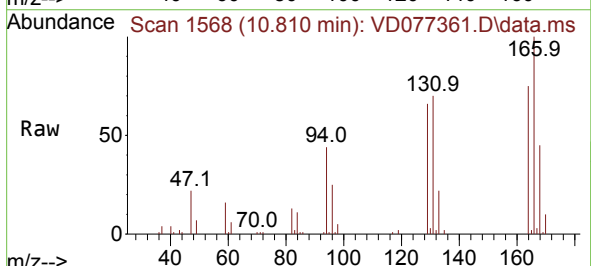
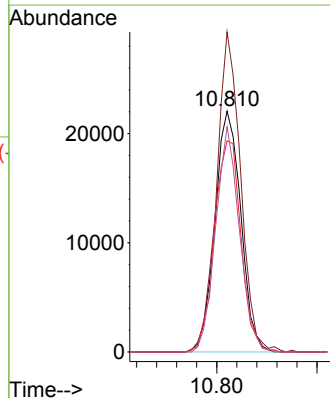
Ion Ratio Lower Upper

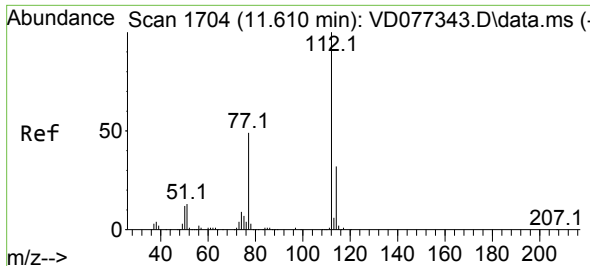
164 100

166 132.9 99.2 148.8

129 87.7 68.4 102.6

131 93.5 63.8 95.8

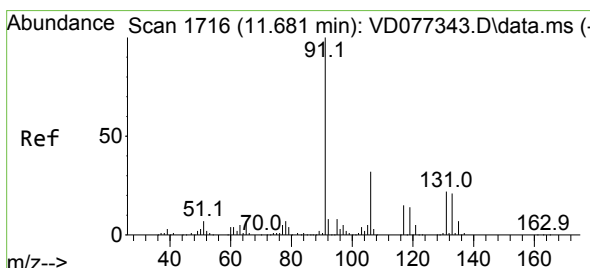
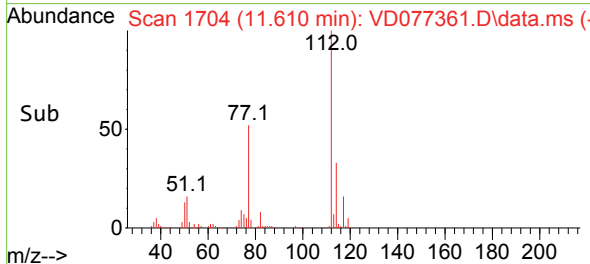
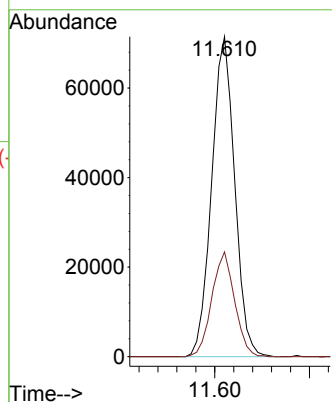
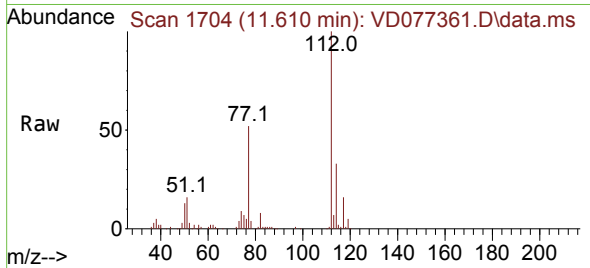




#65
Chlorobenzene
Concen: 19.524 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

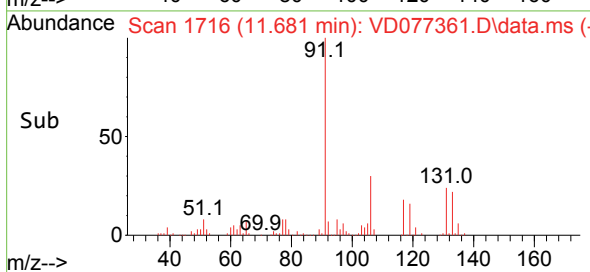
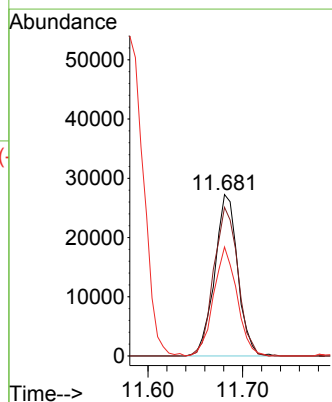
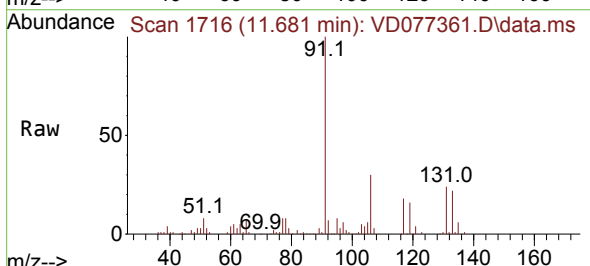
Instrument :
MSVOA_D
ClientSampleId :

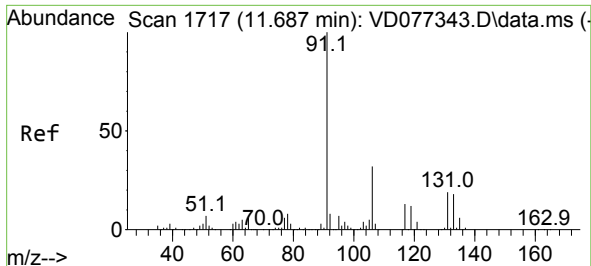
Tgt Ion:112 Resp: 120455
Ion Ratio Lower Upper
112 100
114 32.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.660 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion:131 Resp: 46108
Ion Ratio Lower Upper
131 100
133 96.8 48.5 145.5
119 68.6 35.6 106.9

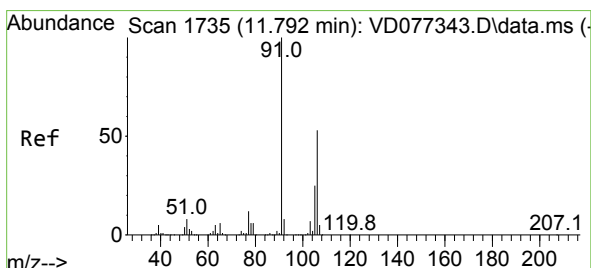
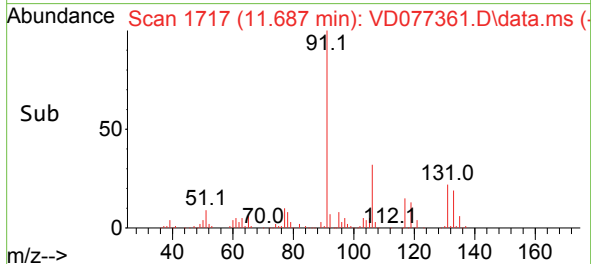
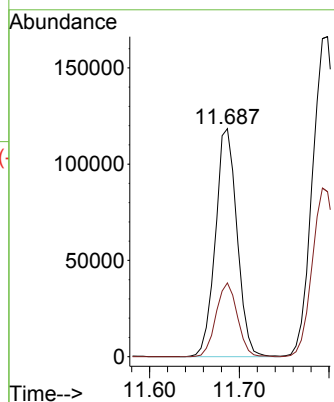
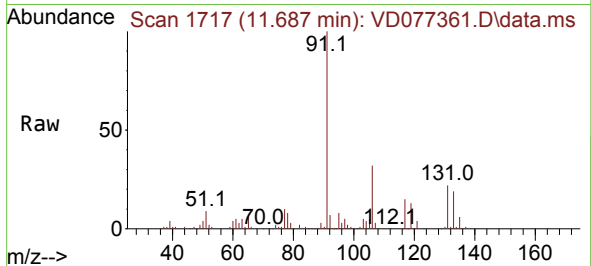




#67
Ethyl Benzene
Concen: 19.373 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

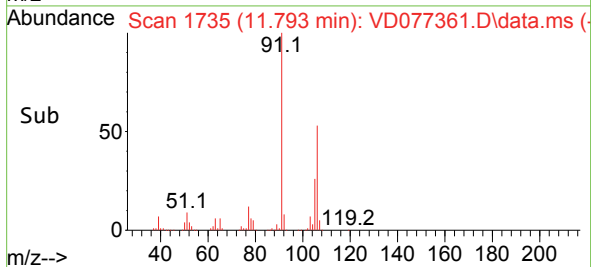
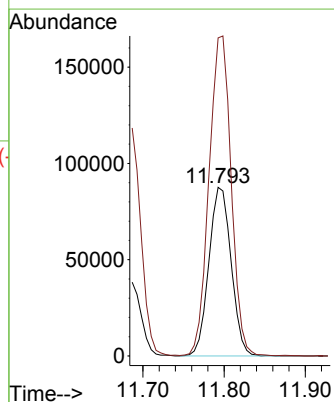
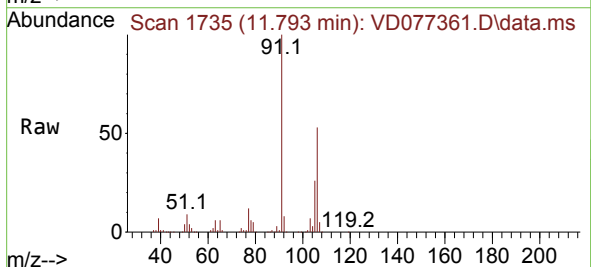
Instrument :
MSVOA_D
ClientSampleId :

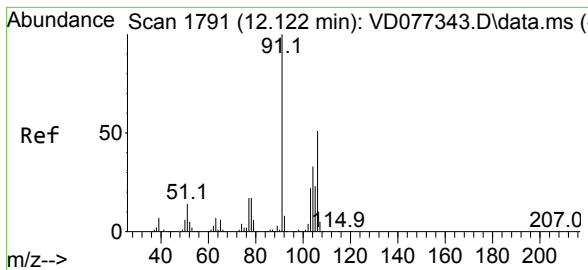
Tgt Ion: 91 Resp: 198134
Ion Ratio Lower Upper
91 100
106 32.4 26.5 39.7



#68
m/p-Xylenes
Concen: 39.680 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion: 106 Resp: 166642
Ion Ratio Lower Upper
106 100
91 188.9 147.0 220.6

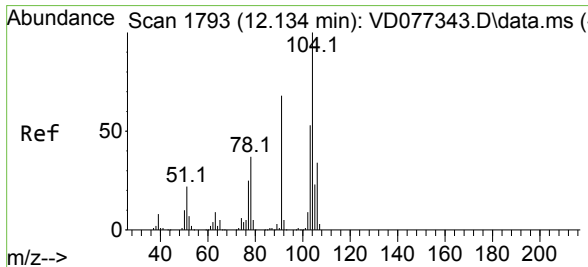
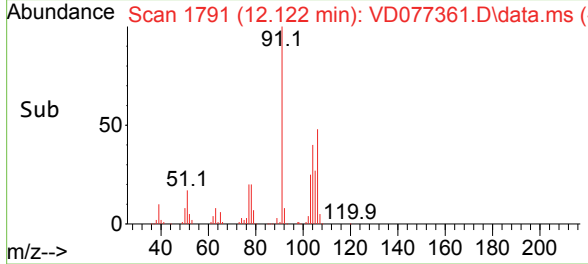
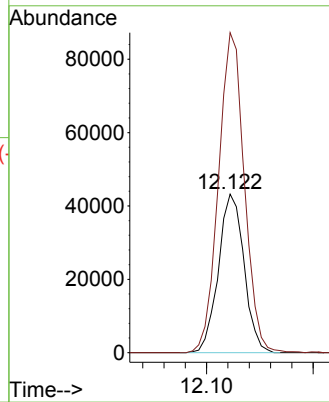
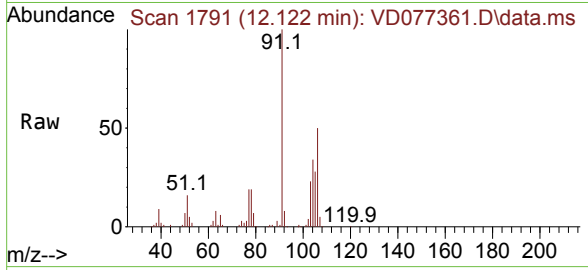




#69
o-Xylene
Concen: 18.652 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

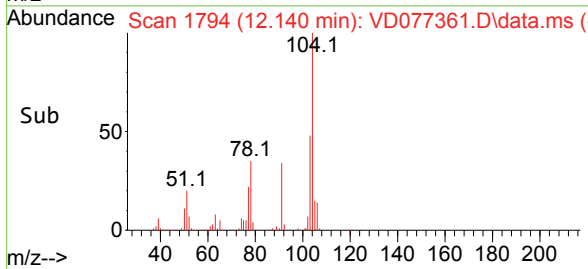
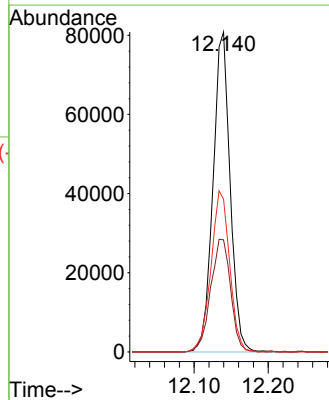
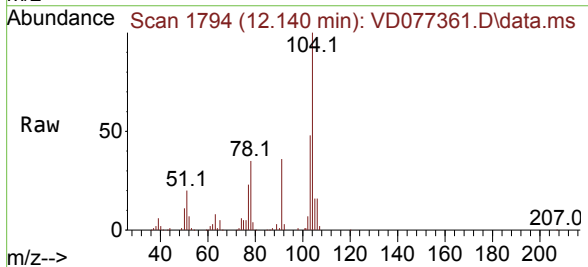
Instrument :
MSVOA_D
ClientSampleId :

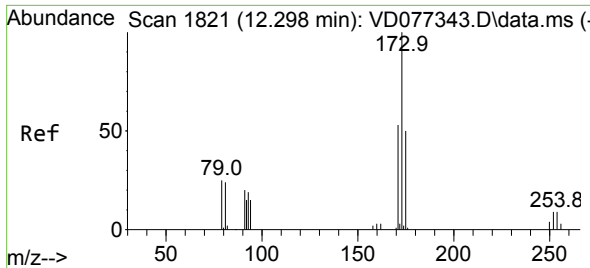
Tgt Ion:106 Resp: 72110
Ion Ratio Lower Upper
106 100
91 203.9 97.9 293.6



#70
Styrene
Concen: 19.640 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion:104 Resp: 129549
Ion Ratio Lower Upper
104 100
78 41.2 33.2 49.8
103 55.1 43.6 65.4

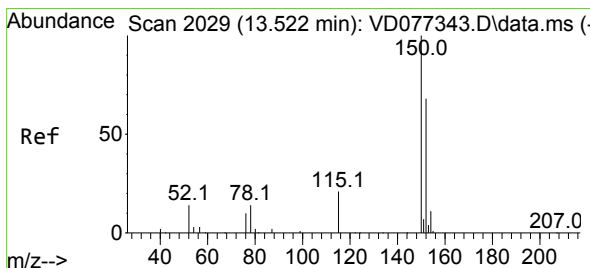
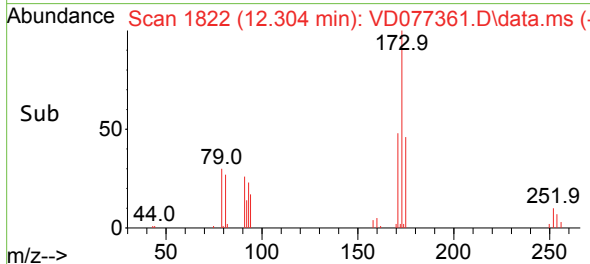
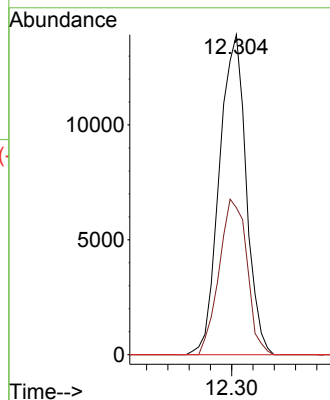
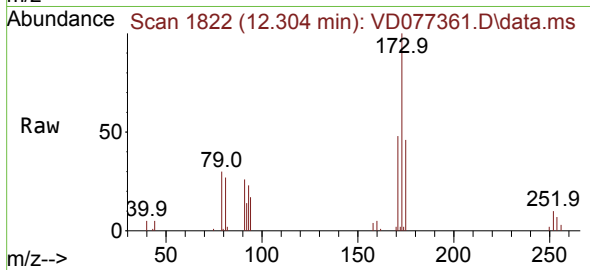




#71
Bromoform
Concen: 18.893 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

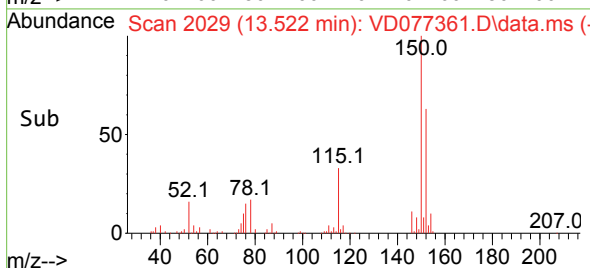
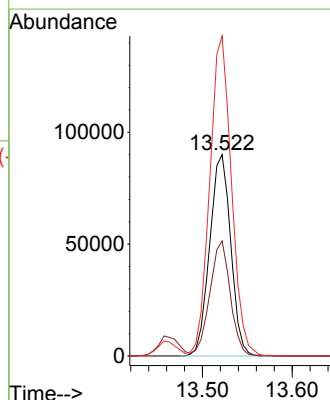
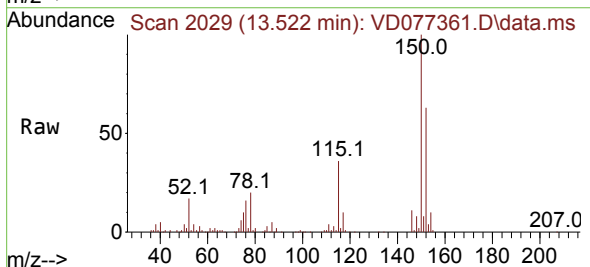
Instrument :
MSVOA_D
ClientSampleId :

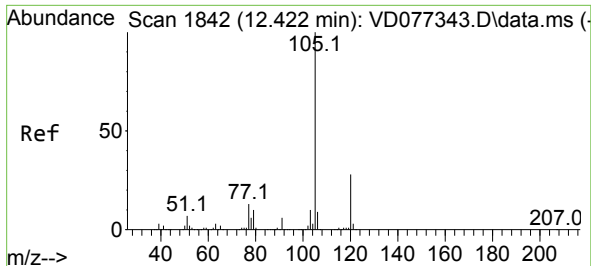
Tgt Ion:173 Resp: 24289
Ion Ratio Lower Upper
173 100
175 50.5 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

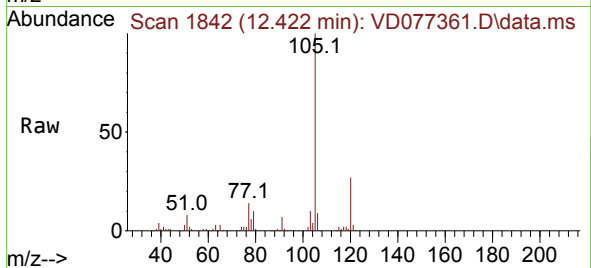
Tgt Ion:152 Resp: 146819
Ion Ratio Lower Upper
152 100
115 55.4 27.1 81.3
150 163.8 0.0 353.6



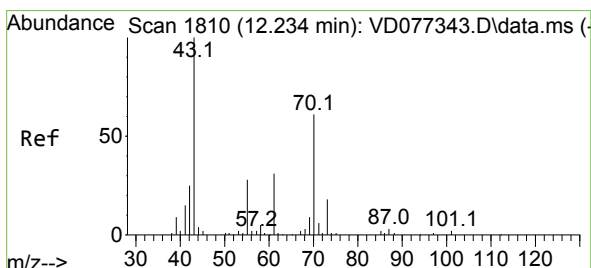
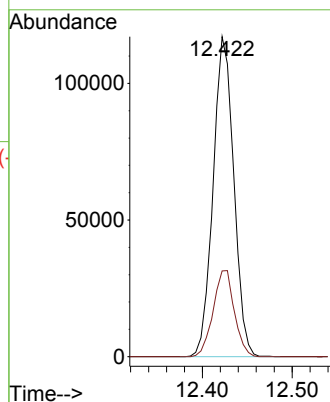
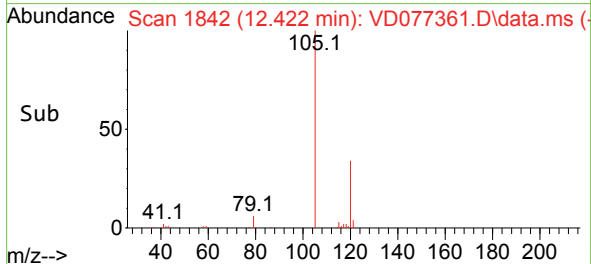


#73
Isopropylbenzene
Concen: 19.279 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

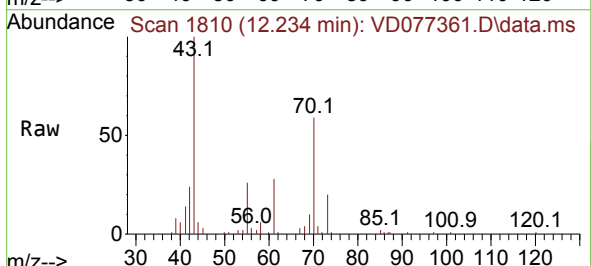
Instrument :
MSVOA_D
ClientSampleId :



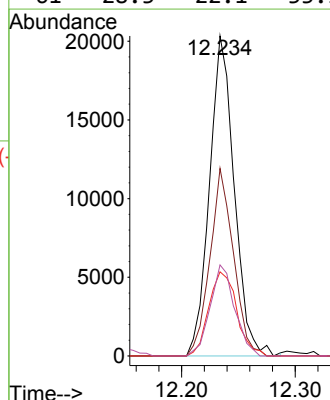
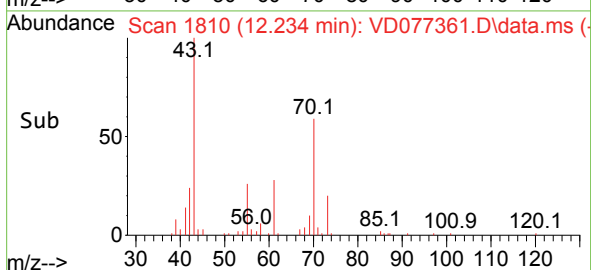
Tgt Ion:105 Resp: 187223
Ion Ratio Lower Upper
105 100
120 27.6 14.3 42.9

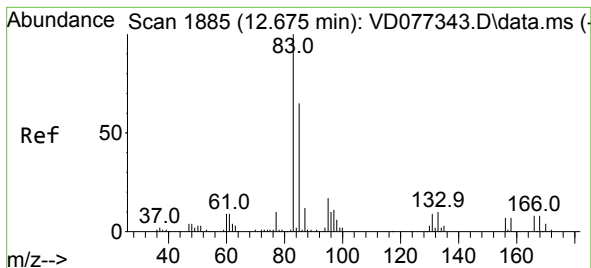


#74
N-ethyl acetate
Concen: 22.067 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19



Tgt Ion: 43 Resp: 30829
Ion Ratio Lower Upper
43 100
70 55.7 45.0 67.4
55 29.6 23.8 35.6
61 28.3 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 22.524 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

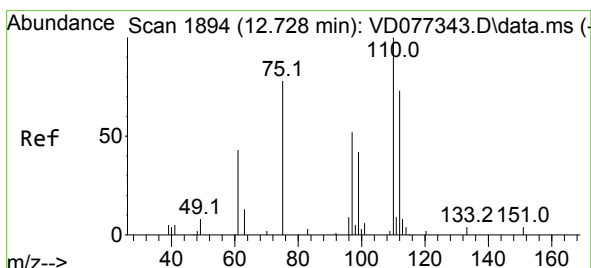
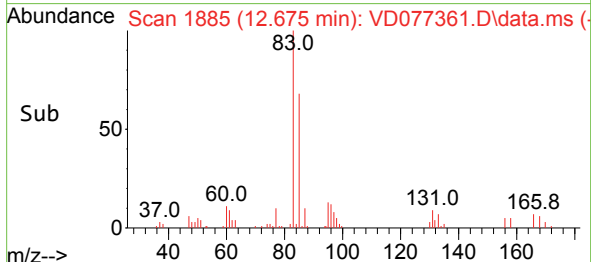
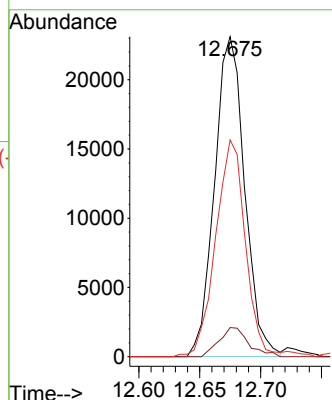
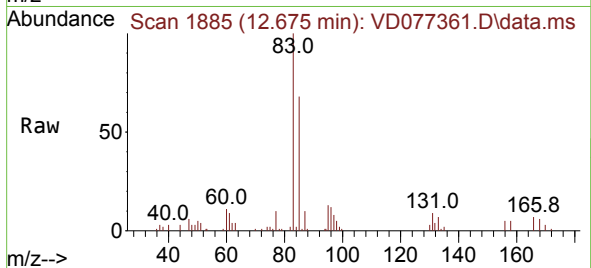
Tgt Ion: 83 Resp: 39748

Ion Ratio Lower Upper

83 100

131 8.9 5.1 15.3

85 67.5 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 24.322 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD077361.D

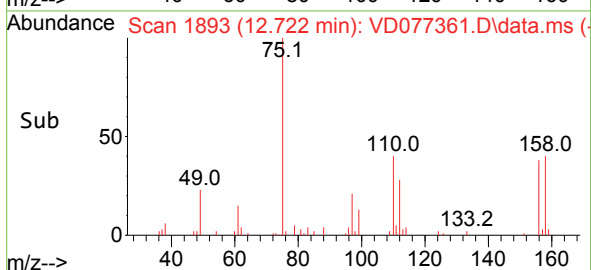
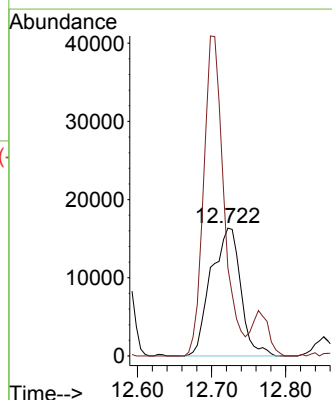
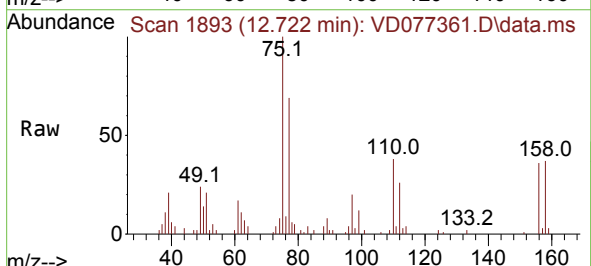
Acq: 20 Oct 2023 12:19

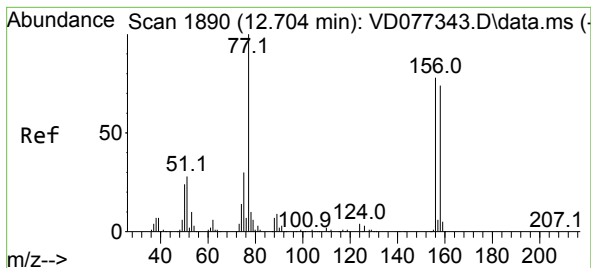
Tgt Ion: 75 Resp: 45511

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.594 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077361.D

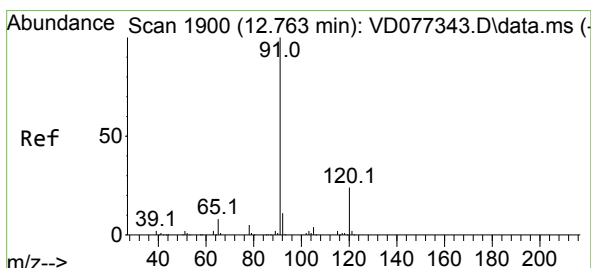
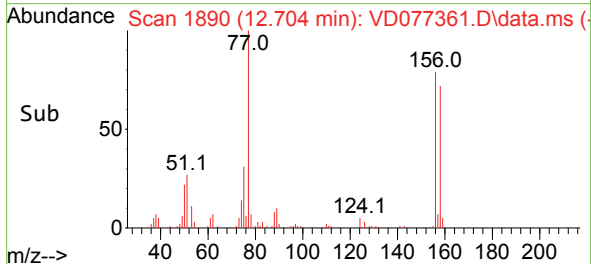
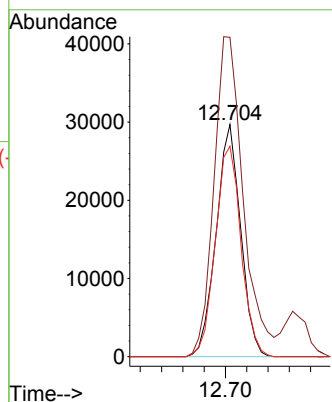
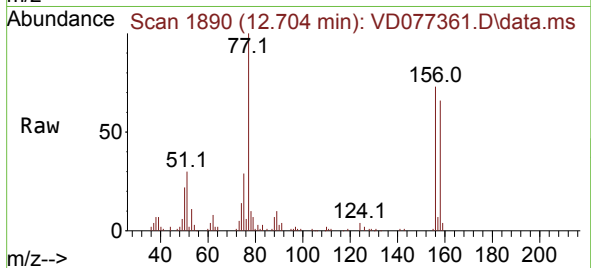
Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	156	Resp:	47407
Ion Ratio	Lower	Upper	
156	100		
77	164.4	76.8	230.4
158	95.1	48.6	145.9



#78

n-propylbenzene

Concen: 20.702 ug/l

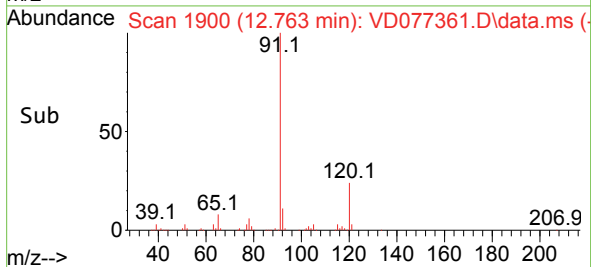
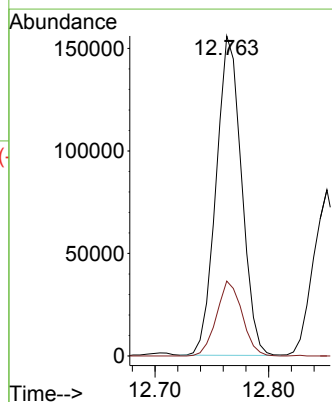
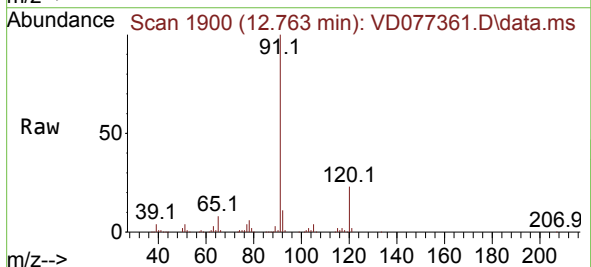
RT: 12.763 min Scan# 1900

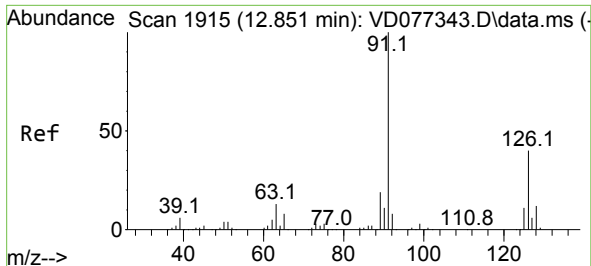
Delta R.T. 0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Tgt Ion:	91	Resp:	242121
Ion Ratio	Lower	Upper	
91	100		
120	23.5	12.4	37.2

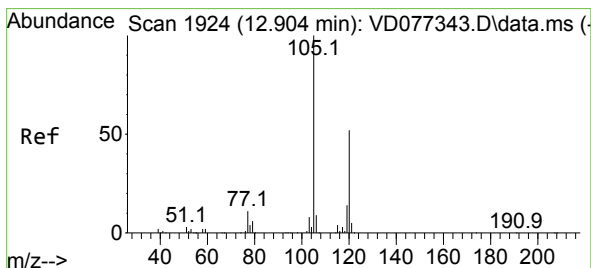
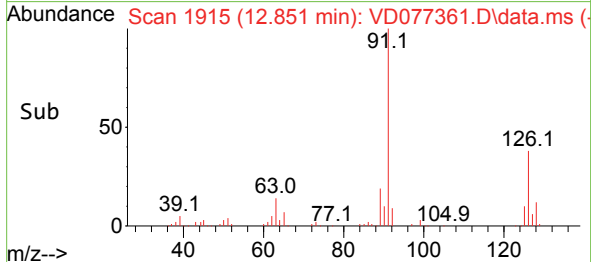
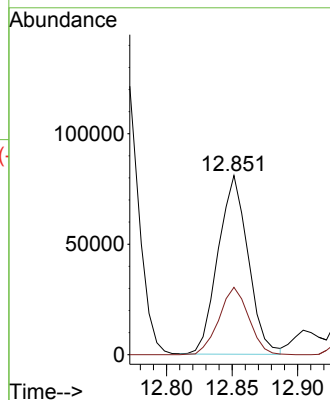
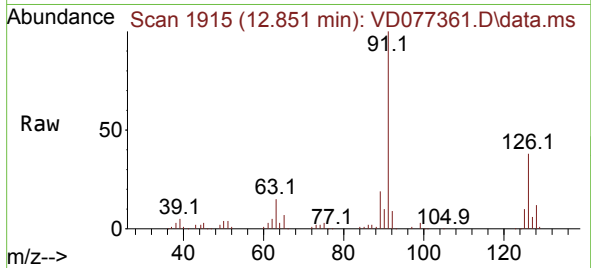




#79
2-Chlorotoluene
Concen: 20.288 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

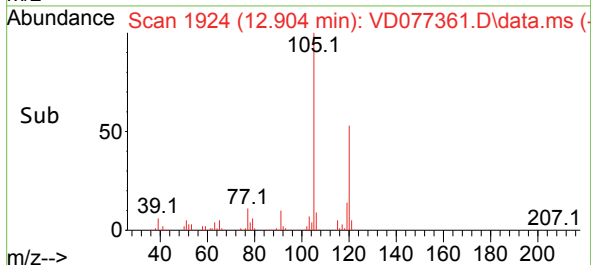
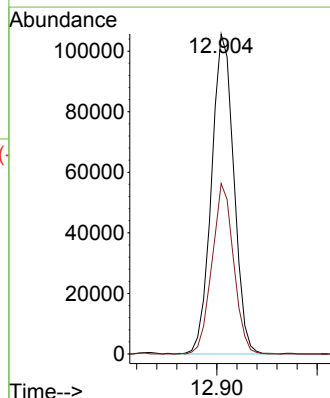
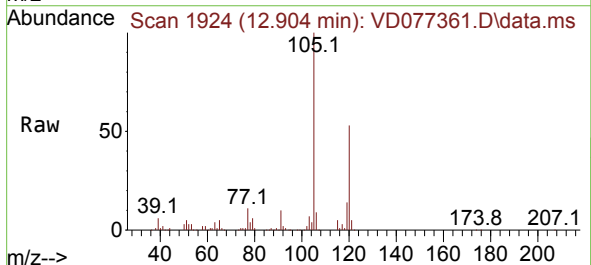
Instrument :
MSVOA_D
ClientSampleId :

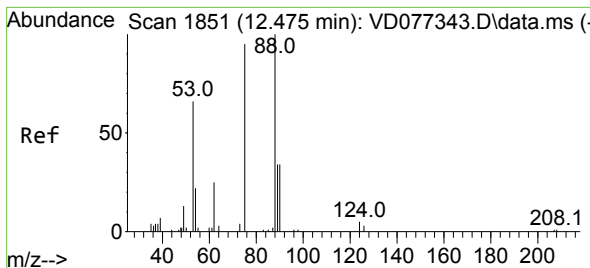
Tgt Ion: 91 Resp: 129243
Ion Ratio Lower Upper
91 100
126 37.2 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.353 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion: 105 Resp: 163108
Ion Ratio Lower Upper
105 100
120 51.6 26.4 79.2

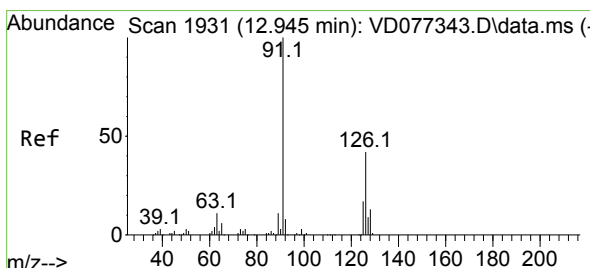
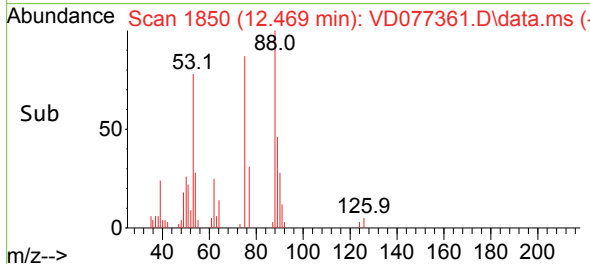
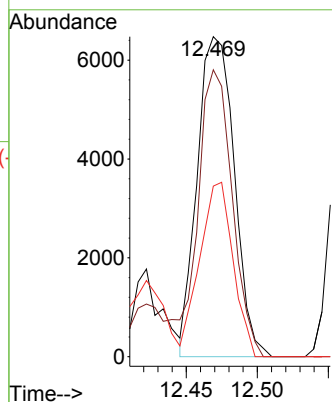
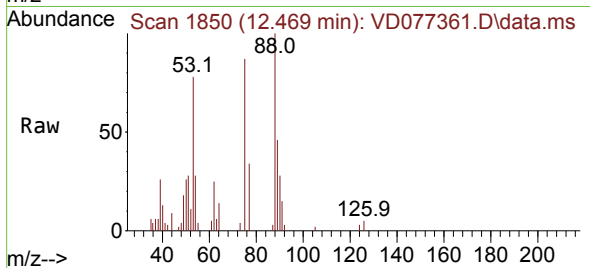




#81
trans-1,4-Dichloro-2-butene
Concen: 21.353 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

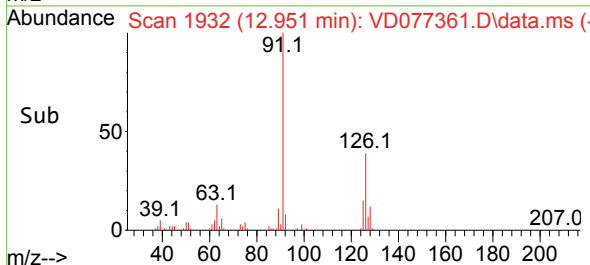
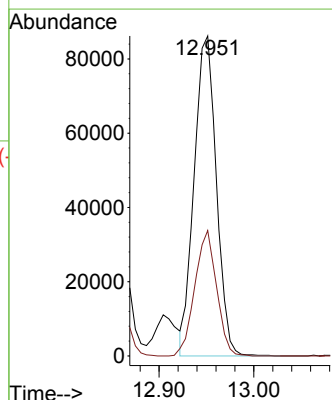
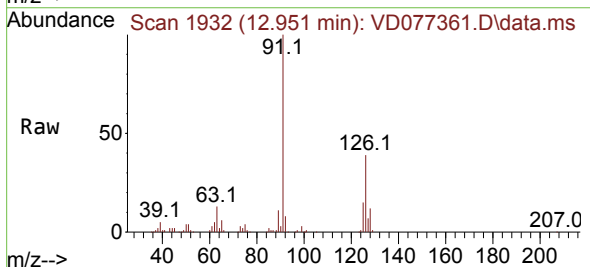
Instrument :
MSVOA_D
ClientSampleId :

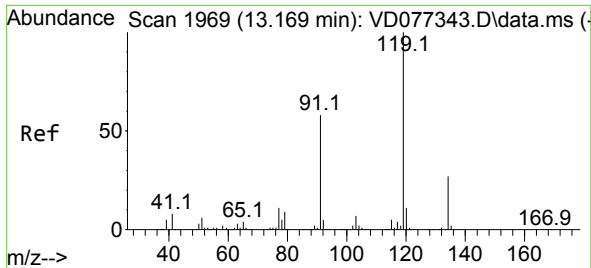
Tgt Ion: 75 Resp: 11700
Ion Ratio Lower Upper
75 100
53 81.5 63.0 94.4
89 49.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 21.156 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion: 91 Resp: 140309
Ion Ratio Lower Upper
91 100
126 38.5 19.4 58.4

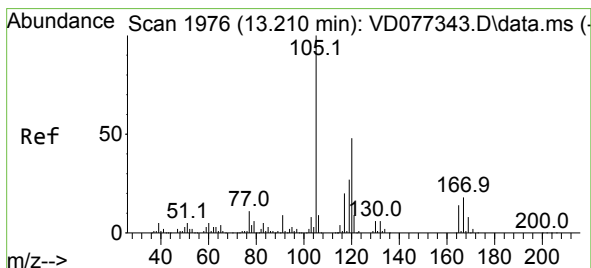
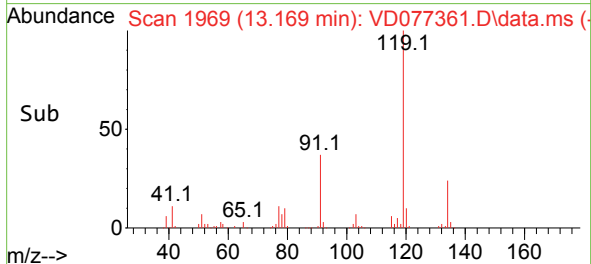
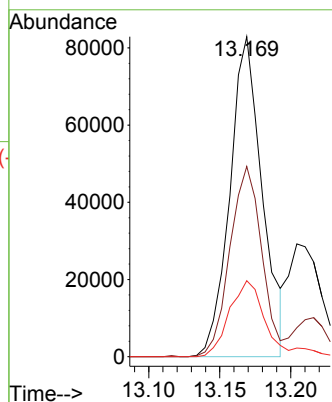
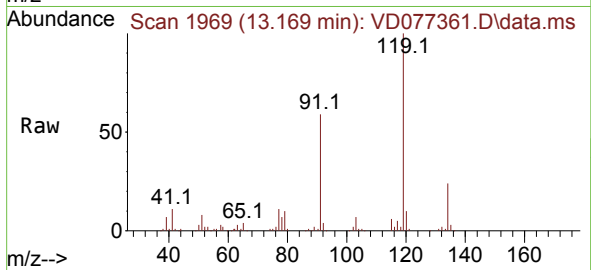




#83
tert-Butylbenzene
Concen: 18.520 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

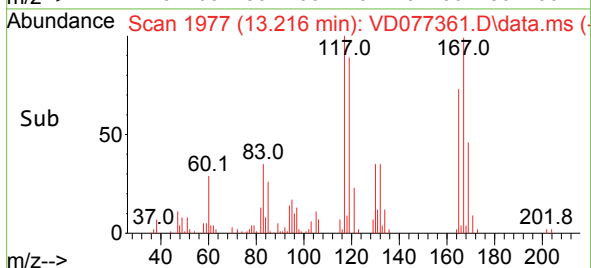
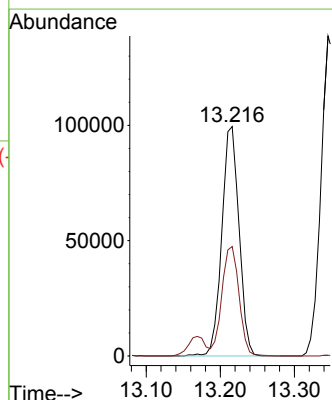
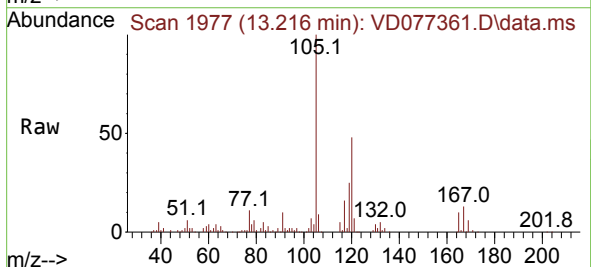
Instrument :
MSVOA_D
ClientSampleId :

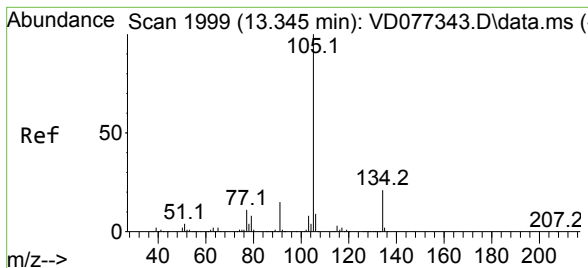
Tgt Ion:119 Resp: 131587
Ion Ratio Lower Upper
119 100
91 58.3 29.3 87.8
134 27.1 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 19.918 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion:105 Resp: 160710
Ion Ratio Lower Upper
105 100
120 47.2 24.3 72.9





#85

sec-Butylbenzene

Concen: 20.191 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

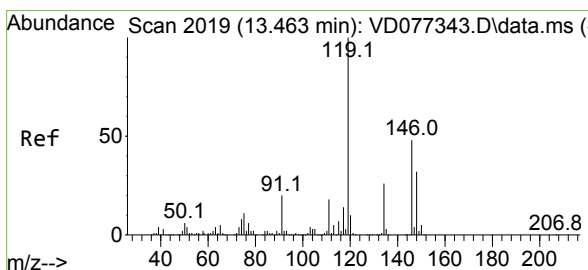
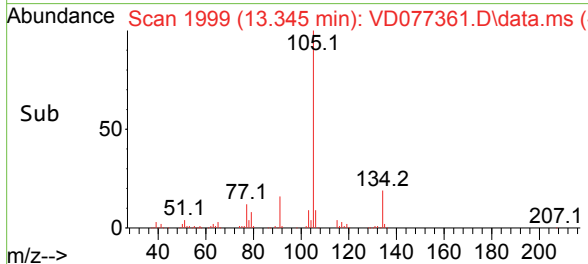
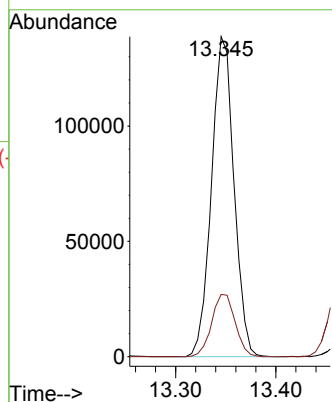
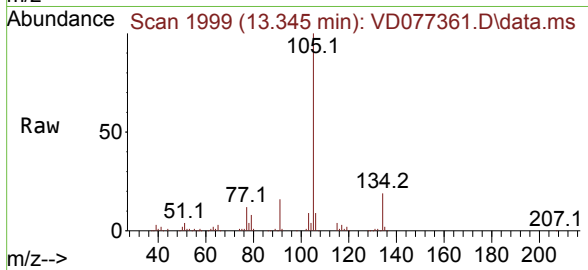
ClientSampleId :

Tgt Ion:105 Resp: 215874

Ion Ratio Lower Upper

105 100

134 20.3 10.9 32.9



#86

p-Isopropyltoluene

Concen: 19.046 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

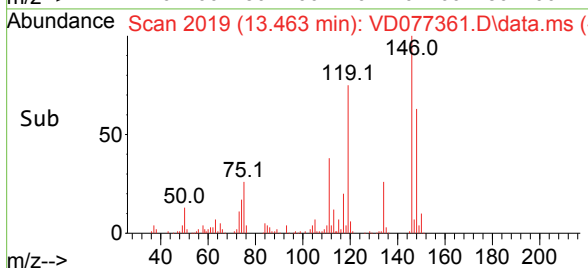
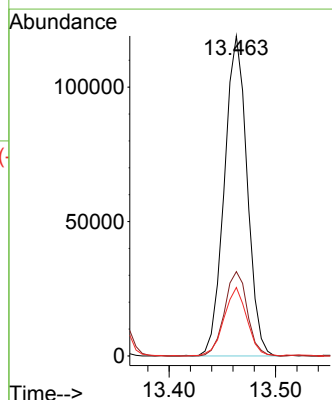
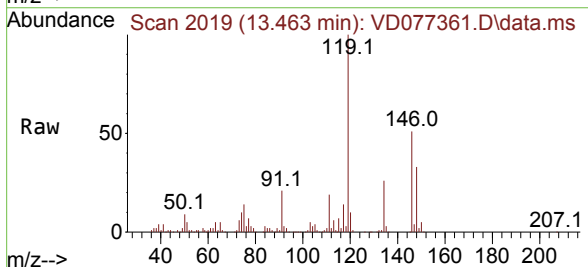
Tgt Ion:119 Resp: 176909

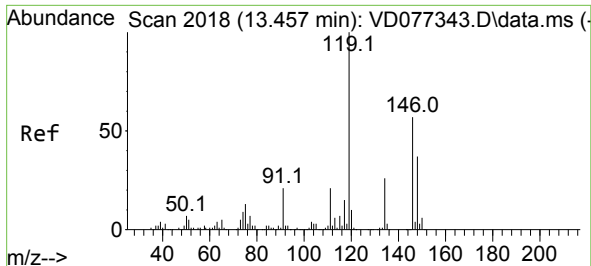
Ion Ratio Lower Upper

119 100

134 26.2 14.2 42.6

91 21.6 10.5 31.5

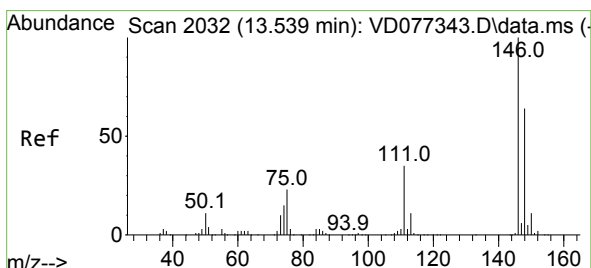
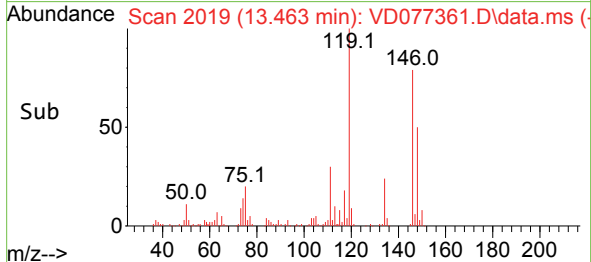
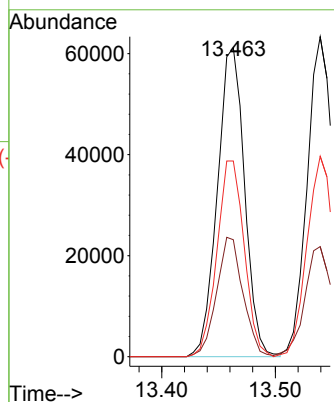
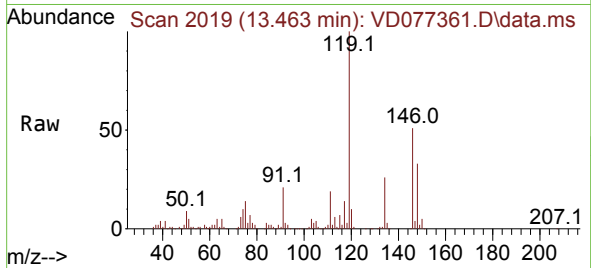




#87
1,3-Dichlorobenzene
Concen: 18.998 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

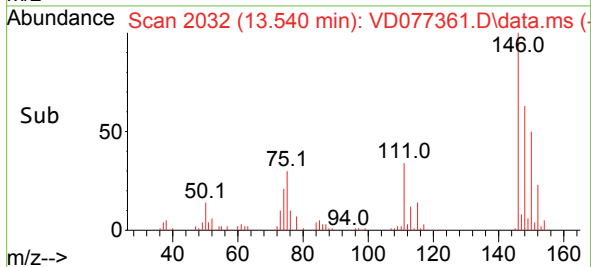
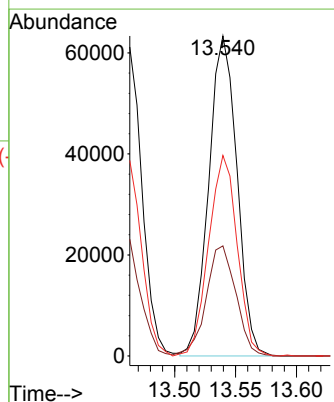
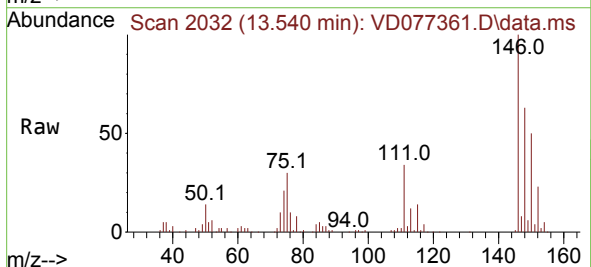
Instrument :
MSVOA_D
ClientSampleId :

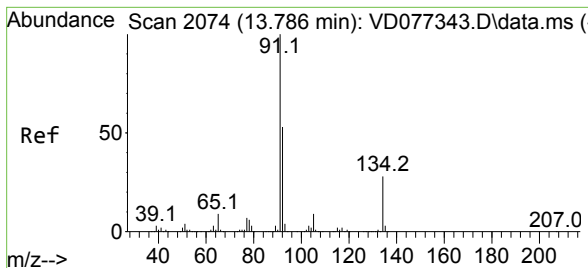
Tgt Ion:146 Resp: 101934
Ion Ratio Lower Upper
146 100
111 37.6 17.9 53.8
148 63.4 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 19.205 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion:146 Resp: 102113
Ion Ratio Lower Upper
146 100
111 36.2 17.4 52.3
148 63.5 31.7 95.1





#89

n-Butylbenzene

Concen: 24.787 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

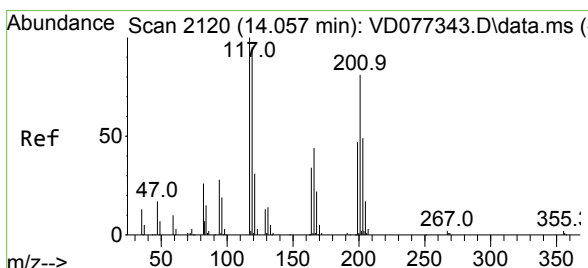
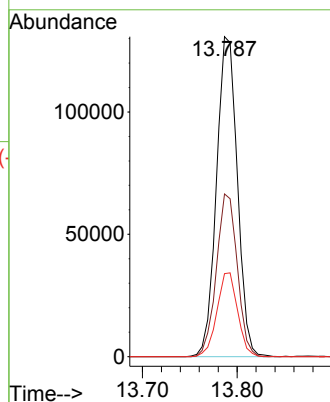
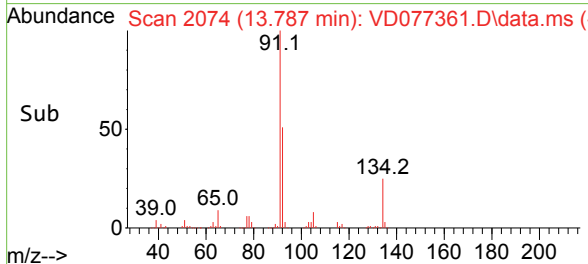
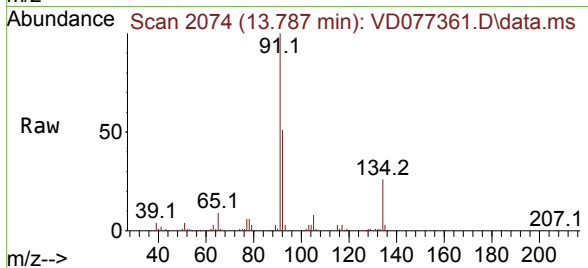
Tgt Ion: 91 Resp: 200470

Ion Ratio Lower Upper

91 100

92 50.8 26.5 79.5

134 26.0 13.8 41.3



#90

Hexachloroethane

Concen: 21.142 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.000 min

Lab File: VD077361.D

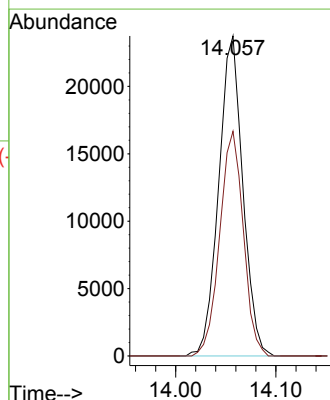
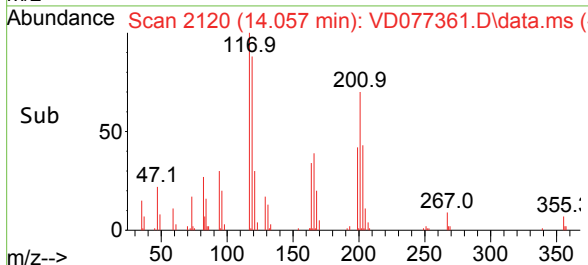
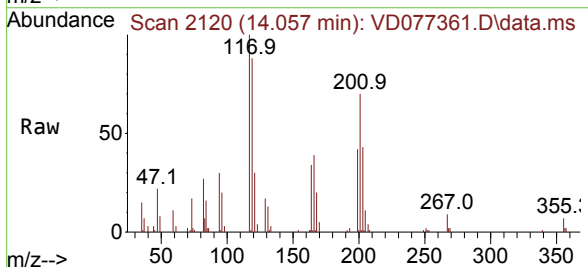
Acq: 20 Oct 2023 12:19

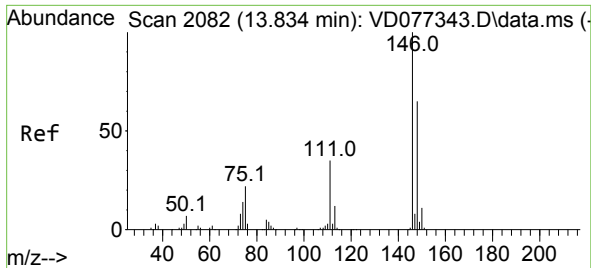
Tgt Ion: 117 Resp: 39694

Ion Ratio Lower Upper

117 100

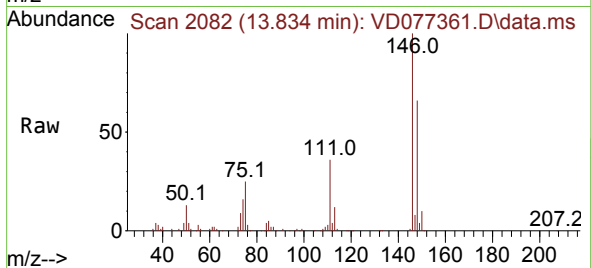
201 68.6 38.5 115.5



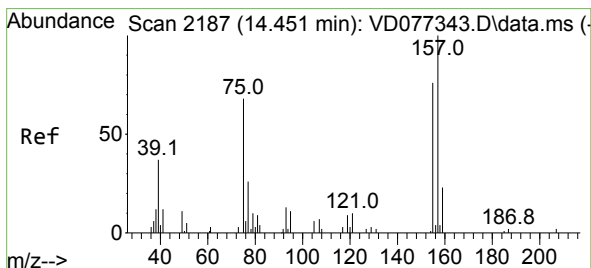
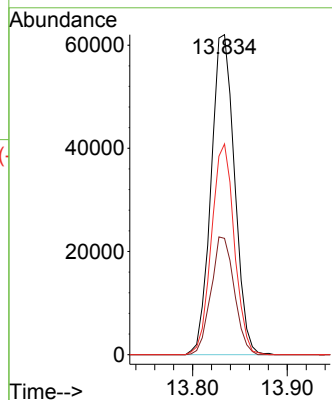
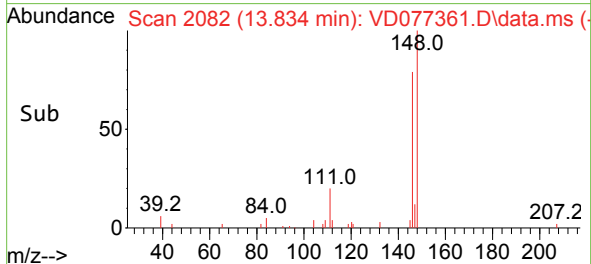


#91
1,2-Dichlorobenzene
Concen: 23.589 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Instrument :
MSVOA_D
ClientSampleId :

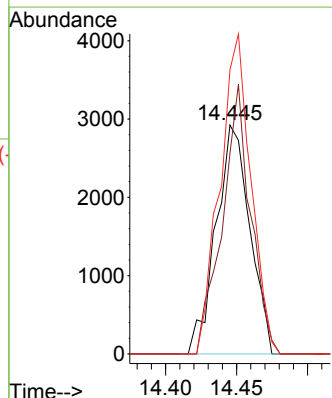
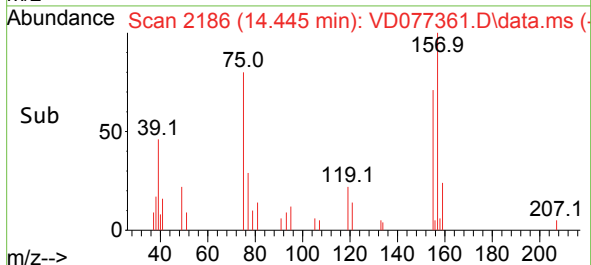
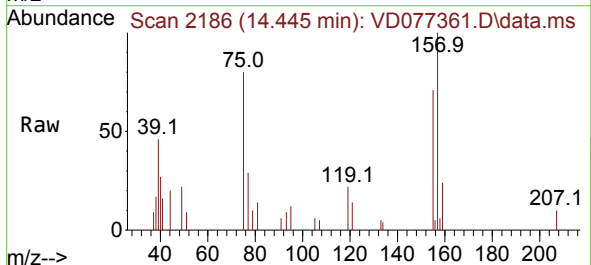


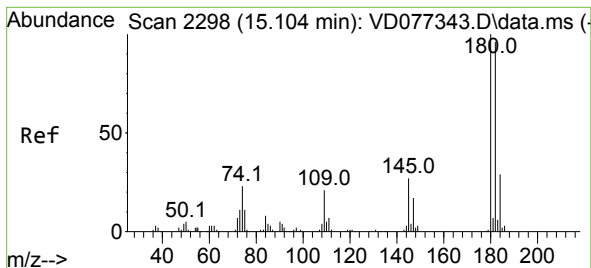
Tgt Ion:146 Resp: 106917
Ion Ratio Lower Upper
146 100
111 36.4 18.3 54.8
148 64.0 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.408 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077361.D
Acq: 20 Oct 2023 12:19

Tgt Ion: 75 Resp: 4840
Ion Ratio Lower Upper
75 100
155 98.7 47.9 143.8
157 128.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 16.797 ug/l

RT: 15.098 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VD077361.D

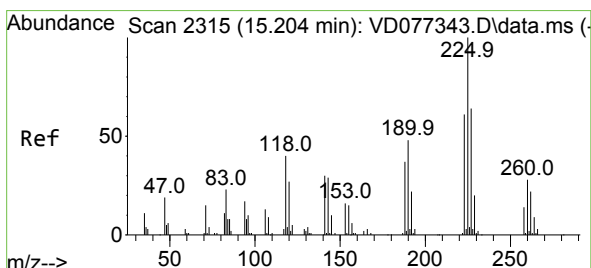
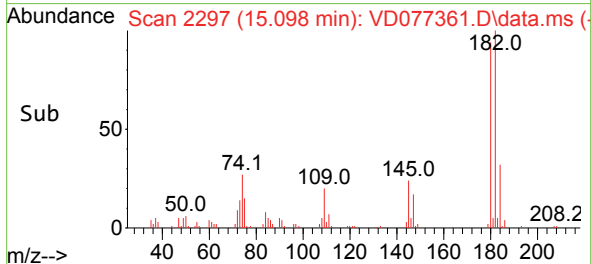
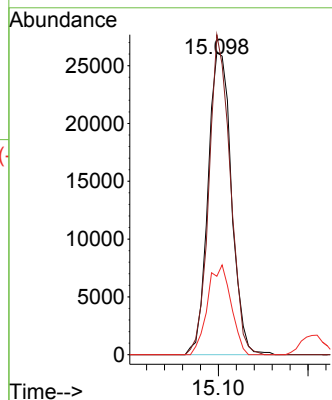
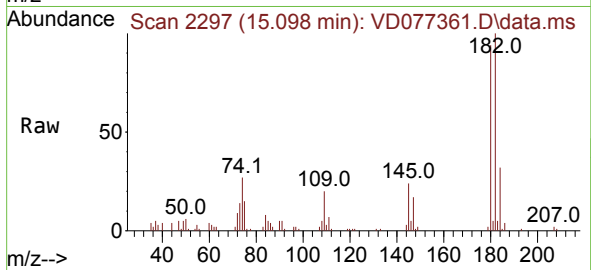
Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:180	Resp:	47434
Ion Ratio	Lower	Upper
180	100	
182	96.3	48.5 145.6
145	29.8	14.2 42.6



#94

Hexachlorobutadiene

Concen: 16.431 ug/l

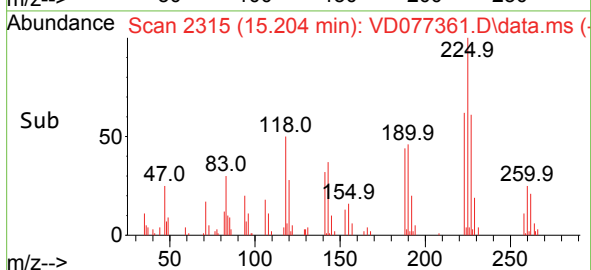
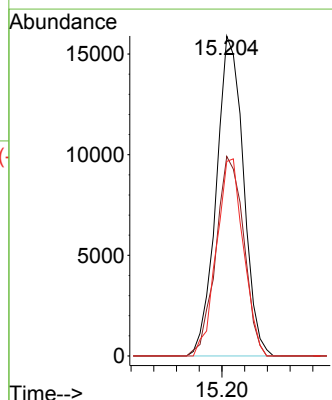
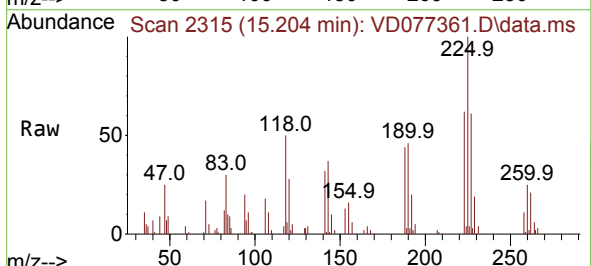
RT: 15.204 min Scan# 2315

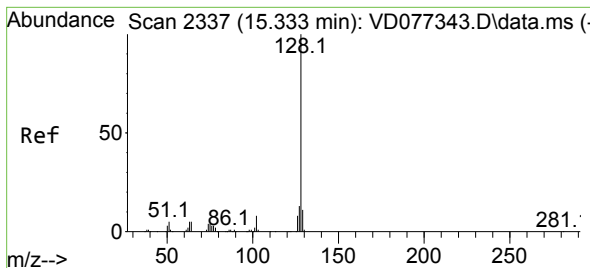
Delta R.T. 0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Tgt Ion:225	Resp:	26352
Ion Ratio	Lower	Upper
225	100	
223	64.3	31.6 94.8
227	61.4	31.7 95.1





#95

Naphthalene

Concen: 17.105 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

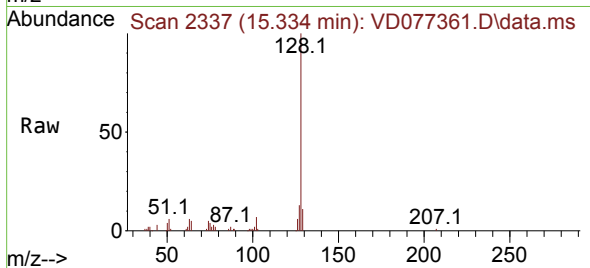
Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :



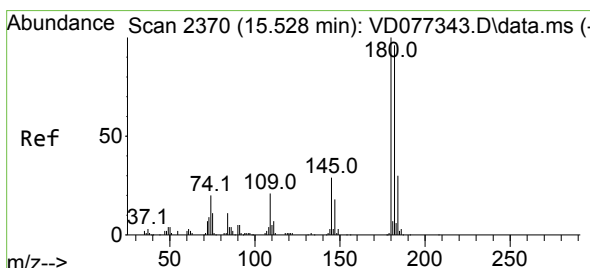
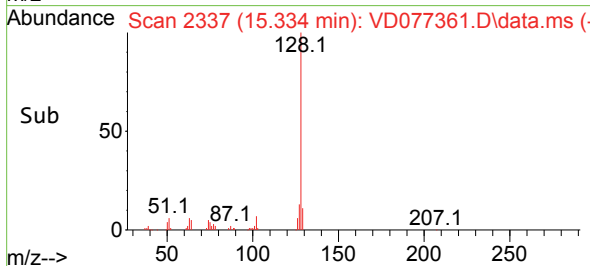
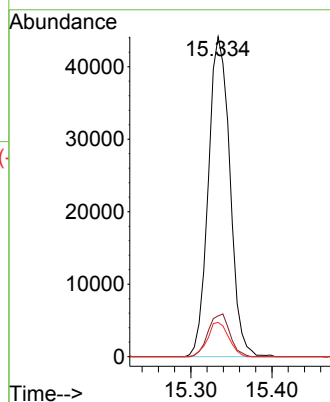
Tgt Ion:128 Resp: 81555

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 16.800 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.000 min

Lab File: VD077361.D

Acq: 20 Oct 2023 12:19

Tgt Ion:180 Resp: 41180

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.9

145 30.6 15.1 45.3

