

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
 Data File : VD077391.D
 Acq On : 24 Oct 2023 13:23
 Operator : JC/SY
 Sample : VD1024SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 25 04:03:46 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	172245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	297623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	285581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	144321	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.234	65	69511	45.194	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.380%
35) Dibromofluoromethane	7.805	113	84059	40.202	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.400%
50) Toluene-d8	10.269	98	302957	40.457	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.920%
62) 4-Bromofluorobenzene	12.575	95	88368	40.995	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	38163	23.832	ug/l	96
3) Chloromethane	2.146	50	76853	23.568	ug/l	99
4) Vinyl Chloride	2.287	62	97845	25.402	ug/l	97
5) Bromomethane	2.687	94	69947	28.258	ug/l	100
6) Chloroethane	2.840	64	64641	23.872	ug/l	98
7) Trichlorofluoromethane	3.175	101	98283	25.152	ug/l	97
8) Diethyl Ether	3.593	74	24360	23.260	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.969	101	43787	21.659	ug/l	99
10) Methyl Iodide	4.164	142	49649	20.071	ug/l #	91
11) Tert butyl alcohol	5.040	59	12303	142.197	ug/l #	89
12) 1,1-Dichloroethene	3.934	96	42486	21.423	ug/l	91
13) Acrolein	3.799	56	15867	105.645	ug/l	88
14) Allyl chloride	4.564	41	42838	22.766	ug/l	98
15) Acrylonitrile	5.252	53	41111	129.533	ug/l	98
16) Acetone	4.016	43	37556	111.351	ug/l #	84
17) Carbon Disulfide	4.275	76	128701	22.076	ug/l	97
18) Methyl Acetate	4.564	43	26893	22.911	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	83193	24.628	ug/l	96
20) Methylene Chloride	4.799	84	66343	30.654	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	48759	23.638	ug/l	97
22) Diisopropyl ether	6.216	45	101728	27.540	ug/l	95
23) Vinyl Acetate	6.158	43	192188	111.023	ug/l	96
24) 1,1-Dichloroethane	6.110	63	79320	25.827	ug/l	95
25) 2-Butanone	7.081	43	46984	134.292	ug/l #	86
26) 2,2-Dichloropropane	7.081	77	71256	25.446	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	55069	23.810	ug/l	98
28) Bromochloromethane	7.428	49	30488	27.176	ug/l	92
29) Tetrahydrofuran	7.452	42	25875	128.208	ug/l	98
30) Chloroform	7.599	83	89385	25.367	ug/l	93
31) Cyclohexane	7.881	56	58932	24.627	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	76382	25.126	ug/l	97
36) 1,1-Dichloropropene	8.010	75	64137	23.344	ug/l	98
37) Ethyl Acetate	7.169	43	18873	21.869	ug/l	97
38) Carbon Tetrachloride	7.993	117	68656	22.463	ug/l	96
39) Methylcyclohexane	9.275	83	69520	20.824	ug/l	93
40) Benzene	8.252	78	196110	23.521	ug/l	99

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Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 25 04:03:46 2023
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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)
41) Methacrylonitrile	7.405	41	10373	25.185	ug/l #	89
42) 1,2-Dichloroethane	8.328	62	49224	25.065	ug/l	98
43) Isopropyl Acetate	8.369	43	36210	23.306	ug/l	97
44) Trichloroethene	9.028	130	52188	21.409	ug/l	92
45) 1,2-Dichloropropane	9.304	63	47552	24.741	ug/l	100
46) Dibromomethane	9.393	93	26847	22.343	ug/l	92
47) Bromodichloromethane	9.587	83	66304	23.142	ug/l	99
48) Methyl methacrylate	9.381	41	16459	23.418	ug/l	91
49) 1,4-Dioxane	9.393	88	4866	433.932	ug/l #	94
51) 4-Methyl-2-Pentanone	10.157	43	97203	124.808	ug/l	94
52) Toluene	10.334	92	125761	23.102	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	59477	23.126	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	73420	23.333	ug/l	93
55) 1,1,2-Trichloroethane	10.734	97	39688	23.848	ug/l	95
56) Ethyl methacrylate	10.598	69	35162	22.108	ug/l	97
57) 1,3-Dichloropropane	10.881	76	62307	24.373	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	74106	94.219	ug/l	96
59) 2-Hexanone	10.922	43	69746	124.689	ug/l	92
60) Dibromochloromethane	11.075	129	46746	21.998	ug/l	96
61) 1,2-Dibromoethane	11.181	107	36318	23.159	ug/l	99
64) Tetrachloroethene	10.810	164	42708	20.120	ug/l	92
65) Chlorobenzene	11.604	112	136459	21.922	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	49191	20.789	ug/l	98
67) Ethyl Benzene	11.687	91	220604	21.379	ug/l	95
68) m/p-Xylenes	11.793	106	184269	43.487	ug/l	97
69) o-Xylene	12.122	106	79471	20.373	ug/l	92
70) Styrene	12.134	104	142031	21.342	ug/l	98
71) Bromoform	12.298	173	26785	20.650	ug/l #	96
73) Isopropylbenzene	12.422	105	210702	22.072	ug/l	97
74) N-amyl acetate	12.234	43	34147	24.865	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	42295	24.382	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	50001	26.861	ug/l #	100
77) Bromobenzene	12.698	156	52039	20.764	ug/l	93
78) n-propylbenzene	12.763	91	271060	23.578	ug/l	98
79) 2-Chlorotoluene	12.851	91	145855	23.292	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	177714	22.560	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	12999	24.135	ug/l	96
82) 4-Chlorotoluene	12.945	91	158231	24.271	ug/l	97
83) tert-Butylbenzene	13.169	119	152256	21.800	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	180024	22.698	ug/l	99
85) sec-Butylbenzene	13.345	105	236012	22.457	ug/l	96
86) p-Isopropyltoluene	13.463	119	195553	21.418	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	113290	21.480	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	113982	21.809	ug/l	98
89) n-Butylbenzene	13.787	91	197872	24.889	ug/l	97
90) Hexachloroethane	14.051	117	52830	28.625	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	108340	24.317	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.439	75	6067	28.575	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	53775	19.372	ug/l	97
94) Hexachlorobutadiene	15.210	225	32037	20.321	ug/l	97
95) Naphthalene	15.334	128	91202	19.459	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	48299	20.046	ug/l	99

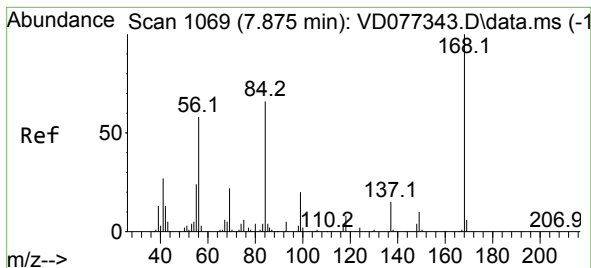
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 18 03:02:43 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Instrument :

MSVOA_D

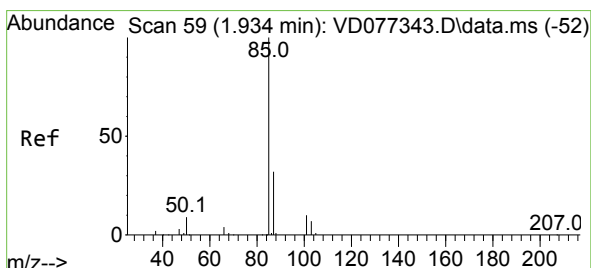
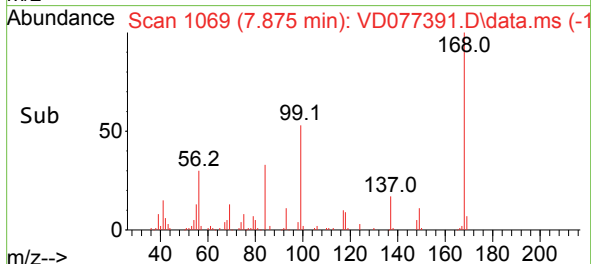
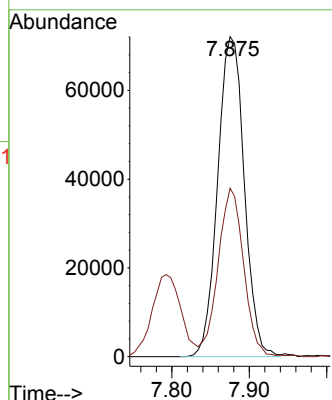
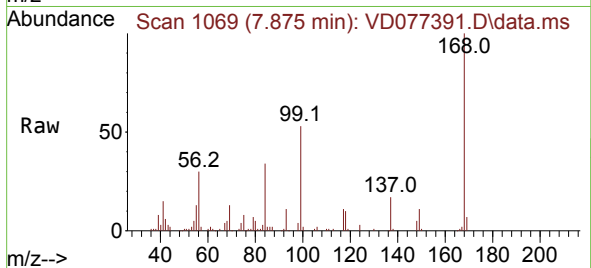
ClientSampleId :

Tgt Ion:168 Resp: 172245

Ion Ratio Lower Upper

168 100

99 52.2 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 23.832 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077391.D

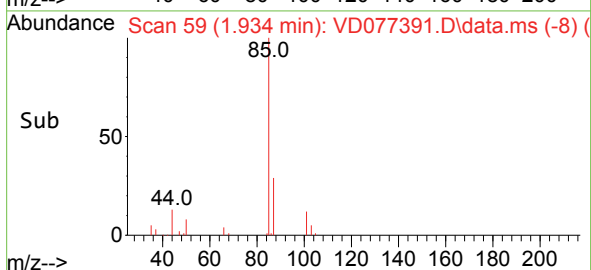
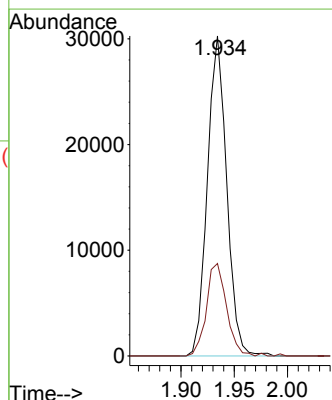
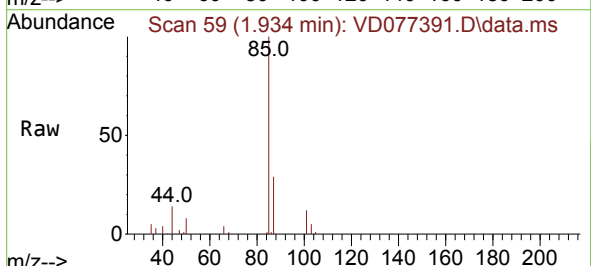
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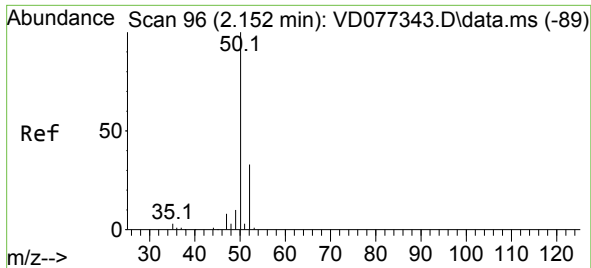
Tgt Ion: 85 Resp: 38163

Ion Ratio Lower Upper

85 100

87 28.9 15.7 47.0

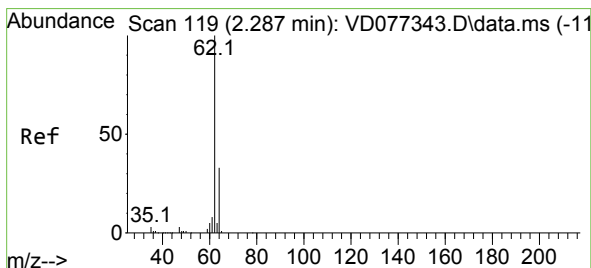
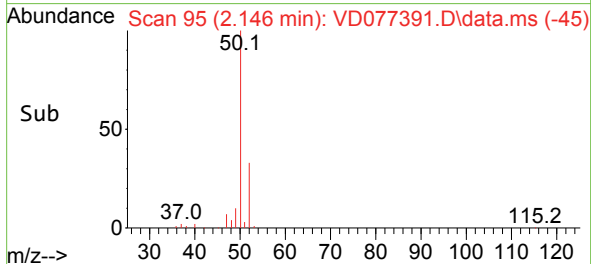
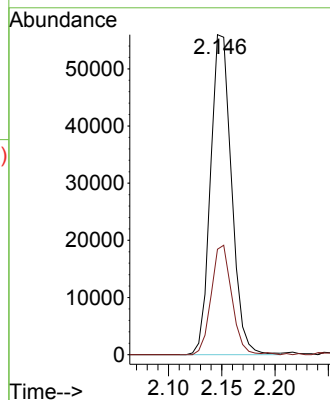
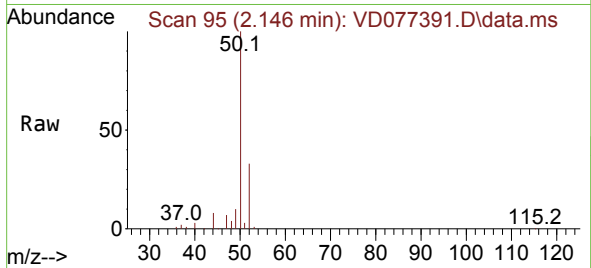




#3
Chloromethane
Concen: 23.568 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

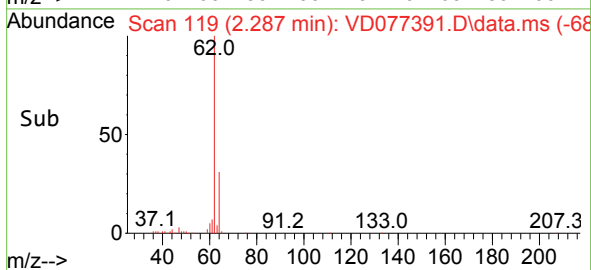
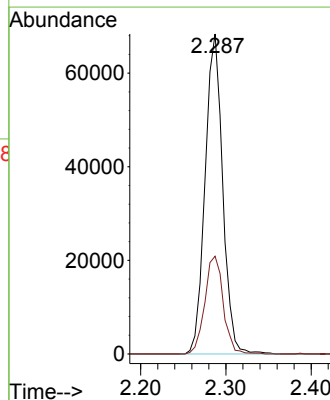
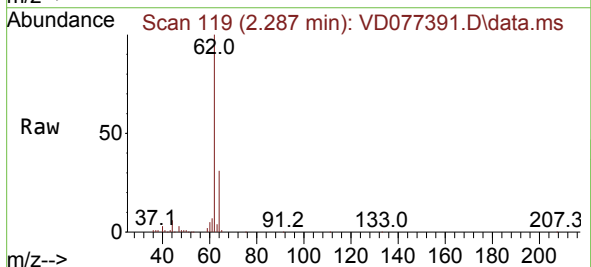
Instrument :
MSVOA_D
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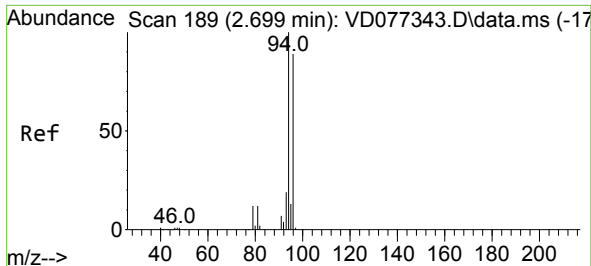
Tgt Ion: 50 Resp: 76853
Ion Ratio Lower Upper
50 100
52 32.9 26.6 40.0



#4
Vinyl Chloride
Concen: 25.402 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 62 Resp: 97845
Ion Ratio Lower Upper
62 100
64 30.5 26.0 39.0

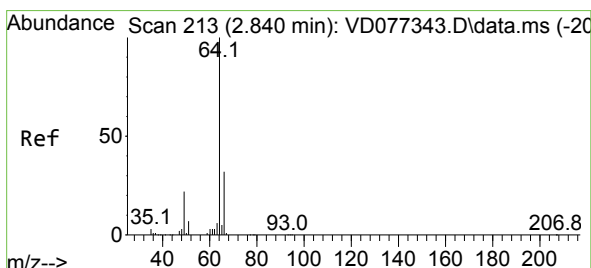
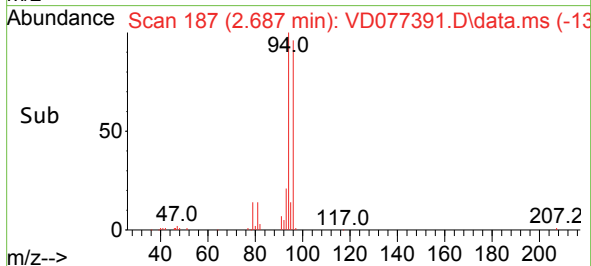
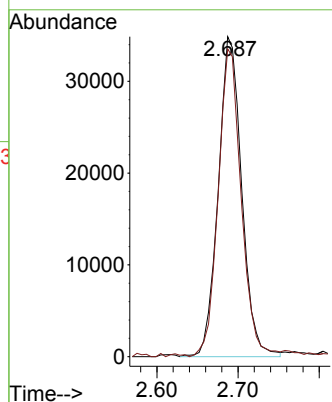
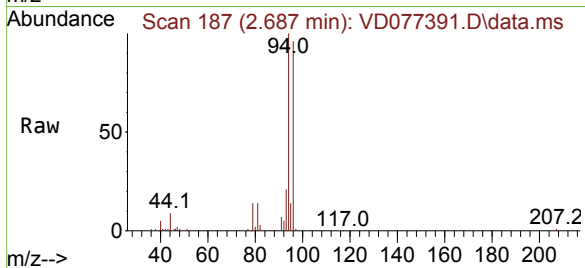




#5
Bromomethane
Concen: 28.258 ug/l
RT: 2.687 min Scan# 189
Delta R.T. -0.012 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

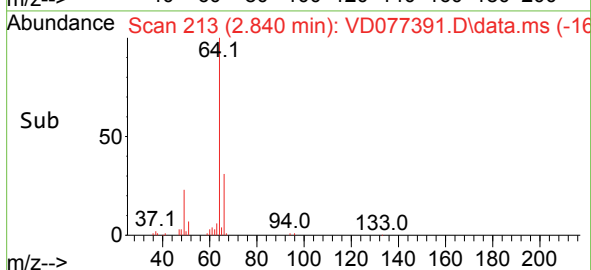
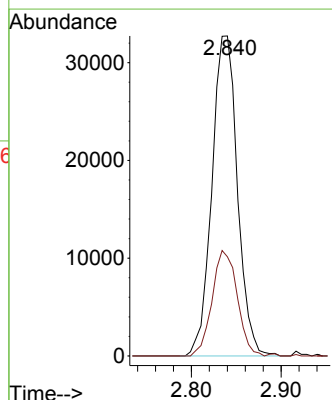
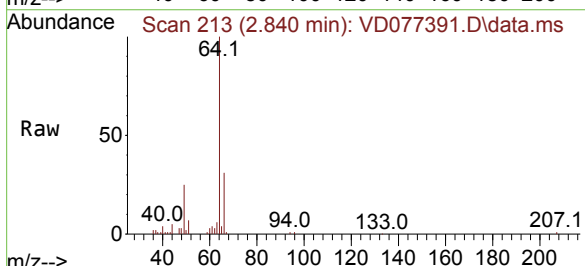
Instrument :
MSVOA_D
ClientSampleId :

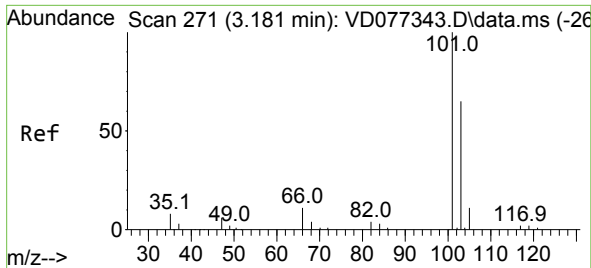
Tgt Ion: 94 Resp: 69947
Ion Ratio Lower Upper
94 100
96 94.3 75.8 113.8



#6
Chloroethane
Concen: 23.872 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 64 Resp: 64641
Ion Ratio Lower Upper
64 100
66 31.0 25.5 38.3

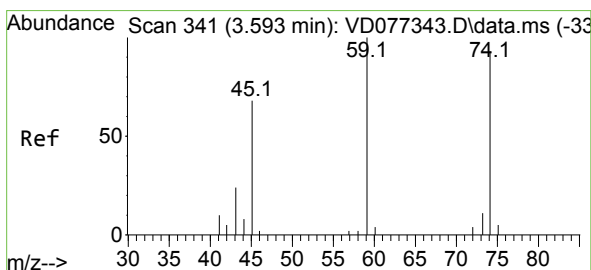
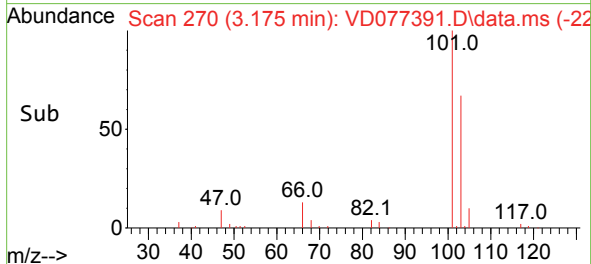
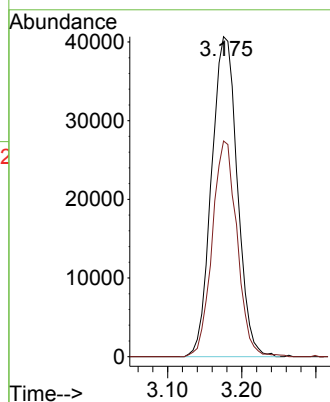
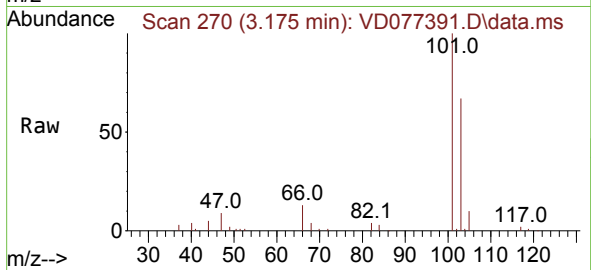




#7
 Trichlorofluoromethane
 Concen: 25.152 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD077391.D
 Acq: 24 Oct 2023 13:23

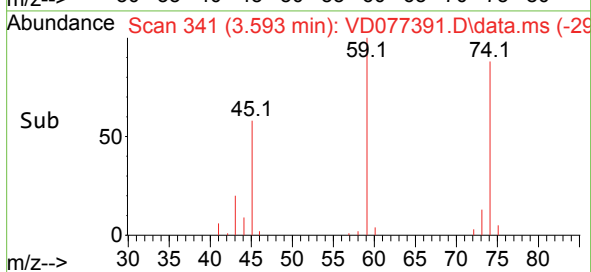
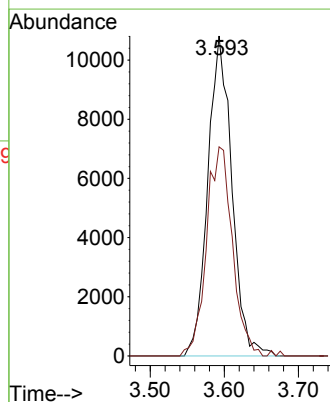
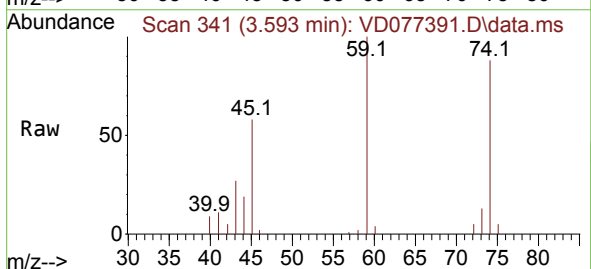
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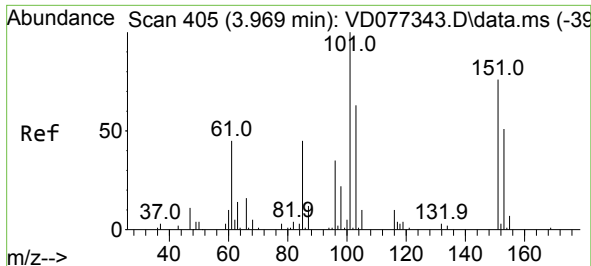
Tgt Ion:101 Resp: 98283
 Ion Ratio Lower Upper
 101 100
 103 67.4 52.3 78.5



#8
 Diethyl Ether
 Concen: 23.260 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD077391.D
 Acq: 24 Oct 2023 13:23

Tgt Ion: 74 Resp: 24360
 Ion Ratio Lower Upper
 74 100
 45 70.3 37.5 112.7

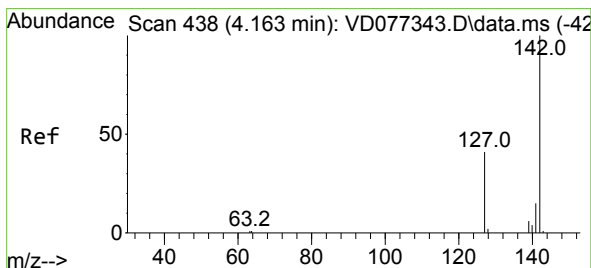
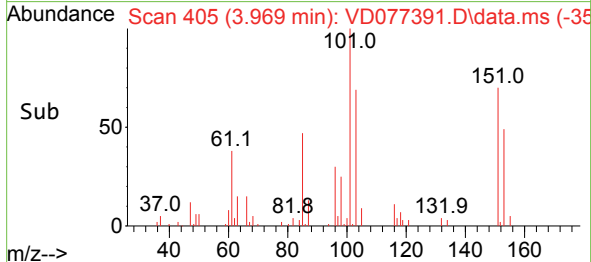
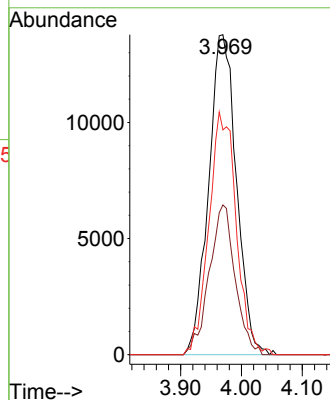
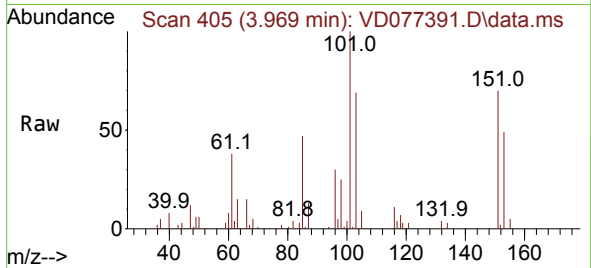




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.659 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

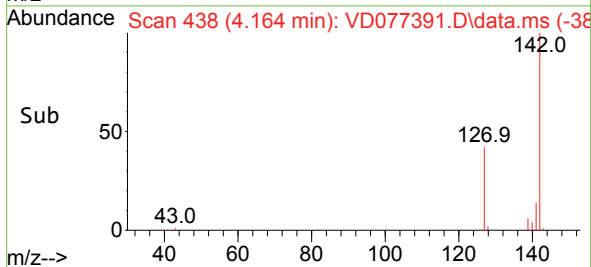
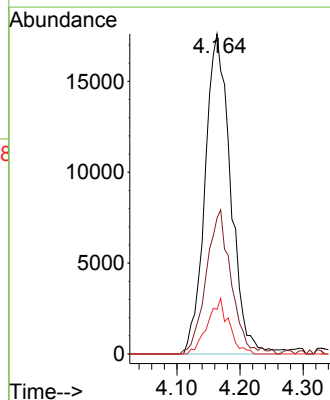
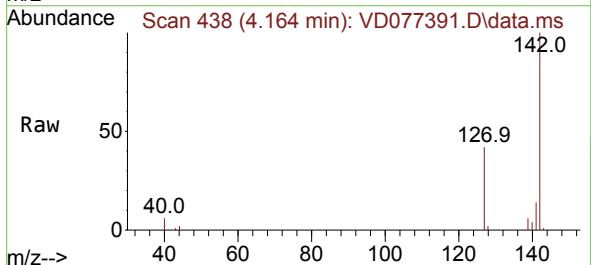
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MSVOA_D
ClientSampleId :

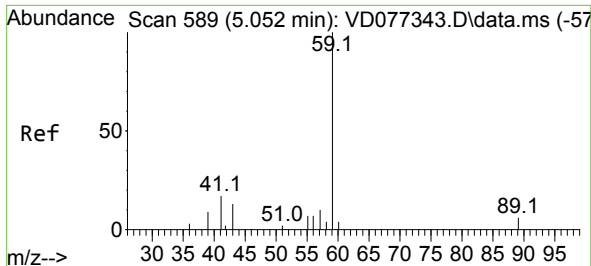
Tgt Ion:101 Resp: 43787
Ion Ratio Lower Upper
101 100
85 43.5 33.8 50.6
151 74.4 59.8 89.6



#10
Methyl Iodide
Concen: 20.071 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.001 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion:142 Resp: 49649
Ion Ratio Lower Upper
142 100
127 44.1 29.4 44.0#
141 14.5 11.1 16.7

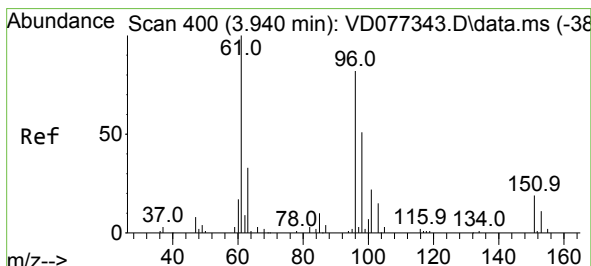
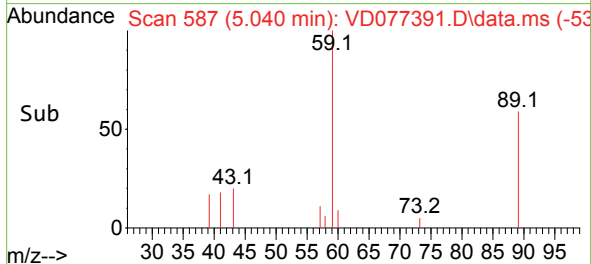
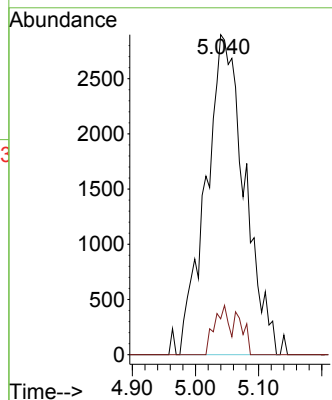
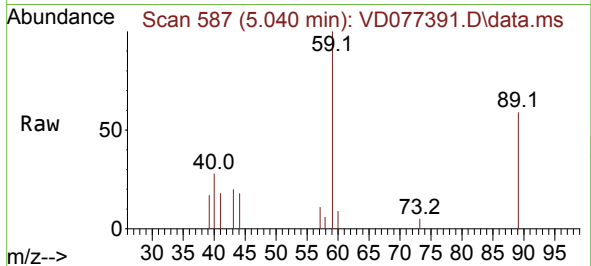




#11
Tert butyl alcohol
Concen: 142.197 ug/l
RT: 5.040 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

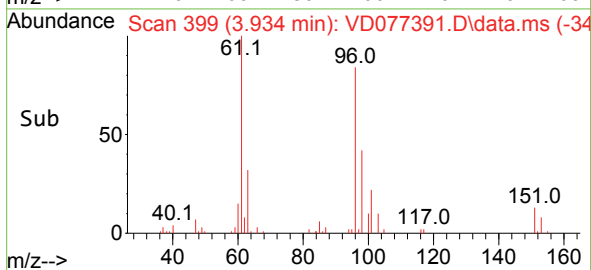
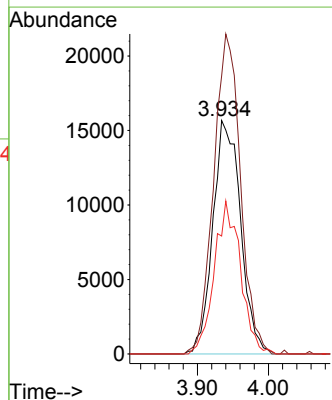
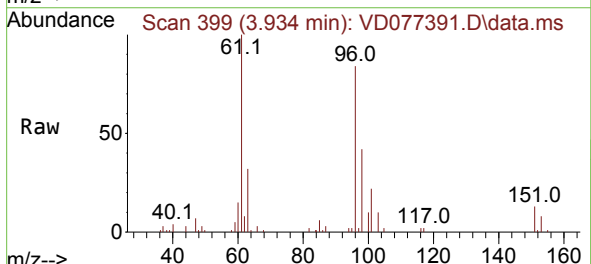
Instrument :
MSVOA_D
ClientSampleId :

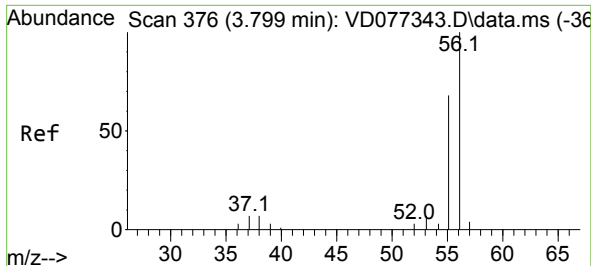
Tgt Ion: 59 Resp: 12303
Ion Ratio Lower Upper
59 100
57 5.8 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 21.423 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 96 Resp: 42486
Ion Ratio Lower Upper
96 100
61 119.1 100.6 150.8
98 50.5 50.2 75.2





#13

Acrolein

Concen: 105.645 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Instrument :

MSVOA_D

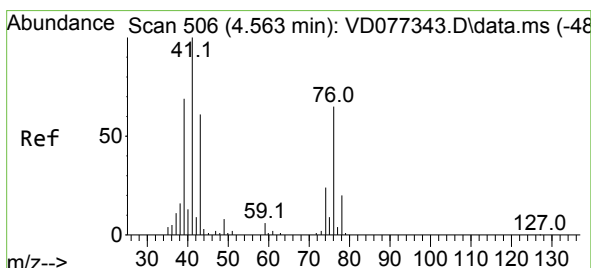
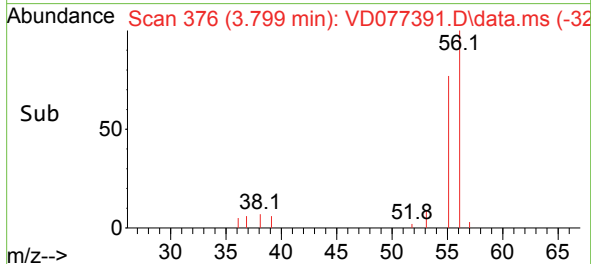
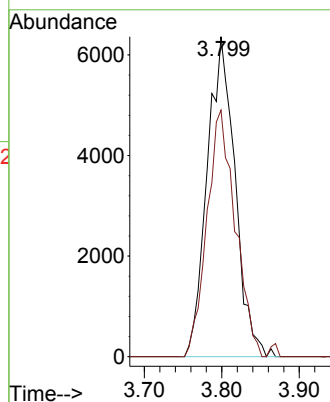
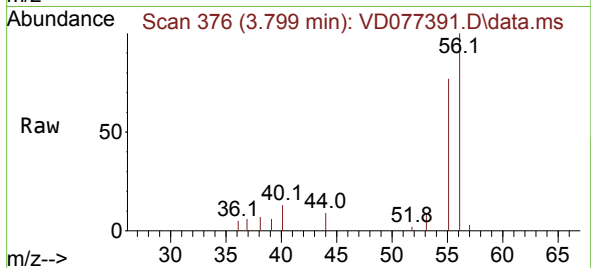
ClientSampleId :

Tgt Ion: 56 Resp: 15867

Ion Ratio Lower Upper

56 100

55 78.5 55.1 82.7



#14

Allyl chloride

Concen: 22.766 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.001 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

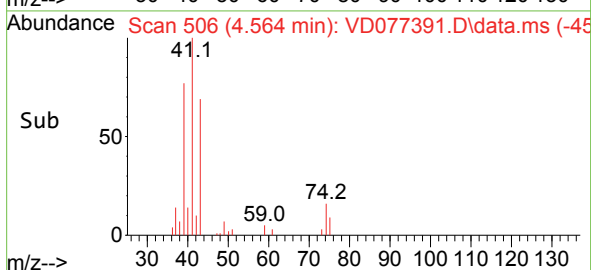
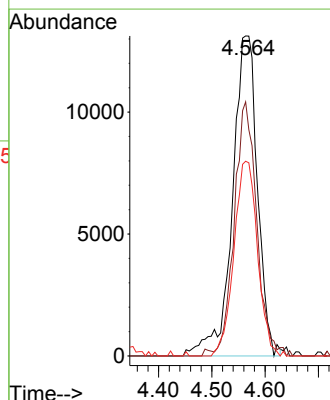
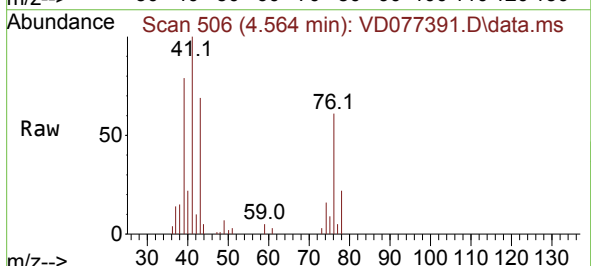
Tgt Ion: 41 Resp: 42838

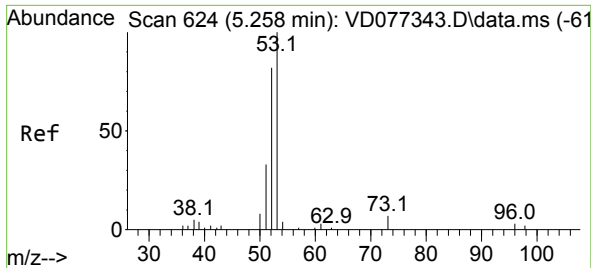
Ion Ratio Lower Upper

41 100

39 70.7 53.8 80.6

76 57.4 45.8 68.8

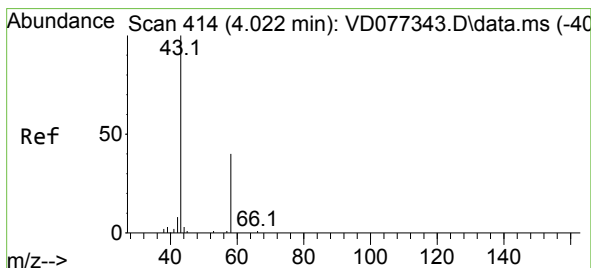
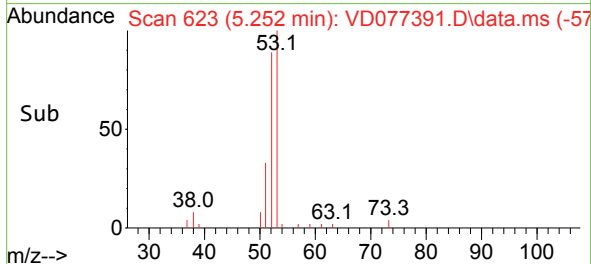
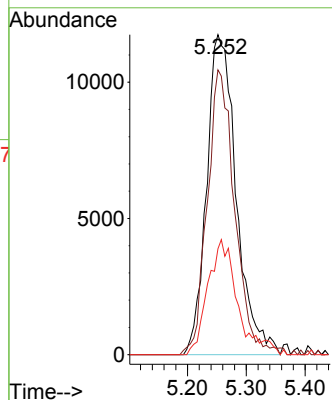
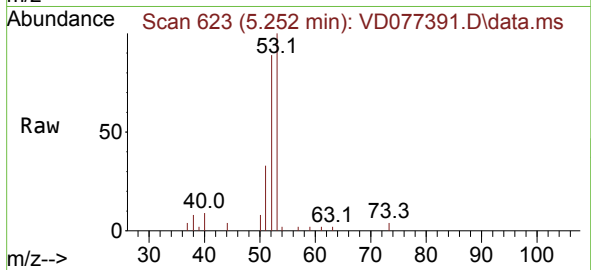




#15
Acrylonitrile
Concen: 129.533 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

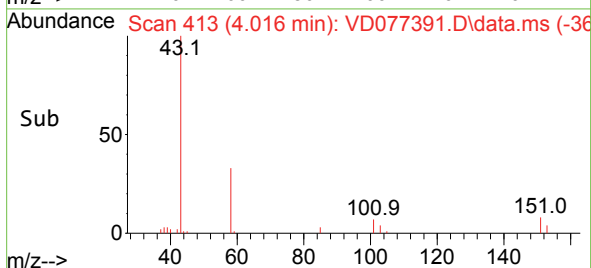
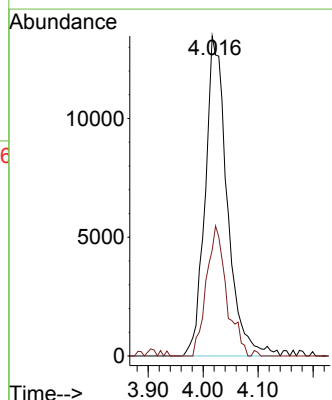
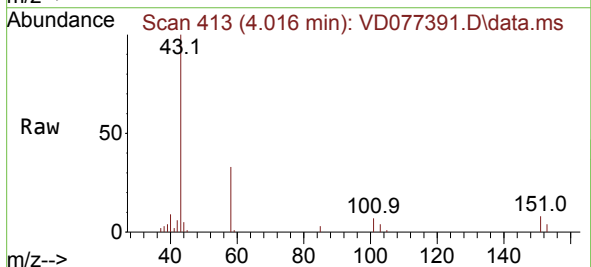
Instrument :
MSVOA_D
ClientSampleId :

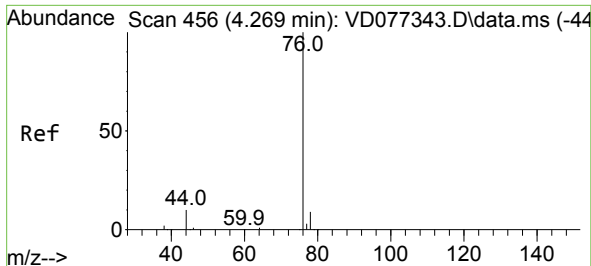
Tgt Ion: 53 Resp: 41111
Ion Ratio Lower Upper
53 100
52 82.7 65.0 97.4
51 36.2 28.3 42.5



#16
Acetone
Concen: 111.351 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 43 Resp: 37556
Ion Ratio Lower Upper
43 100
58 33.1 34.7 52.1#

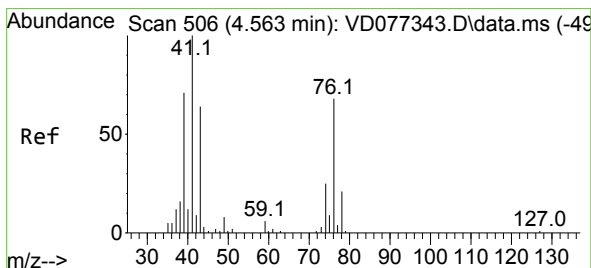
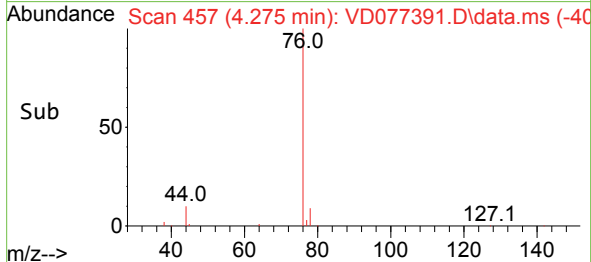
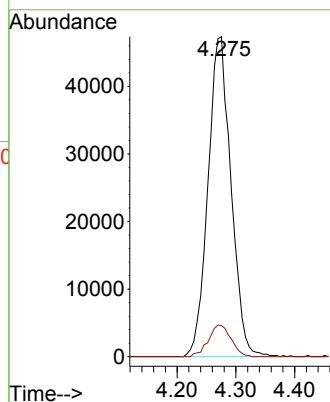
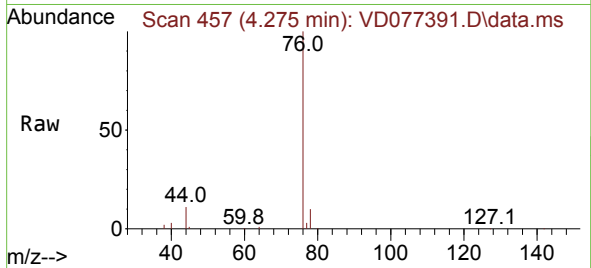




#17
Carbon Disulfide
Concen: 22.076 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

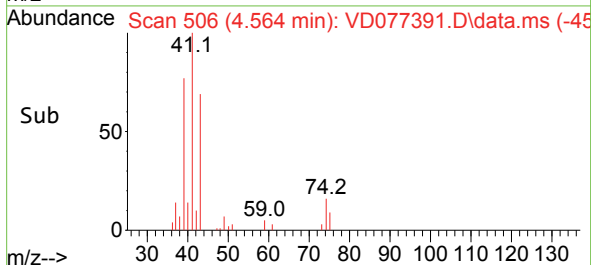
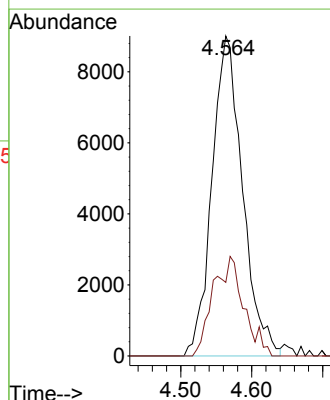
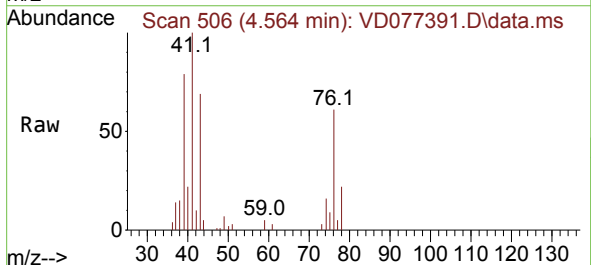
Instrument :
MSVOA_D
ClientSampleId :

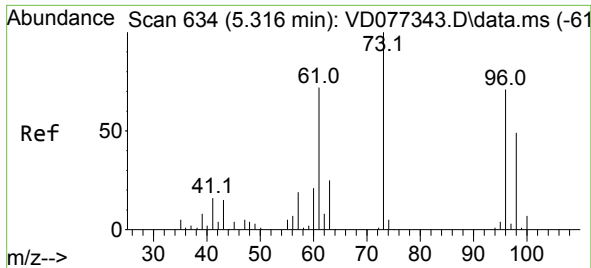
Tgt Ion: 76 Resp: 128701
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2



#18
Methyl Acetate
Concen: 22.911 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 43 Resp: 26893
Ion Ratio Lower Upper
43 100
74 31.3 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 24.628 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Instrument :

MSVOA_D

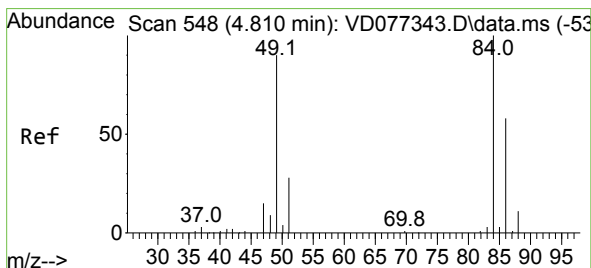
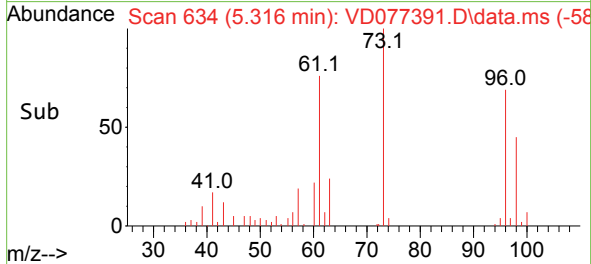
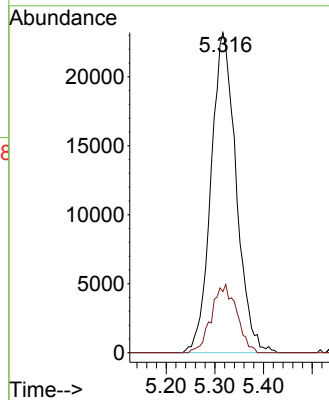
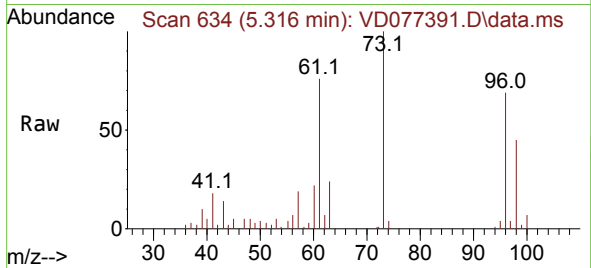
ClientSampleId :

Tgt Ion: 73 Resp: 83193

Ion Ratio Lower Upper

73 100

57 19.1 16.6 25.0



#20

Methylene Chloride

Concen: 30.654 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.011 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Tgt Ion: 84 Resp: 66343

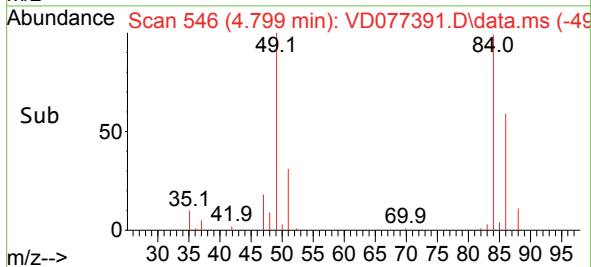
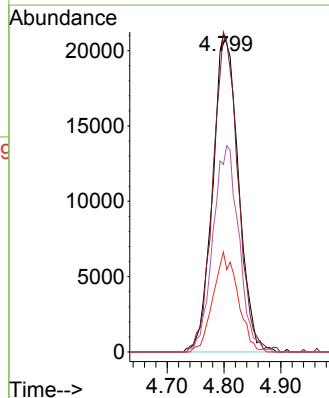
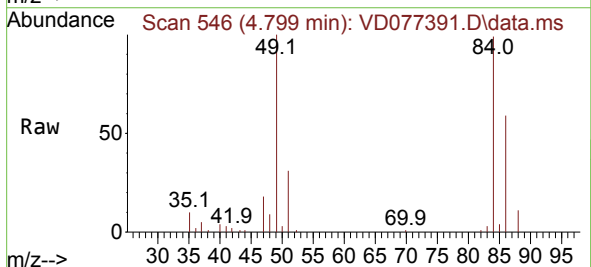
Ion Ratio Lower Upper

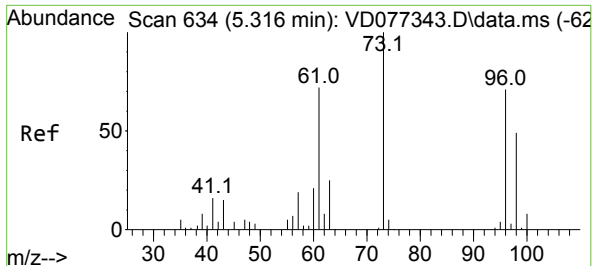
84 100

49 100.7 71.4 107.2

51 31.5 24.5 36.7

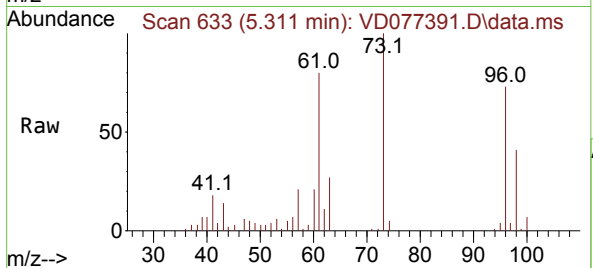
86 59.0 48.7 73.1



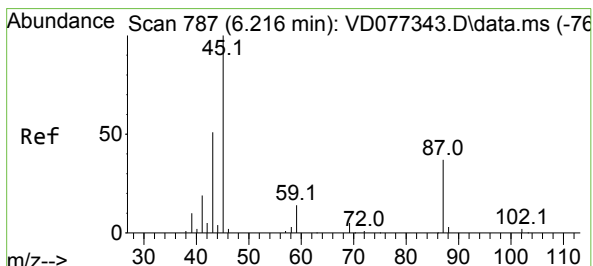
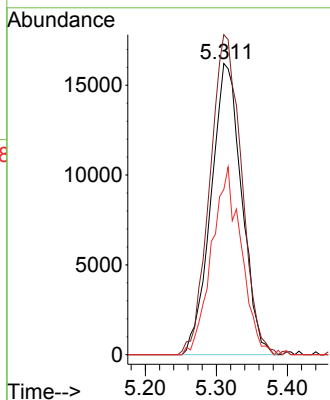
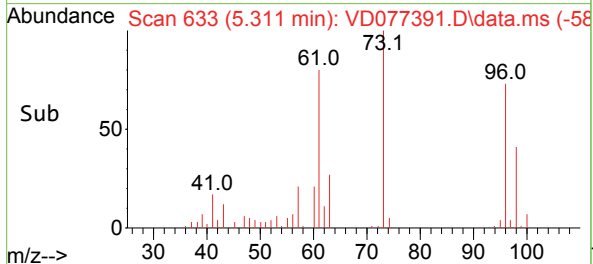


#21
trans-1,2-Dichloroethene
Concen: 23.638 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :

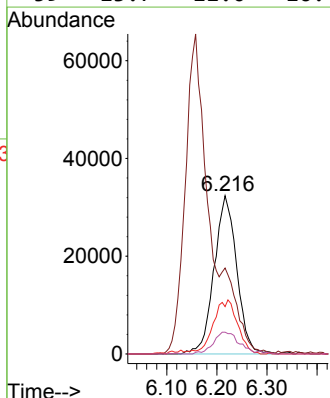
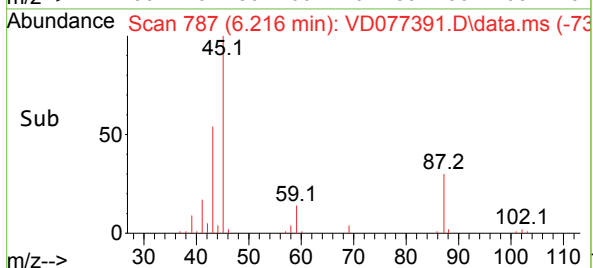
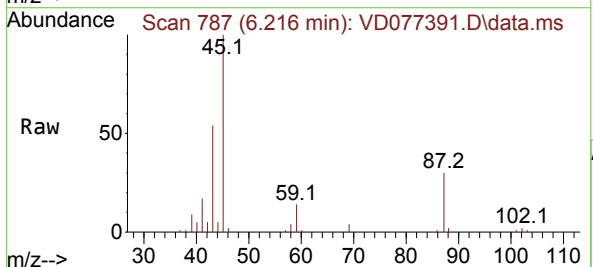


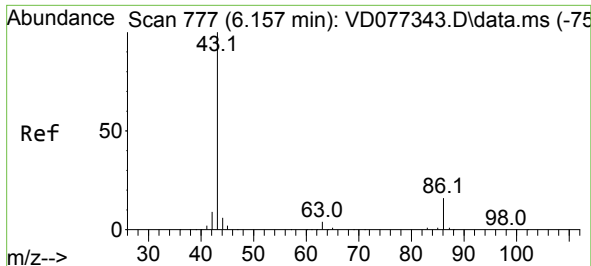
Tgt Ion: 96 Resp: 48759
Ion Ratio Lower Upper
96 100
61 109.9 89.3 133.9
98 56.7 48.6 73.0



#22
Diisopropyl ether
Concen: 27.540 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 45 Resp: 101728
Ion Ratio Lower Upper
45 100
43 52.5 40.0 60.0
87 29.9 28.2 42.4
59 13.7 11.0 16.4

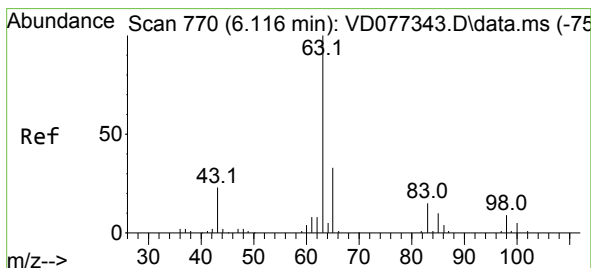
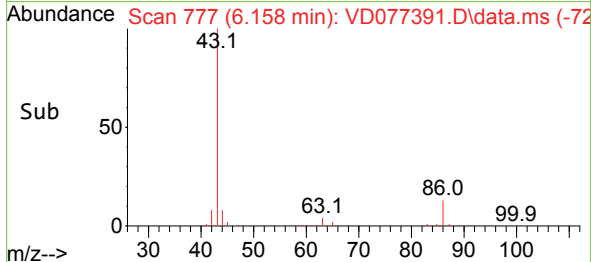
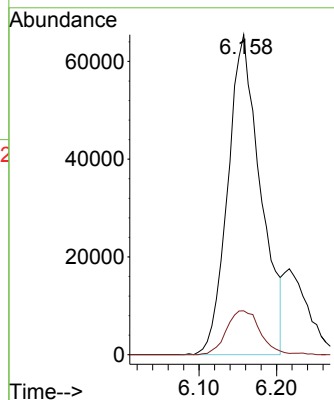
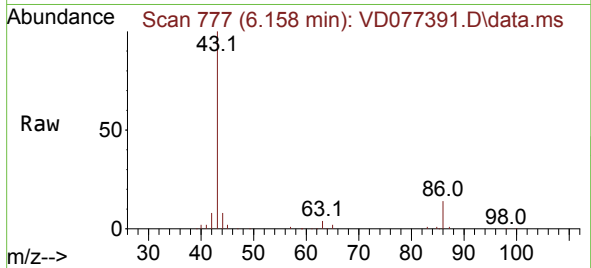




#23
 Vinyl Acetate
 Concen: 111.023 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. 0.001 min
 Lab File: VD077391.D
 Acq: 24 Oct 2023 13:23

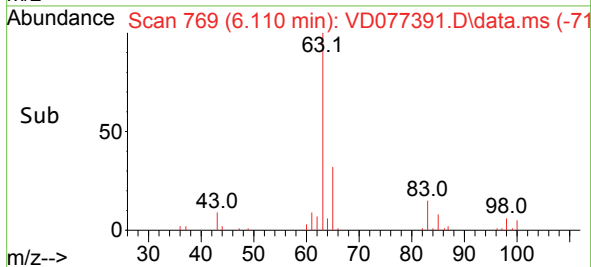
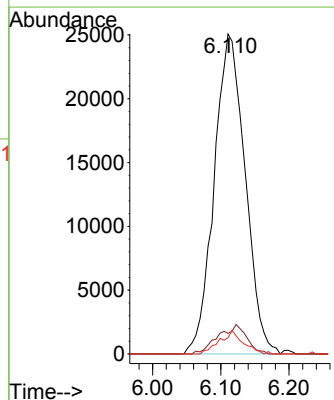
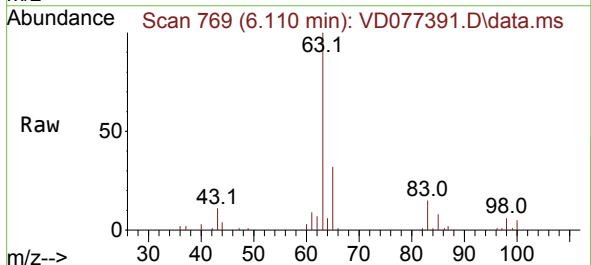
Instrument :
 MSVOA_D
 ClientSampleId :

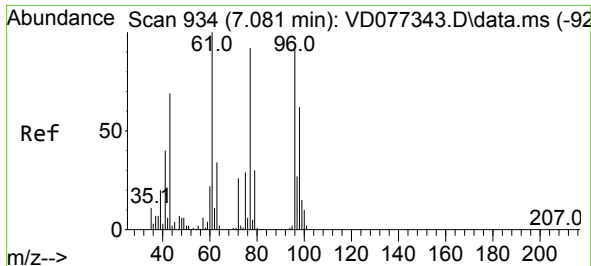
Tgt Ion: 43 Resp: 192188
 Ion Ratio Lower Upper
 43 100
 86 13.7 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 25.827 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD077391.D
 Acq: 24 Oct 2023 13:23

Tgt Ion: 63 Resp: 79320
 Ion Ratio Lower Upper
 63 100
 98 6.4 4.5 13.7
 100 5.1 2.5 7.5

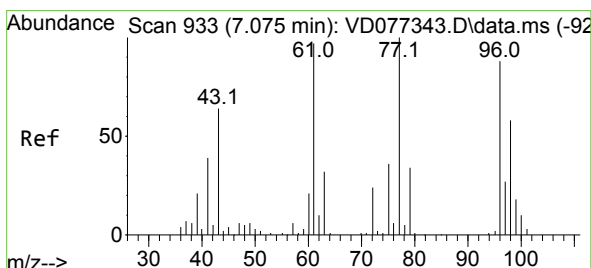
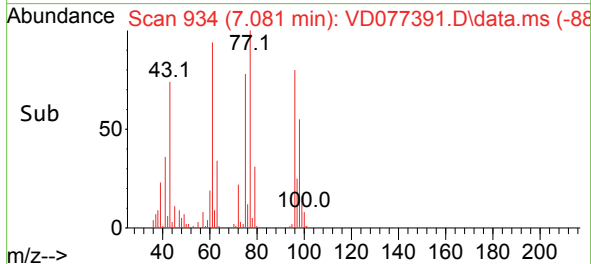
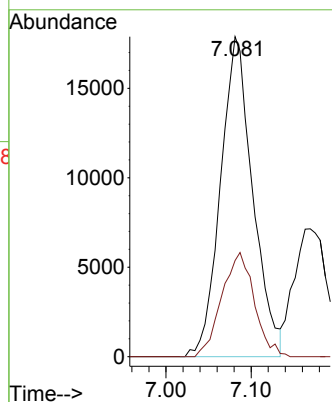
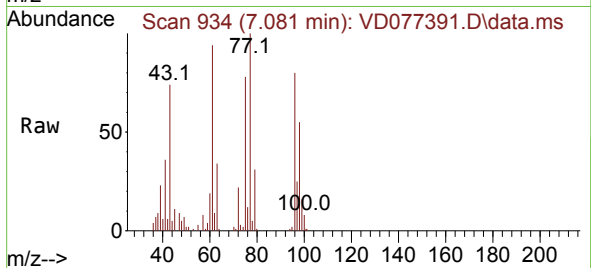




#25
2-Butanone
Concen: 134.292 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

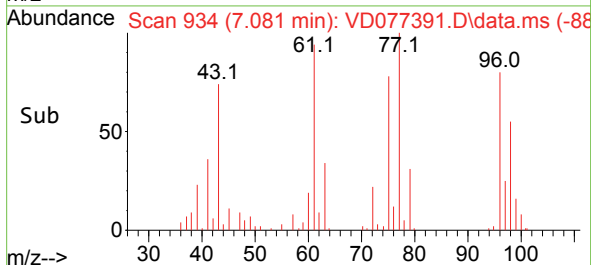
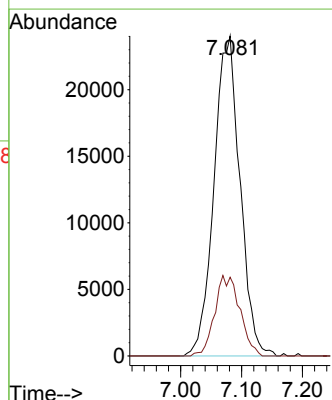
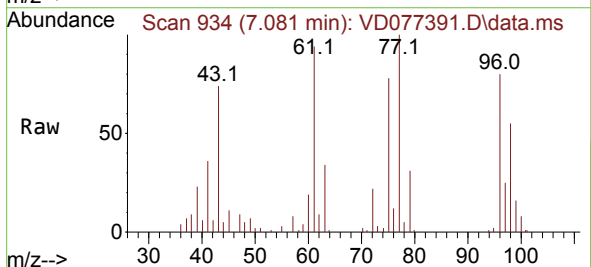
Instrument :
MSVOA_D
ClientSampleId :

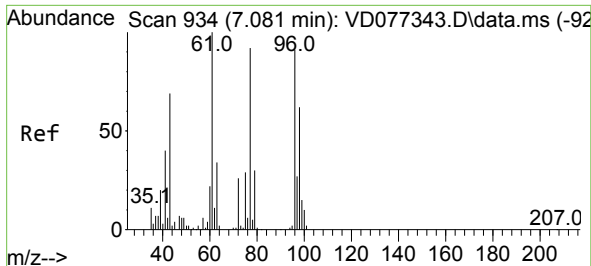
Tgt Ion: 43 Resp: 46984
Ion Ratio Lower Upper
43 100
72 30.1 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 25.446 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 77 Resp: 71256
Ion Ratio Lower Upper
77 100
97 24.3 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 23.810 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

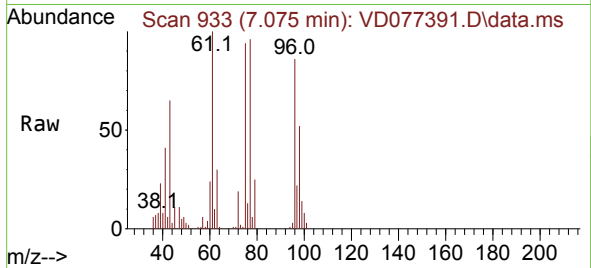
Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Instrument :

MSVOA_D

ClientSampleId :



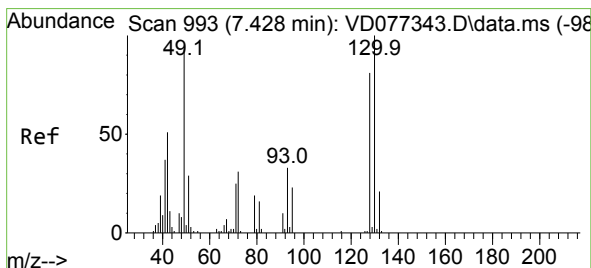
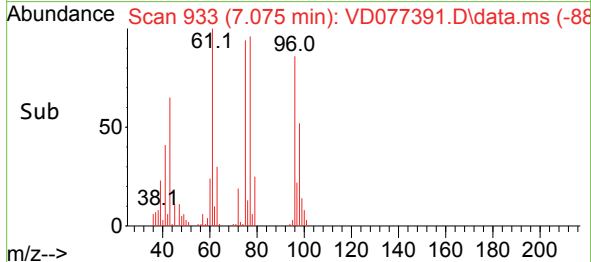
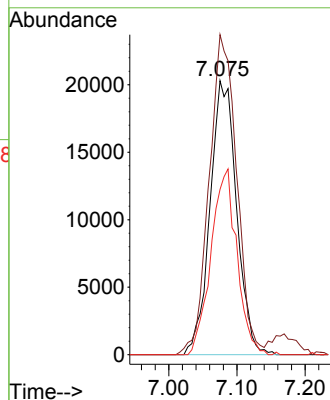
Tgt Ion: 96 Resp: 55069

Ion Ratio Lower Upper

96 100

61 120.9 0.0 239.2

98 66.1 0.0 128.6



#28

Bromochloromethane

Concen: 27.176 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

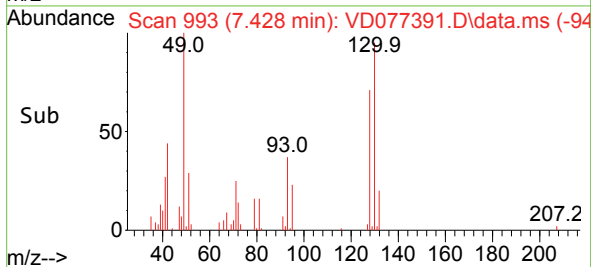
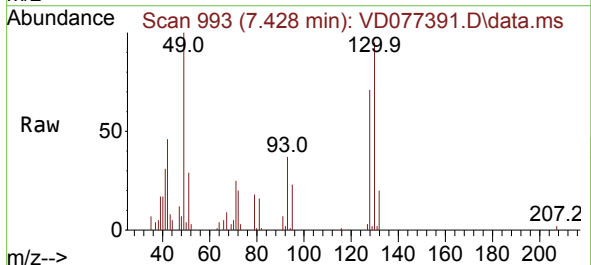
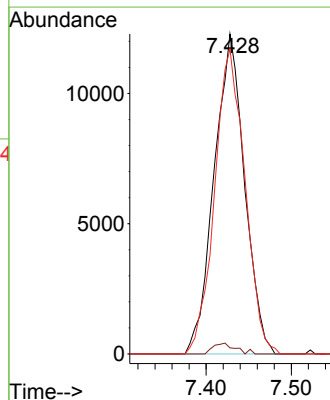
Tgt Ion: 49 Resp: 30488

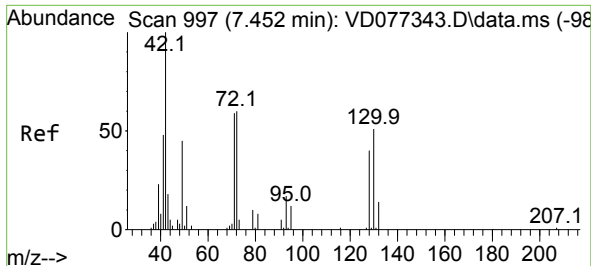
Ion Ratio Lower Upper

49 100

129 2.5 0.0 6.0

130 95.2 83.2 124.8





#29

Tetrahydrofuran

Concen: 128.208 ug/l

RT: 7.452 min Scan# 997

Delta R.T. -0.000 min

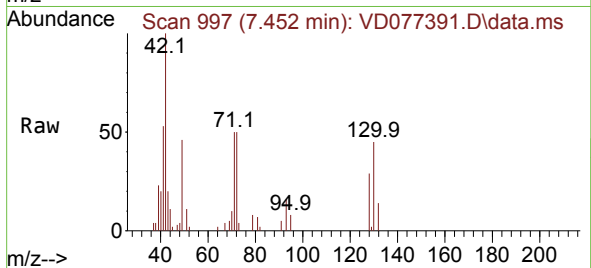
Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Instrument :

MSVOA_D

ClientSampleId :



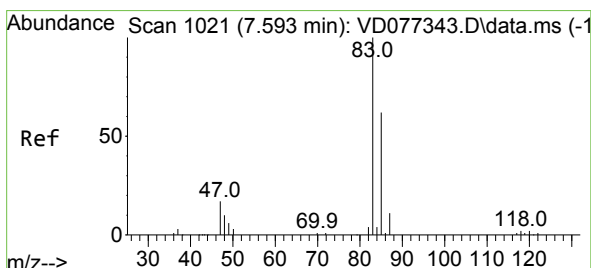
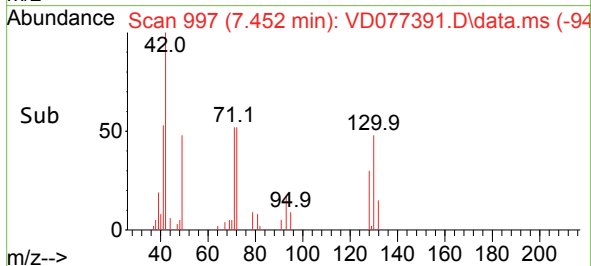
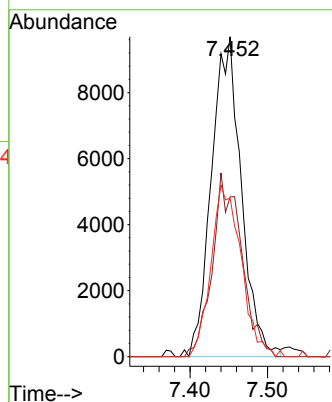
Tgt Ion: 42 Resp: 25875

Ion Ratio Lower Upper

42 100

72 56.0 46.5 69.7

71 54.4 44.5 66.7



#30

Chloroform

Concen: 25.367 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD077391.D

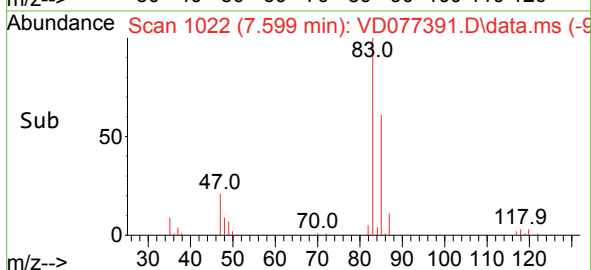
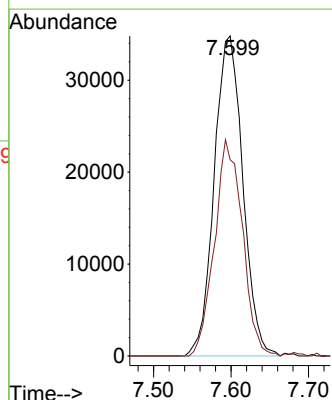
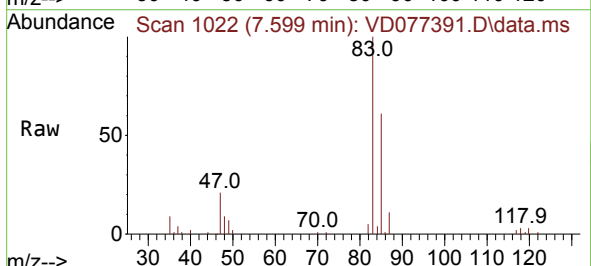
Acq: 24 Oct 2023 13:23

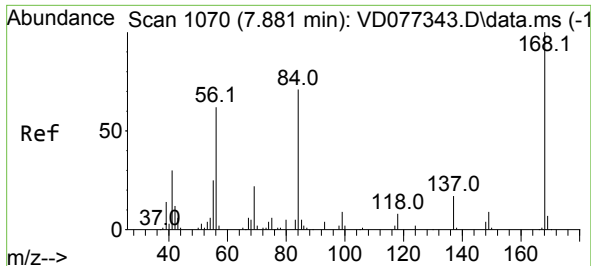
Tgt Ion: 83 Resp: 89385

Ion Ratio Lower Upper

83 100

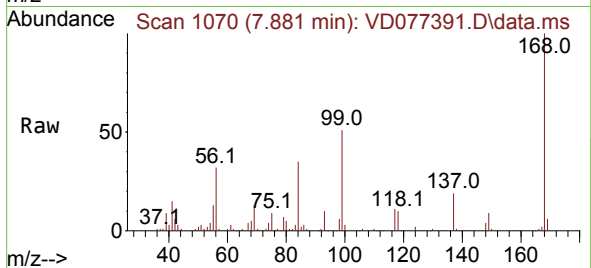
85 61.4 53.4 80.2



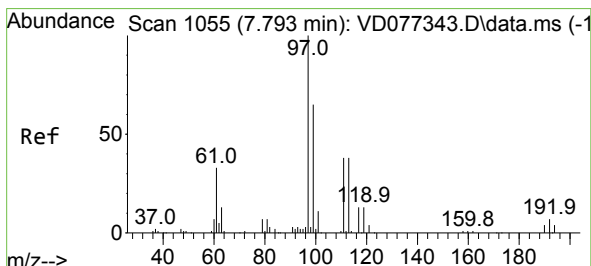
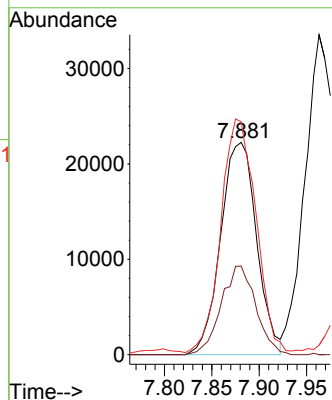
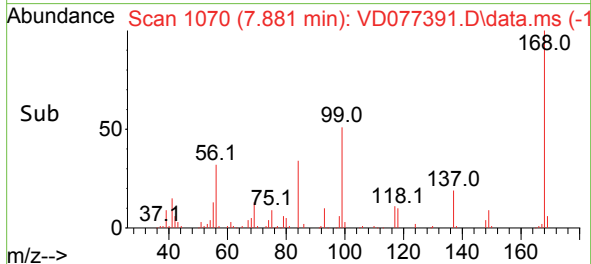


#31
Cyclohexane
Concen: 24.627 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

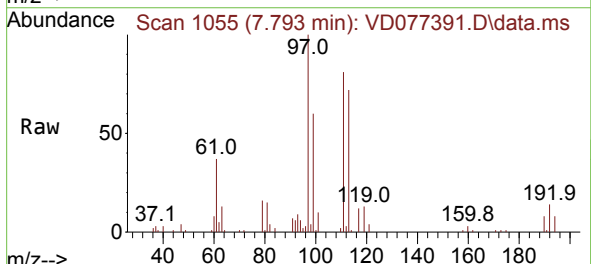
Instrument :
MSVOA_D
ClientSampleId :



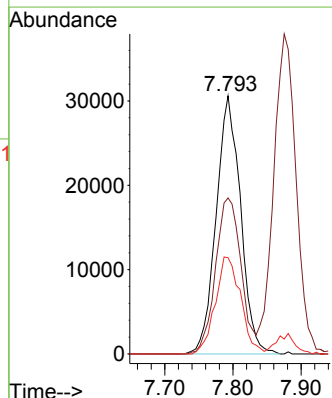
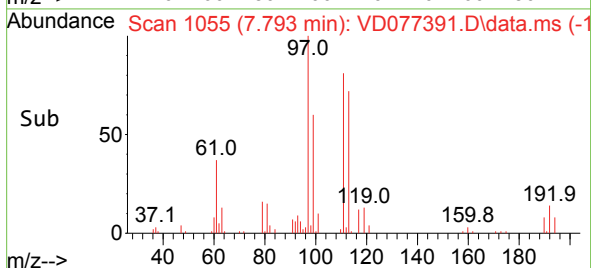
Tgt Ion: 56 Resp: 58932
Ion Ratio Lower Upper
56 100
69 41.7 28.6 43.0
84 108.2 84.8 127.2

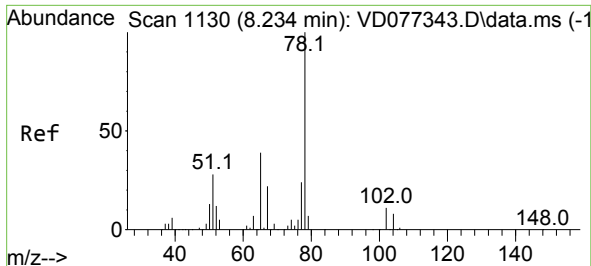


#32
1,1,1-Trichloroethane
Concen: 25.126 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23



Tgt Ion: 97 Resp: 76382
Ion Ratio Lower Upper
97 100
99 63.3 52.0 78.0
61 39.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 45.194 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Instrument :

MSVOA_D

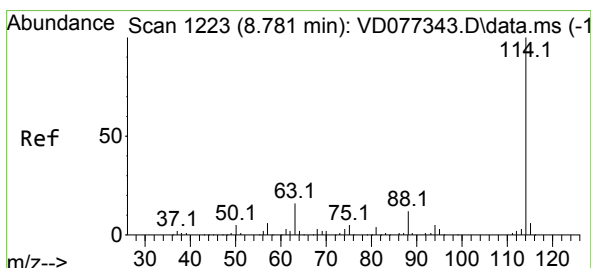
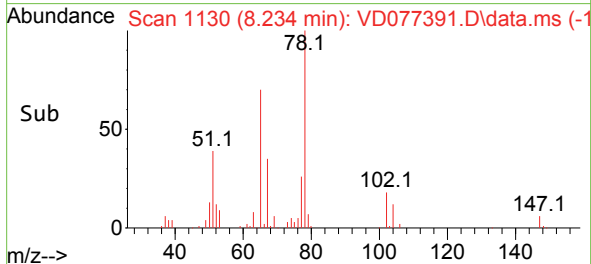
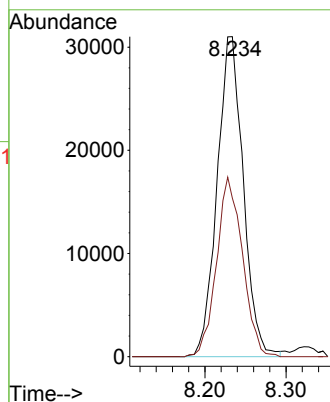
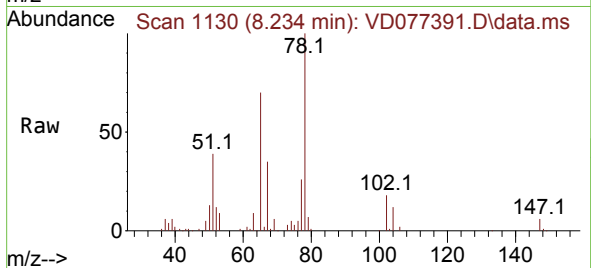
ClientSampleId :

Tgt Ion: 65 Resp: 69511

Ion Ratio Lower Upper

65 100

67 55.7 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: VD077391.D

Acq: 24 Oct 2023 13:23

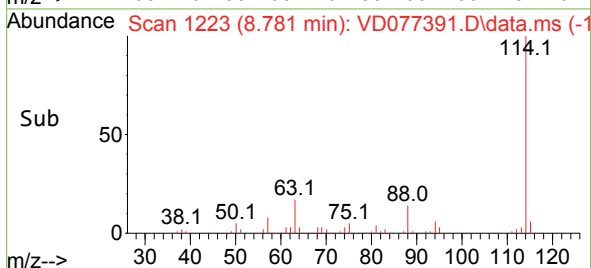
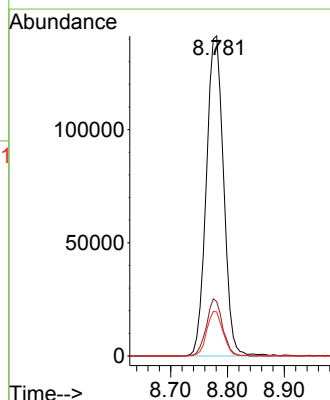
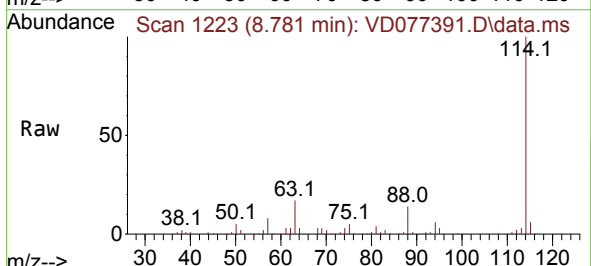
Tgt Ion: 114 Resp: 297623

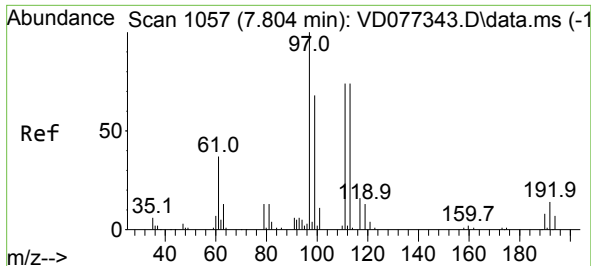
Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.4

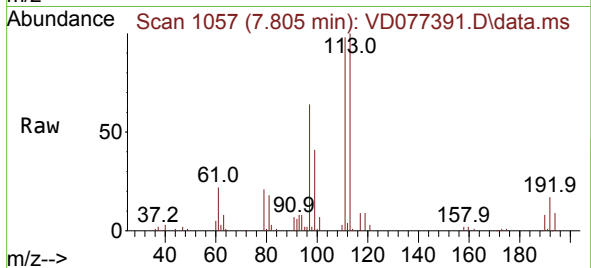
88 13.8 0.0 26.2



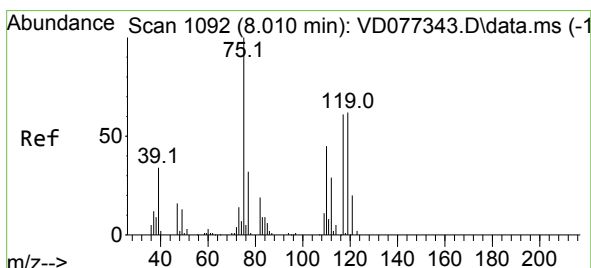
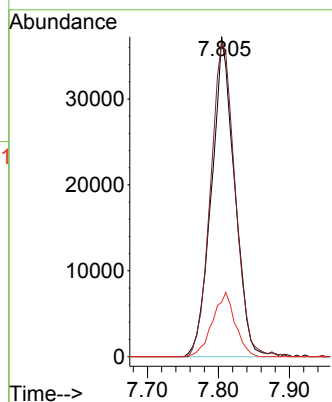
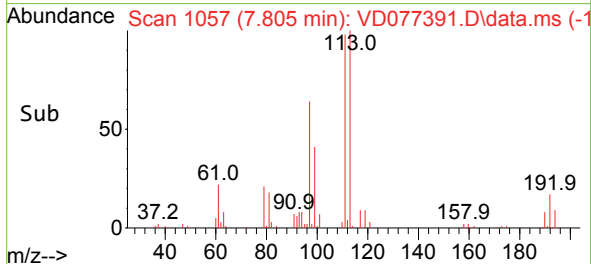


#35
Dibromofluoromethane
Concen: 40.202 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :

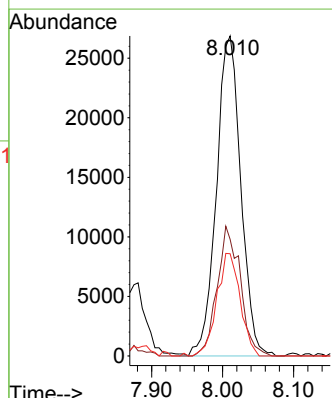
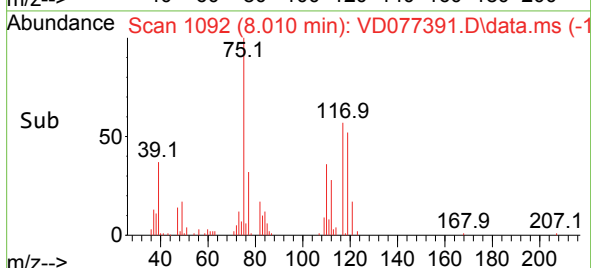
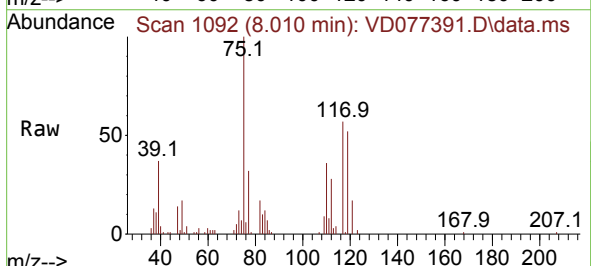


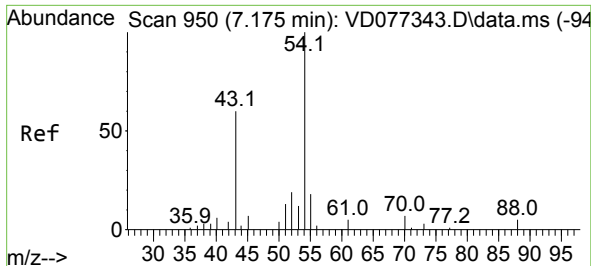
Tgt Ion:113 Resp: 84059
Ion Ratio Lower Upper
113 100
111 104.3 84.7 127.1
192 19.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 23.344 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

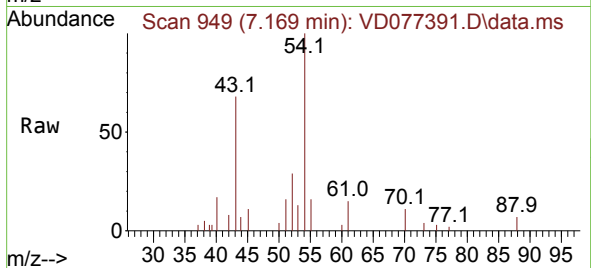
Tgt Ion: 75 Resp: 64137
Ion Ratio Lower Upper
75 100
110 38.4 19.9 59.6
77 30.5 24.7 37.1



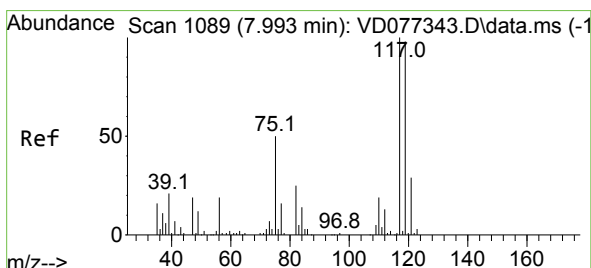
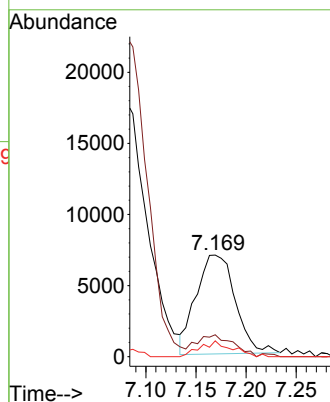
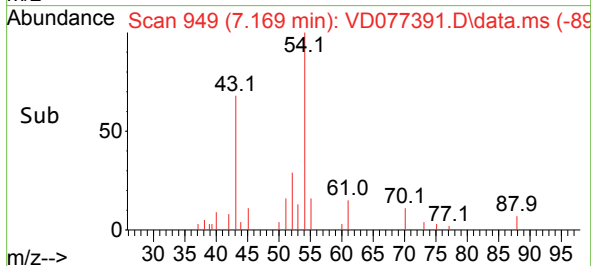


#37
Ethyl Acetate
Concen: 21.869 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :

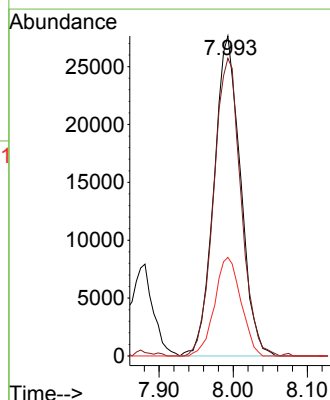
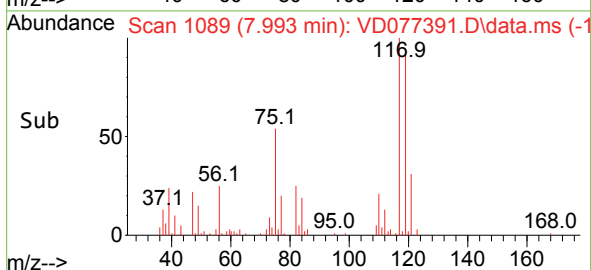
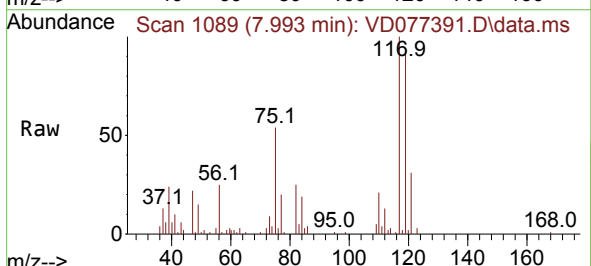


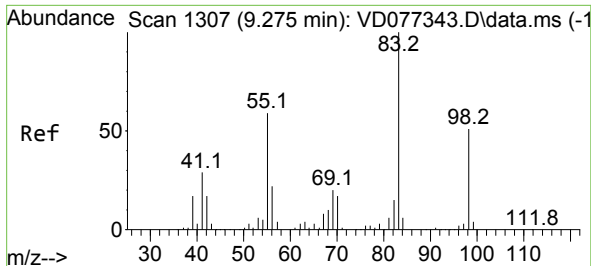
Tgt Ion: 43 Resp: 18873
Ion Ratio Lower Upper
43 100
61 20.6 14.9 22.3
70 13.0 10.0 15.0



#38
Carbon Tetrachloride
Concen: 22.463 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 117 Resp: 68656
Ion Ratio Lower Upper
117 100
119 93.0 78.0 117.0
121 30.8 24.2 36.2





#39

Methylcyclohexane

Concen: 20.824 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Instrument :

MSVOA_D

ClientSampleId :

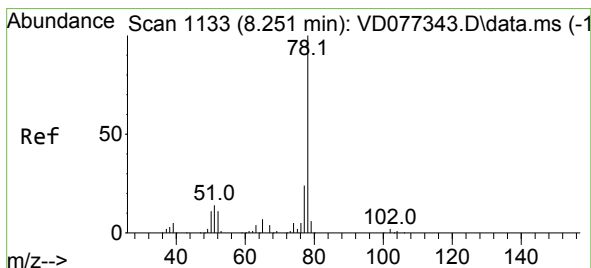
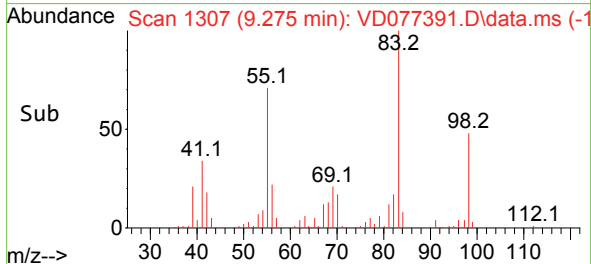
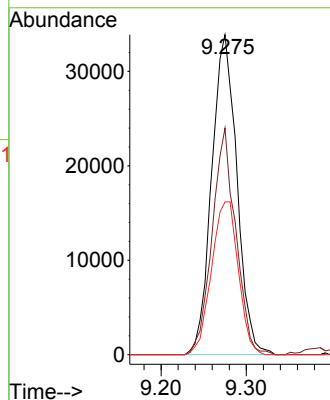
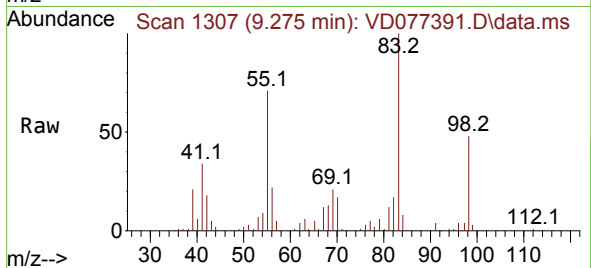
Tgt Ion: 83 Resp: 69520

Ion Ratio Lower Upper

83 100

55 70.8 49.4 74.0

98 47.7 38.4 57.6



#40

Benzene

Concen: 23.521 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD077391.D

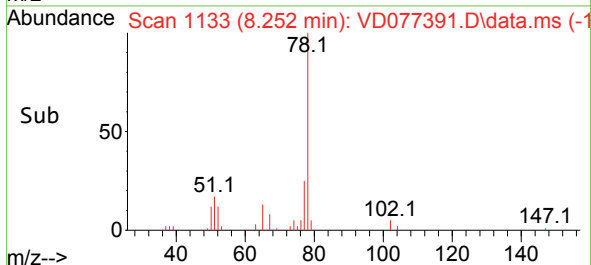
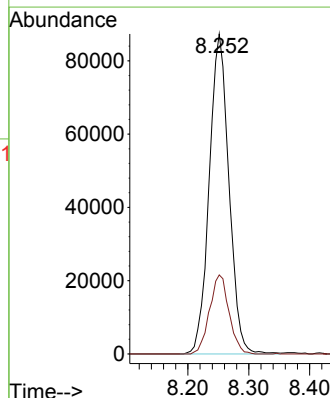
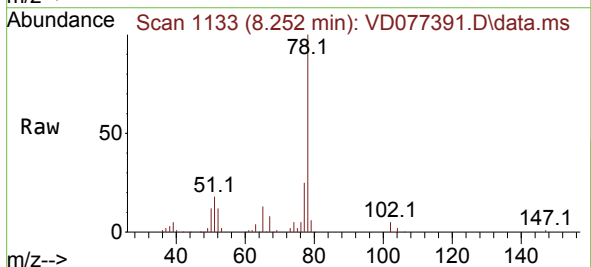
Acq: 24 Oct 2023 13:23

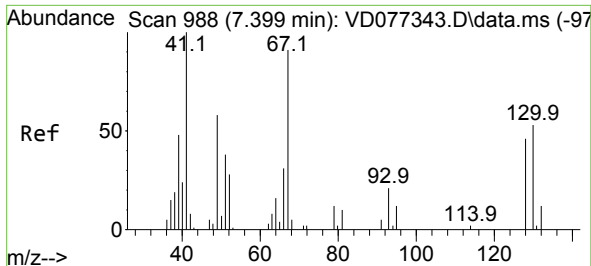
Tgt Ion: 78 Resp: 196110

Ion Ratio Lower Upper

78 100

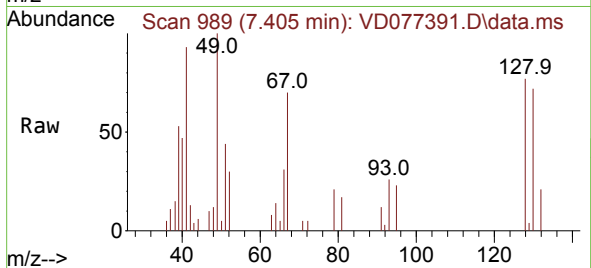
77 24.7 19.4 29.0



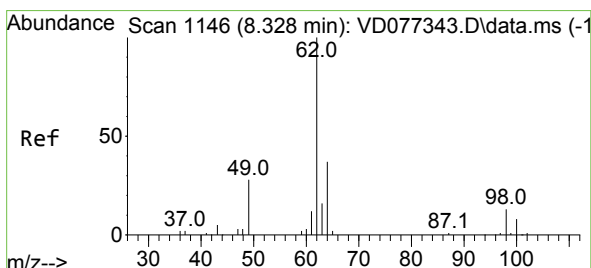
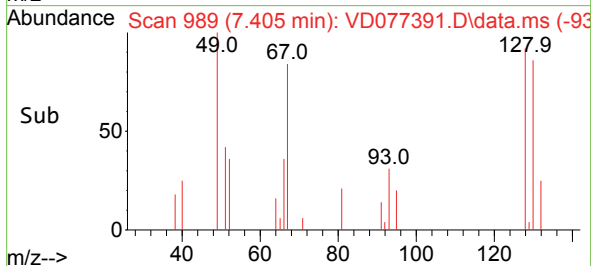
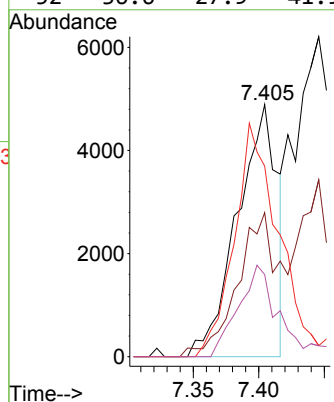


#41
Methacrylonitrile
Concen: 25.185 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :

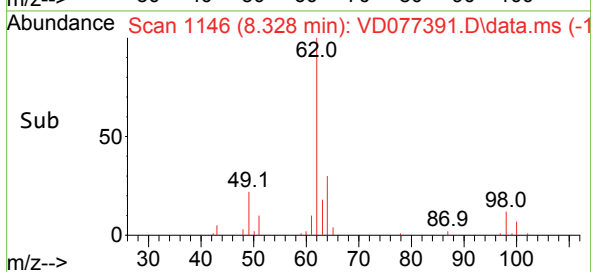
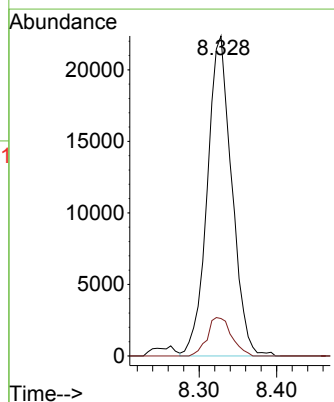
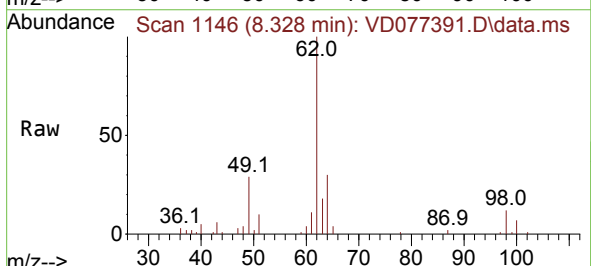


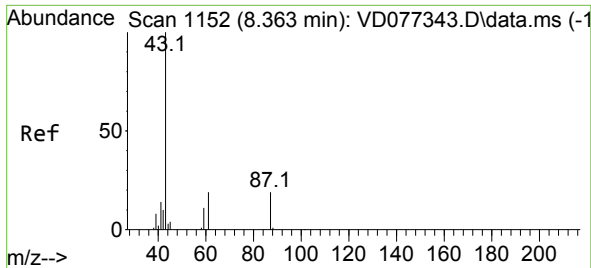
Tgt Ion: 41 Resp: 10373
Ion Ratio Lower Upper
41 100
39 60.0 34.0 51.0#
67 102.3 77.0 115.4
52 36.6 27.9 41.9



#42
1,2-Dichloroethane
Concen: 25.065 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

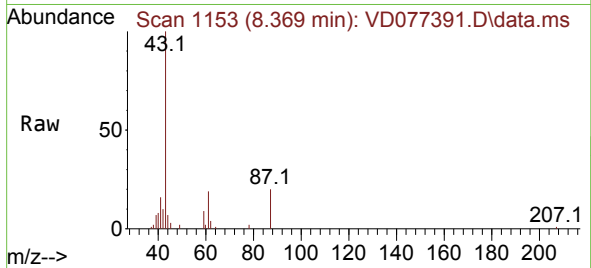
Tgt Ion: 62 Resp: 49224
Ion Ratio Lower Upper
62 100
98 11.9 0.0 25.4



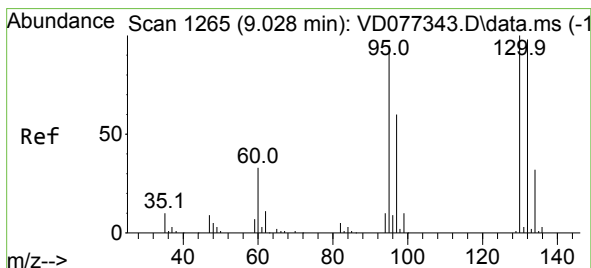
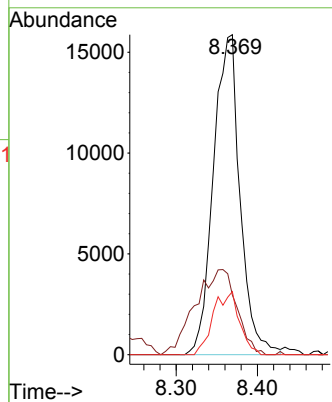
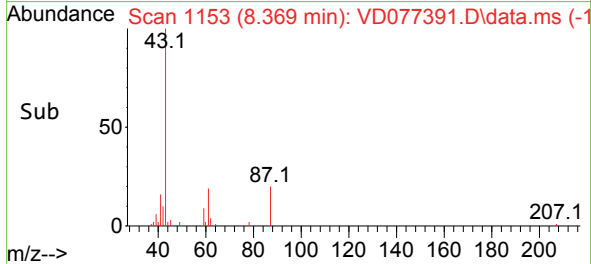


#43
Isopropyl Acetate
Concen: 23.306 ug/l
RT: 8.369 min Scan# 1153
Delta R.T. 0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :

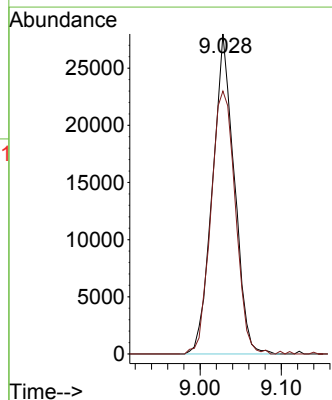
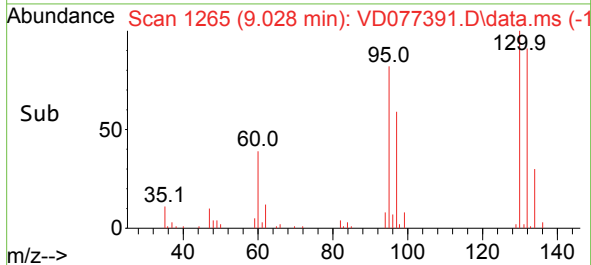
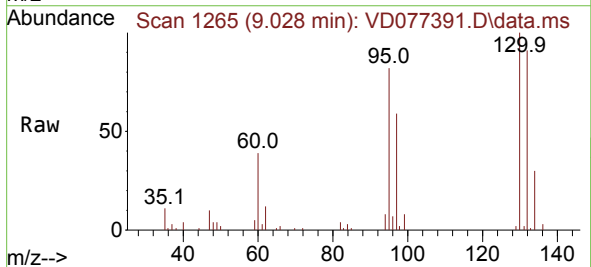


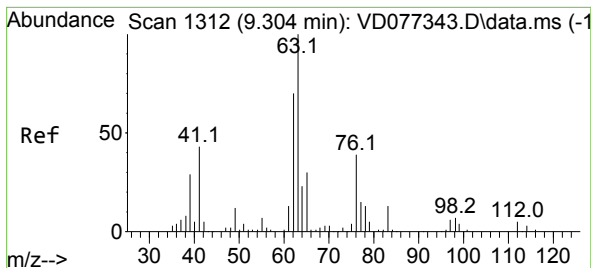
Tgt Ion: 43 Resp: 36210
Ion Ratio Lower Upper
43 100
61 41.3 31.4 47.0
87 19.5 14.9 22.3



#44
Trichloroethene
Concen: 21.409 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 130 Resp: 52188
Ion Ratio Lower Upper
130 100
95 82.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 24.741 ug/l

RT: 9.304 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Instrument :

MSVOA_D

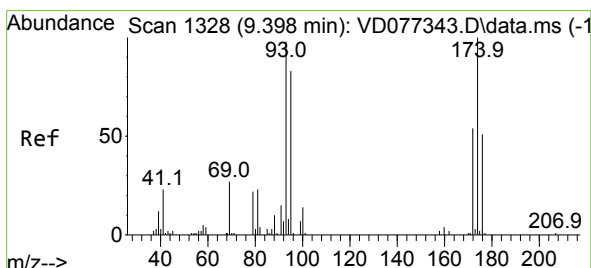
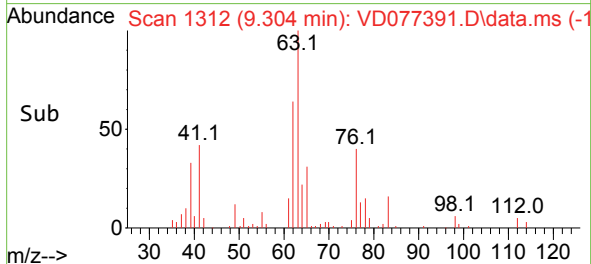
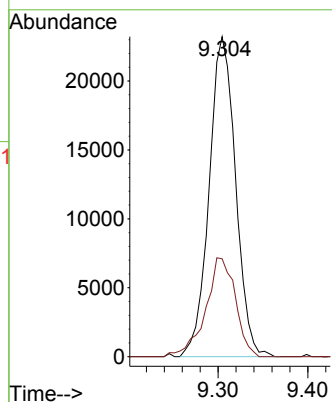
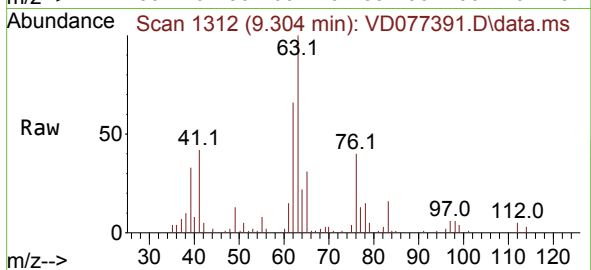
ClientSampleId :

Tgt Ion: 63 Resp: 47552

Ion Ratio Lower Upper

63 100

65 30.6 24.5 36.7



#46

Dibromomethane

Concen: 22.343 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.005 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

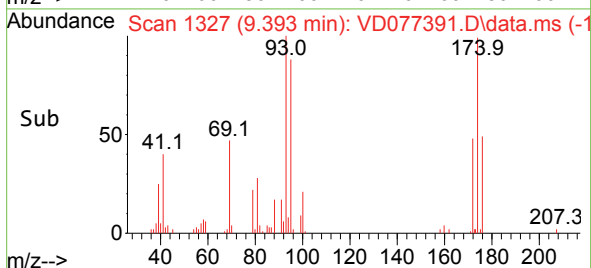
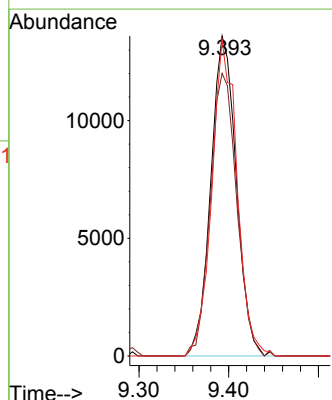
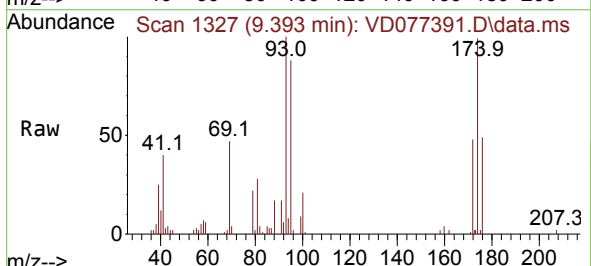
Tgt Ion: 93 Resp: 26847

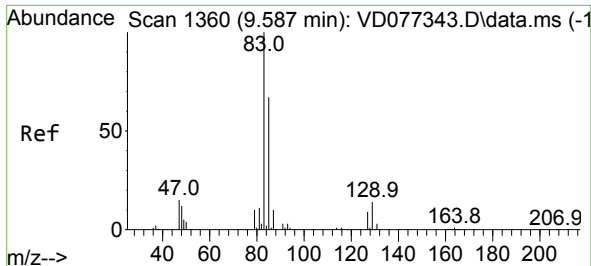
Ion Ratio Lower Upper

93 100

95 91.6 67.7 101.5

174 97.7 85.4 128.2

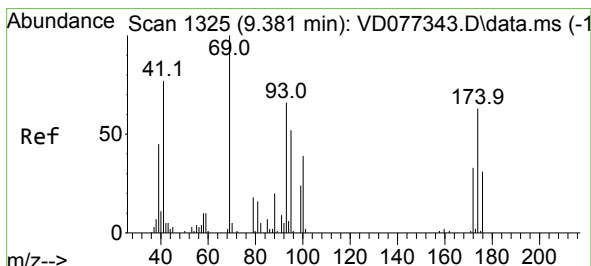
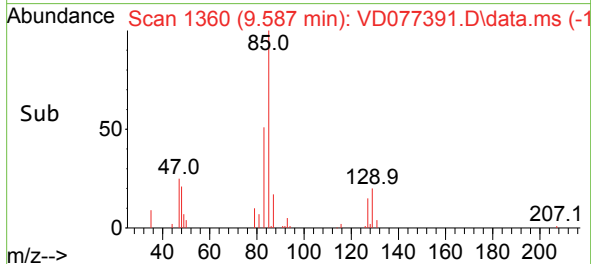
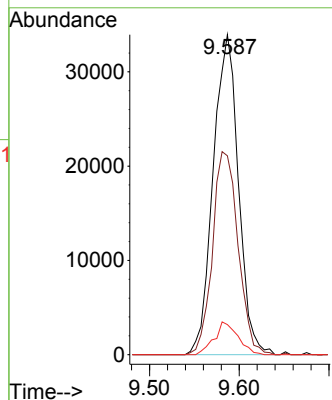
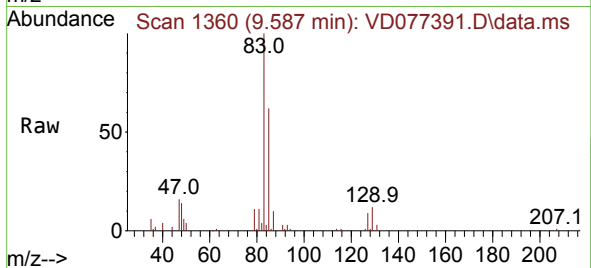




#47
Bromodichloromethane
Concen: 23.142 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

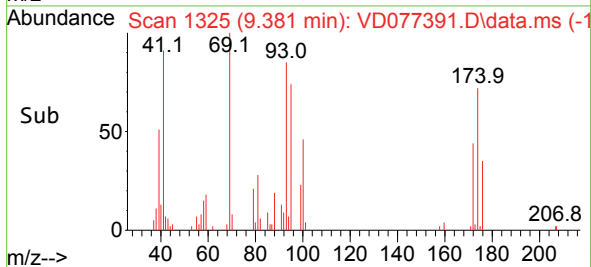
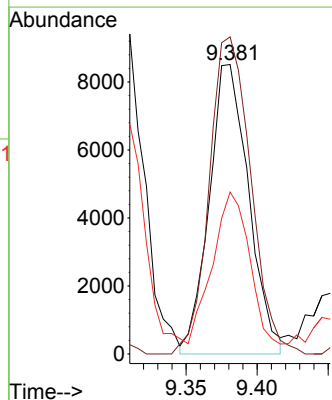
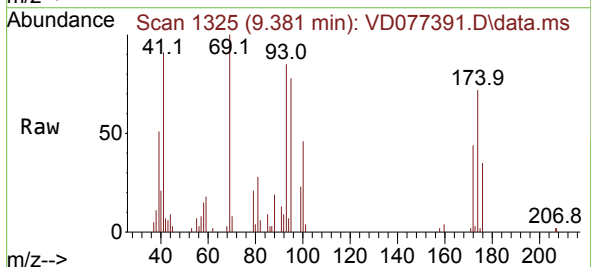
Instrument :
MSVOA_D
ClientSampleId :

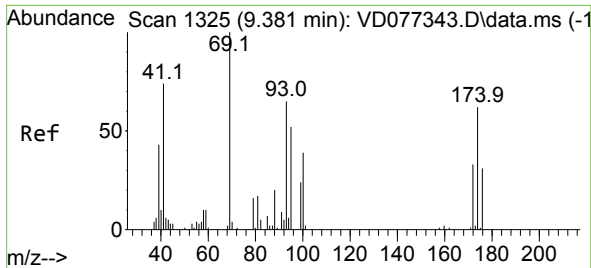
Tgt Ion: 83 Resp: 66304
Ion Ratio Lower Upper
83 100
85 62.2 50.2 75.4
127 9.4 6.3 9.5



#48
Methyl methacrylate
Concen: 23.418 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

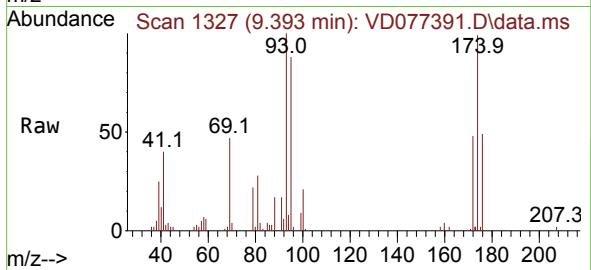
Tgt Ion: 41 Resp: 16459
Ion Ratio Lower Upper
41 100
69 115.0 102.2 153.2
39 55.1 41.4 62.2



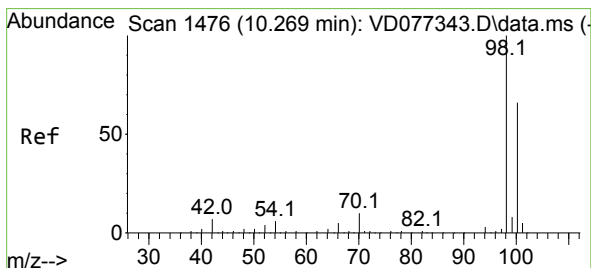
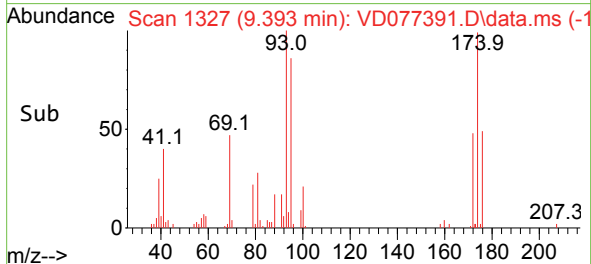
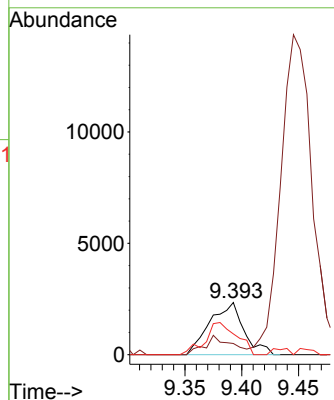


#49
1,4-Dioxane
Concen: 433.932 ug/l
RT: 9.393 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :

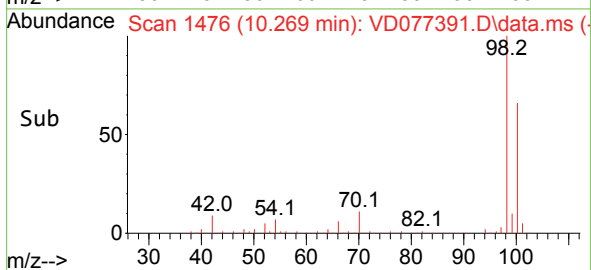
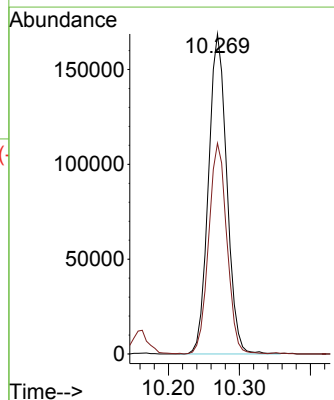
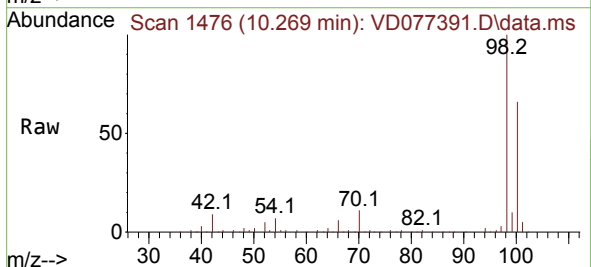


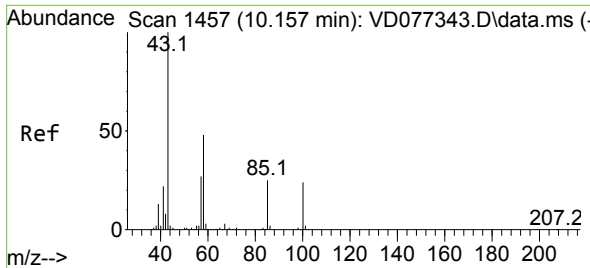
Tgt Ion: 88 Resp: 4866
Ion Ratio Lower Upper
88 100
43 28.9 19.0 28.6#
58 56.8 43.5 65.3



#50
Toluene-d8
Concen: 40.457 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 98 Resp: 302957
Ion Ratio Lower Upper
98 100
100 65.3 50.3 75.5

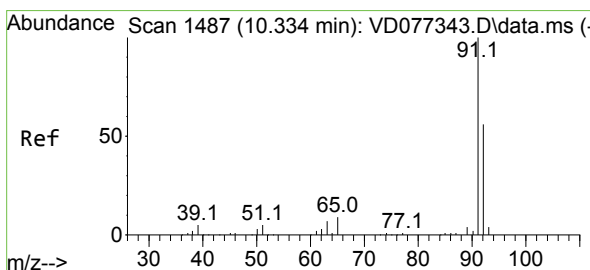
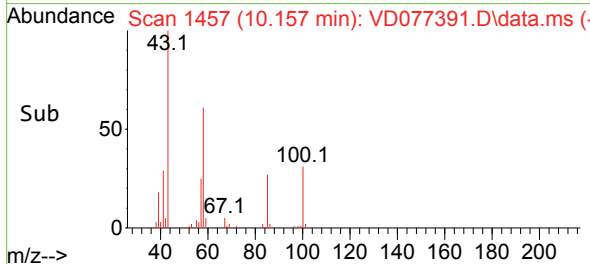
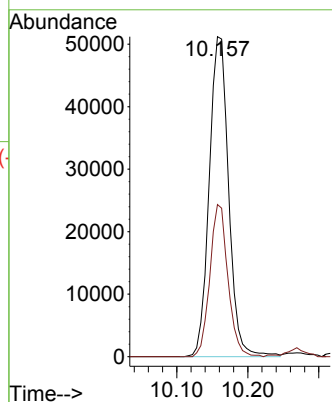
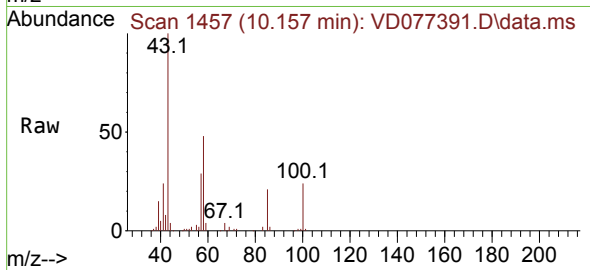




#51
4-Methyl-2-Pentanone
Concen: 124.808 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

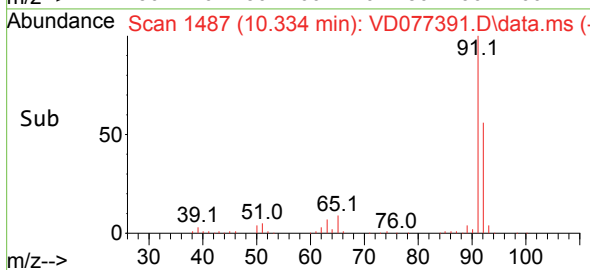
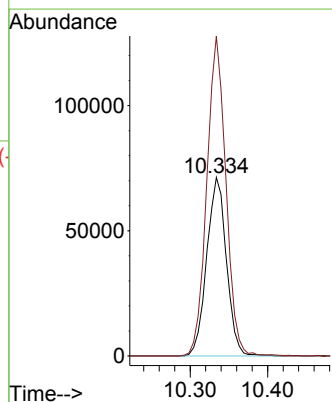
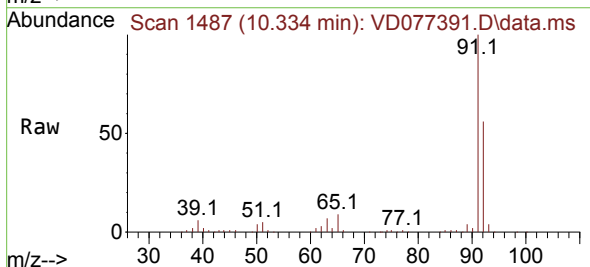
Instrument :
MSVOA_D
ClientSampleId :

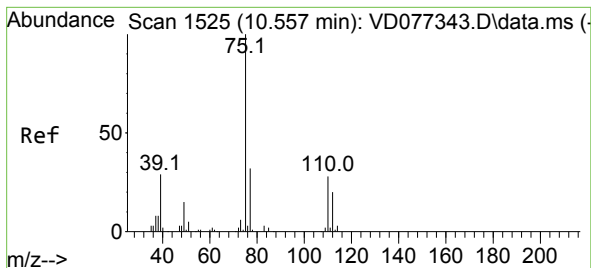
Tgt Ion: 43 Resp: 97203
Ion Ratio Lower Upper
43 100
58 44.3 38.9 58.3



#52
Toluene
Concen: 23.102 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 92 Resp: 125761
Ion Ratio Lower Upper
92 100
91 174.1 143.0 214.4





#53

t-1,3-Dichloropropene

Concen: 23.126 ug/l

RT: 10.551 min Scan# 1525

Delta R.T. -0.006 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Instrument :

MSVOA_D

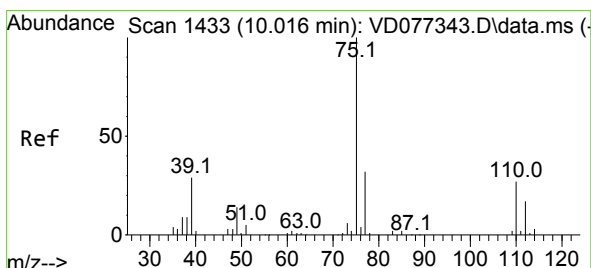
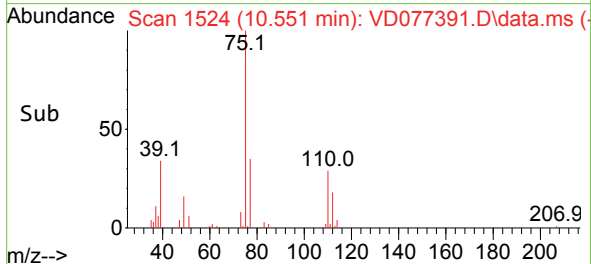
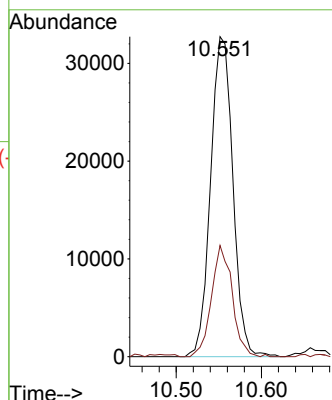
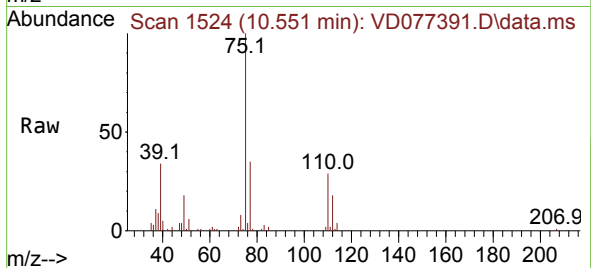
ClientSampleId :

Tgt Ion: 75 Resp: 59477

Ion Ratio Lower Upper

75 100

77 34.7 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 23.333 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

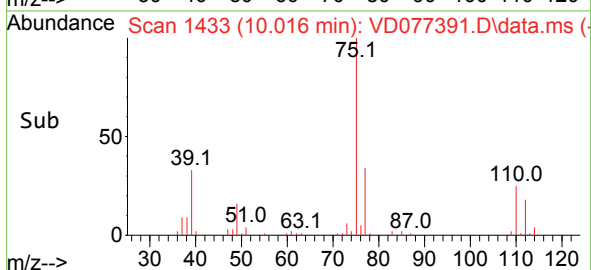
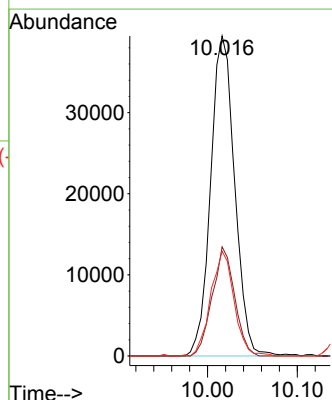
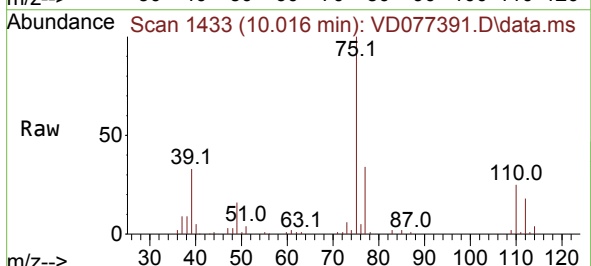
Tgt Ion: 75 Resp: 73420

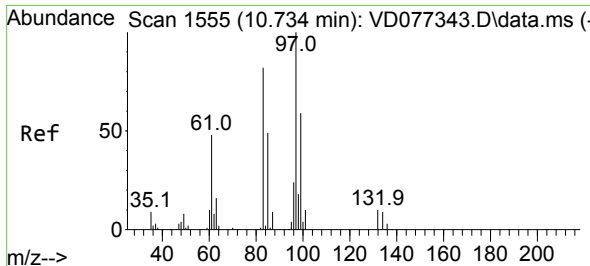
Ion Ratio Lower Upper

75 100

77 34.1 25.5 38.3

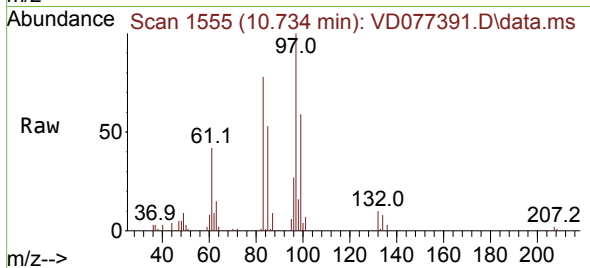
39 32.8 22.1 33.1



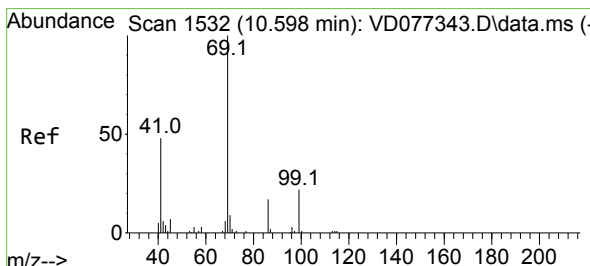
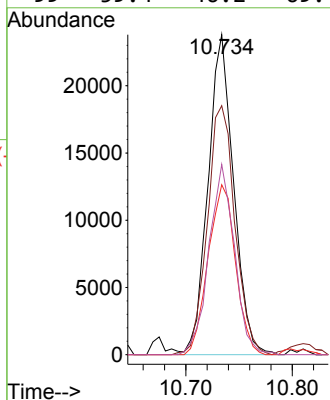
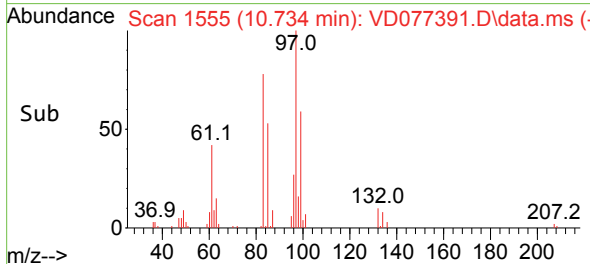


#55
 1,1,2-Trichloroethane
 Concen: 23.848 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VD077391.D
 Acq: 24 Oct 2023 13:23

Instrument :
 MSVOA_D
 ClientSampleId :

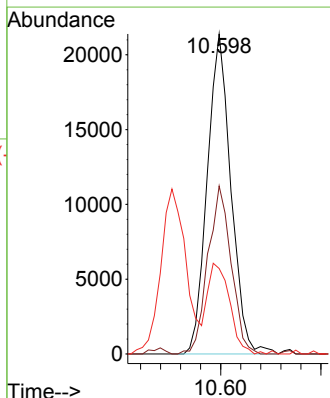
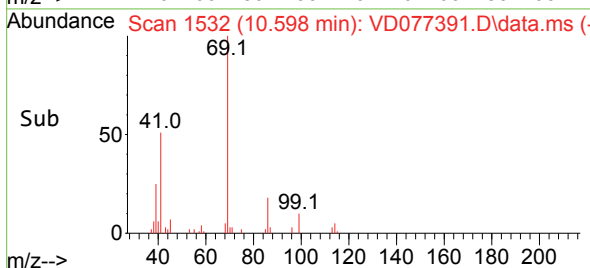
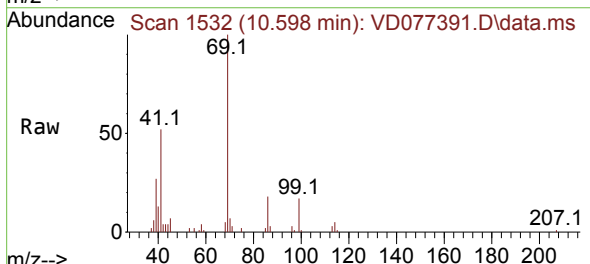


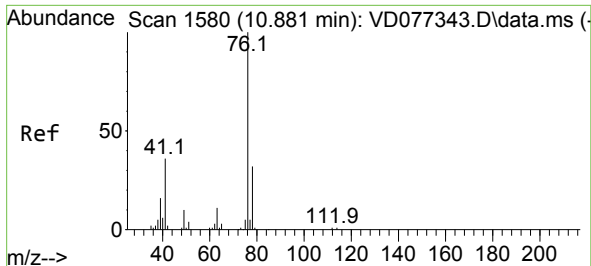
Tgt Ion:	97	Resp:	39688
Ion	Ratio	Lower	Upper
97	100		
83	77.1	65.8	98.6
85	53.1	45.7	68.5
99	59.4	46.2	69.4



#56
 Ethyl methacrylate
 Concen: 22.108 ug/l
 RT: 10.598 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: VD077391.D
 Acq: 24 Oct 2023 13:23

Tgt Ion:	69	Resp:	35162
Ion	Ratio	Lower	Upper
69	100		
41	51.6	39.1	58.7
39	26.3	20.0	30.0





#57

1,3-Dichloropropane

Concen: 24.373 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Instrument :

MSVOA_D

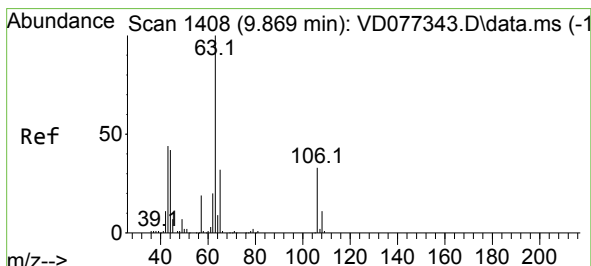
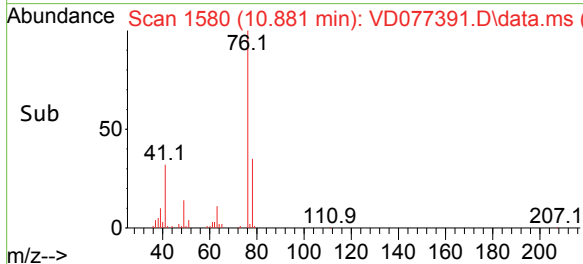
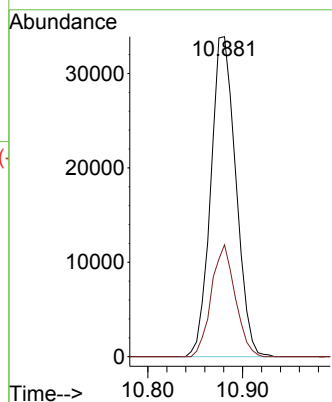
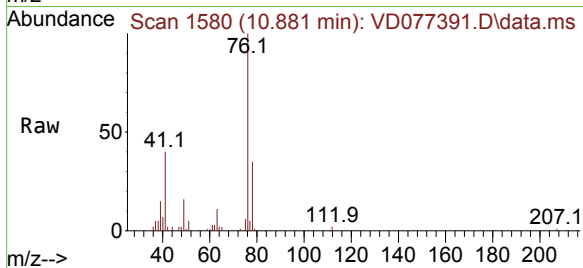
ClientSampleId :

Tgt Ion: 76 Resp: 62307

Ion Ratio Lower Upper

76 100

78 33.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 94.219 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077391.D

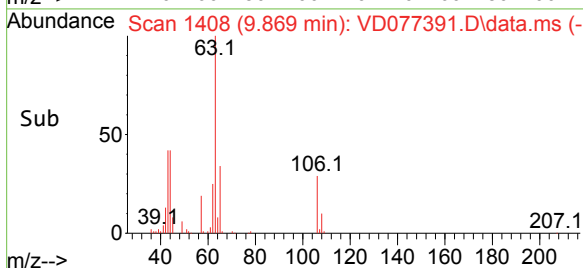
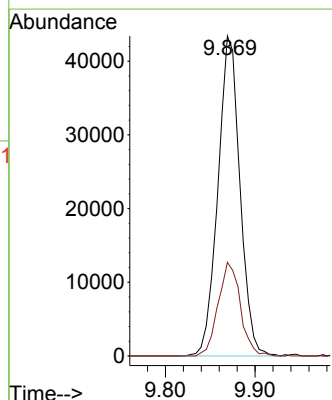
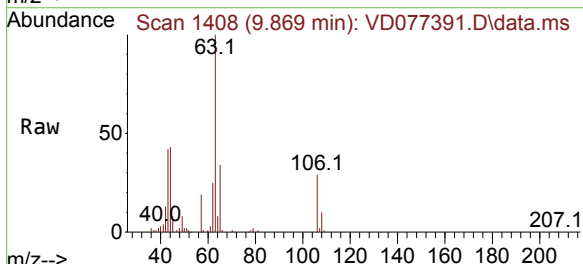
Acq: 24 Oct 2023 13:23

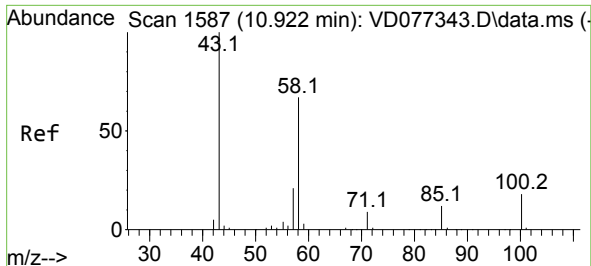
Tgt Ion: 63 Resp: 74106

Ion Ratio Lower Upper

63 100

106 29.5 25.3 37.9

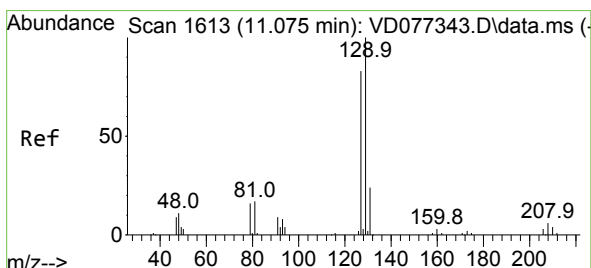
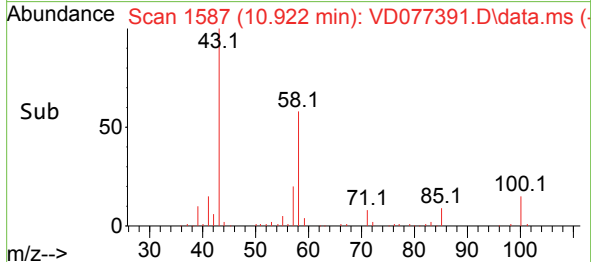
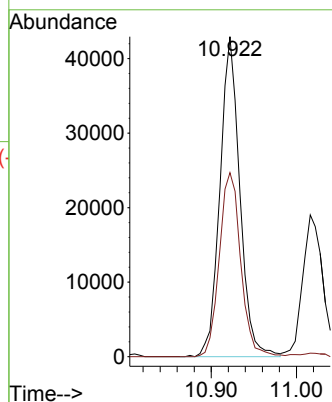
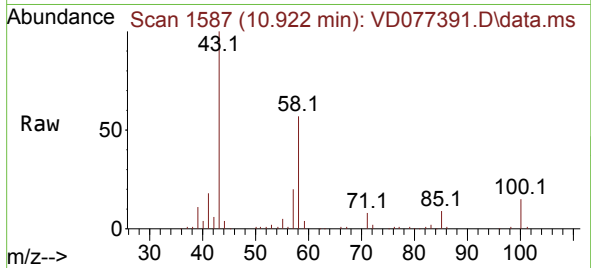




#59
2-Hexanone
Concen: 124.689 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

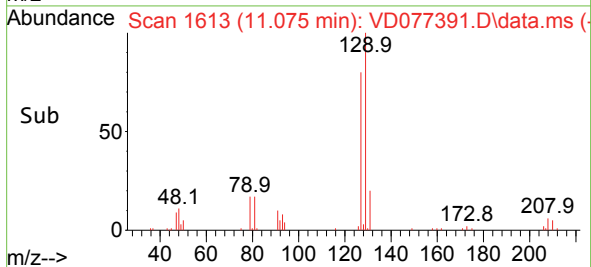
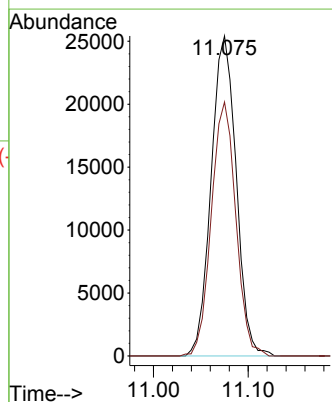
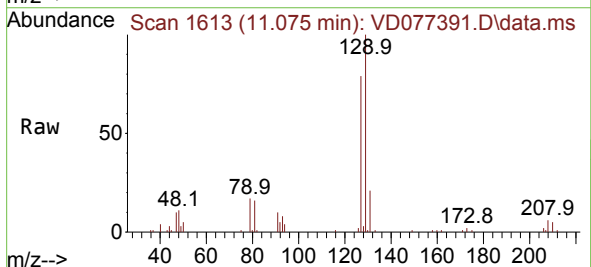
Instrument :
MSVOA_D
ClientSampleId :

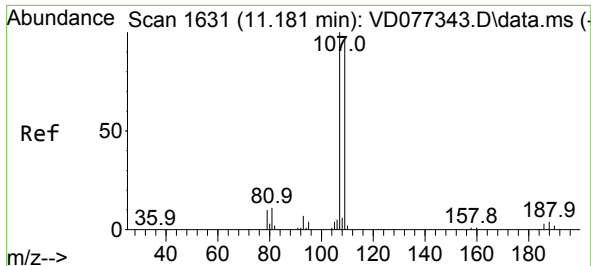
Tgt Ion: 43 Resp: 69746
Ion Ratio Lower Upper
43 100
58 61.8 34.1 102.2



#60
Dibromochloromethane
Concen: 21.998 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 129 Resp: 46746
Ion Ratio Lower Upper
129 100
127 77.5 37.1 111.5

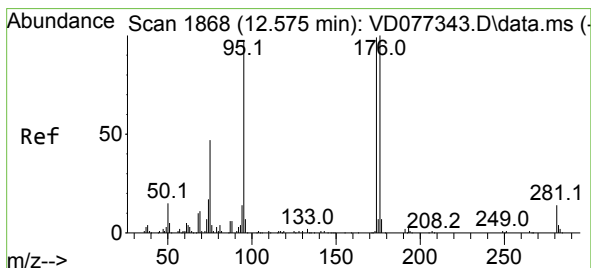
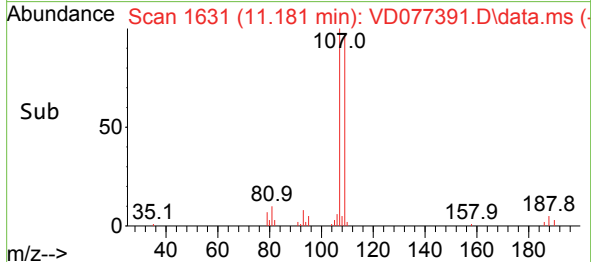
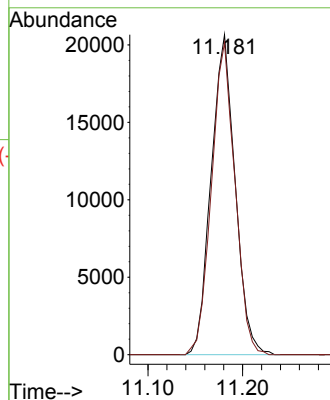
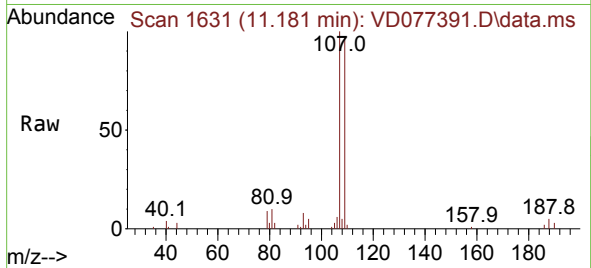




#61
1,2-Dibromoethane
Concen: 23.159 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

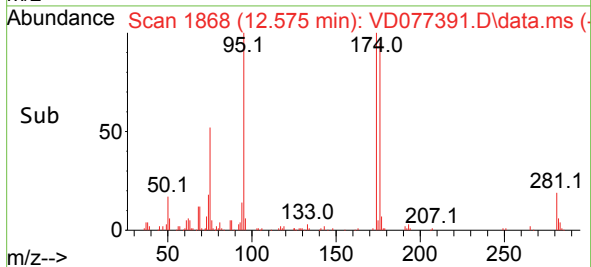
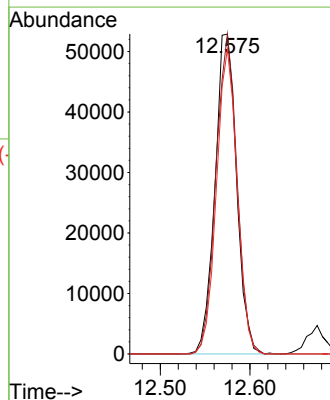
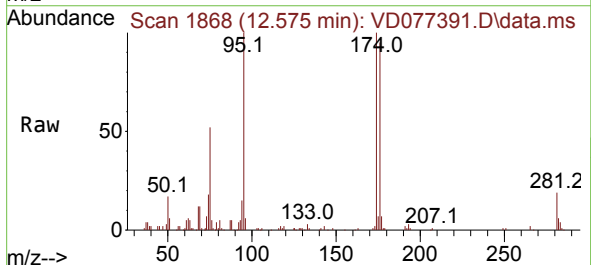
Instrument :
MSVOA_D
ClientSampleId :

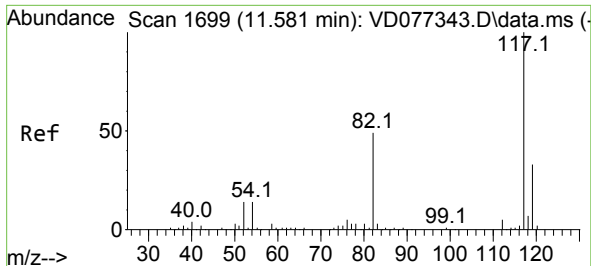
Tgt Ion:107 Resp: 36318
Ion Ratio Lower Upper
107 100
109 95.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 40.995 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 95 Resp: 88368
Ion Ratio Lower Upper
95 100
174 97.8 0.0 201.8
176 91.5 0.0 191.8

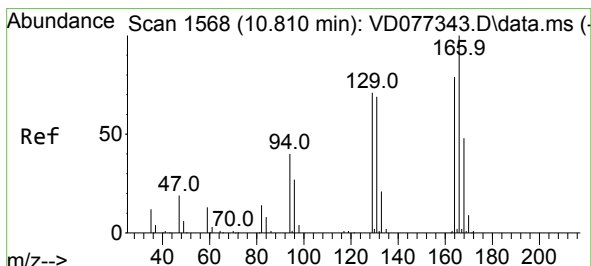
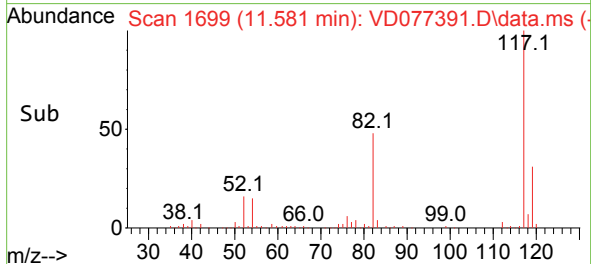
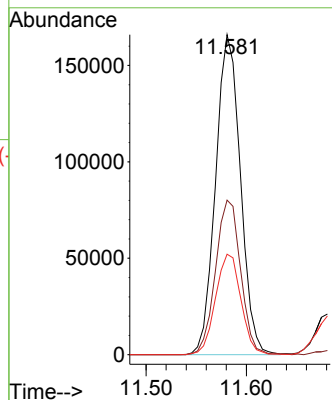
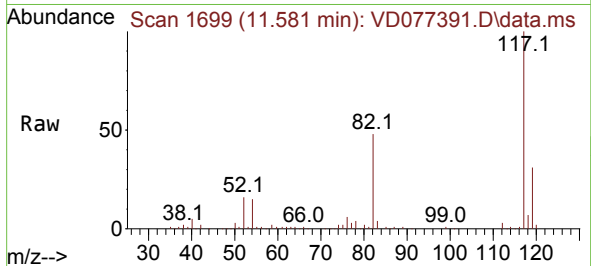




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

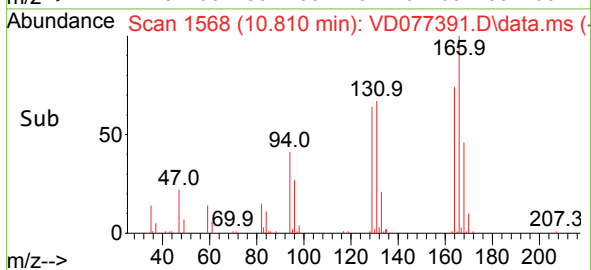
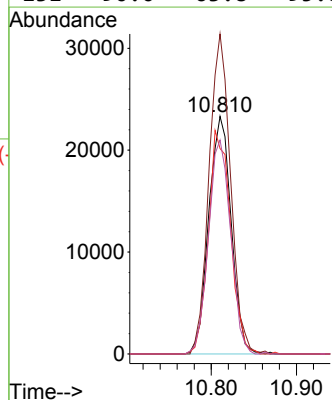
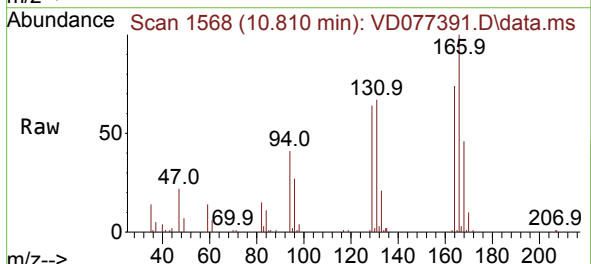
Instrument :
MSVOA_D
ClientSampleId :

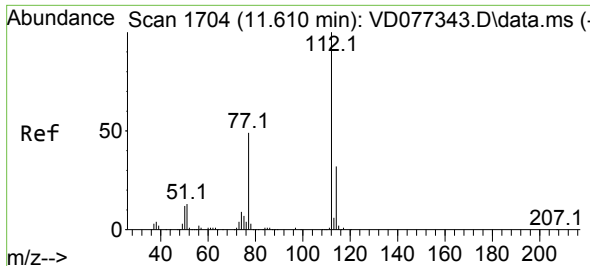
Tgt Ion:117 Resp: 285581
Ion Ratio Lower Upper
117 100
82 48.3 38.3 57.5
119 31.4 25.0 37.4



#64
Tetrachloroethene
Concen: 20.120 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion:164 Resp: 42708
Ion Ratio Lower Upper
164 100
166 134.7 99.2 148.8
129 86.4 68.4 102.6
131 90.0 63.8 95.8

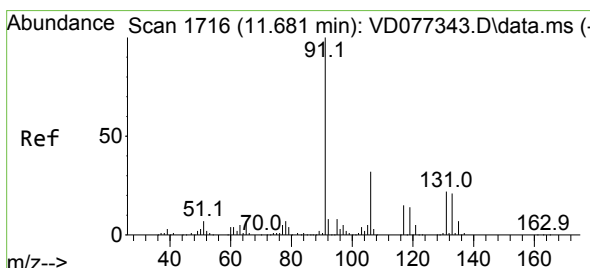
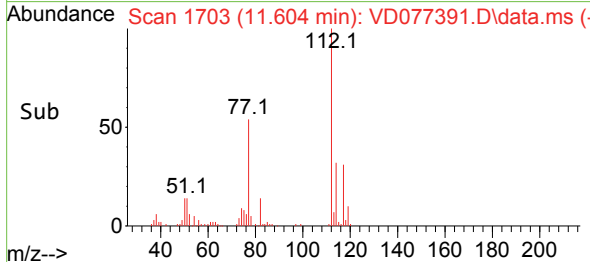
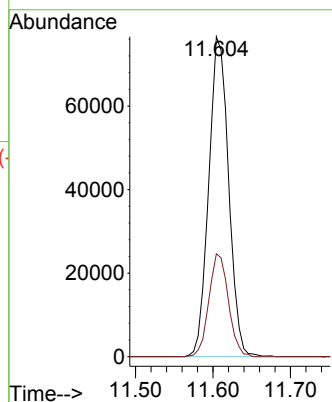
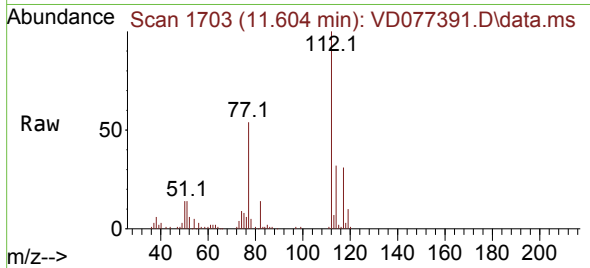




#65
Chlorobenzene
Concen: 21.922 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

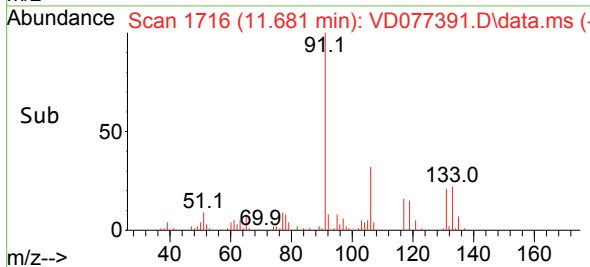
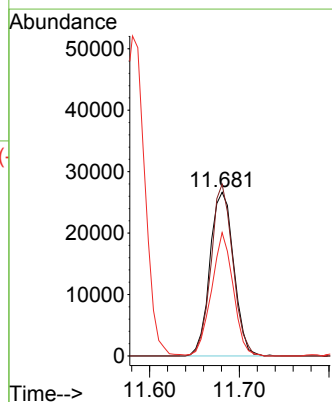
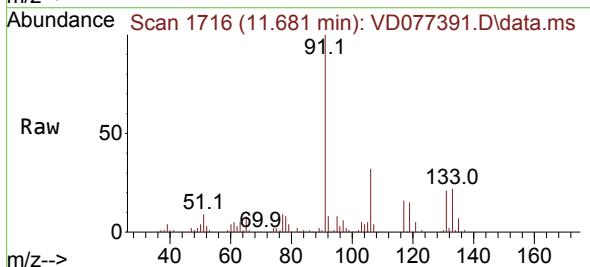
Instrument :
MSVOA_D
ClientSampleId :

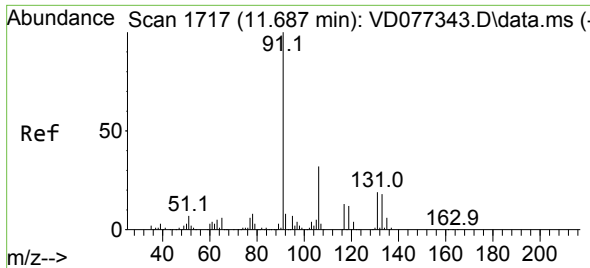
Tgt Ion:112 Resp: 136459
Ion Ratio Lower Upper
112 100
114 32.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.789 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion:131 Resp: 49191
Ion Ratio Lower Upper
131 100
133 96.4 48.5 145.5
119 68.6 35.6 106.9

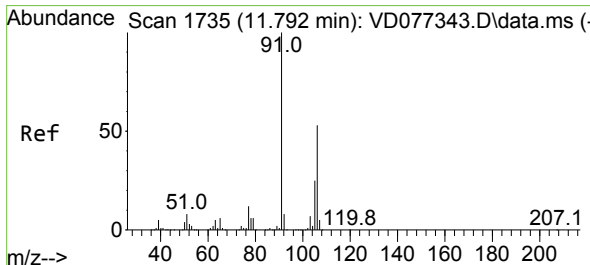
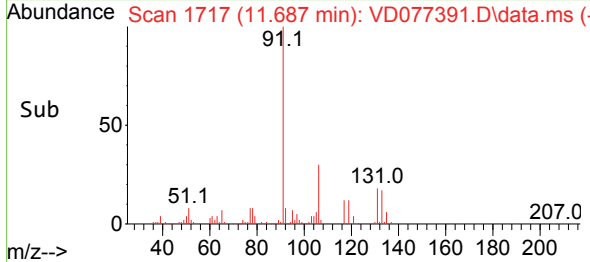
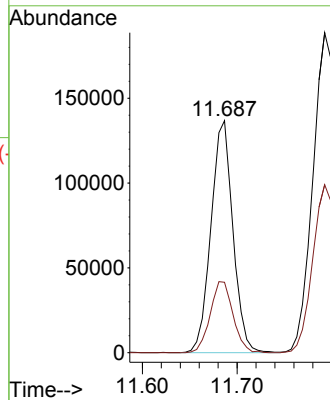
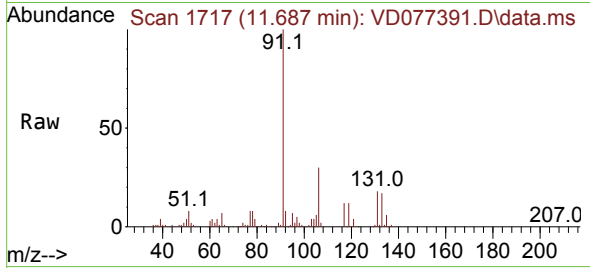




#67
Ethyl Benzene
Concen: 21.379 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

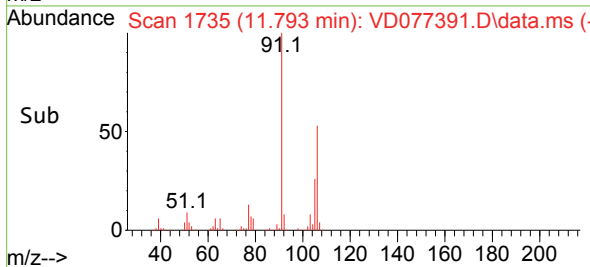
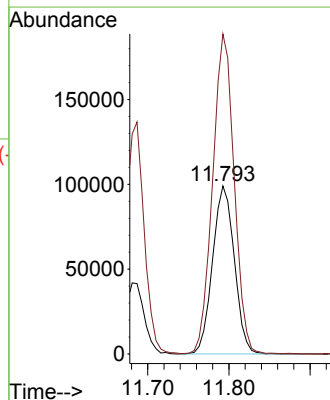
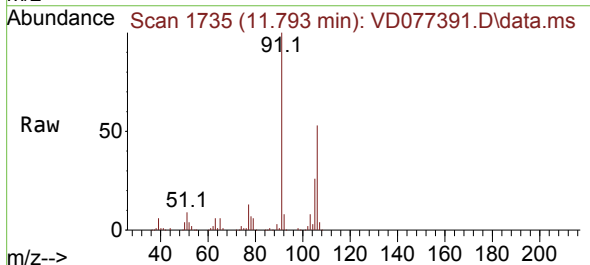
Instrument :
MSVOA_D
ClientSampleId :

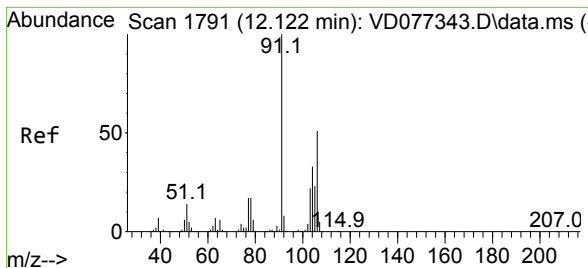
Tgt Ion: 91 Resp: 220604
Ion Ratio Lower Upper
91 100
106 30.4 26.5 39.7



#68
m/p-Xylenes
Concen: 43.487 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion:106 Resp: 184269
Ion Ratio Lower Upper
106 100
91 188.2 147.0 220.6

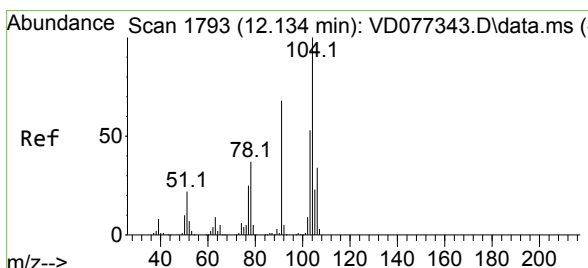
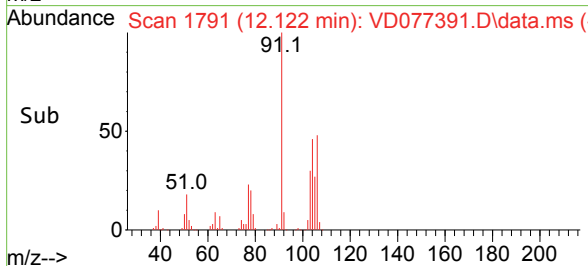
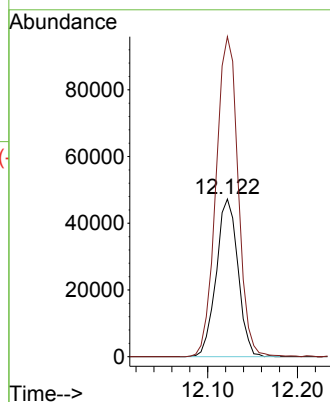
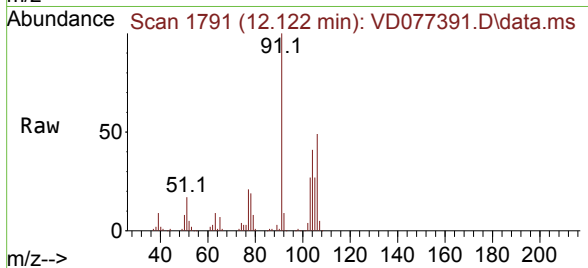




#69
o-Xylene
Concen: 20.373 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

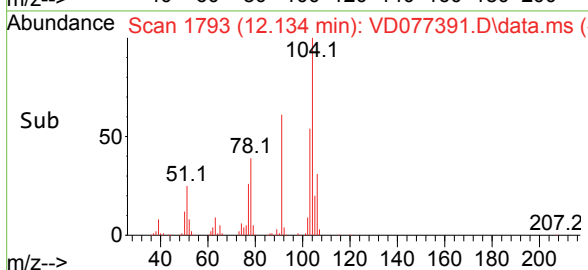
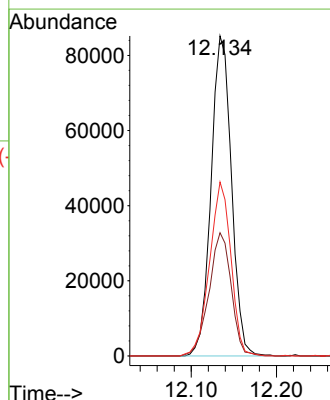
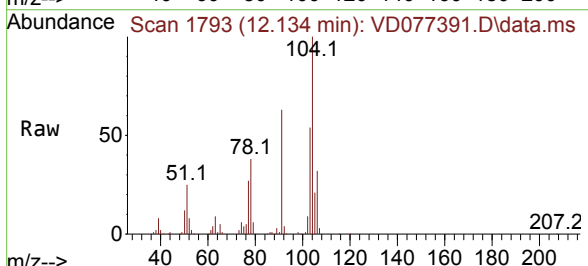
Instrument :
MSVOA_D
ClientSampleId :

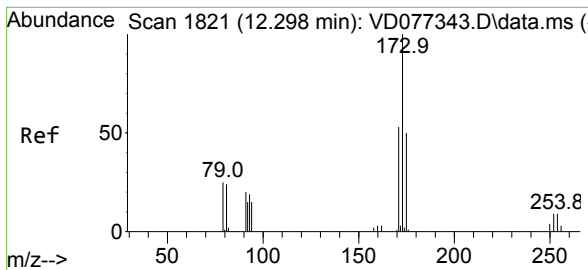
Tgt Ion:106 Resp: 79471
Ion Ratio Lower Upper
106 100
91 207.1 97.9 293.6



#70
Styrene
Concen: 21.342 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion:104 Resp: 142031
Ion Ratio Lower Upper
104 100
78 42.0 33.2 49.8
103 56.9 43.6 65.4

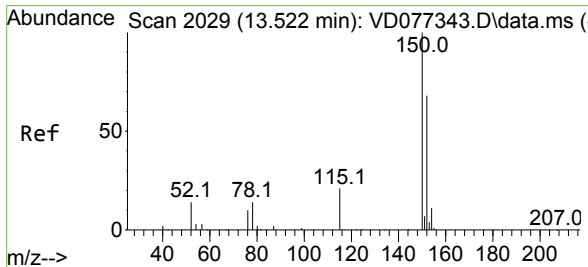
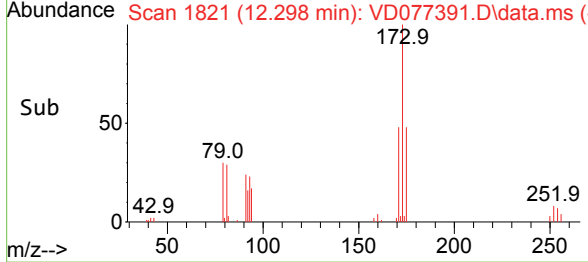
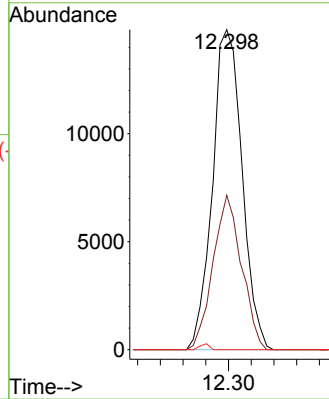
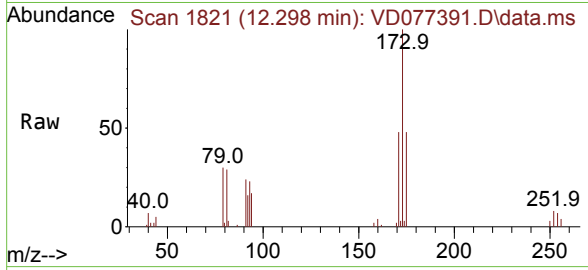




#71
Bromoform
Concen: 20.650 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

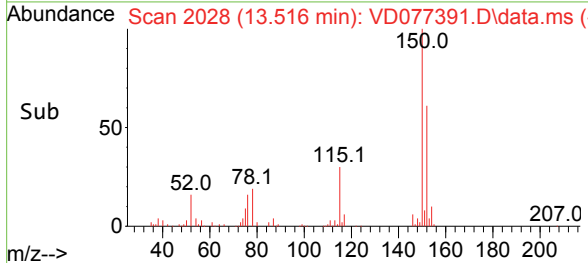
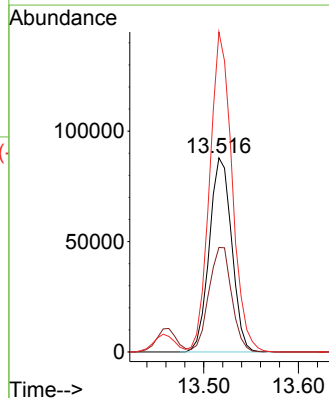
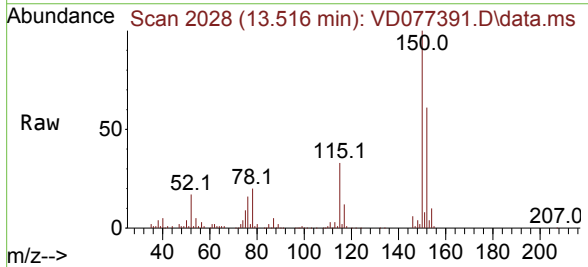
Instrument :
MSVOA_D
ClientSampleId :

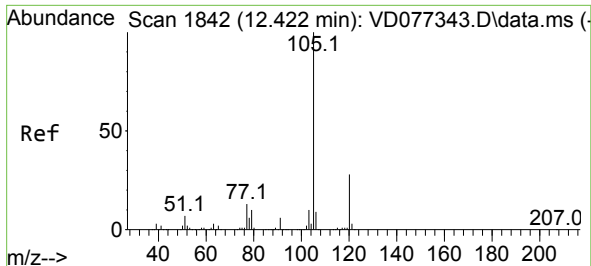
Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.5	24.6	73.8
254	0.6	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

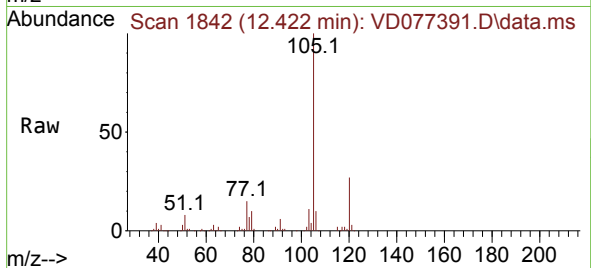
Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.1	81.3
150	165.2	0.0	353.6



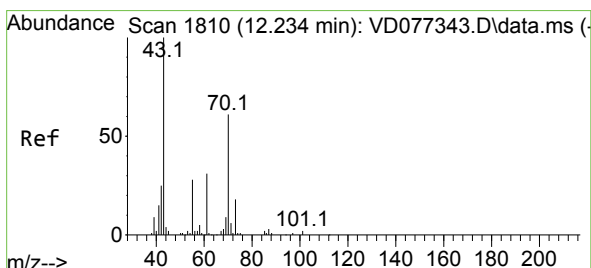
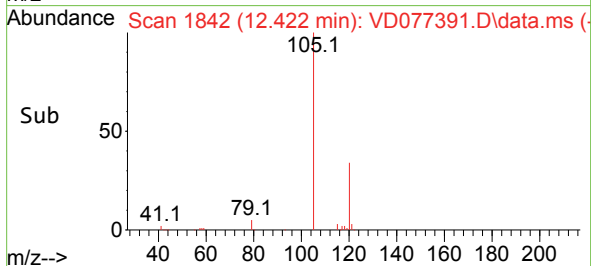
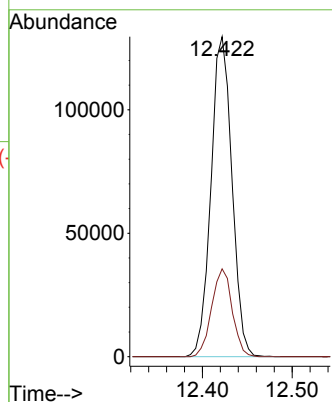


#73
Isopropylbenzene
Concen: 22.072 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :

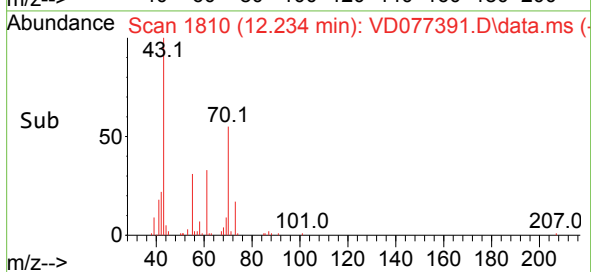
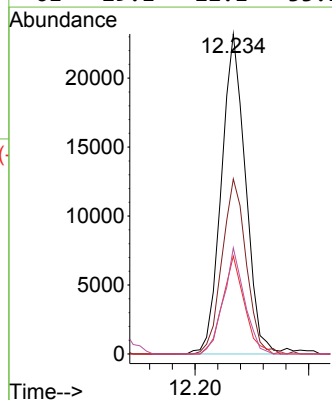
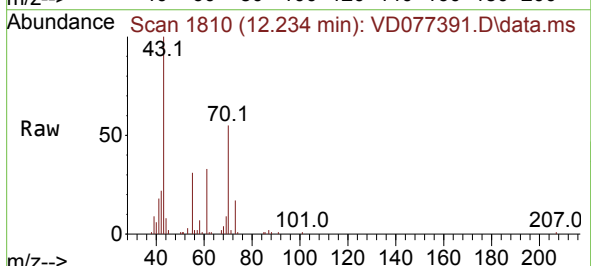


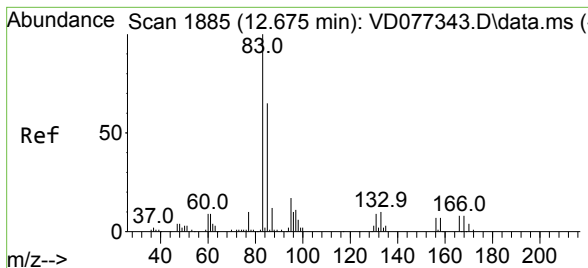
Tgt Ion:105 Resp: 210702
Ion Ratio Lower Upper
105 100
120 26.8 14.3 42.9



#74
N-ethyl acetate
Concen: 24.865 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 43 Resp: 34147
Ion Ratio Lower Upper
43 100
70 54.8 45.0 67.4
55 27.9 23.8 35.6
61 29.1 22.1 33.1

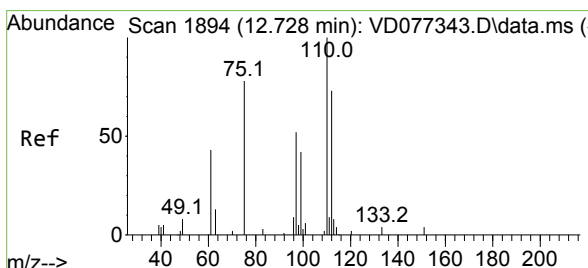
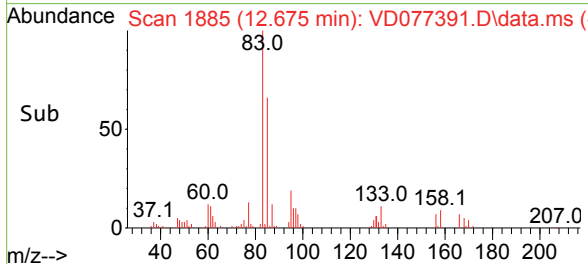
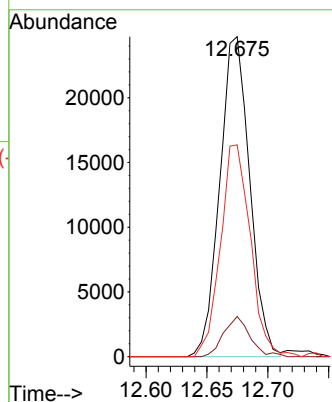
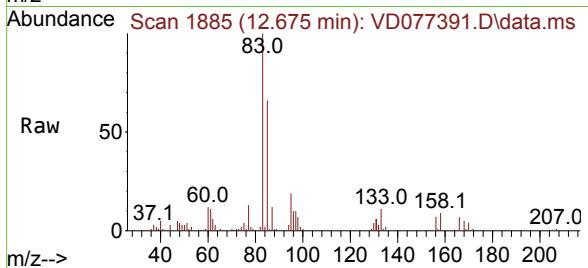




#75
 1,1,2,2-Tetrachloroethane
 Concen: 24.382 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD077391.D
 Acq: 24 Oct 2023 13:23

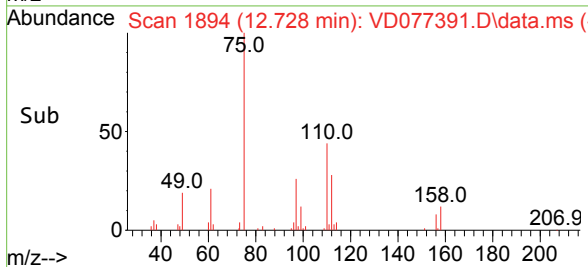
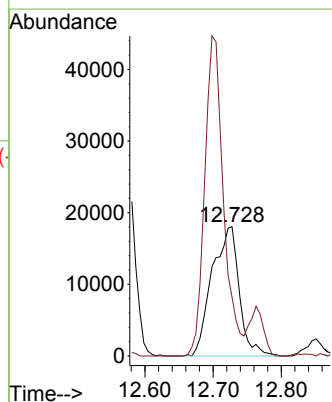
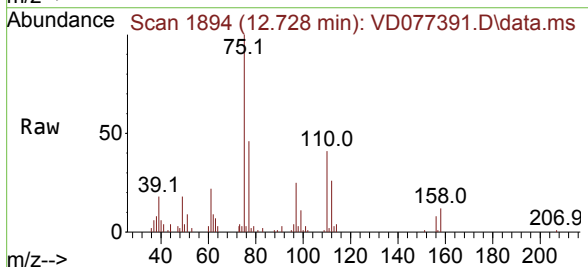
Instrument :
 MSVOA_D
 ClientSampleId :

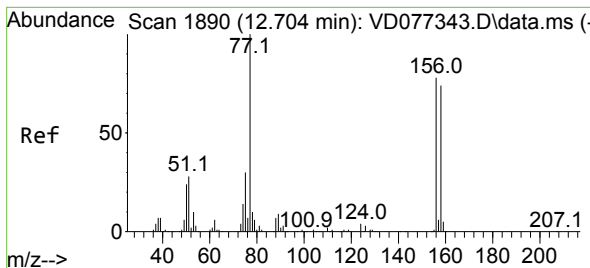
Tgt Ion: 83 Resp: 42295
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.1 15.3
 85 66.2 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 26.861 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VD077391.D
 Acq: 24 Oct 2023 13:23

Tgt Ion: 75 Resp: 50001
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.764 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Instrument :

MSVOA_D

ClientSampleId :

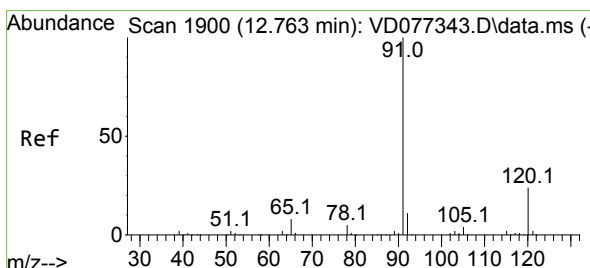
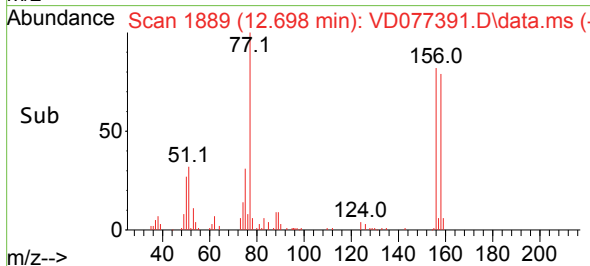
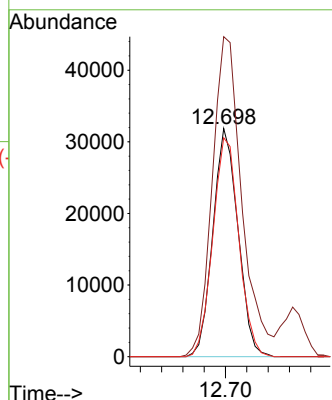
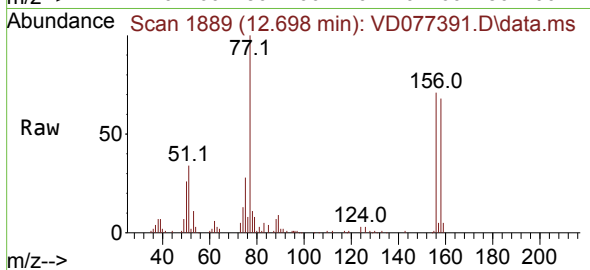
Tgt Ion:156 Resp: 52039

Ion Ratio Lower Upper

156 100

77 165.4 76.8 230.4

158 99.7 48.6 145.9



#78

n-propylbenzene

Concen: 23.578 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077391.D

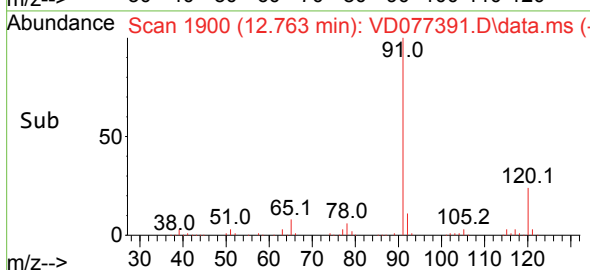
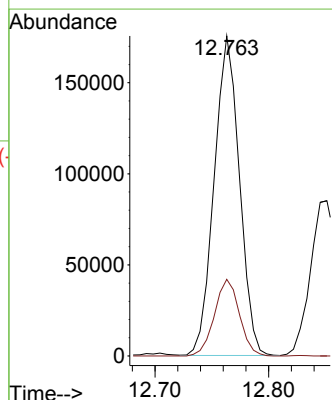
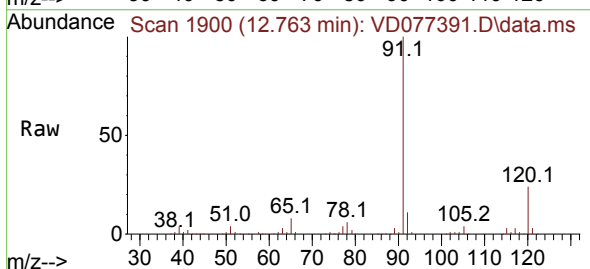
Acq: 24 Oct 2023 13:23

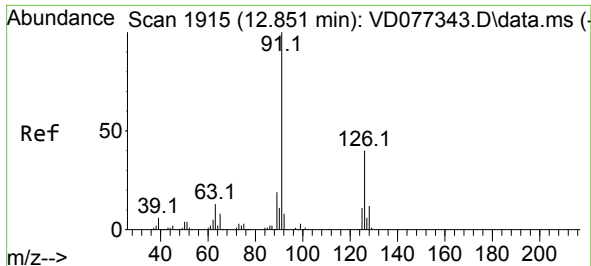
Tgt Ion: 91 Resp: 271060

Ion Ratio Lower Upper

91 100

120 23.6 12.4 37.2

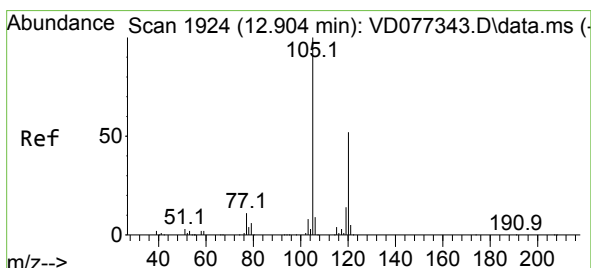
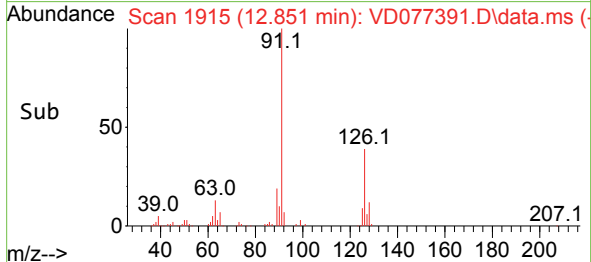
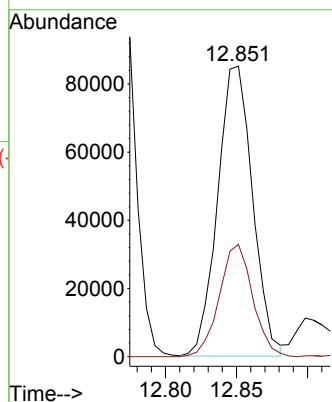
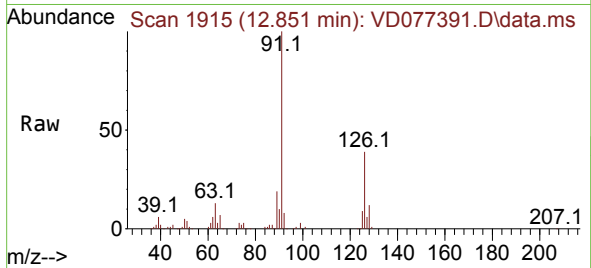




#79
2-Chlorotoluene
Concen: 23.292 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

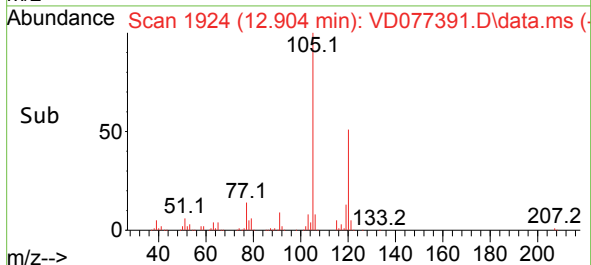
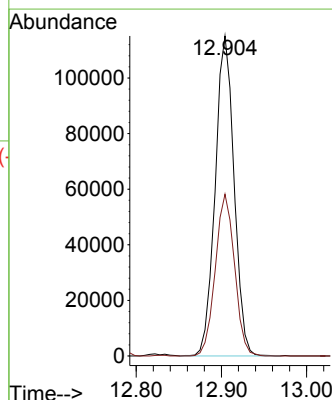
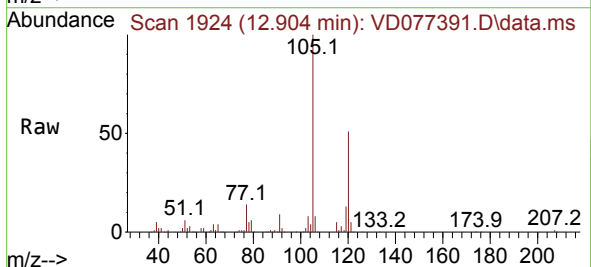
Instrument :
MSVOA_D
ClientSampleId :

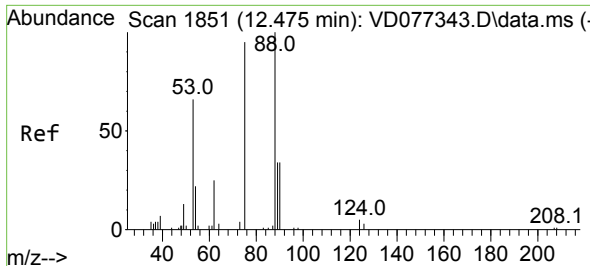
Tgt Ion: 91 Resp: 145855
Ion Ratio Lower Upper
91 100
126 36.9 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 22.560 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 105 Resp: 177714
Ion Ratio Lower Upper
105 100
120 51.4 26.4 79.2

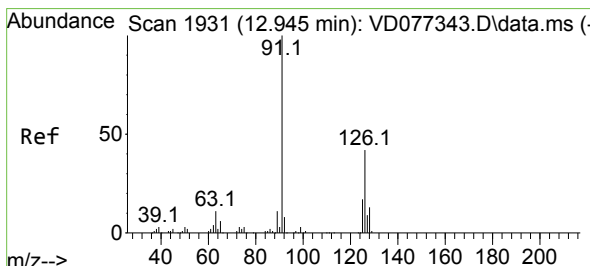
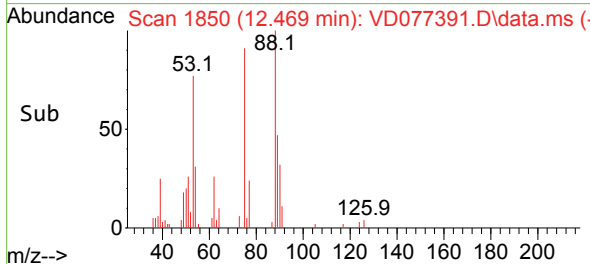
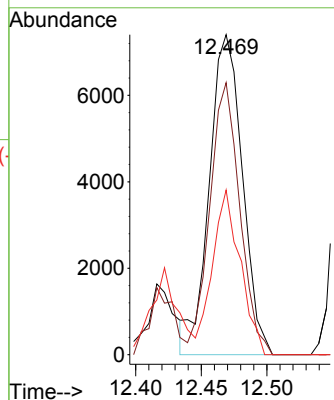
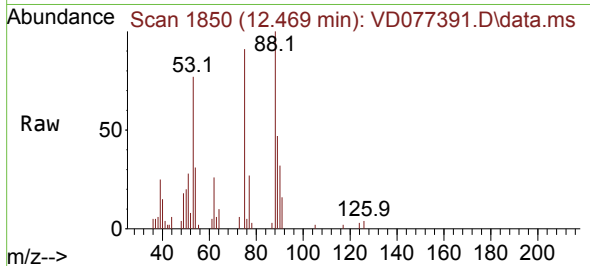




#81
trans-1,4-Dichloro-2-butene
Concen: 24.135 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

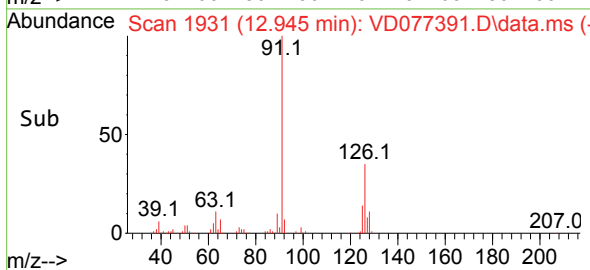
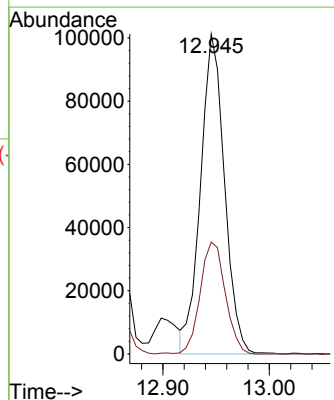
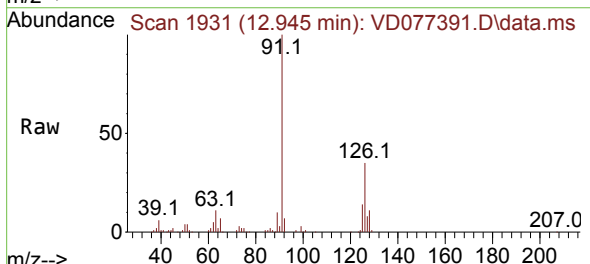
Instrument :
MSVOA_D
ClientSampleId :

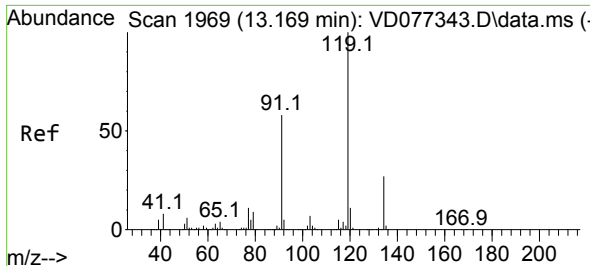
Tgt Ion: 75 Resp: 12999
Ion Ratio Lower Upper
75 100
53 77.1 63.0 94.4
89 43.0 37.9 56.9



#82
4-Chlorotoluene
Concen: 24.271 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 91 Resp: 158231
Ion Ratio Lower Upper
91 100
126 36.8 19.4 58.4

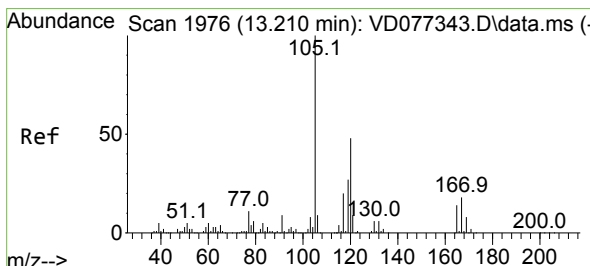
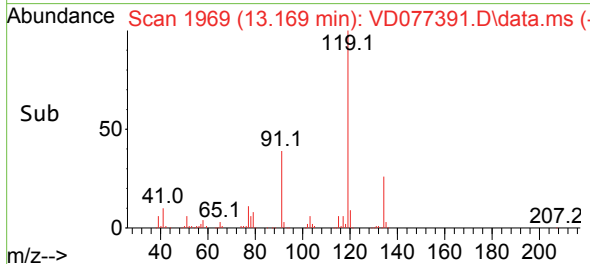
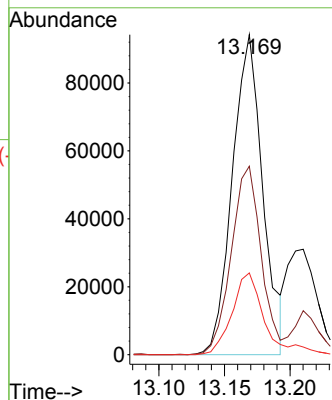
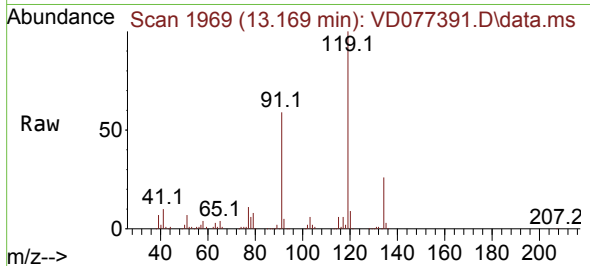




#83
tert-Butylbenzene
Concen: 21.800 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

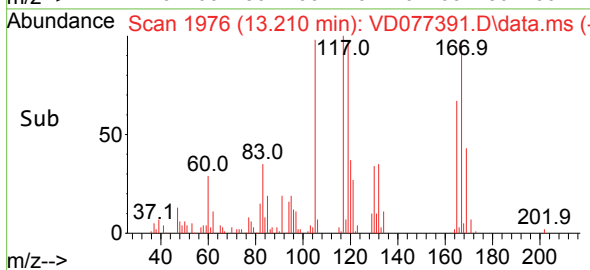
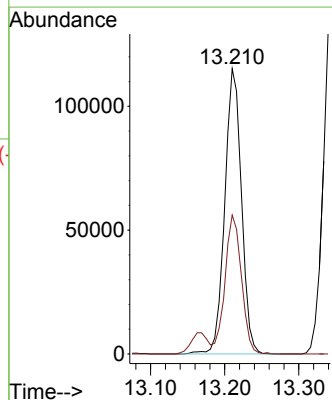
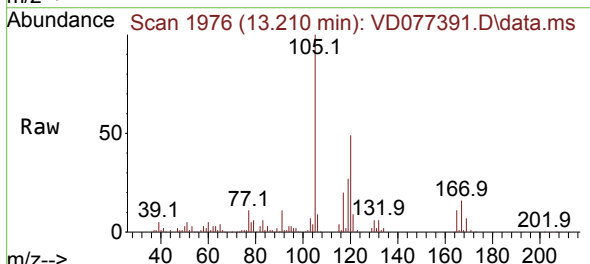
Instrument :
MSVOA_D
ClientSampleId :

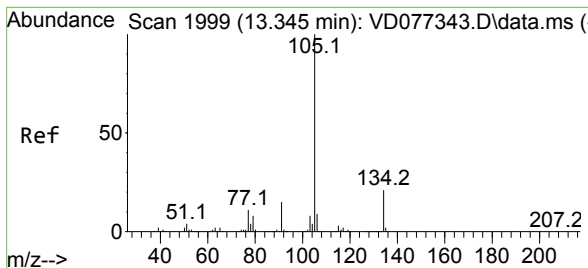
Tgt Ion:119 Resp: 152256
Ion Ratio Lower Upper
119 100
91 58.0 29.3 87.8
134 27.2 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 22.698 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion:105 Resp: 180024
Ion Ratio Lower Upper
105 100
120 48.1 24.3 72.9

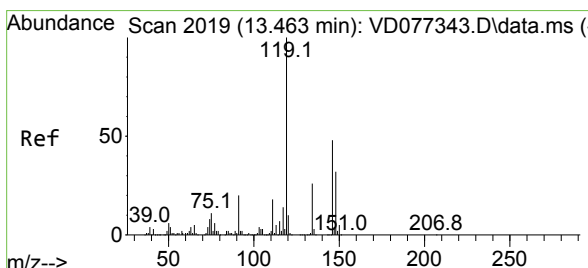
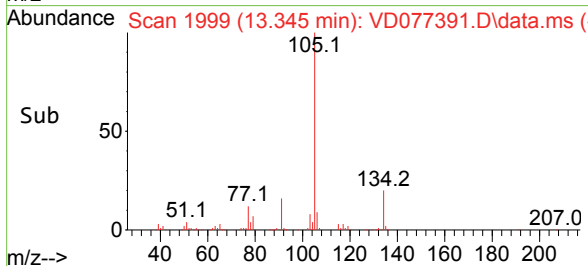
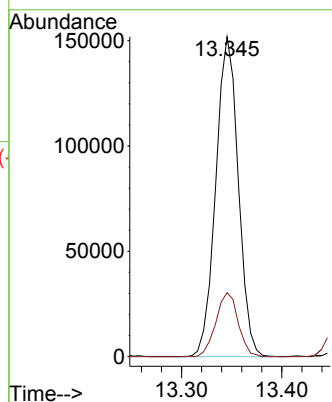
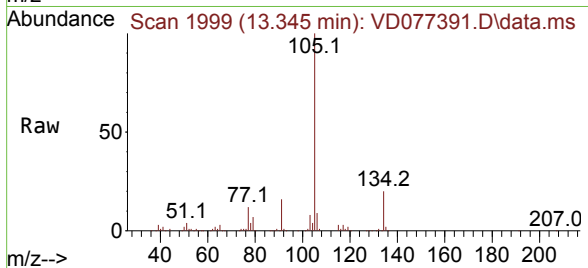




#85
 sec-Butylbenzene
 Concen: 22.457 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077391.D
 Acq: 24 Oct 2023 13:23

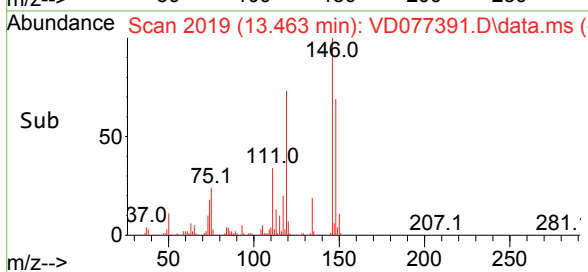
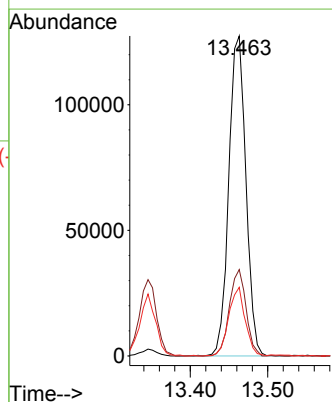
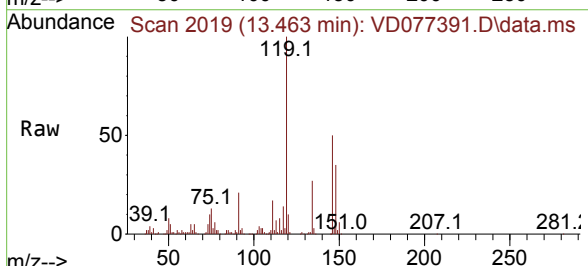
Instrument :
 MSVOA_D
 ClientSampleId :

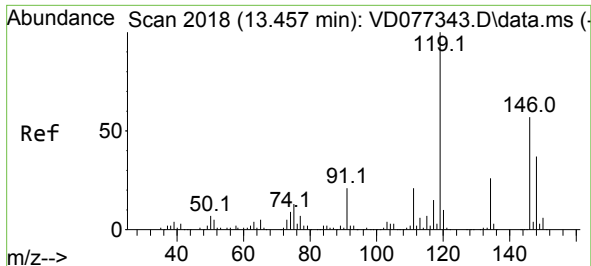
Tgt Ion:105 Resp: 236012
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 21.418 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077391.D
 Acq: 24 Oct 2023 13:23

Tgt Ion:119 Resp: 195553
 Ion Ratio Lower Upper
 119 100
 134 26.4 14.2 42.6
 91 20.8 10.5 31.5

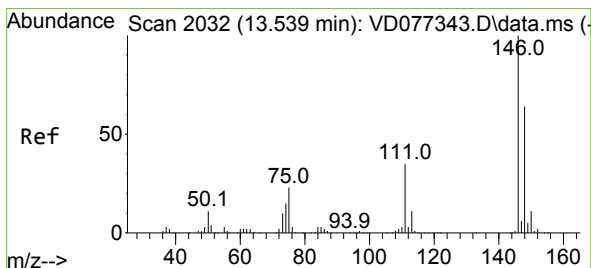
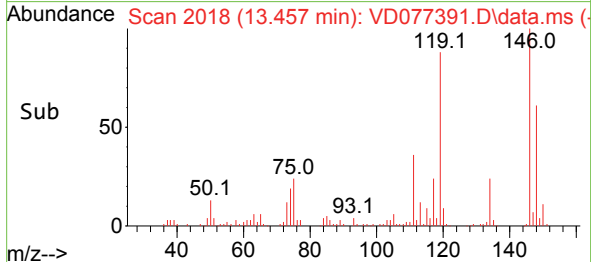
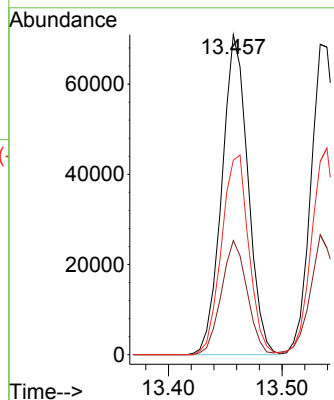
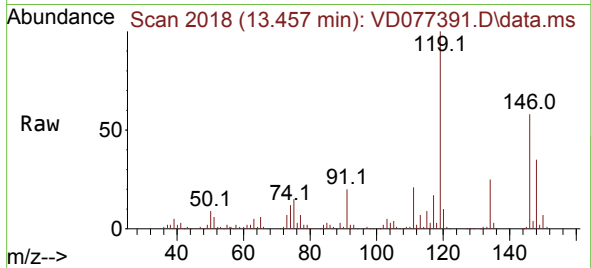




#87
 1,3-Dichlorobenzene
 Concen: 21.480 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD077391.D
 Acq: 24 Oct 2023 13:23

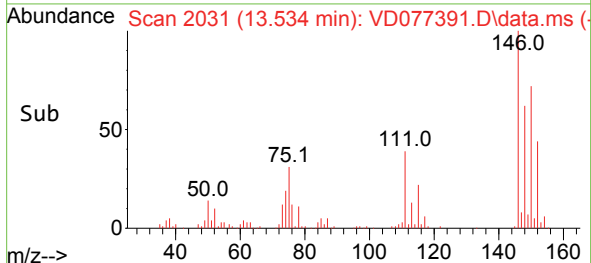
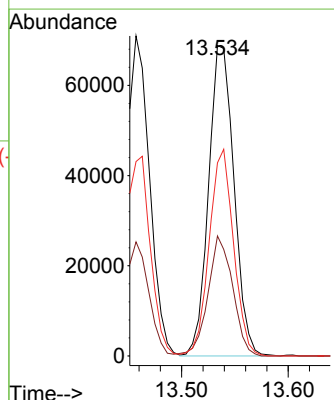
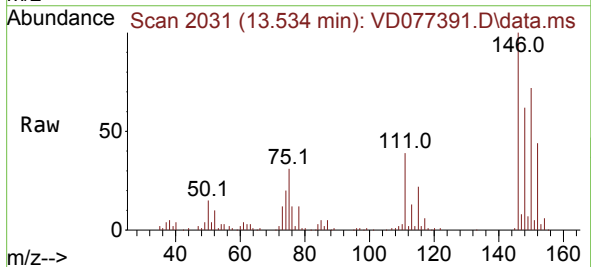
Instrument :
 MSVOA_D
 ClientSampleId :

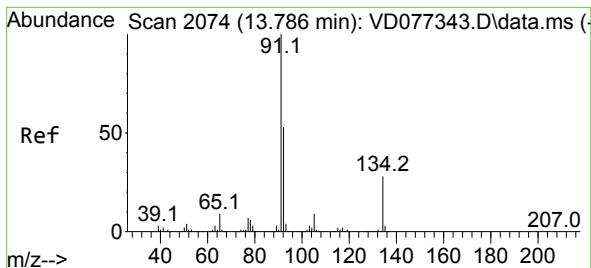
Tgt Ion:146 Resp: 113290
 Ion Ratio Lower Upper
 146 100
 111 35.2 17.9 53.8
 148 65.1 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 21.809 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. -0.006 min
 Lab File: VD077391.D
 Acq: 24 Oct 2023 13:23

Tgt Ion:146 Resp: 113982
 Ion Ratio Lower Upper
 146 100
 111 37.6 17.4 52.3
 148 63.8 31.7 95.1





#89

n-Butylbenzene

Concen: 24.889 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Instrument :

MSVOA_D

ClientSampleId :

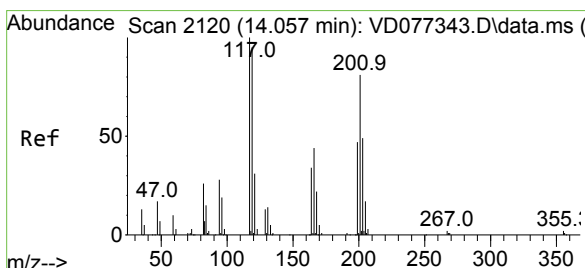
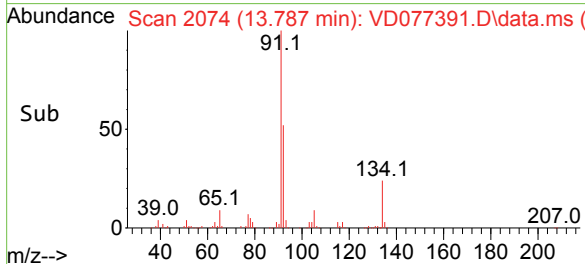
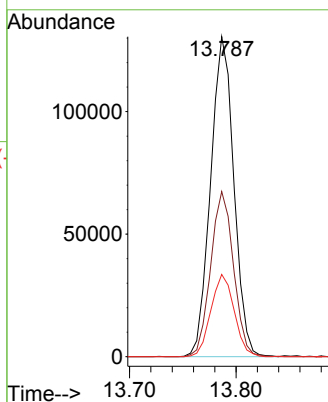
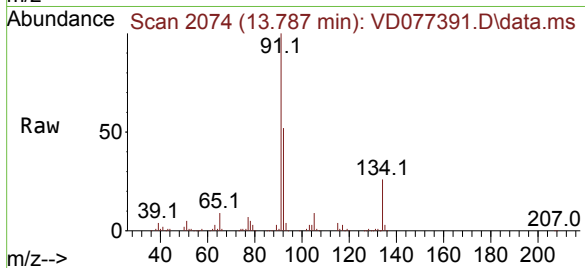
Tgt Ion: 91 Resp: 197872

Ion Ratio Lower Upper

91 100

92 50.7 26.5 79.5

134 25.8 13.8 41.3



#90

Hexachloroethane

Concen: 28.625 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD077391.D

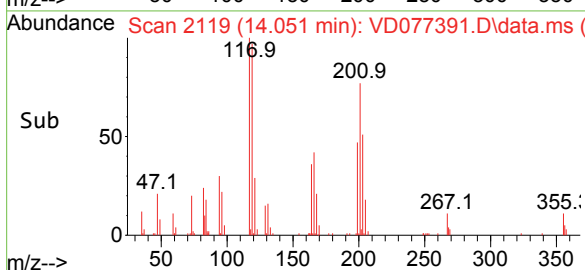
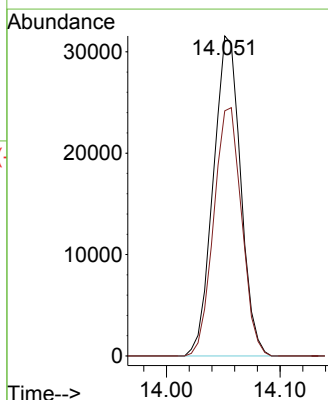
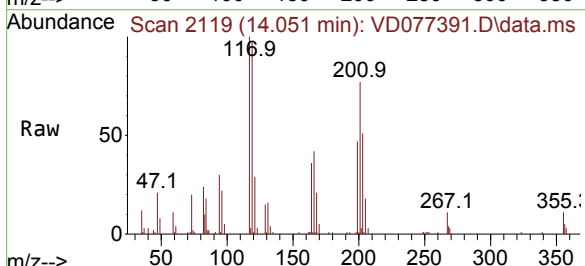
Acq: 24 Oct 2023 13:23

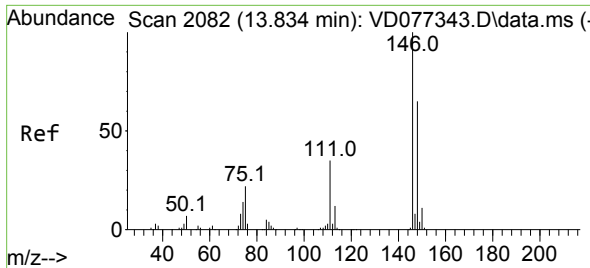
Tgt Ion: 117 Resp: 52830

Ion Ratio Lower Upper

117 100

201 79.1 38.5 115.5

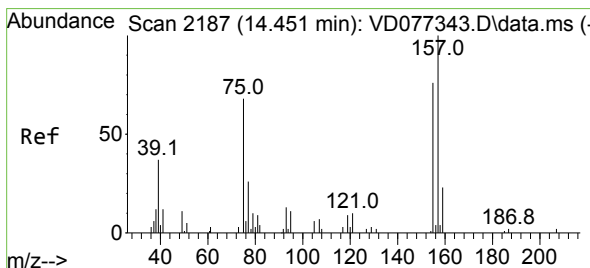
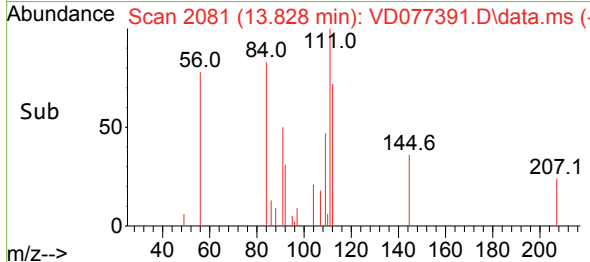
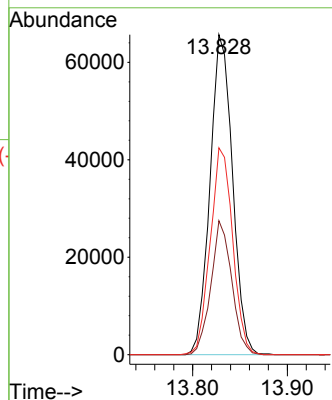
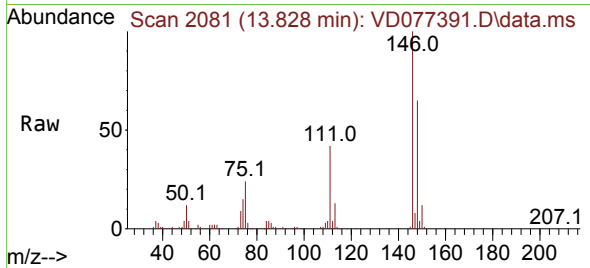




#91
1,2-Dichlorobenzene
Concen: 24.317 ug/l
RT: 13.828 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

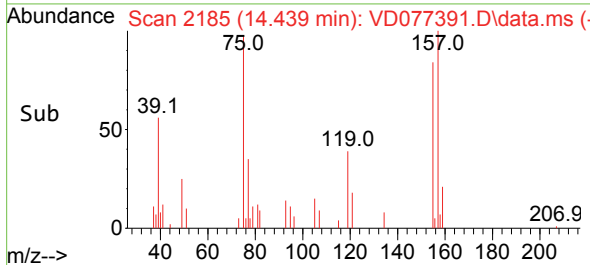
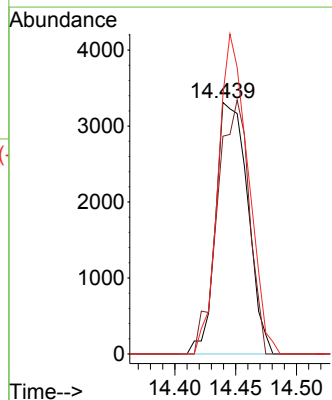
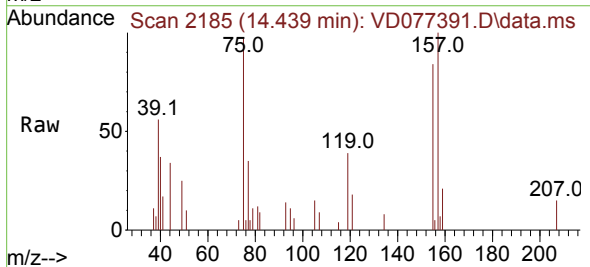
Instrument :
MSVOA_D
ClientSampleId :

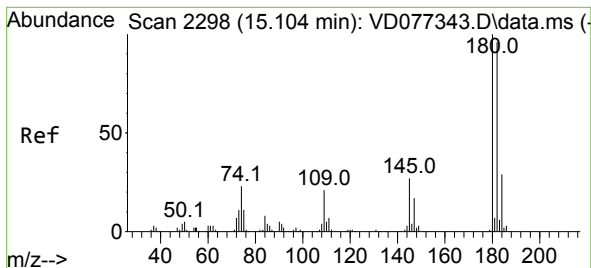
Tgt Ion:146 Resp: 108340
Ion Ratio Lower Upper
146 100
111 38.8 18.3 54.8
148 64.5 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 28.575 ug/l
RT: 14.439 min Scan# 2185
Delta R.T. -0.012 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion: 75 Resp: 6067
Ion Ratio Lower Upper
75 100
155 99.1 47.9 143.8
157 119.1 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.372 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

Instrument :

MSVOA_D

ClientSampleId :

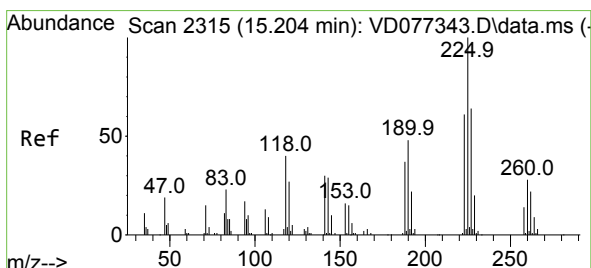
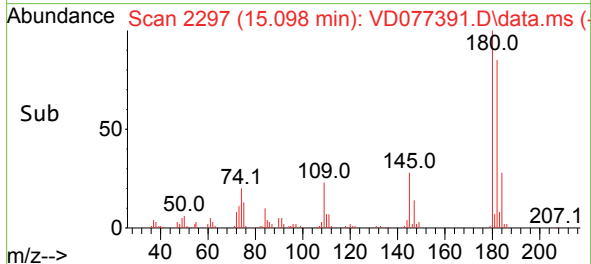
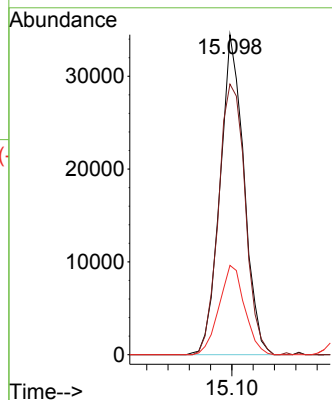
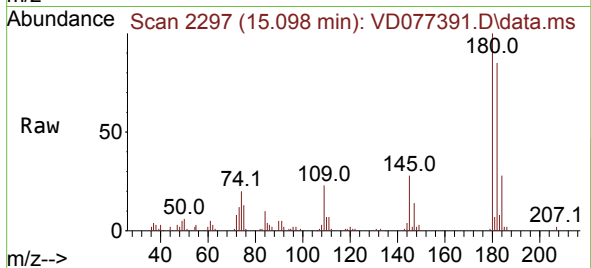
Tgt Ion:180 Resp: 53775

Ion Ratio Lower Upper

180 100

182 94.2 48.5 145.6

145 29.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.321 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD077391.D

Acq: 24 Oct 2023 13:23

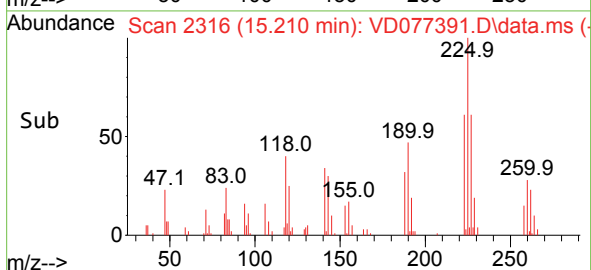
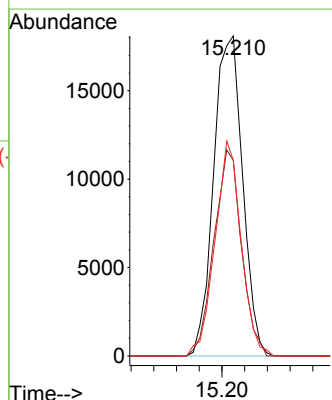
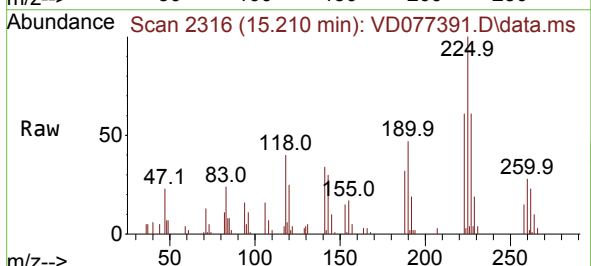
Tgt Ion:225 Resp: 32037

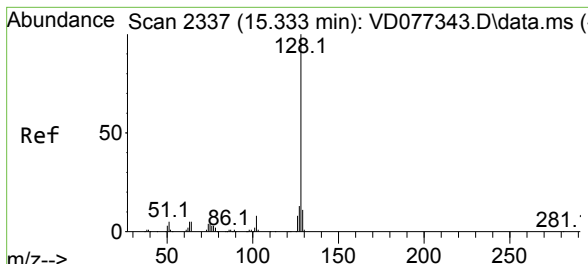
Ion Ratio Lower Upper

225 100

223 61.0 31.6 94.8

227 60.6 31.7 95.1

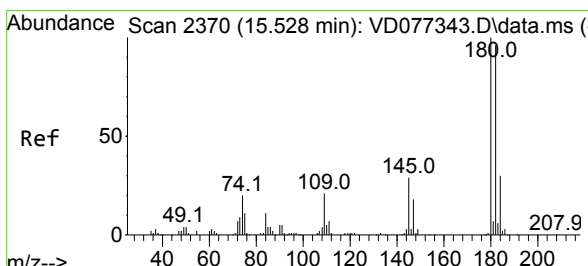
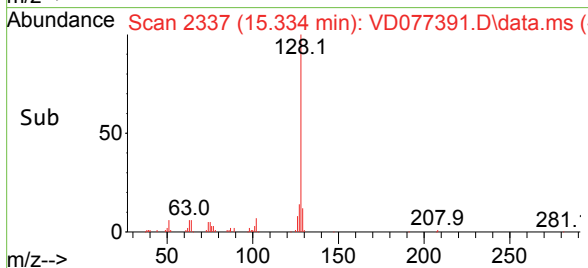
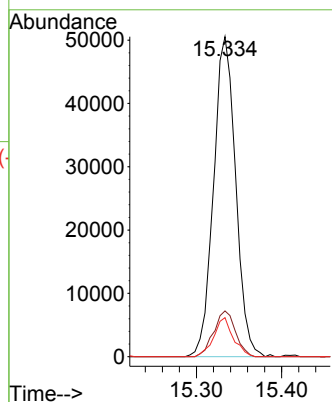
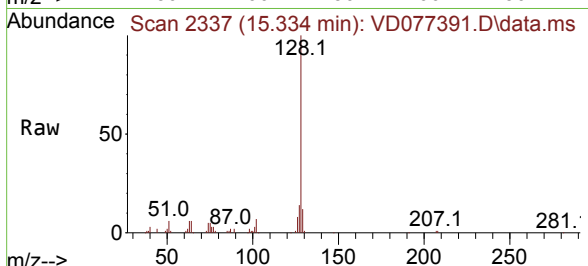




#95
Naphthalene
Concen: 19.459 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	91202
Ion Ratio	Lower	Upper	
128	100		
127	14.3	10.5	15.7
129	12.2	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.046 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD077391.D
Acq: 24 Oct 2023 13:23

Tgt Ion:	180	Resp:	48299
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.3	141.9
145	31.3	15.1	45.3

