

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102323\
 Data File : VD077378.D
 Acq On : 23 Oct 2023 12:14
 Operator : JC/SY
 Sample : VD1023SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 23 23:38:36 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	180550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	312599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	289620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	150316	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	74589	46.265	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.540%
35) Dibromofluoromethane	7.805	113	90712	41.305	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.620%
50) Toluene-d8	10.269	98	325987	41.447	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.900%
62) 4-Bromofluorobenzene	12.575	95	93937	41.491	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	35141	20.935	ug/l	99
3) Chloromethane	2.152	50	72284	21.147	ug/l	99
4) Vinyl Chloride	2.287	62	93913	23.259	ug/l	99
5) Bromomethane	2.693	94	61096	23.547	ug/l	100
6) Chloroethane	2.840	64	68189	24.024	ug/l	97
7) Trichlorofluoromethane	3.181	101	107590	26.267	ug/l	99
8) Diethyl Ether	3.599	74	19292	17.573	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.969	101	41997	19.818	ug/l	99
10) Methyl Iodide	4.169	142	42107	16.239	ug/l #	90
11) Tert butyl alcohol	5.040	59	5511	60.766	ug/l #	73
12) 1,1-Dichloroethene	3.946	96	38948	18.735	ug/l	92
13) Acrolein	3.799	56	15527	98.626	ug/l	91
14) Allyl chloride	4.564	41	41938	21.262	ug/l	98
15) Acrylonitrile	5.264	53	41052	123.397	ug/l	98
16) Acetone	4.022	43	37806	106.937	ug/l	87
17) Carbon Disulfide	4.275	76	124394	20.355	ug/l #	95
18) Methyl Acetate	4.564	43	29065	23.622	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	76997	21.746	ug/l	99
20) Methylene Chloride	4.799	84	52724	21.966	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	47193	21.827	ug/l	98
22) Diisopropyl ether	6.216	45	95150	24.574	ug/l	95
23) Vinyl Acetate	6.158	43	228883	126.139	ug/l	98
24) 1,1-Dichloroethane	6.116	63	78430	24.363	ug/l	97
25) 2-Butanone	7.087	43	43920	119.760	ug/l	90
26) 2,2-Dichloropropane	7.075	77	65639	22.362	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	52216	21.538	ug/l	99
28) Bromochloromethane	7.428	49	28692	24.399	ug/l	93
29) Tetrahydrofuran	7.446	42	26574	125.615	ug/l	97
30) Chloroform	7.599	83	86223	23.344	ug/l	96
31) Cyclohexane	7.875	56	58375	23.272	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	71115	22.317	ug/l	96
36) 1,1-Dichloropropene	8.005	75	60519	20.972	ug/l	97
37) Ethyl Acetate	7.169	43	20744	22.885	ug/l	98
38) Carbon Tetrachloride	7.993	117	64469	20.083	ug/l	99
39) Methylcyclohexane	9.275	83	64812	18.484	ug/l	94
40) Benzene	8.252	78	184180	21.032	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	8535	19.730	ug/l #	72
42) 1,2-Dichloroethane	8.328	62	47498	23.027	ug/l	97
43) Isopropyl Acetate	8.357	43	37352	22.890	ug/l	98
44) Trichloroethene	9.028	130	49870	19.478	ug/l	80
45) 1,2-Dichloropropane	9.310	63	45070	22.327	ug/l	97
46) Dibromomethane	9.393	93	27393	21.706	ug/l	91
47) Bromodichloromethane	9.587	83	65604	21.800	ug/l	98
48) Methyl methacrylate	9.375	41	17677	23.946	ug/l #	83
49) 1,4-Dioxane	9.387	88	5328	450.802	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	95909	117.247	ug/l	95
52) Toluene	10.334	92	120393	21.056	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	59225	21.925	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	69643	21.072	ug/l	93
55) 1,1,2-Trichloroethane	10.734	97	38024	21.753	ug/l	91
56) Ethyl methacrylate	10.599	69	33447	20.022	ug/l	96
57) 1,3-Dichloropropane	10.881	76	59888	22.304	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	90415	109.447	ug/l	98
59) 2-Hexanone	10.922	43	70794	120.499	ug/l	92
60) Dibromochloromethane	11.075	129	44056	19.739	ug/l	96
61) 1,2-Dibromoethane	11.181	107	34327	20.841	ug/l	97
64) Tetrachloroethene	10.810	164	39086	18.157	ug/l	94
65) Chlorobenzene	11.610	112	125922	19.947	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	46926	19.555	ug/l	99
67) Ethyl Benzene	11.687	91	209059	19.978	ug/l	95
68) m/p-Xylenes	11.793	106	171643	39.943	ug/l	93
69) o-Xylene	12.122	106	74432	18.816	ug/l	91
70) Styrene	12.134	104	137649	20.395	ug/l	100
71) Bromoform	12.298	173	26598	20.219	ug/l #	96
73) Isopropylbenzene	12.422	105	197707	19.885	ug/l	96
74) N-amyl acetate	12.234	43	33908	23.706	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	42833	23.707	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	46913	24.469	ug/l #	100
77) Bromobenzene	12.698	156	50422	19.317	ug/l	95
78) n-propylbenzene	12.763	91	249077	20.801	ug/l	98
79) 2-Chlorotoluene	12.851	91	135108	20.716	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	165976	20.229	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	12933	23.054	ug/l	93
82) 4-Chlorotoluene	12.945	91	145120	21.372	ug/l	97
83) tert-Butylbenzene	13.169	119	139511	19.179	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	165909	20.084	ug/l	99
85) sec-Butylbenzene	13.345	105	219150	20.020	ug/l	95
86) p-Isopropyltoluene	13.463	119	180232	18.953	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	108903	19.825	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	106113	19.493	ug/l	97
89) n-Butylbenzene	13.787	91	168186	20.311	ug/l	97
90) Hexachloroethane	14.051	117	40786	21.218	ug/l	92
91) 1,2-Dichlorobenzene	13.834	146	94309	20.324	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5670	25.640	ug/l	93
93) 1,2,4-Trichlorobenzene	15.104	180	52284	18.084	ug/l	96
94) Hexachlorobutadiene	15.204	225	28255	17.208	ug/l	100
95) Naphthalene	15.334	128	92024	18.851	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	46004	18.332	ug/l	100

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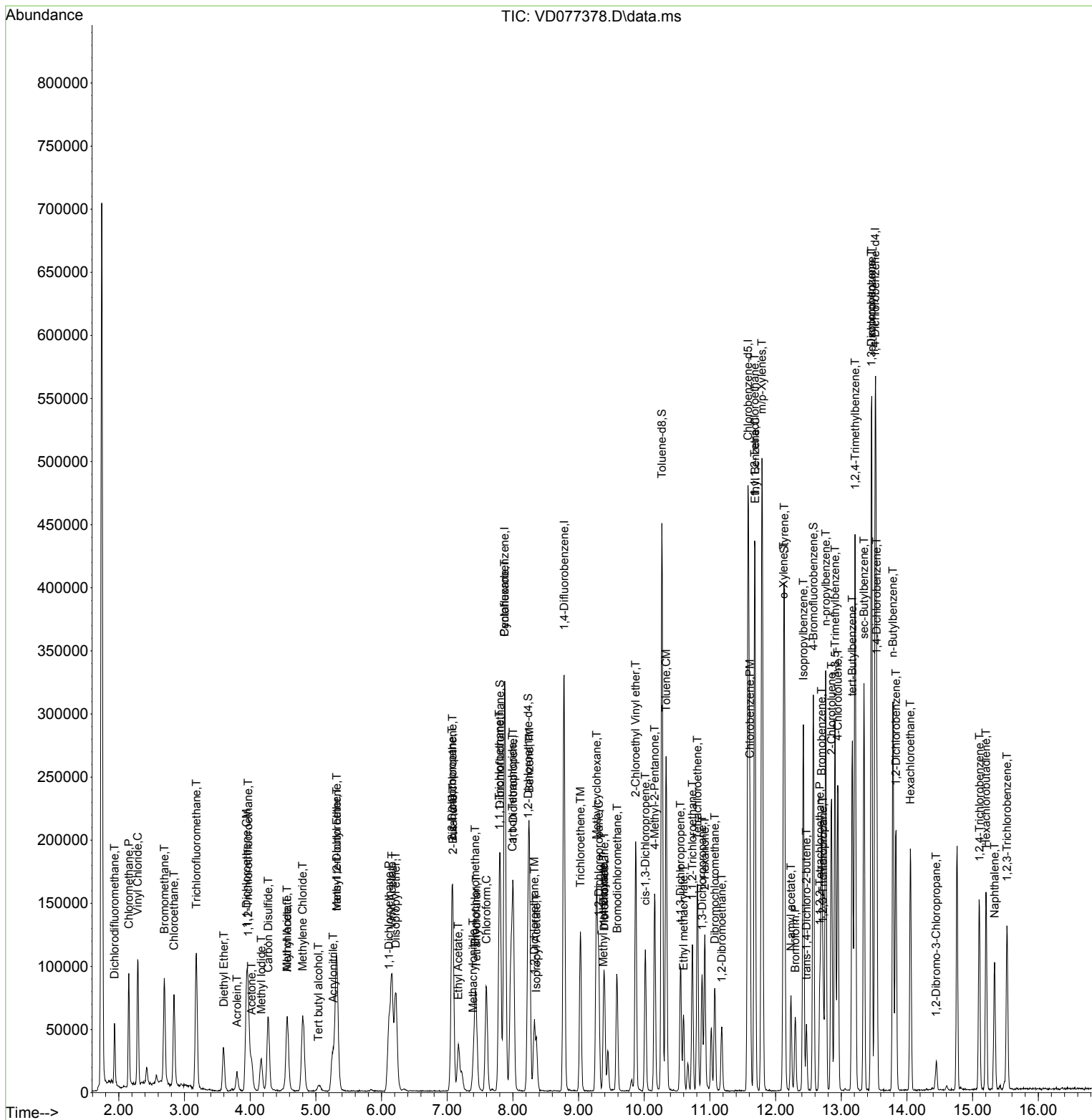
Instrument :
MSVOA_D
ClientSampleId :

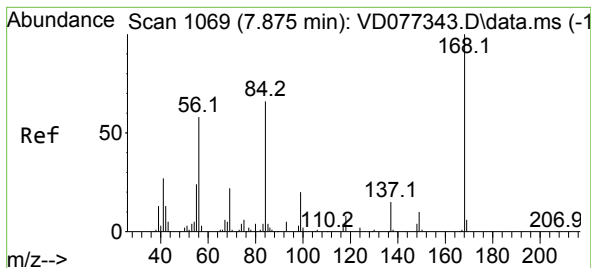
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

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Instrument :

MSVOA_D

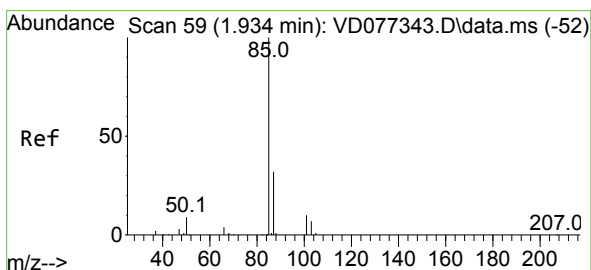
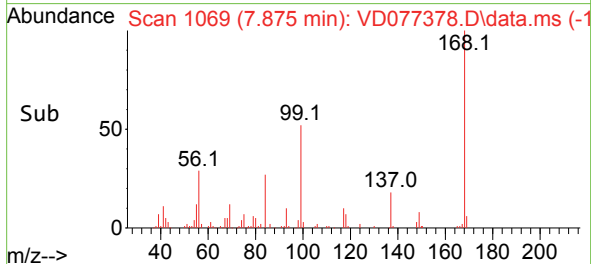
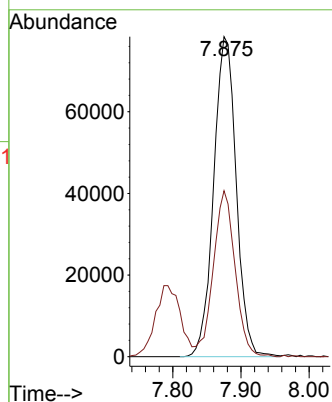
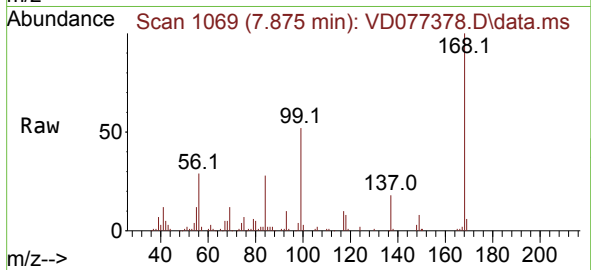
ClientSampleId :

Tgt Ion:168 Resp: 180550

Ion Ratio Lower Upper

168 100

99 51.8 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 20.935 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077378.D

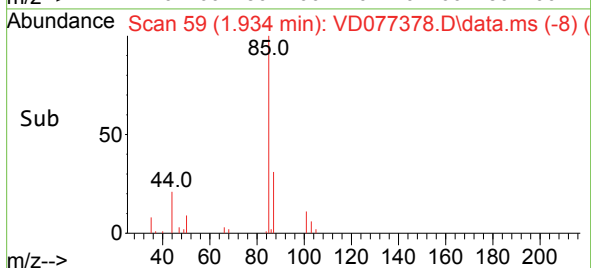
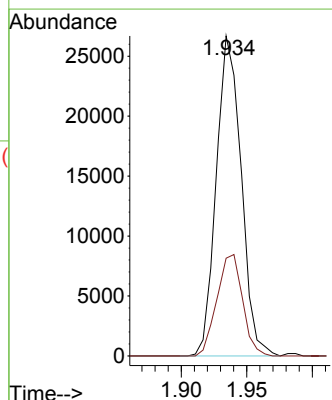
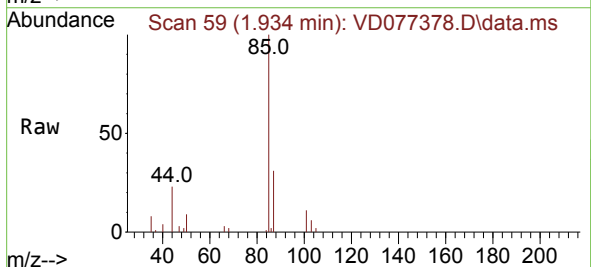
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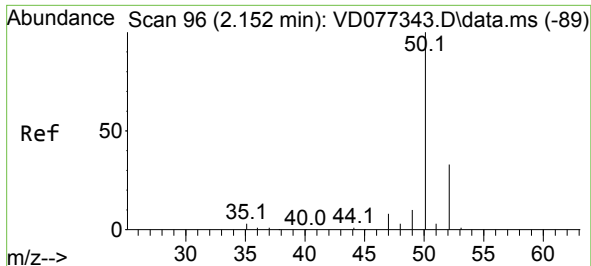
Tgt Ion: 85 Resp: 35141

Ion Ratio Lower Upper

85 100

87 30.6 15.7 47.0

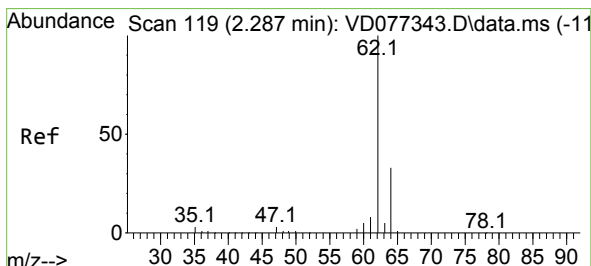
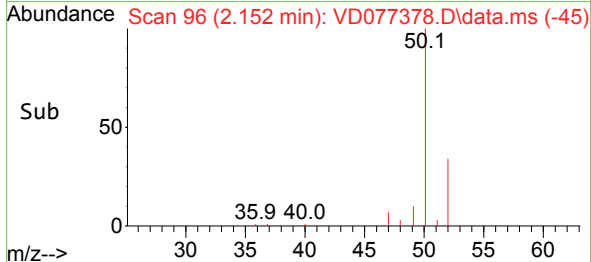
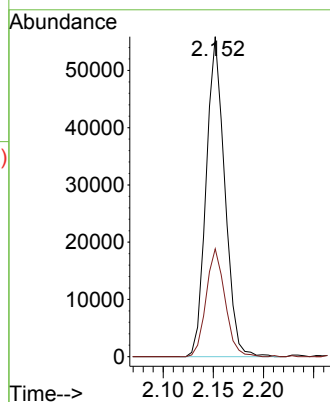
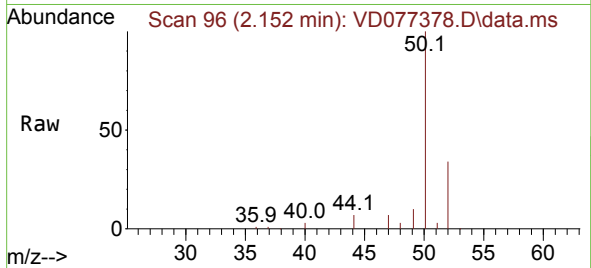




#3
Chloromethane
Concen: 21.147 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

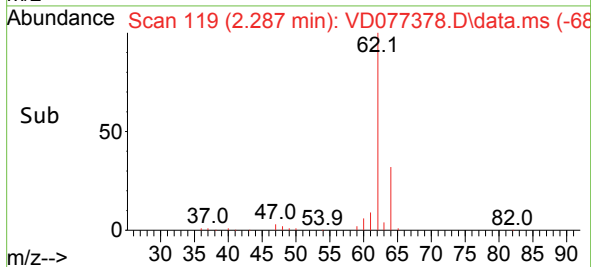
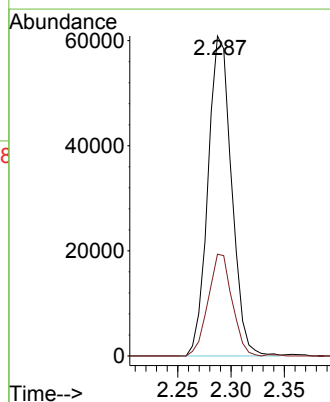
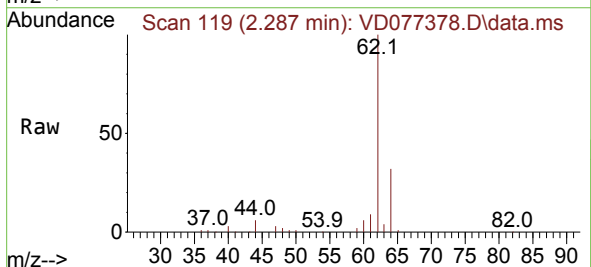
Instrument :
MSVOA_D
ClientSampleId :

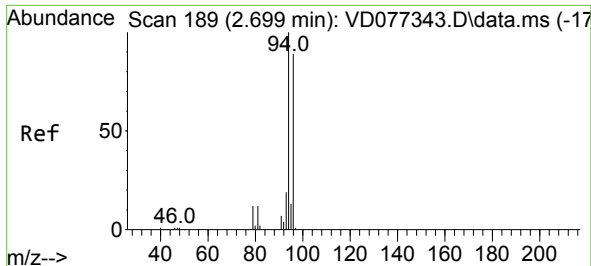
Tgt Ion: 50 Resp: 72284
Ion Ratio Lower Upper
50 100
52 33.7 26.6 40.0



#4
Vinyl Chloride
Concen: 23.259 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

Tgt Ion: 62 Resp: 93913
Ion Ratio Lower Upper
62 100
64 31.8 26.0 39.0

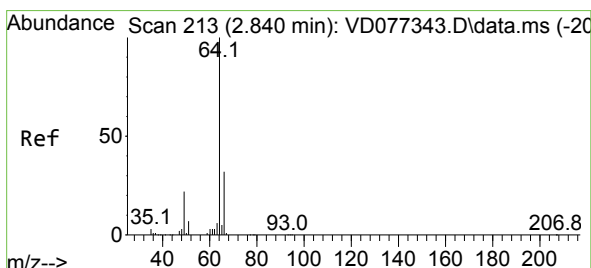
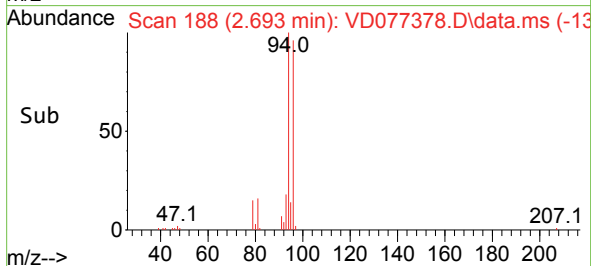
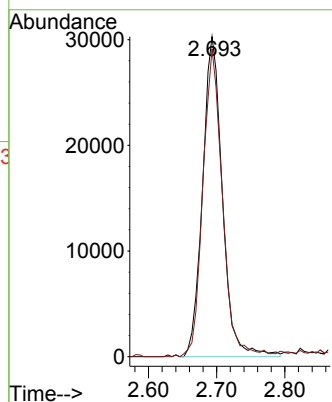
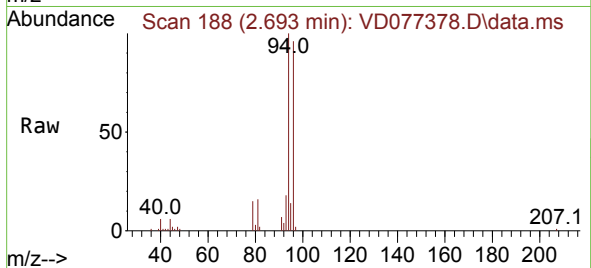




#5
Bromomethane
Concen: 23.547 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

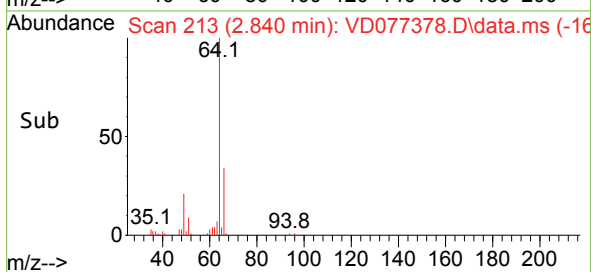
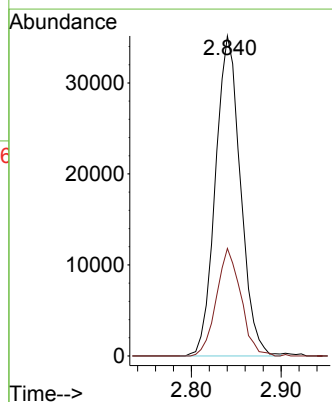
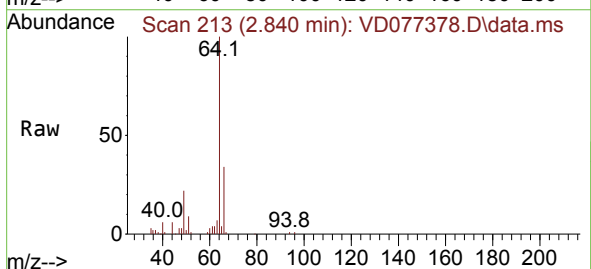
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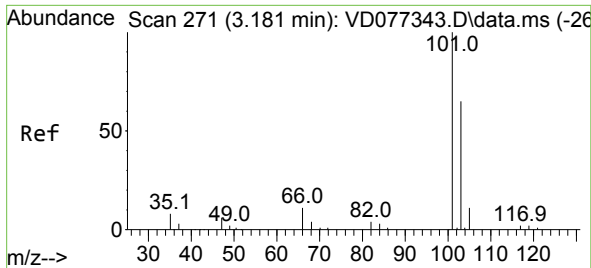
Tgt Ion: 94 Resp: 61096
Ion Ratio Lower Upper
94 100
96 95.3 75.8 113.8



#6
Chloroethane
Concen: 24.024 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

Tgt Ion: 64 Resp: 68189
Ion Ratio Lower Upper
64 100
66 33.6 25.5 38.3

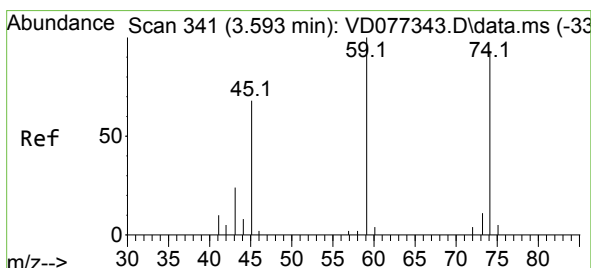
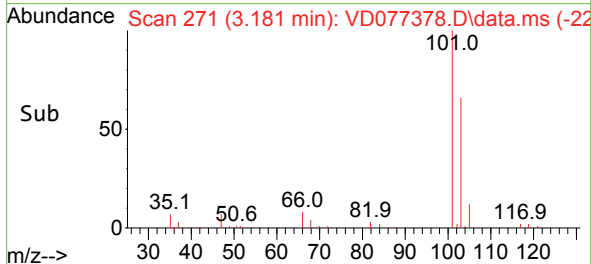
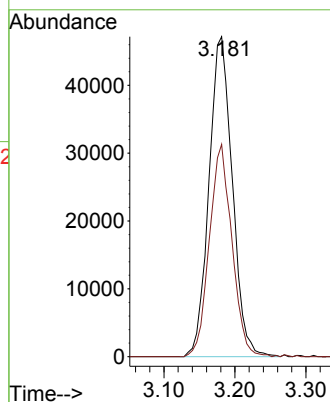
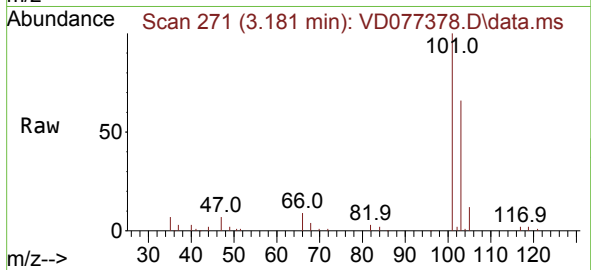




#7
 Trichlorofluoromethane
 Concen: 26.267 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077378.D
 Acq: 23 Oct 2023 12:14

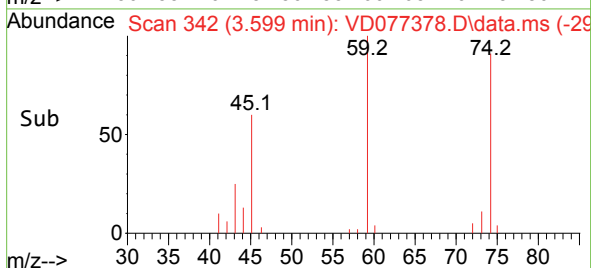
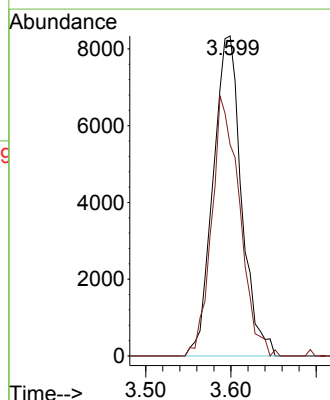
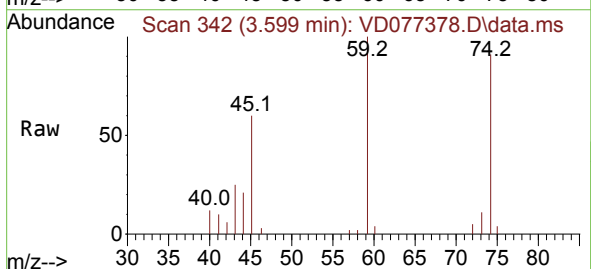
Instrument :
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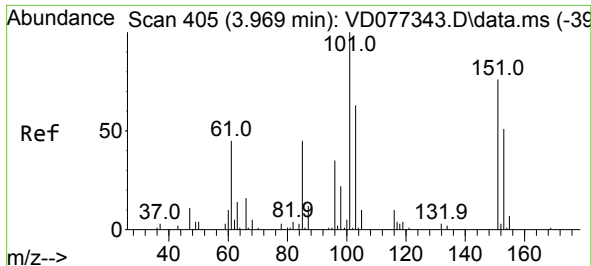
Tgt Ion:101 Resp: 107590
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.3 78.5



#8
 Diethyl Ether
 Concen: 17.573 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD077378.D
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Tgt Ion: 74 Resp: 19292
 Ion Ratio Lower Upper
 74 100
 45 79.8 37.5 112.7

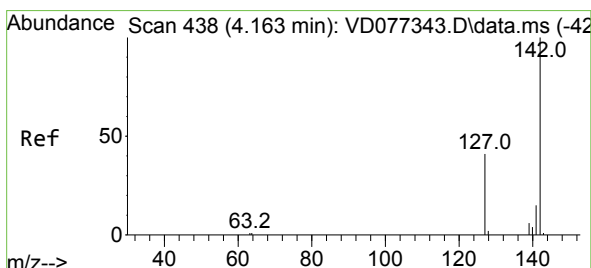
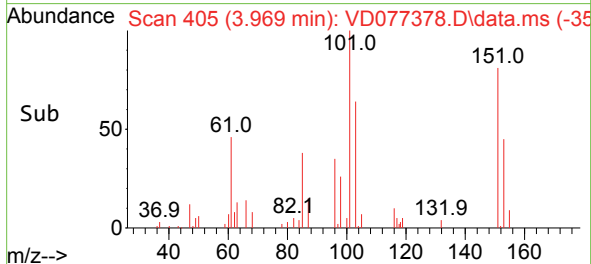
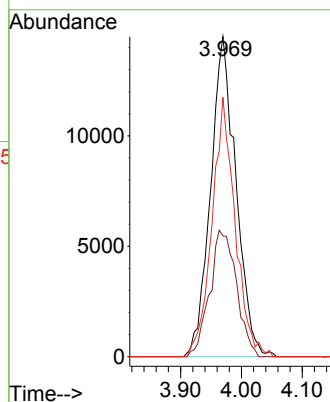
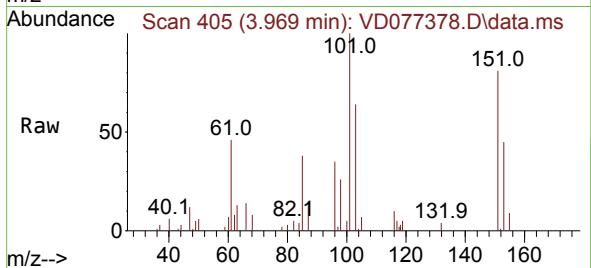




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.818 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

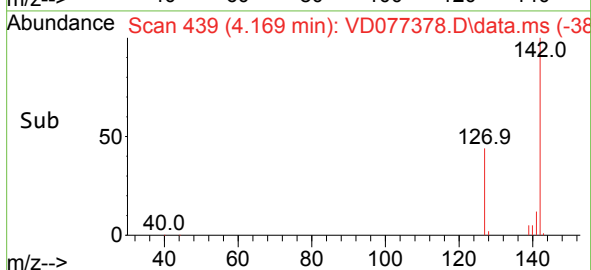
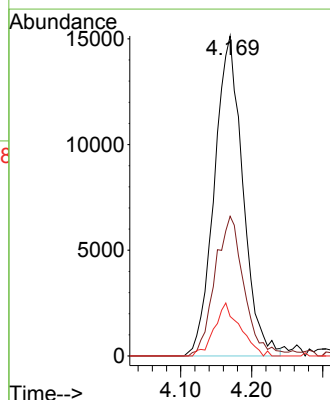
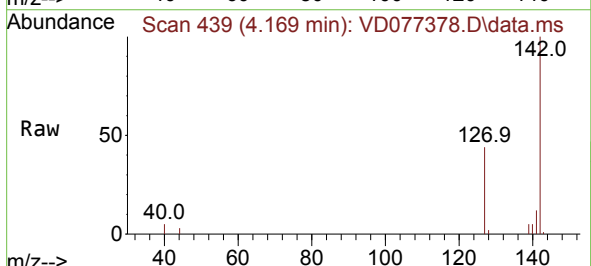
Instrument :
MSVOA_D
ClientSampleId :

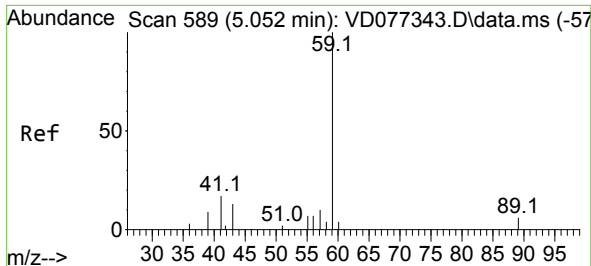
Tgt Ion:101 Resp: 41997
Ion Ratio Lower Upper
101 100
85 41.5 33.8 50.6
151 73.9 59.8 89.6



#10
Methyl Iodide
Concen: 16.239 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

Tgt Ion:142 Resp: 42107
Ion Ratio Lower Upper
142 100
127 44.6 29.4 44.0#
141 15.0 11.1 16.7

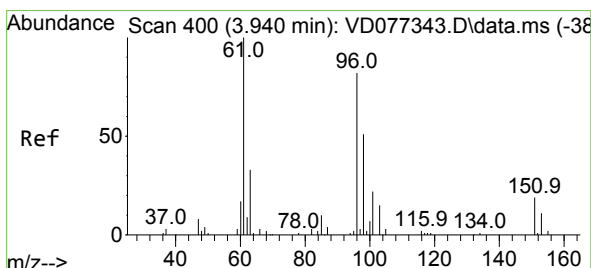
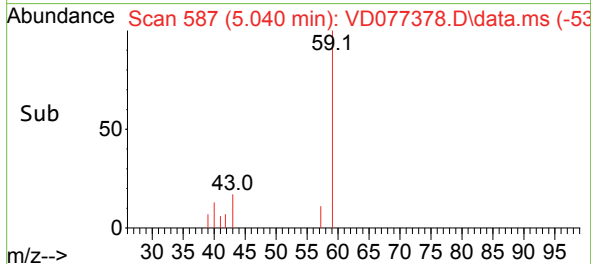
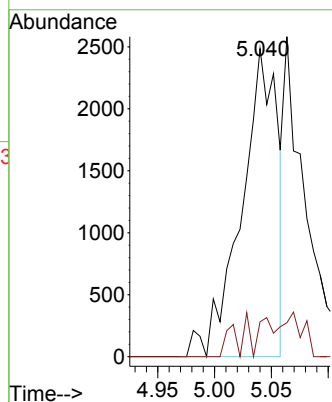
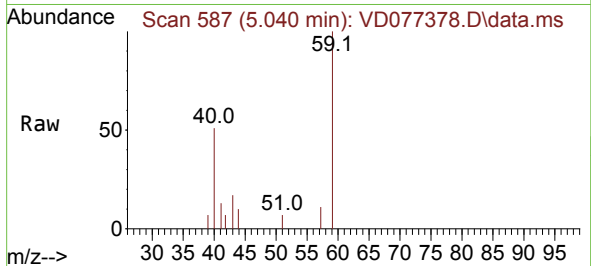




#11
Tert butyl alcohol
Concen: 60.766 ug/l
RT: 5.040 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

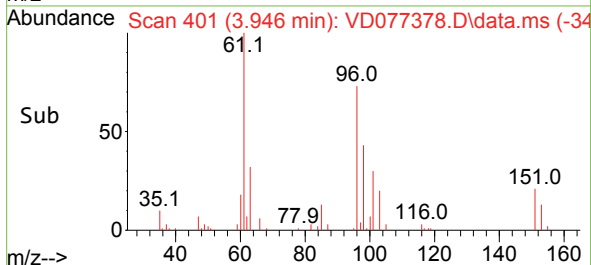
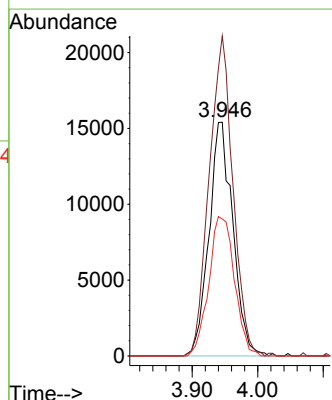
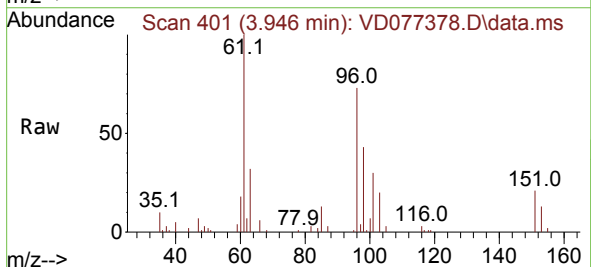
Instrument :
MSVOA_D
ClientSampleId :

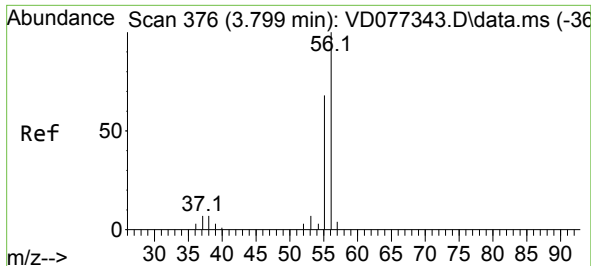
Tgt Ion: 59 Resp: 5511
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 18.735 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

Tgt Ion: 96 Resp: 38948
Ion Ratio Lower Upper
96 100
61 136.9 100.6 150.8
98 58.5 50.2 75.2

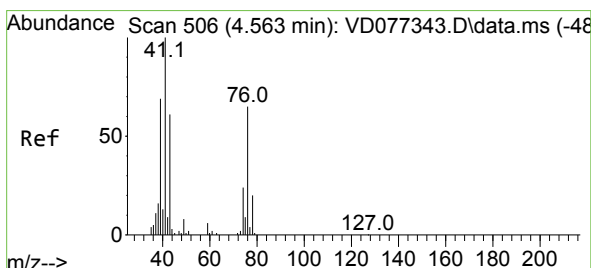
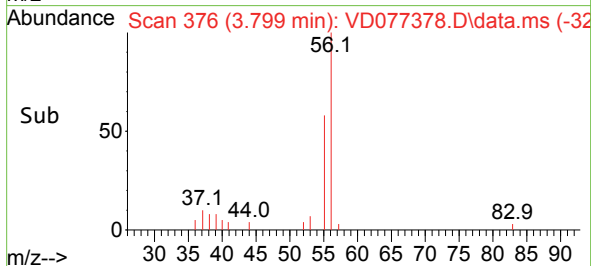
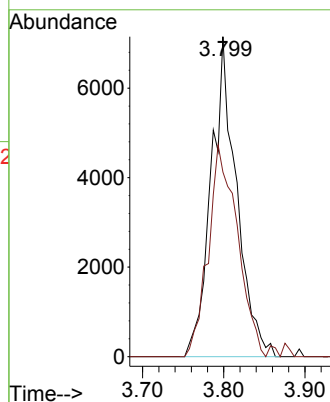
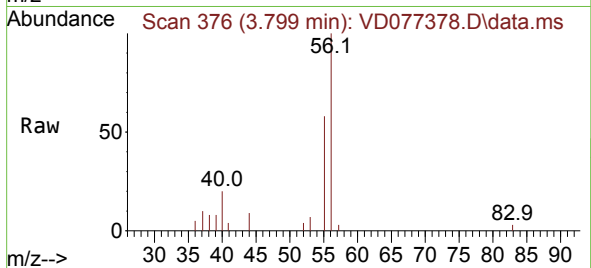




#13
Acrolein
Concen: 98.626 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

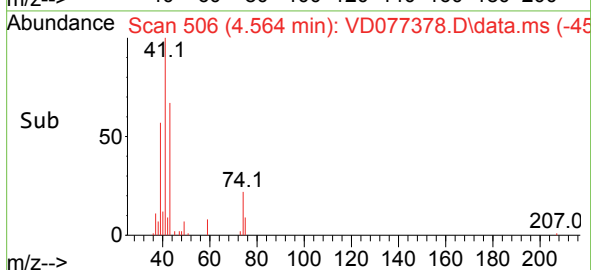
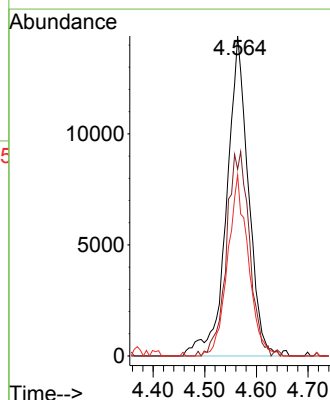
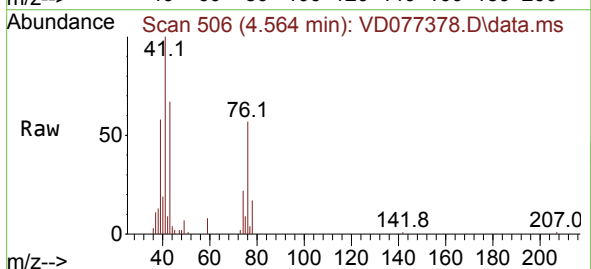
Instrument :
MSVOA_D
ClientSampleId :

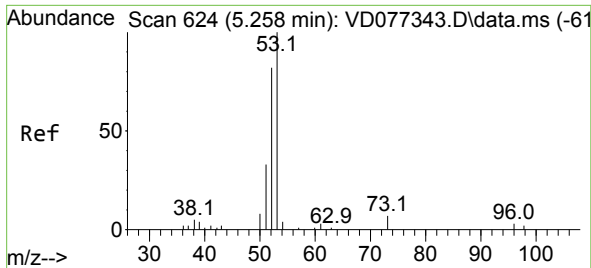
Tgt Ion: 56 Resp: 15527
Ion Ratio Lower Upper
56 100
55 76.2 55.1 82.7



#14
Allyl chloride
Concen: 21.262 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

Tgt Ion: 41 Resp: 41938
Ion Ratio Lower Upper
41 100
39 67.5 53.8 80.6
76 54.0 45.8 68.8

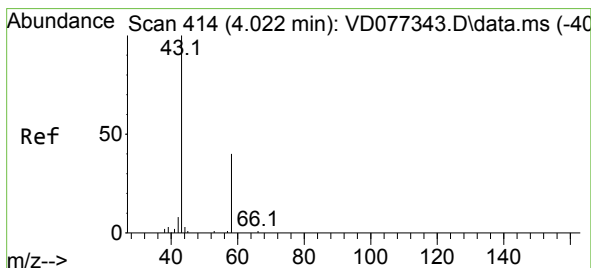
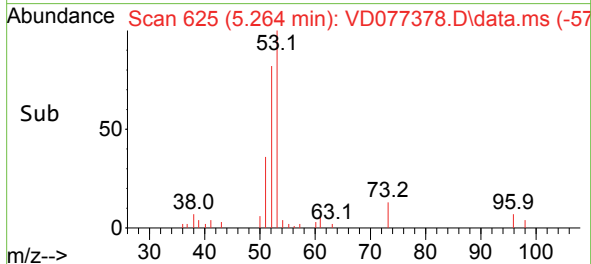
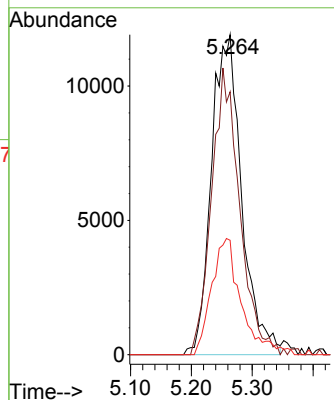
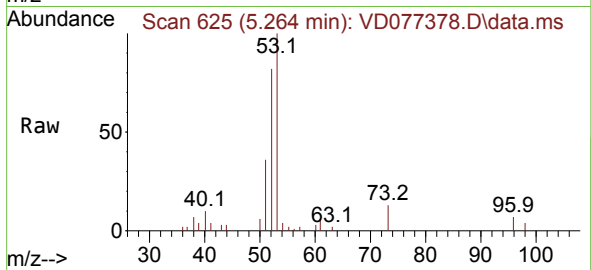




#15
Acrylonitrile
Concen: 123.397 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

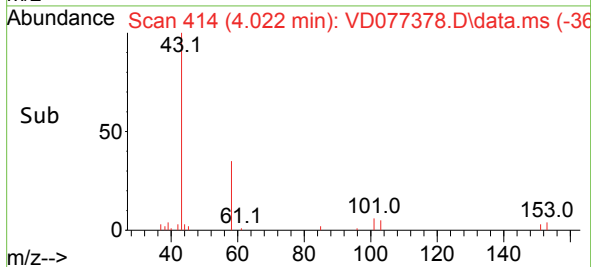
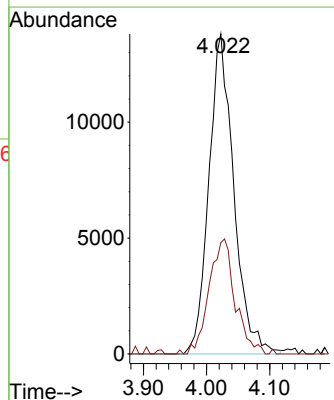
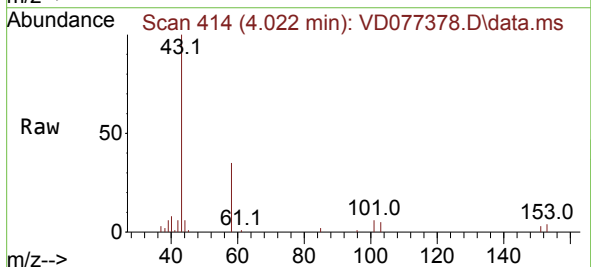
Instrument :
MSVOA_D
ClientSampleId :

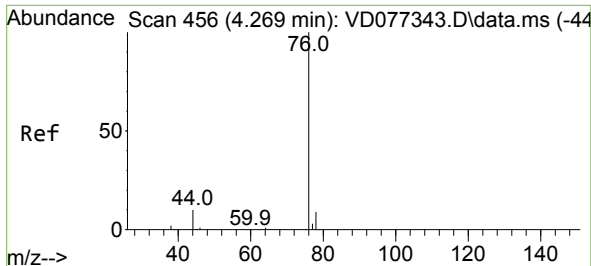
Tgt Ion: 53 Resp: 41052
Ion Ratio Lower Upper
53 100
52 83.4 65.0 97.4
51 35.8 28.3 42.5



#16
Acetone
Concen: 106.937 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

Tgt Ion: 43 Resp: 37806
Ion Ratio Lower Upper
43 100
58 34.8 34.7 52.1

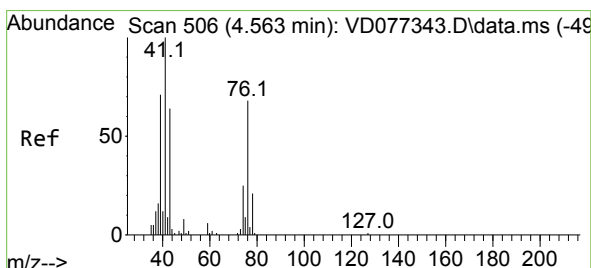
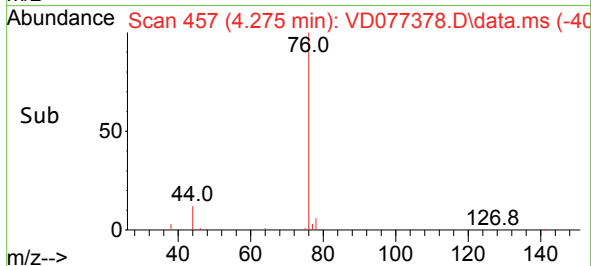
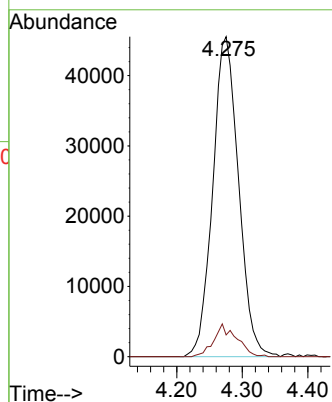
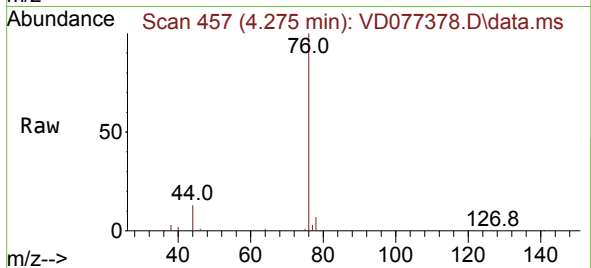




#17
Carbon Disulfide
Concen: 20.355 ug/l
RT: 4.275 min Scan# 456
Delta R.T. 0.006 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

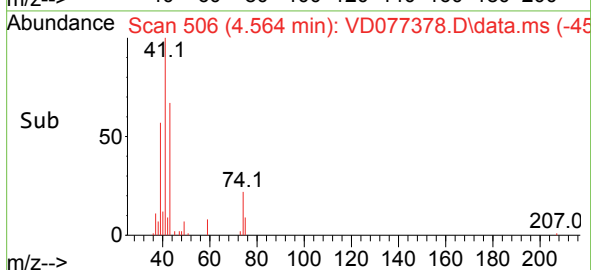
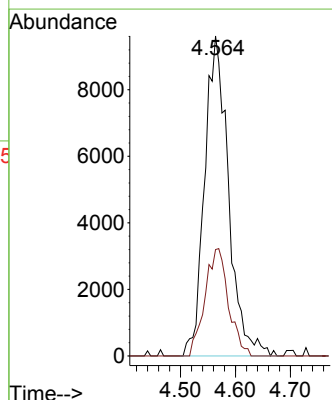
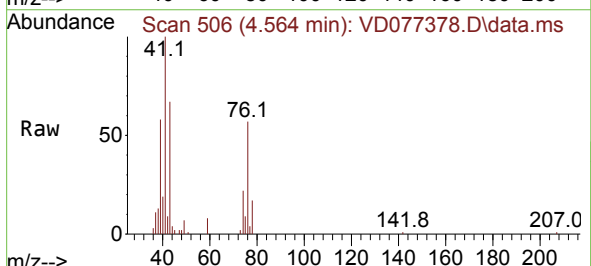
Instrument :
MSVOA_D
ClientSampleId :

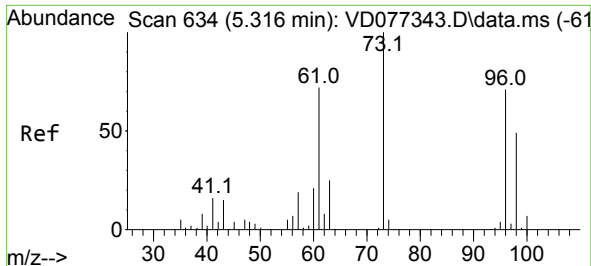
Tgt Ion: 76 Resp: 124394
Ion Ratio Lower Upper
76 100
78 6.8 6.8 10.2#



#18
Methyl Acetate
Concen: 23.622 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

Tgt Ion: 43 Resp: 29065
Ion Ratio Lower Upper
43 100
74 33.0 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 21.746 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077378.D

Acq: 23 Oct 2023 12:14

Instrument :

MSVOA_D

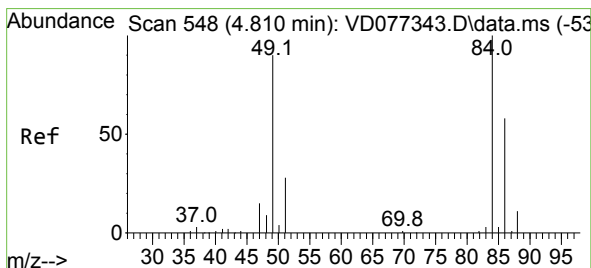
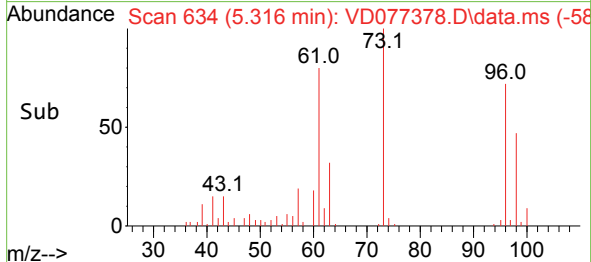
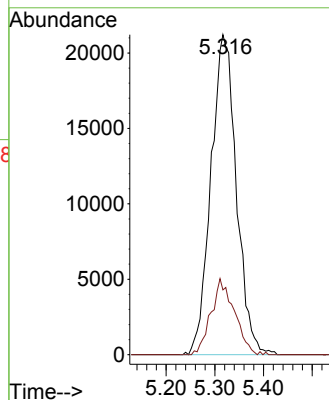
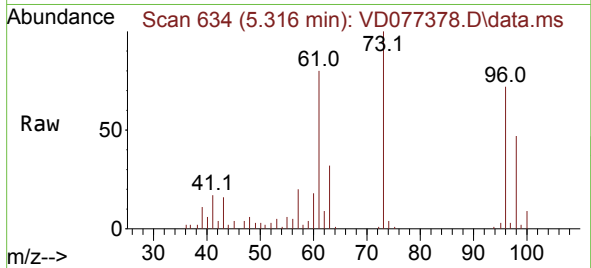
ClientSampleId :

Tgt Ion: 73 Resp: 76997

Ion Ratio Lower Upper

73 100

57 20.3 16.6 25.0



#20

Methylene Chloride

Concen: 21.966 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.011 min

Lab File: VD077378.D

Acq: 23 Oct 2023 12:14

Tgt Ion: 84 Resp: 52724

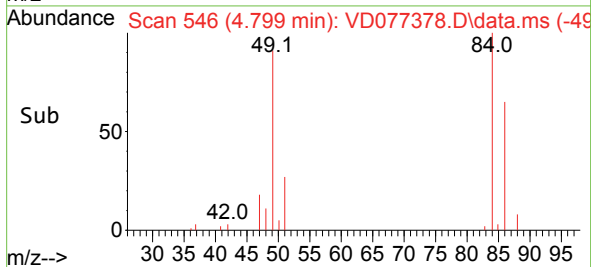
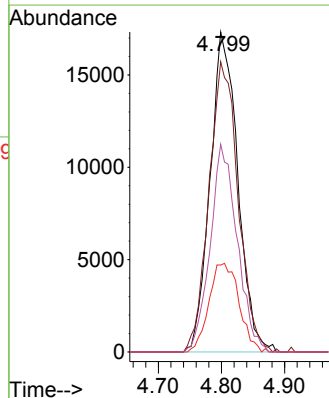
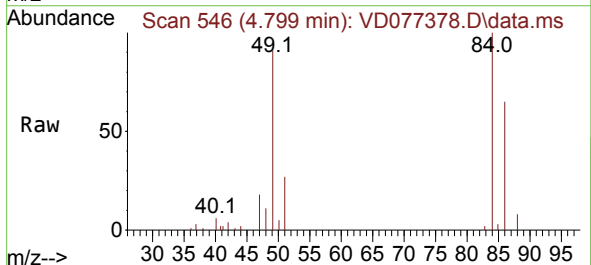
Ion Ratio Lower Upper

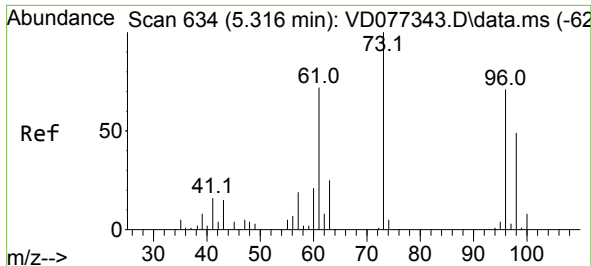
84 100

49 90.7 71.4 107.2

51 27.2 24.5 36.7

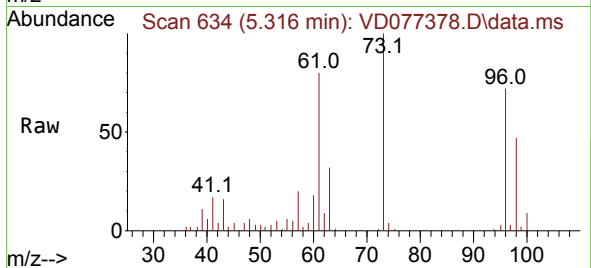
86 64.9 48.7 73.1



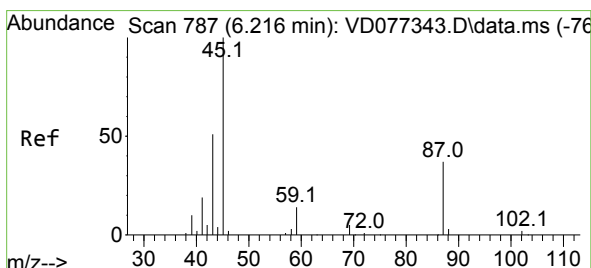
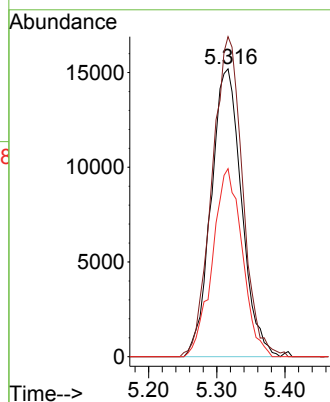
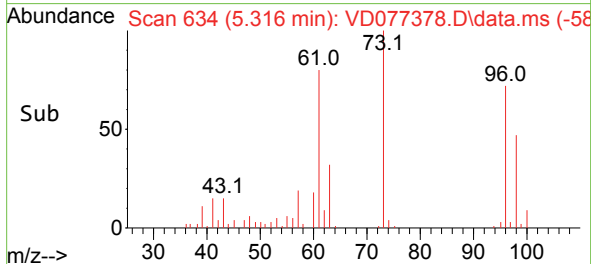


#21
trans-1,2-Dichloroethene
Concen: 21.827 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

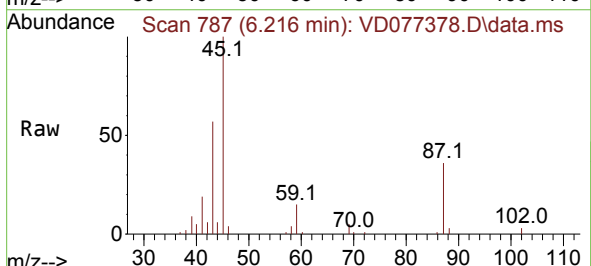
Instrument :
MSVOA_D
ClientSampleId :



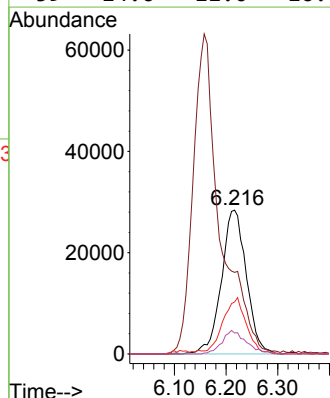
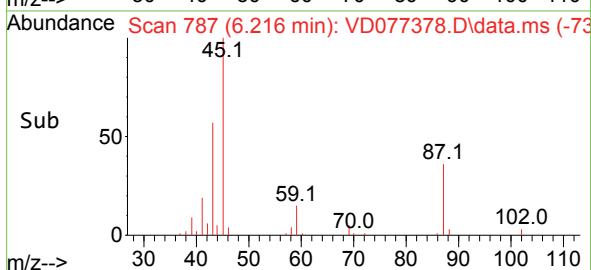
Tgt Ion: 96 Resp: 47193
Ion Ratio Lower Upper
96 100
61 111.2 89.3 133.9
98 65.3 48.6 73.0

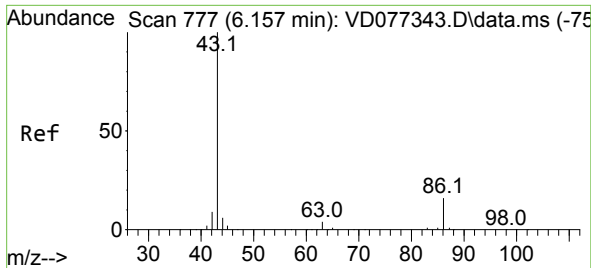


#22
Diisopropyl ether
Concen: 24.574 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14



Tgt Ion: 45 Resp: 95150
Ion Ratio Lower Upper
45 100
43 55.7 40.0 60.0
87 36.1 28.2 42.4
59 14.6 11.0 16.4

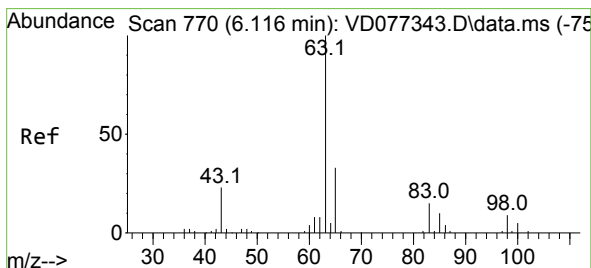
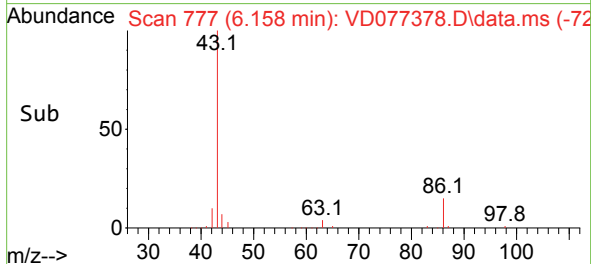
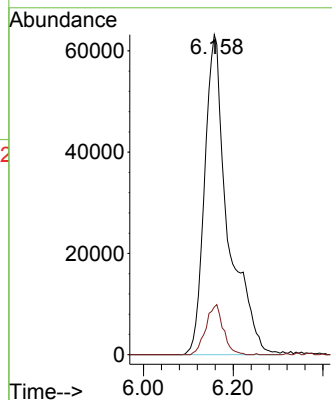
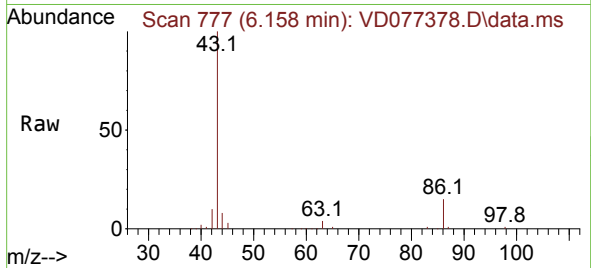




#23
 Vinyl Acetate
 Concen: 126.139 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD077378.D
 Acq: 23 Oct 2023 12:14

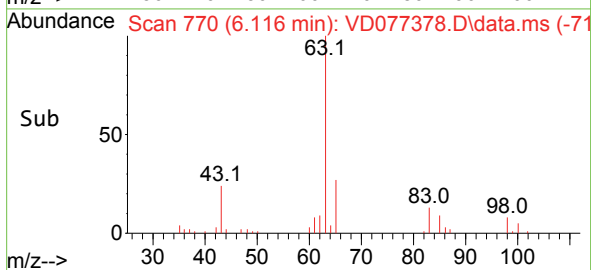
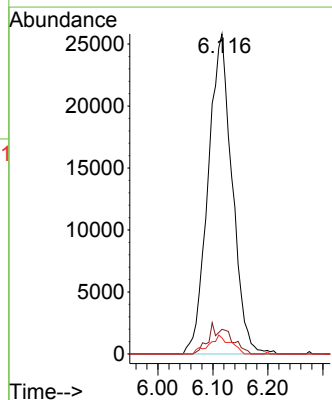
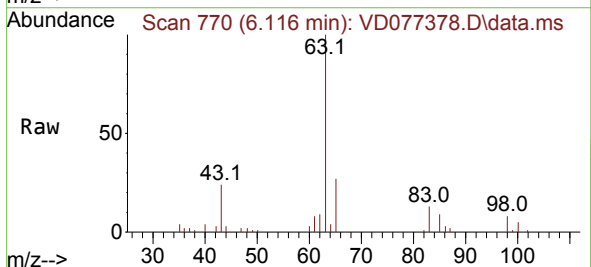
Instrument :
 MSVOA_D
 ClientSampleId :

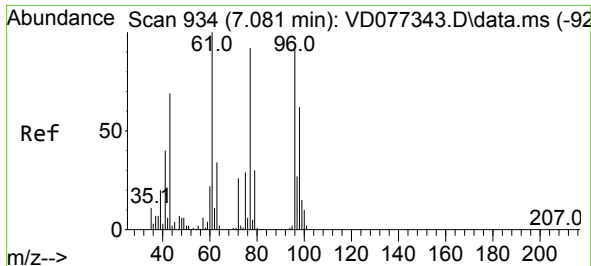
Tgt Ion: 43 Resp: 228883
 Ion Ratio Lower Upper
 43 100
 86 14.9 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 24.363 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD077378.D
 Acq: 23 Oct 2023 12:14

Tgt Ion: 63 Resp: 78430
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.5 13.7
 100 5.1 2.5 7.5

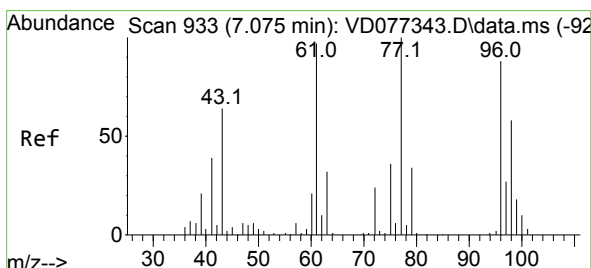
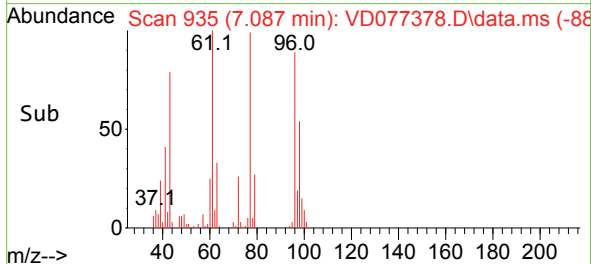
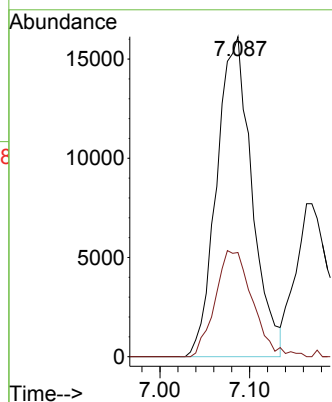
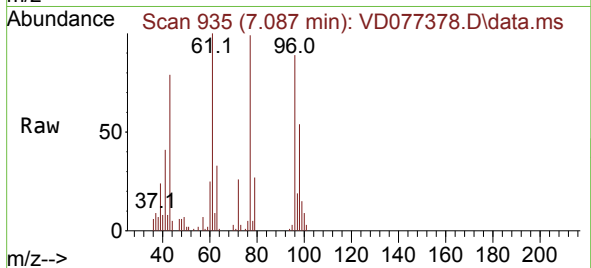




#25
2-Butanone
Concen: 119.760 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

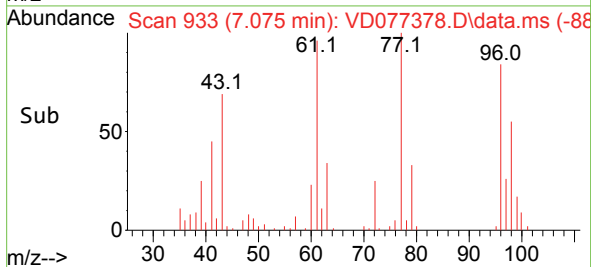
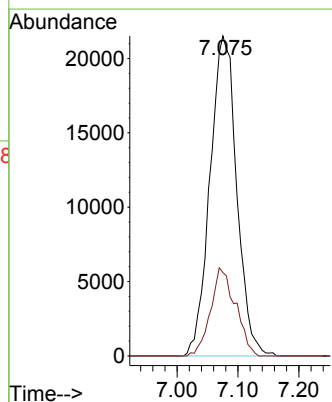
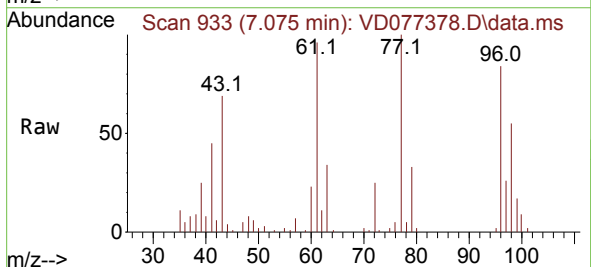
Instrument :
MSVOA_D
ClientSampleId :

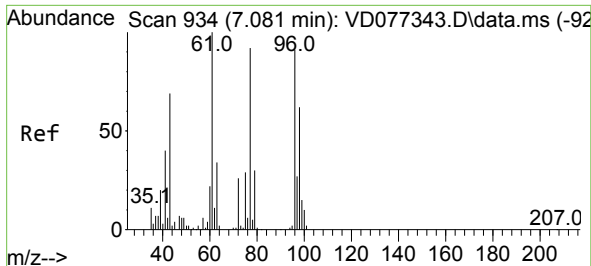
Tgt Ion: 43 Resp: 43920
Ion Ratio Lower Upper
43 100
72 32.6 30.7 46.1



#26
2,2-Dichloropropane
Concen: 22.362 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

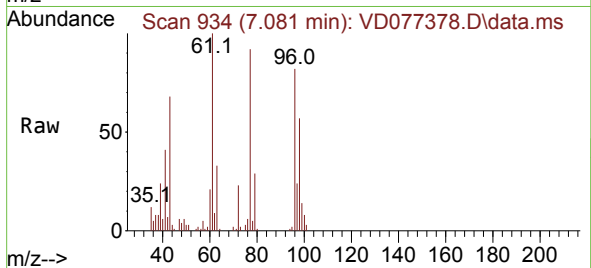
Tgt Ion: 77 Resp: 65639
Ion Ratio Lower Upper
77 100
97 25.7 13.2 39.6





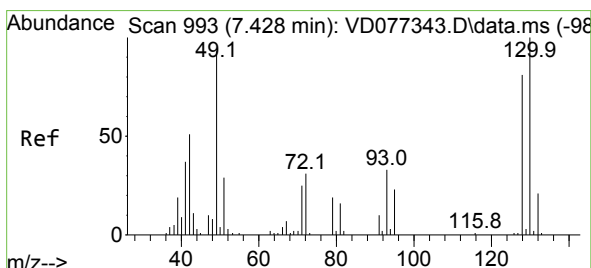
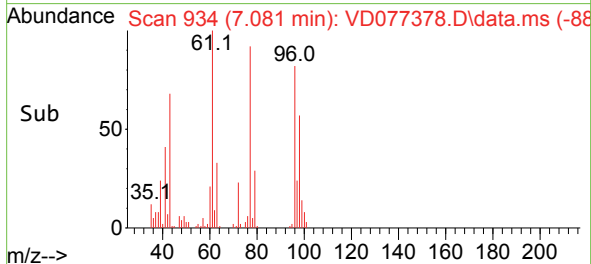
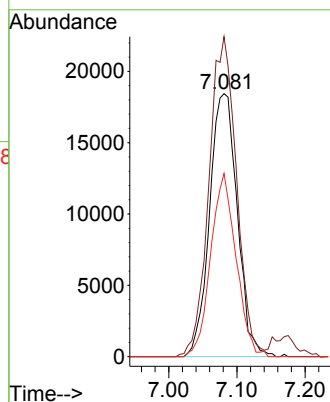
#27
 cis-1,2-Dichloroethene
 Concen: 21.538 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077378.D
 Acq: 23 Oct 2023 12:14

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 52216

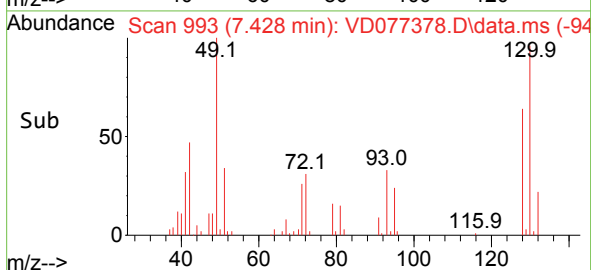
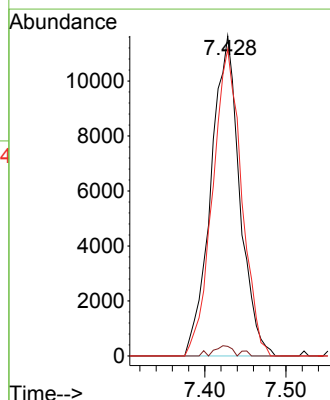
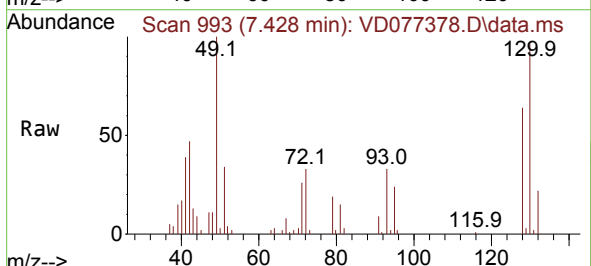
Ion	Ratio	Lower	Upper
96	100		
61	120.8	0.0	239.2
98	63.7	0.0	128.6

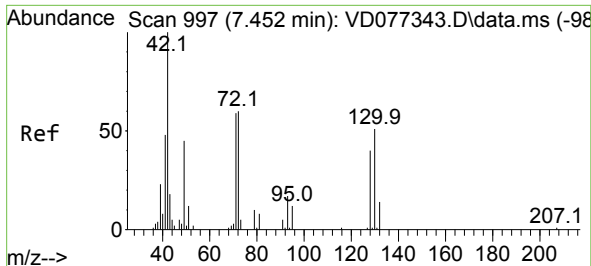


#28
 Bromochloromethane
 Concen: 24.399 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD077378.D
 Acq: 23 Oct 2023 12:14

Tgt Ion: 49 Resp: 28692

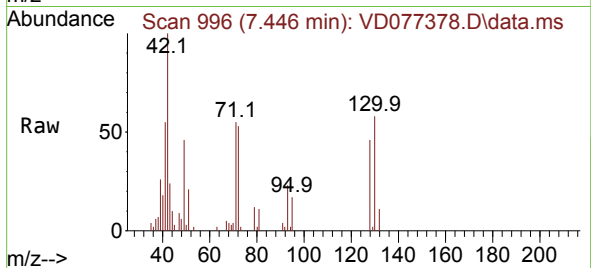
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	6.0
130	96.6	83.2	124.8



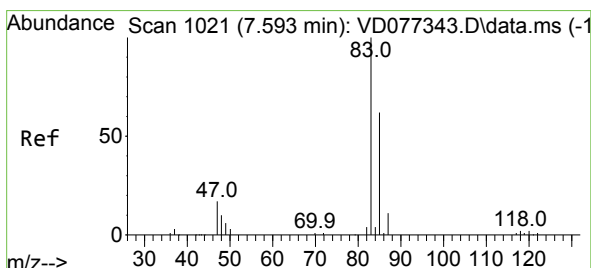
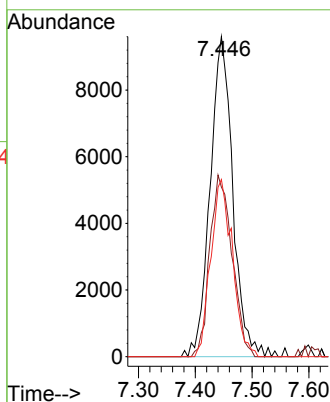
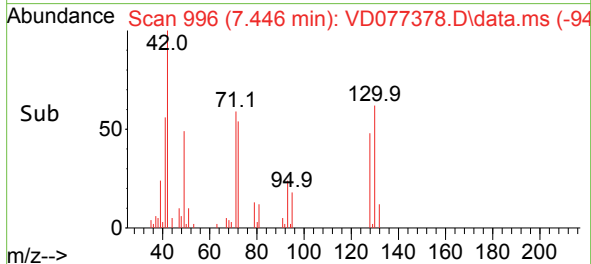


#29
Tetrahydrofuran
Concen: 125.615 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

Instrument :
MSVOA_D
ClientSampleId :

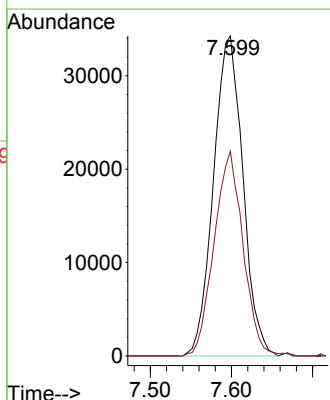
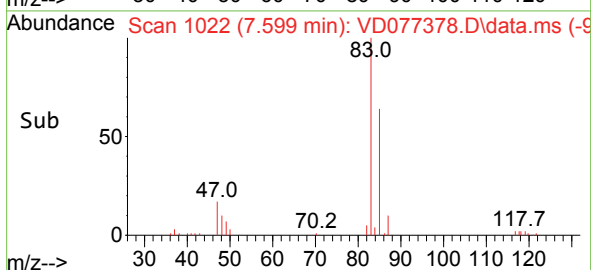
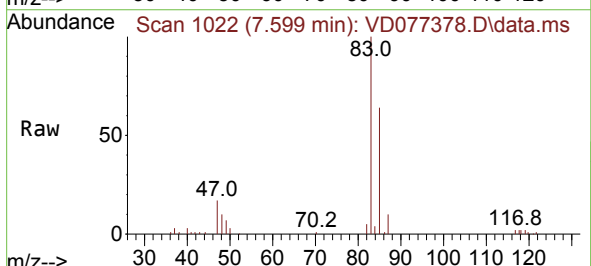


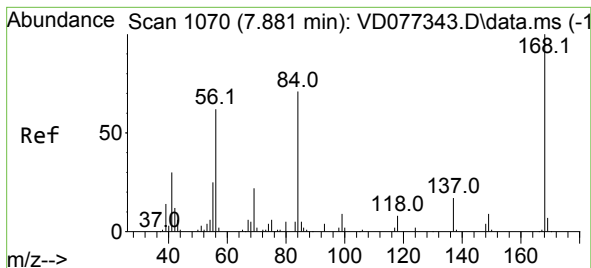
Tgt Ion: 42 Resp: 26574
Ion Ratio Lower Upper
42 100
72 56.1 46.5 69.7
71 53.0 44.5 66.7



#30
Chloroform
Concen: 23.344 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

Tgt Ion: 83 Resp: 86223
Ion Ratio Lower Upper
83 100
85 63.9 53.4 80.2





#31

Cyclohexane

Concen: 23.272 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

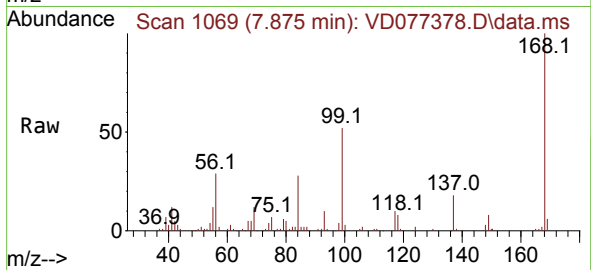
Lab File: VD077378.D

Acq: 23 Oct 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :



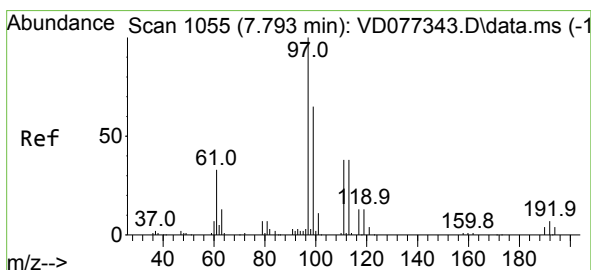
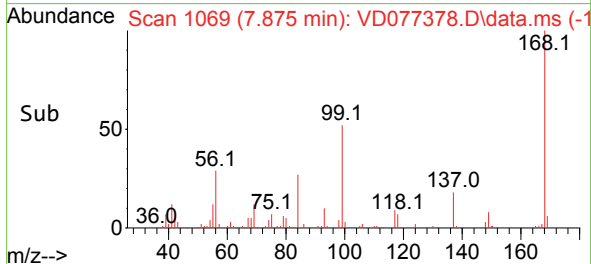
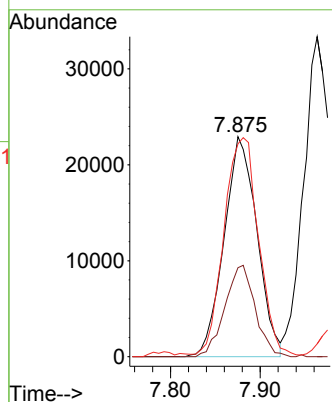
Tgt Ion: 56 Resp: 58375

Ion Ratio Lower Upper

56 100

69 40.5 28.6 43.0

84 95.3 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 22.317 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD077378.D

Acq: 23 Oct 2023 12:14

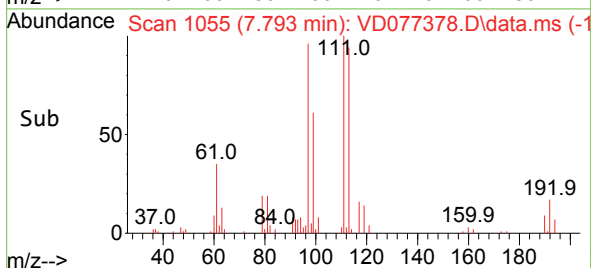
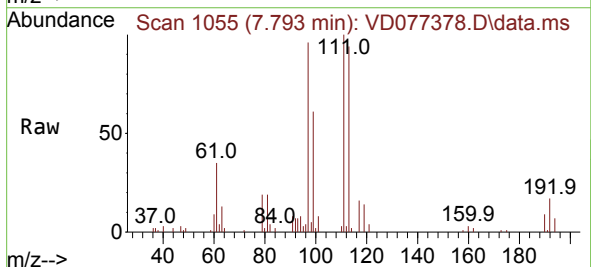
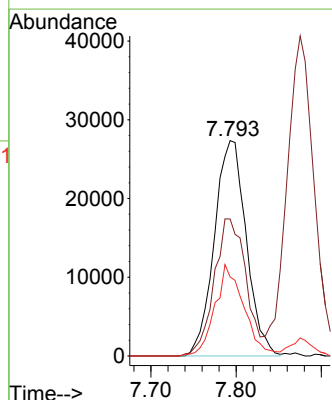
Tgt Ion: 97 Resp: 71115

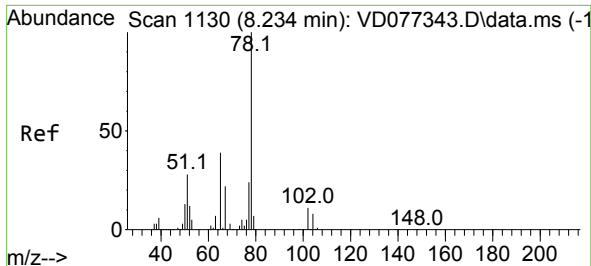
Ion Ratio Lower Upper

97 100

99 62.9 52.0 78.0

61 38.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 46.265 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD077378.D

Acq: 23 Oct 2023 12:14

Instrument :

MSVOA_D

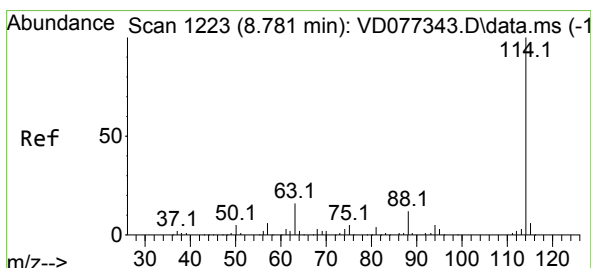
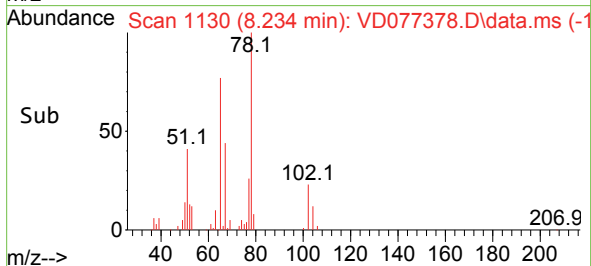
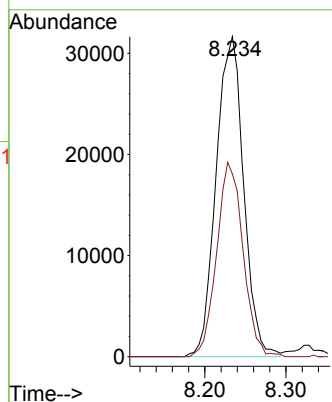
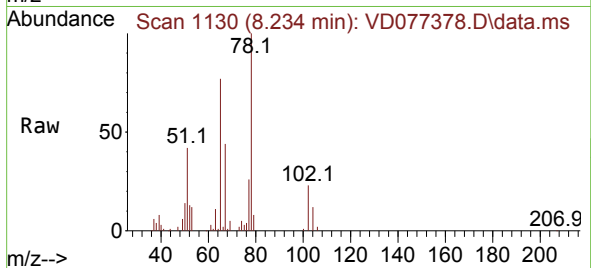
ClientSampleId :

Tgt Ion: 65 Resp: 74589

Ion Ratio Lower Upper

65 100

67 58.3 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: VD077378.D

Acq: 23 Oct 2023 12:14

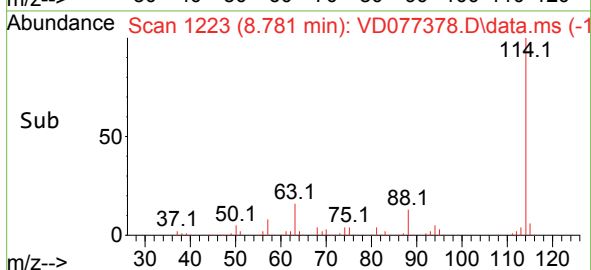
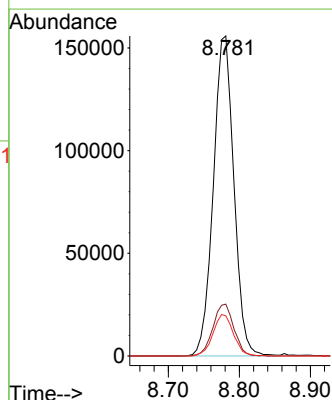
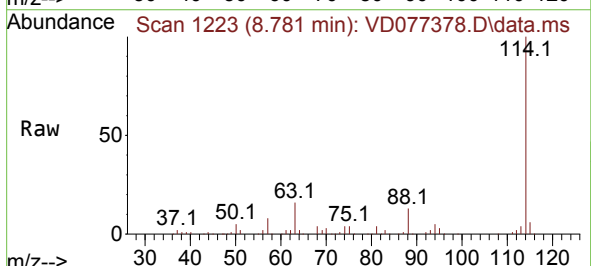
Tgt Ion: 114 Resp: 312599

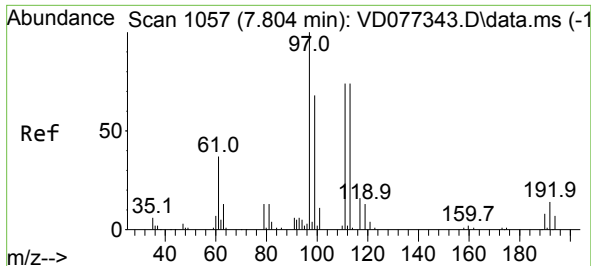
Ion Ratio Lower Upper

114 100

63 16.2 0.0 33.4

88 12.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 41.305 ug/l

RT: 7.805 min Scan# 1091

Delta R.T. 0.001 min

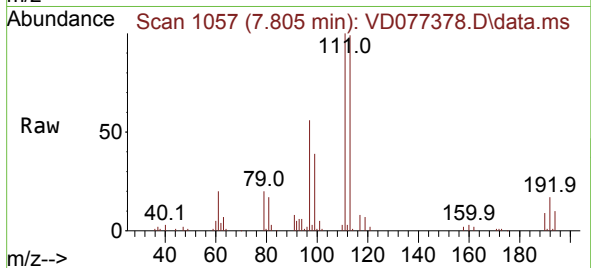
Lab File: VD077378.D

Acq: 23 Oct 2023 12:14

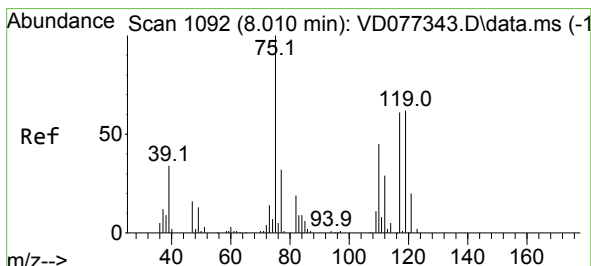
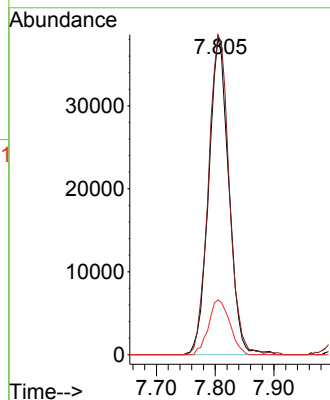
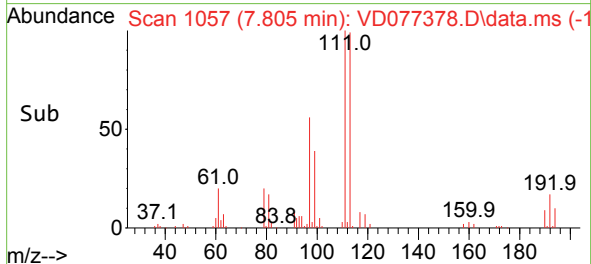
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	113	Resp:	90712
Ion Ratio	Lower	Upper	
113	100		
111	104.0	84.7	127.1
192	18.3	16.8	25.2



#36

1,1-Dichloropropene

Concen: 20.972 ug/l

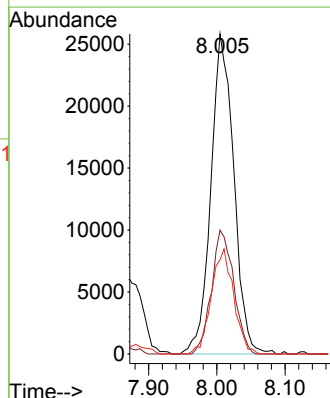
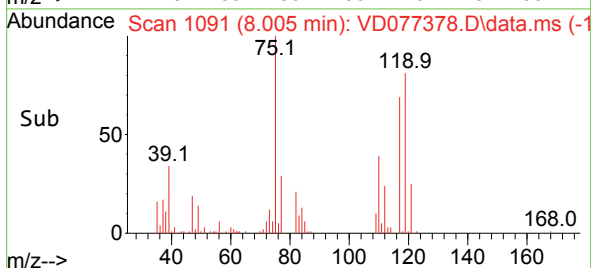
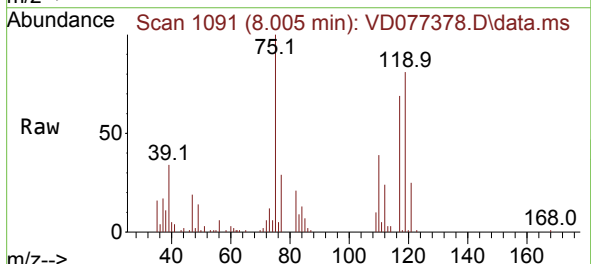
RT: 8.005 min Scan# 1091

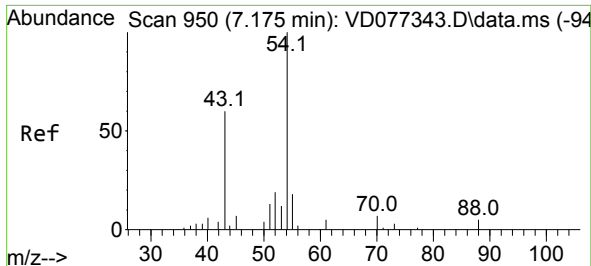
Delta R.T. -0.005 min

Lab File: VD077378.D

Acq: 23 Oct 2023 12:14

Tgt Ion:	75	Resp:	60519
Ion Ratio	Lower	Upper	
75	100		
110	37.4	19.9	59.6
77	32.1	24.7	37.1





#37

Ethyl Acetate

Concen: 22.885 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD077378.D

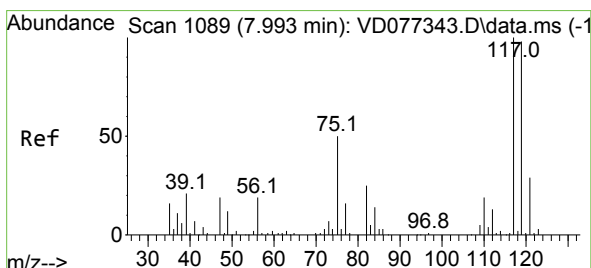
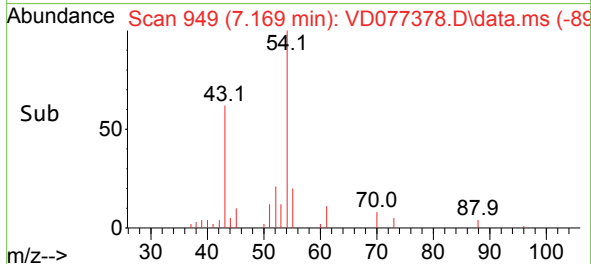
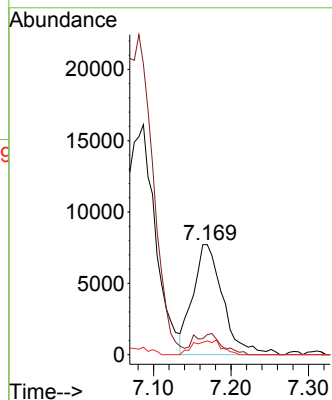
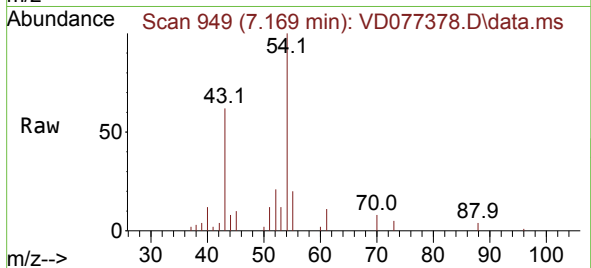
Acq: 23 Oct 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 20744
Ion Ratio	Lower Upper
43	100
61	17.6 14.9 22.3
70	12.3 10.0 15.0



#38

Carbon Tetrachloride

Concen: 20.083 ug/l

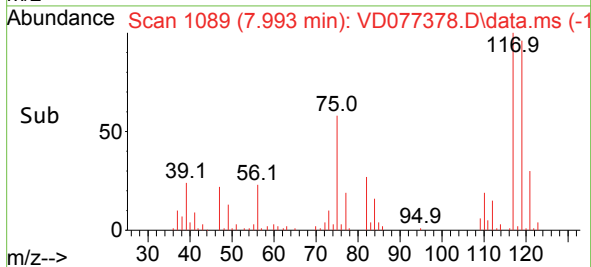
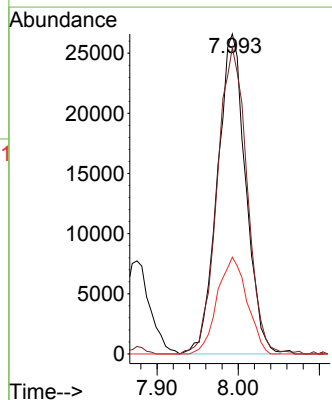
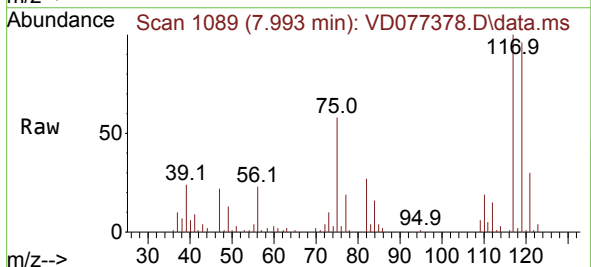
RT: 7.993 min Scan# 1089

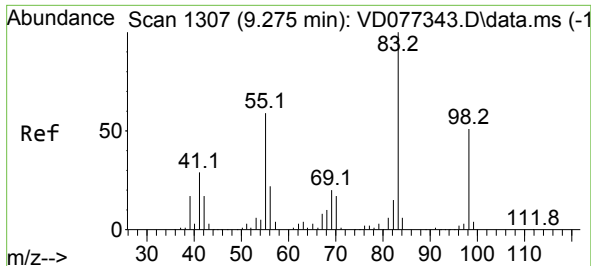
Delta R.T. -0.000 min

Lab File: VD077378.D

Acq: 23 Oct 2023 12:14

Tgt Ion: 117	Resp: 64469
Ion Ratio	Lower Upper
117	100
119	95.8 78.0 117.0
121	30.2 24.2 36.2





#39

Methylcyclohexane

Concen: 18.484 ug/l

RT: 9.275 min Scan# 11

Delta R.T. 0.000 min

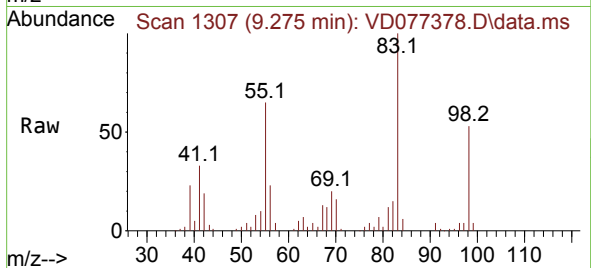
Lab File: VD077378.D

Acq: 23 Oct 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :



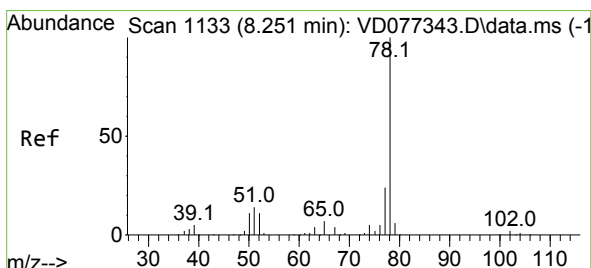
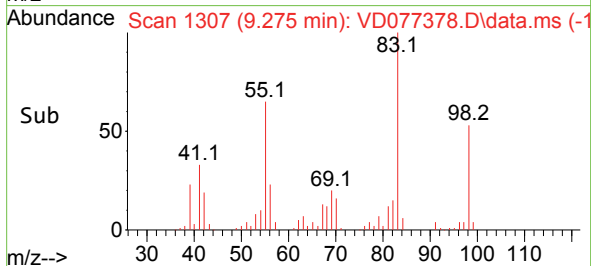
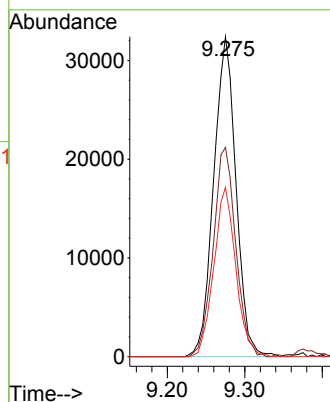
Tgt Ion: 83 Resp: 64812

Ion Ratio Lower Upper

83 100

55 65.4 49.4 74.0

98 52.9 38.4 57.6



#40

Benzene

Concen: 21.032 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD077378.D

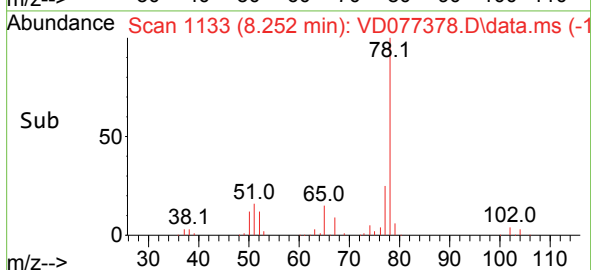
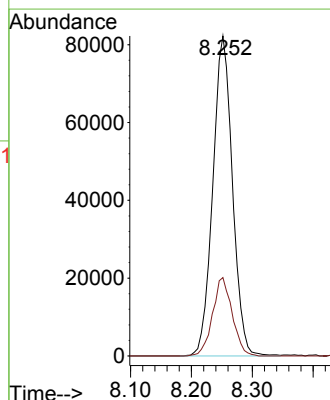
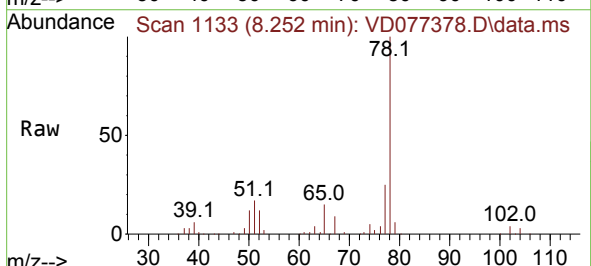
Acq: 23 Oct 2023 12:14

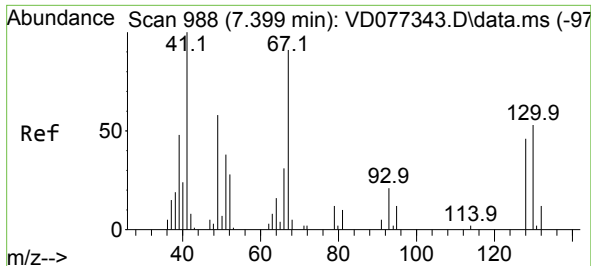
Tgt Ion: 78 Resp: 184180

Ion Ratio Lower Upper

78 100

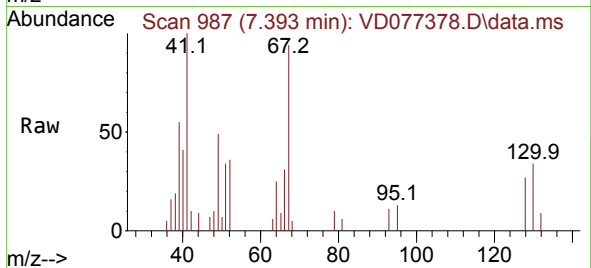
77 24.5 19.4 29.0



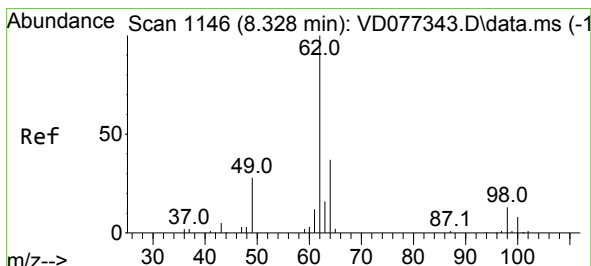
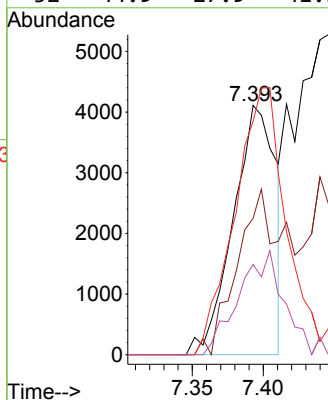
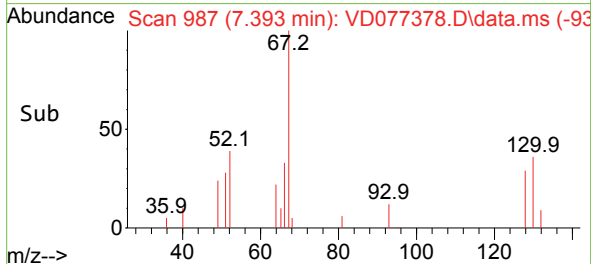


#41
Methacrylonitrile
Concen: 19.730 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

Instrument :
MSVOA_D
ClientSampleId :

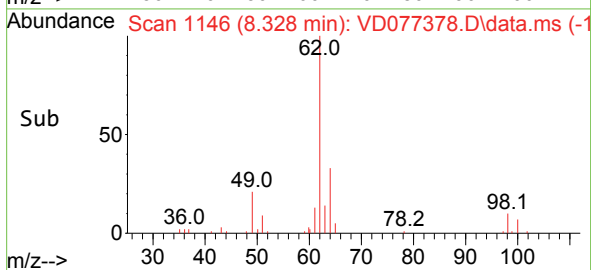
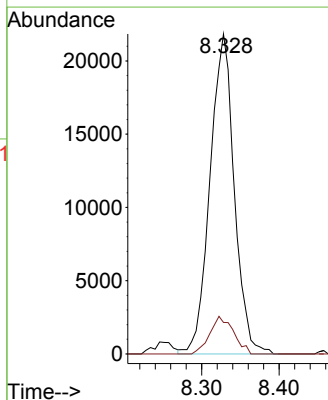
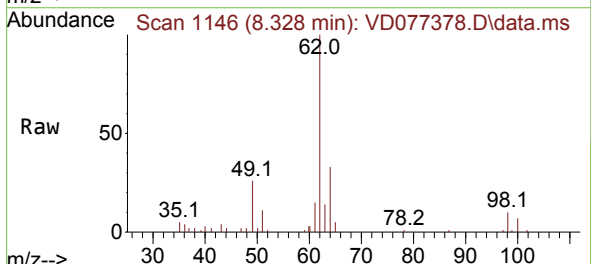


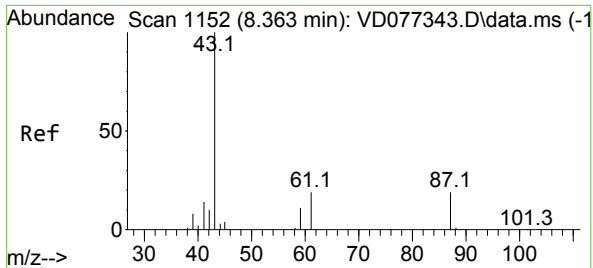
Tgt Ion: 41	Resp: 8535
Ion Ratio	Lower Upper
41 100	
39 58.4	34.0 51.0#
67 129.5	77.0 115.4#
52 44.9	27.9 41.9#



#42
1,2-Dichloroethane
Concen: 23.027 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

Tgt Ion: 62	Resp: 47498
Ion Ratio	Lower Upper
62 100	
98 11.5	0.0 25.4

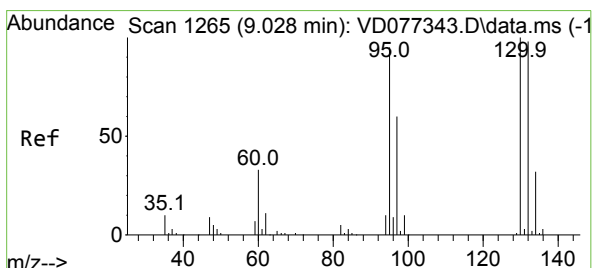
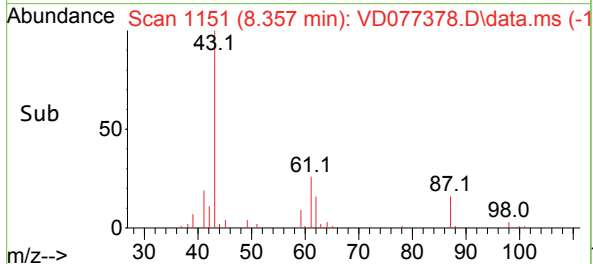
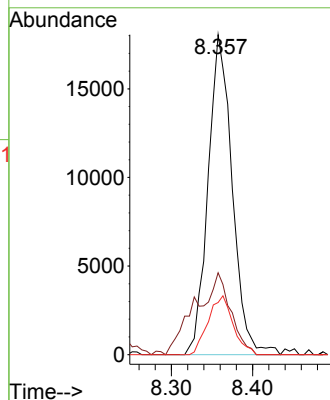
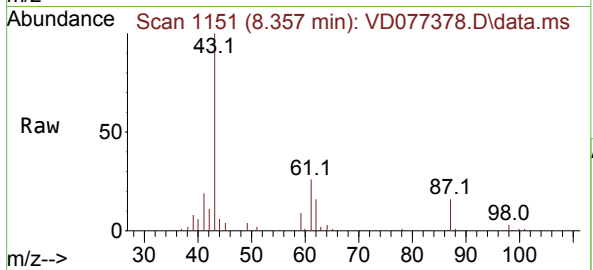




#43
Isopropyl Acetate
Concen: 22.890 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

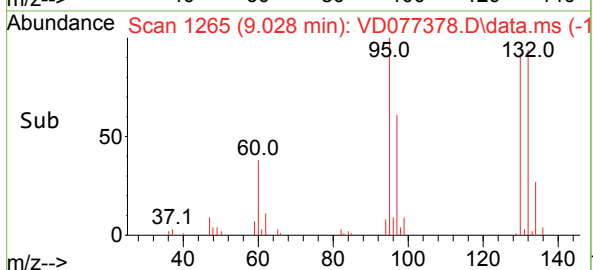
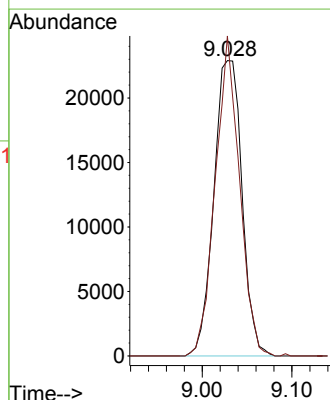
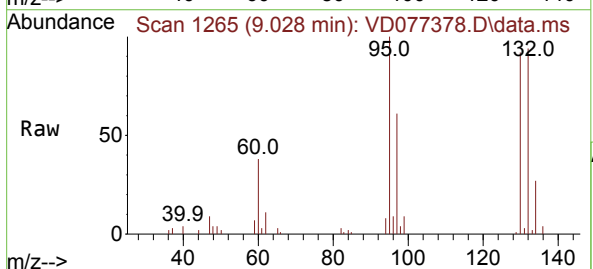
Instrument :
MSVOA_D
ClientSampleId :

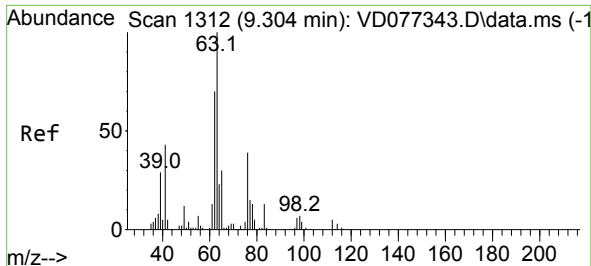
Tgt Ion: 43 Resp: 37352
Ion Ratio Lower Upper
43 100
61 37.5 31.4 47.0
87 19.0 14.9 22.3



#44
Trichloroethene
Concen: 19.478 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

Tgt Ion:130 Resp: 49870
Ion Ratio Lower Upper
130 100
95 108.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 22.327 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077378.D

Acq: 23 Oct 2023 12:14

Instrument :

MSVOA_D

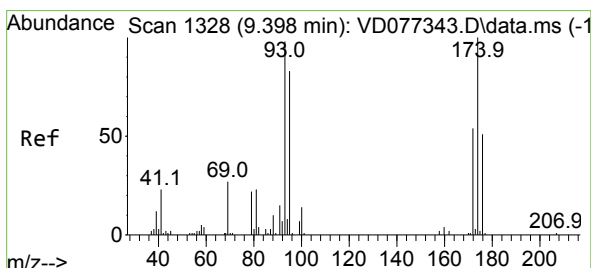
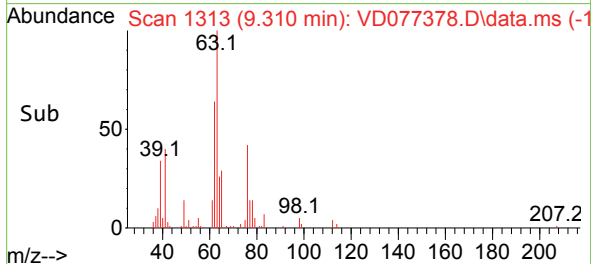
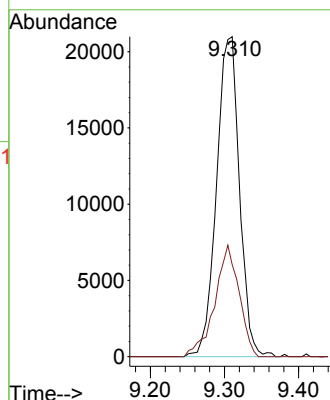
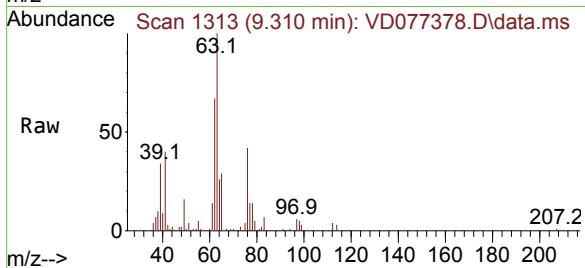
ClientSampleId :

Tgt Ion: 63 Resp: 45070

Ion Ratio Lower Upper

63 100

65 28.7 24.5 36.7



#46

Dibromomethane

Concen: 21.706 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.005 min

Lab File: VD077378.D

Acq: 23 Oct 2023 12:14

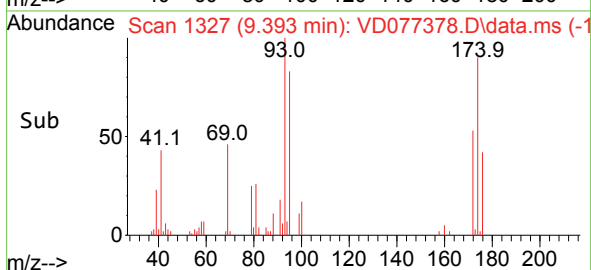
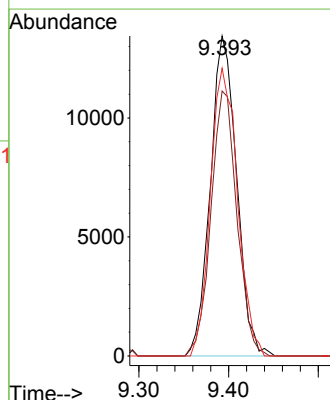
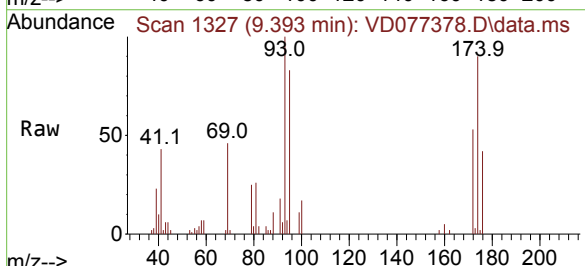
Tgt Ion: 93 Resp: 27393

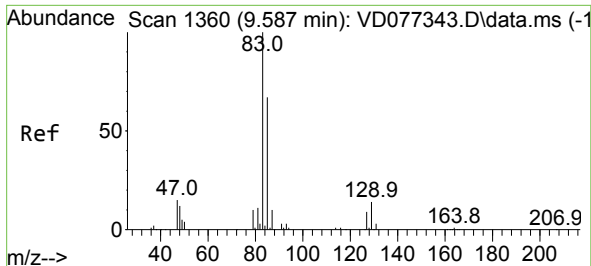
Ion Ratio Lower Upper

93 100

95 81.6 67.7 101.5

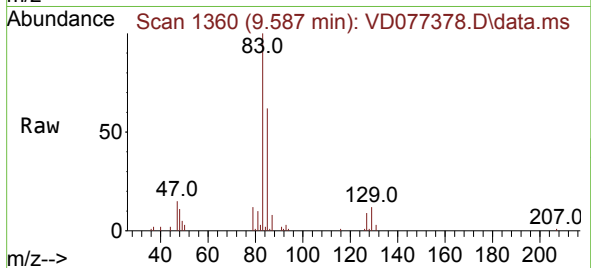
174 92.4 85.4 128.2



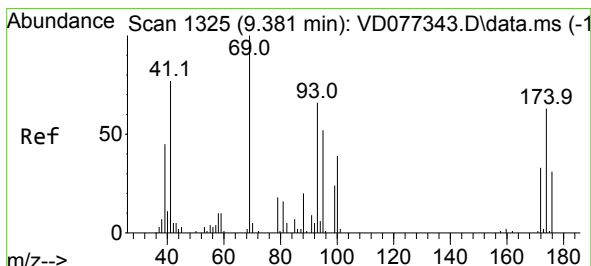
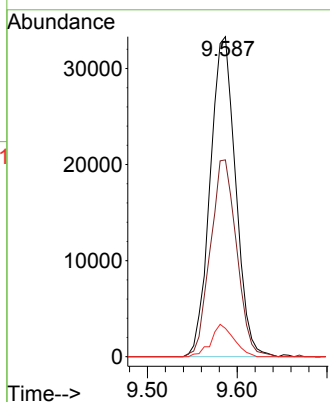
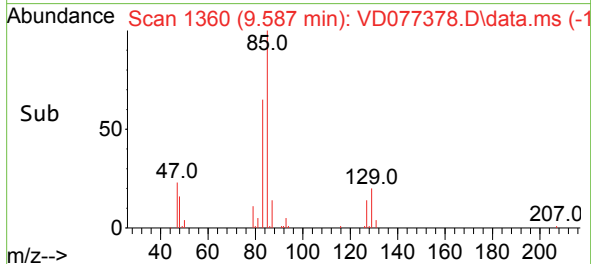


#47
 Bromodichloromethane
 Concen: 21.800 ug/l
 RT: 9.587 min Scan# 1360
 Delta R.T. -0.000 min
 Lab File: VD077378.D
 Acq: 23 Oct 2023 12:14

Instrument :
 MSVOA_D
 ClientSampleId :

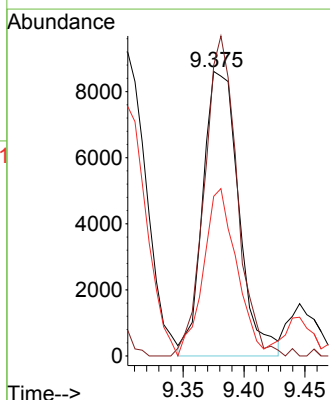
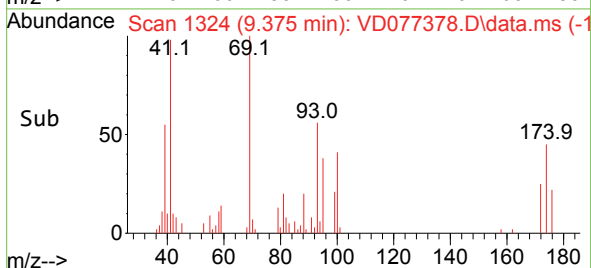
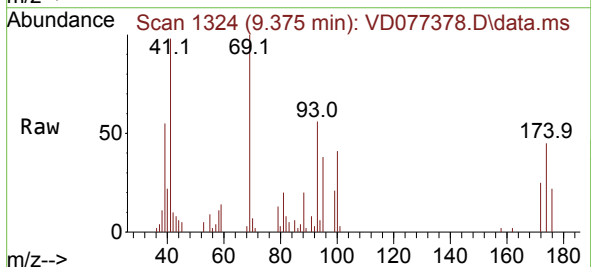


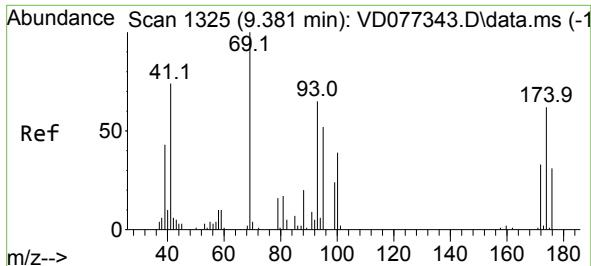
Tgt Ion: 83 Resp: 65604
 Ion Ratio Lower Upper
 83 100
 85 61.5 50.2 75.4
 127 8.9 6.3 9.5



#48
 Methyl methacrylate
 Concen: 23.946 ug/l
 RT: 9.375 min Scan# 1324
 Delta R.T. -0.006 min
 Lab File: VD077378.D
 Acq: 23 Oct 2023 12:14

Tgt Ion: 41 Resp: 17677
 Ion Ratio Lower Upper
 41 100
 69 101.7 102.2 153.2#
 39 54.1 41.4 62.2

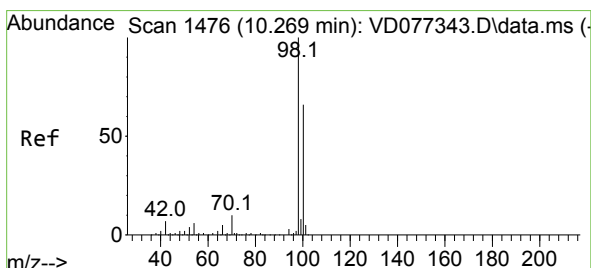
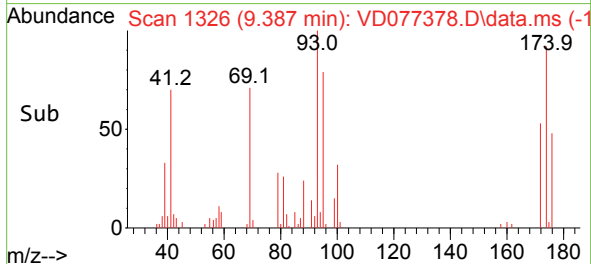
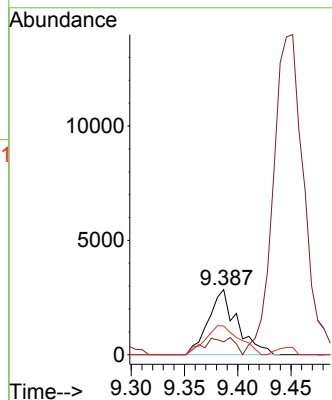
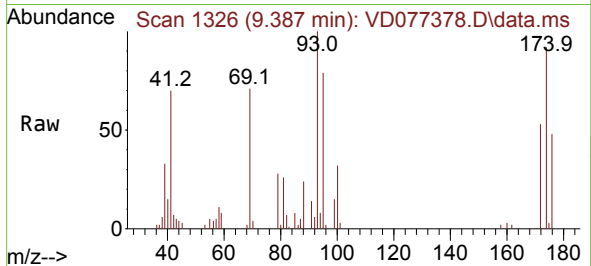




#49
1,4-Dioxane
Concen: 450.802 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

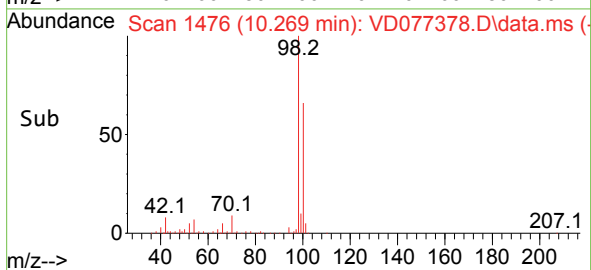
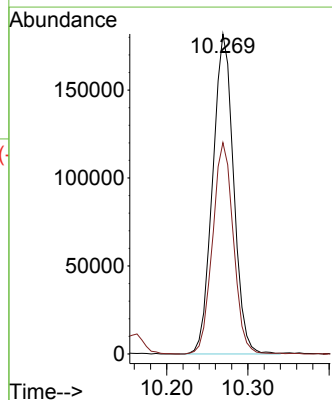
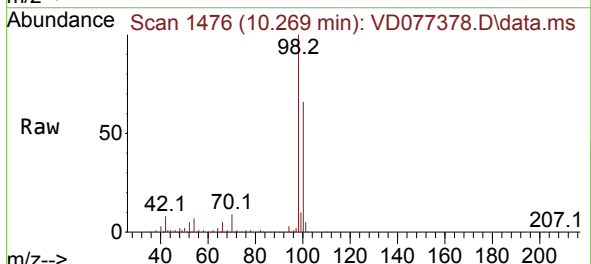
Instrument :
MSVOA_D
ClientSampleId :

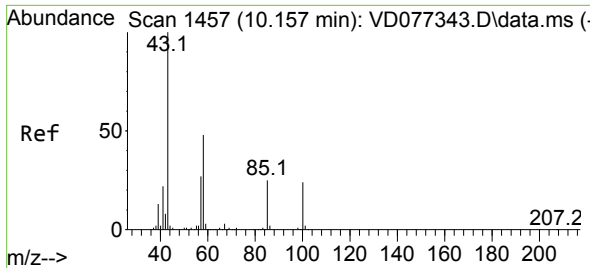
Tgt Ion: 88 Resp: 5328
Ion Ratio Lower Upper
88 100
43 27.3 19.0 28.6
58 52.6 43.5 65.3



#50
Toluene-d8
Concen: 41.447 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

Tgt Ion: 98 Resp: 325987
Ion Ratio Lower Upper
98 100
100 65.7 50.3 75.5

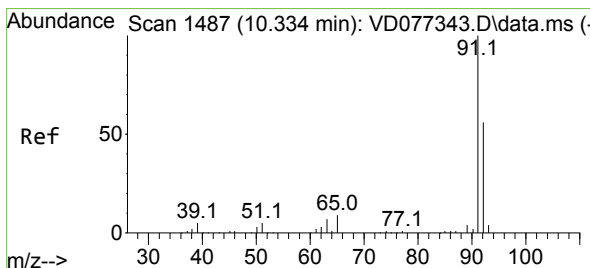
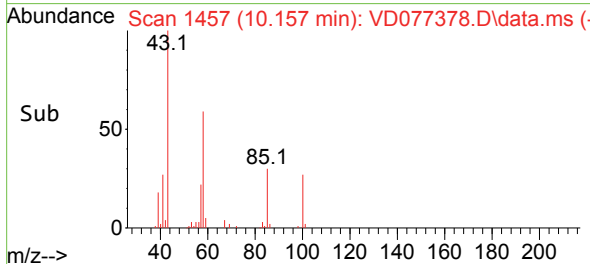
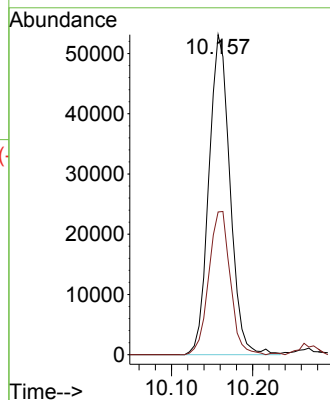
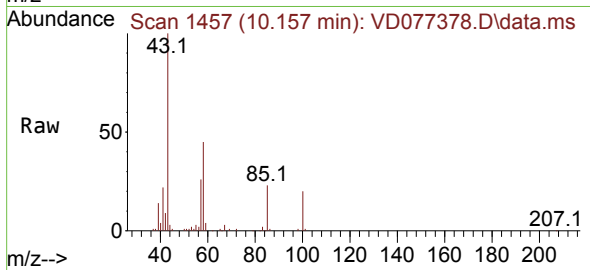




#51
4-Methyl-2-Pentanone
Concen: 117.247 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

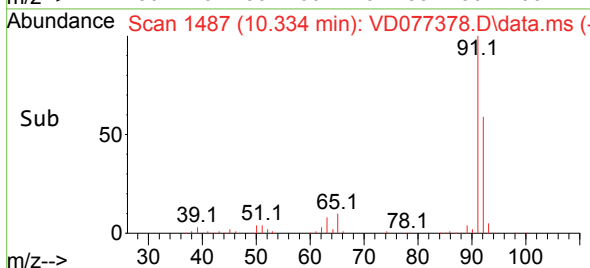
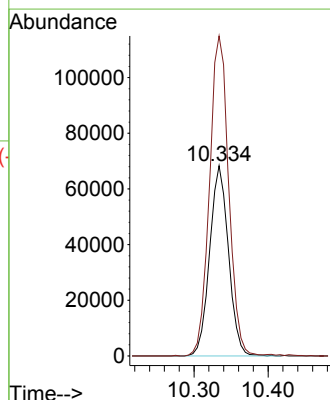
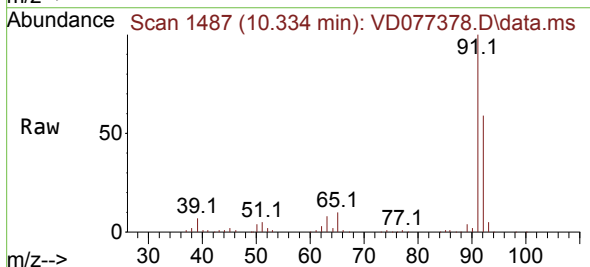
Instrument :
MSVOA_D
ClientSampleId :

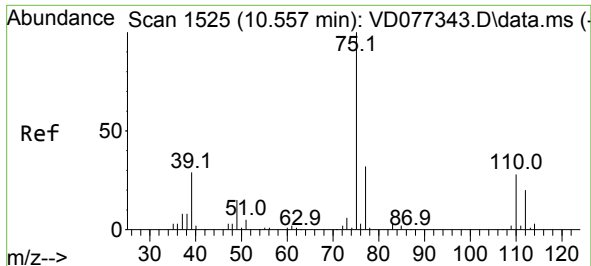
Tgt Ion: 43 Resp: 95909
Ion Ratio Lower Upper
43 100
58 45.5 38.9 58.3



#52
Toluene
Concen: 21.056 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

Tgt Ion: 92 Resp: 120393
Ion Ratio Lower Upper
92 100
91 171.5 143.0 214.4





#53

t-1,3-Dichloropropene

Concen: 21.925 ug/l

RT: 10.551 min Scan# 1525

Delta R.T. -0.006 min

Lab File: VD077378.D

Acq: 23 Oct 2023 12:14

Instrument :

MSVOA_D

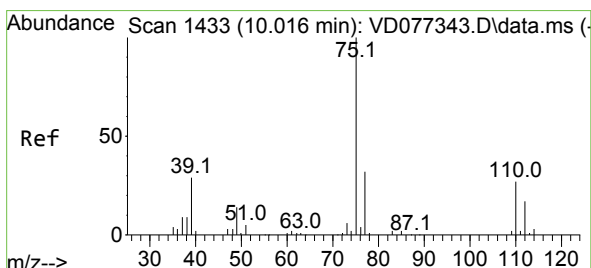
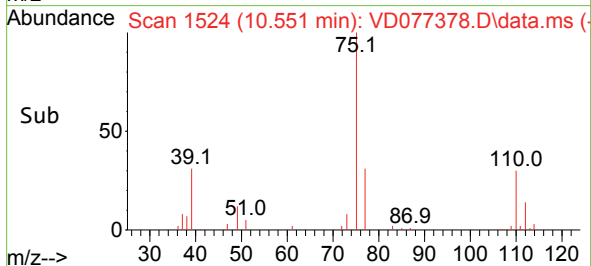
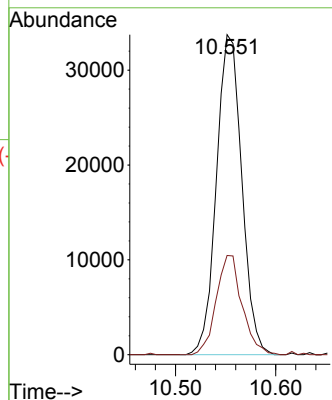
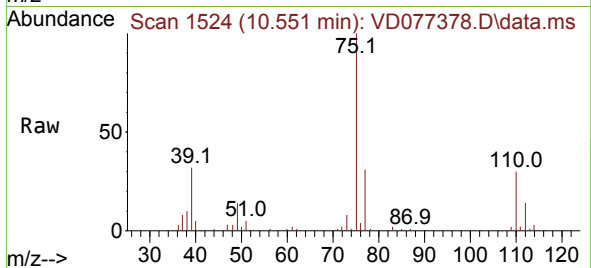
ClientSampleId :

Tgt Ion: 75 Resp: 59225

Ion Ratio Lower Upper

75 100

77 31.0 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 21.072 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD077378.D

Acq: 23 Oct 2023 12:14

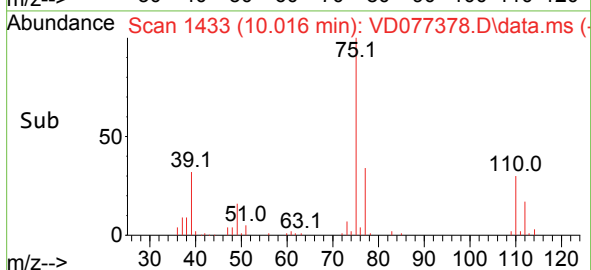
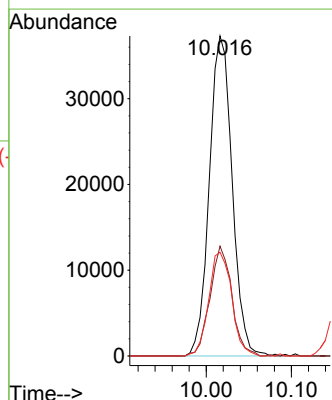
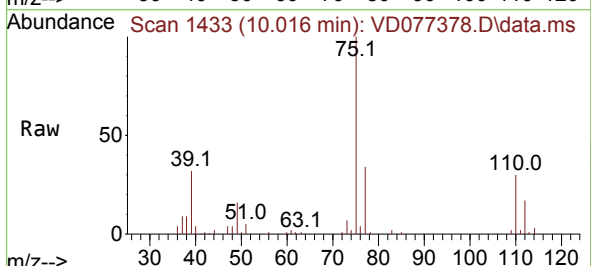
Tgt Ion: 75 Resp: 69643

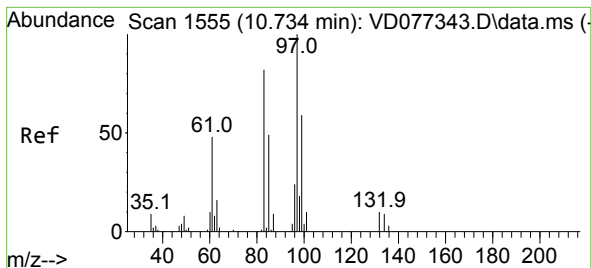
Ion Ratio Lower Upper

75 100

77 34.3 25.5 38.3

39 32.4 22.1 33.1





#55

1,1,2-Trichloroethane

Concen: 21.753 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

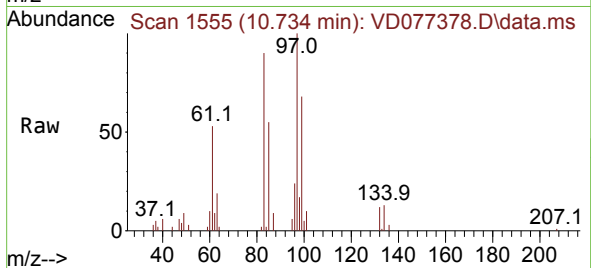
Lab File: VD077378.D

Acq: 23 Oct 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 38024

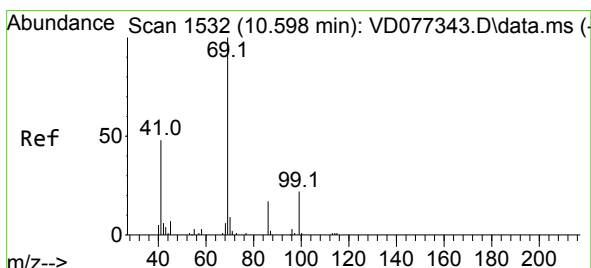
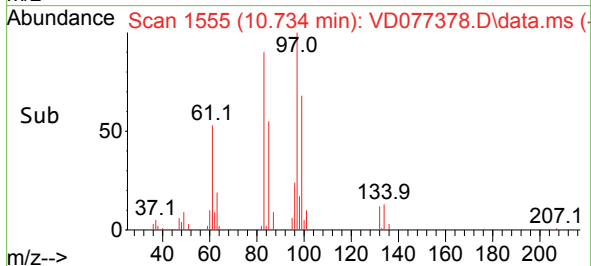
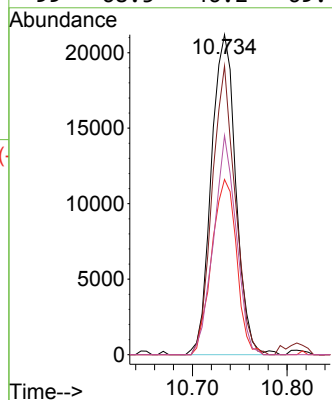
Ion Ratio Lower Upper

97 100

83 90.2 65.8 98.6

85 54.7 45.7 68.5

99 68.5 46.2 69.4



#56

Ethyl methacrylate

Concen: 20.022 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.001 min

Lab File: VD077378.D

Acq: 23 Oct 2023 12:14

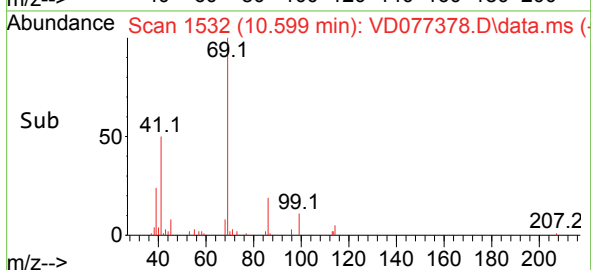
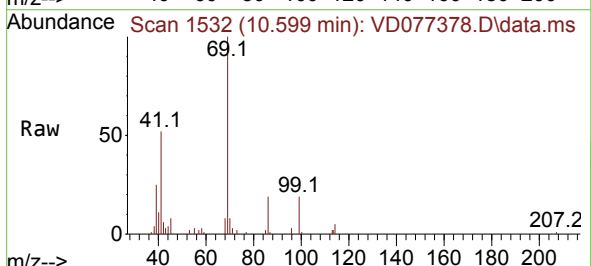
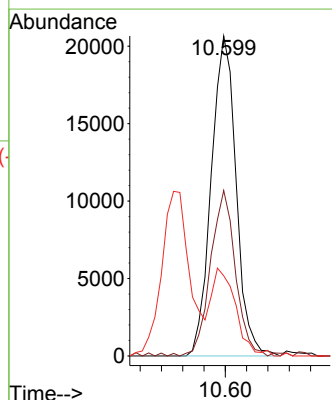
Tgt Ion: 69 Resp: 33447

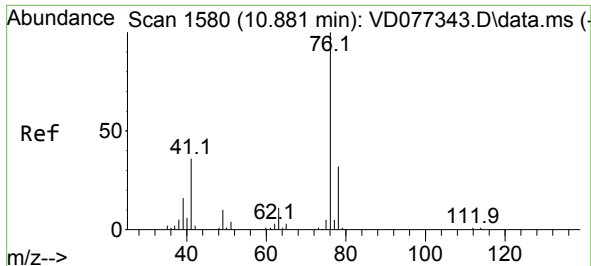
Ion Ratio Lower Upper

69 100

41 51.6 39.1 58.7

39 26.7 20.0 30.0





#57

1,3-Dichloropropane

Concen: 22.304 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077378.D

Acq: 23 Oct 2023 12:14

Instrument :

MSVOA_D

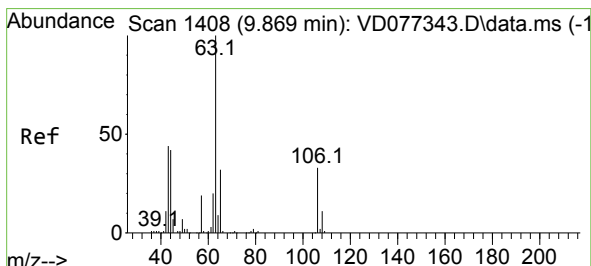
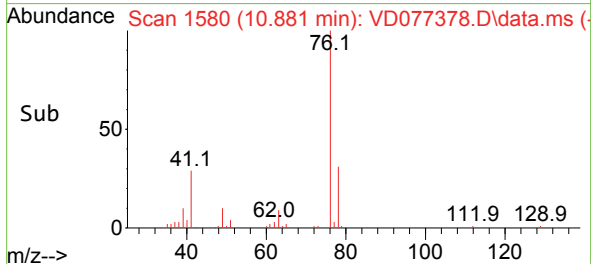
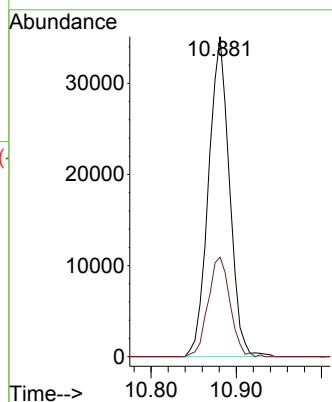
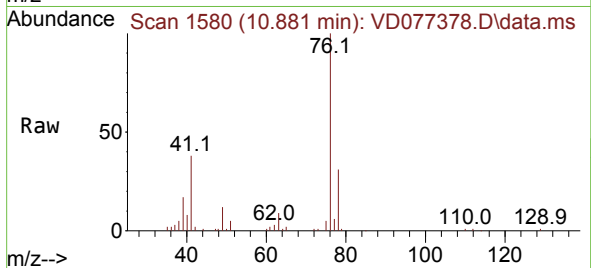
ClientSampleId :

Tgt Ion: 76 Resp: 59888

Ion Ratio Lower Upper

76 100

78 32.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 109.447 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077378.D

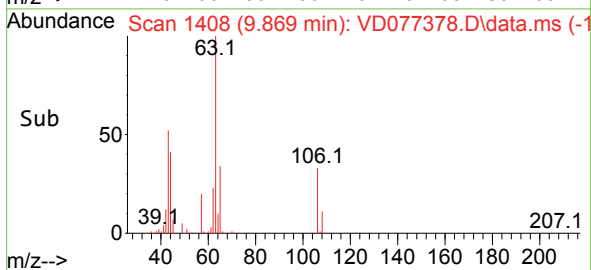
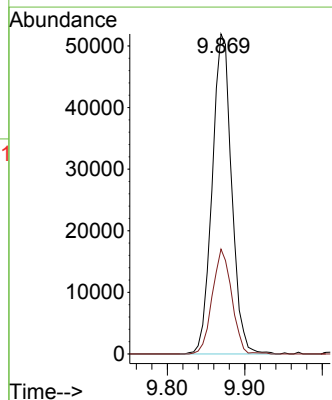
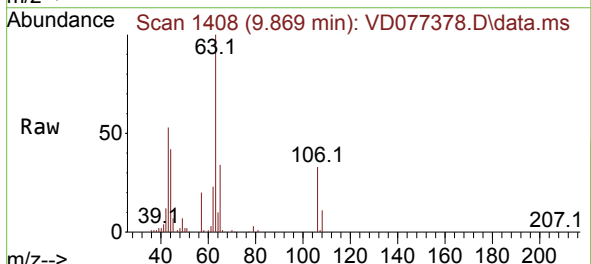
Acq: 23 Oct 2023 12:14

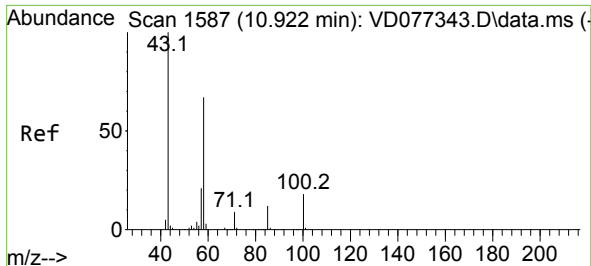
Tgt Ion: 63 Resp: 90415

Ion Ratio Lower Upper

63 100

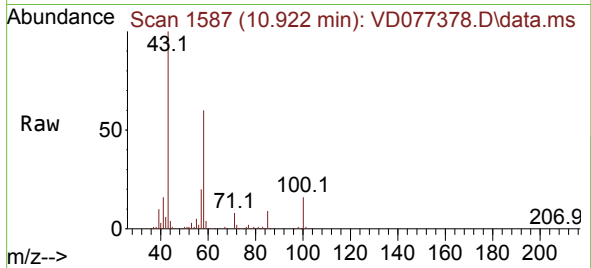
106 32.7 25.3 37.9



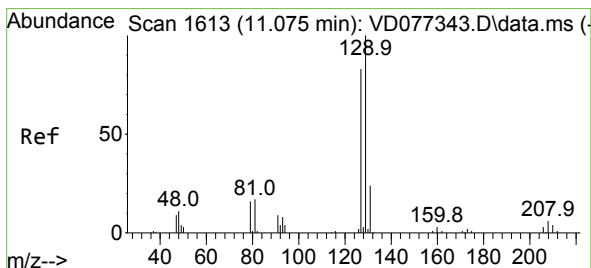
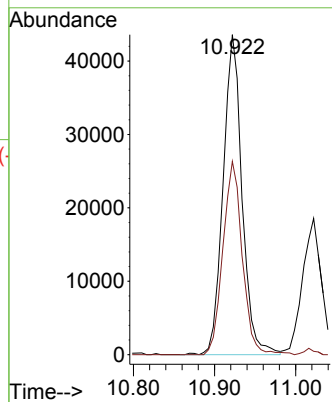
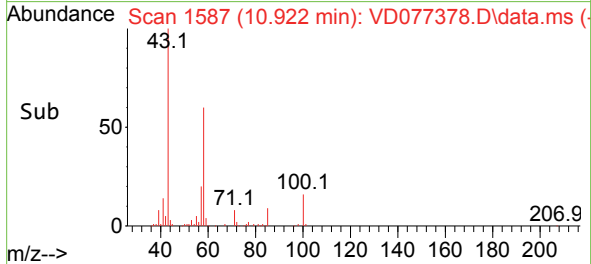


#59
2-Hexanone
Concen: 120.499 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

Instrument :
MSVOA_D
ClientSampleId :

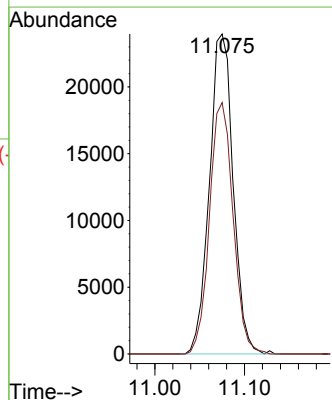
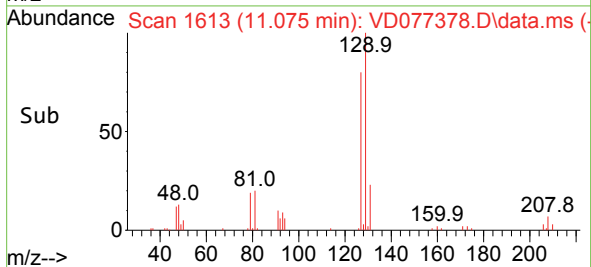
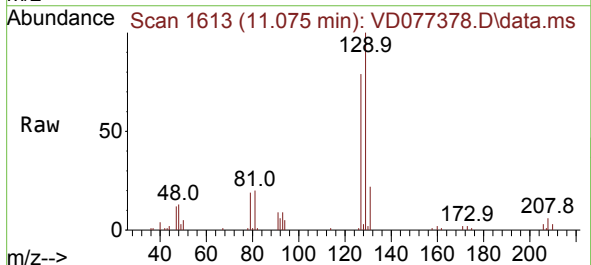


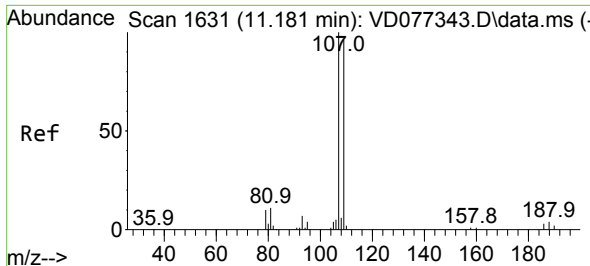
Tgt Ion: 43 Resp: 70794
Ion Ratio Lower Upper
43 100
58 61.7 34.1 102.2



#60
Dibromochloromethane
Concen: 19.739 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

Tgt Ion: 129 Resp: 44056
Ion Ratio Lower Upper
129 100
127 78.0 37.1 111.5

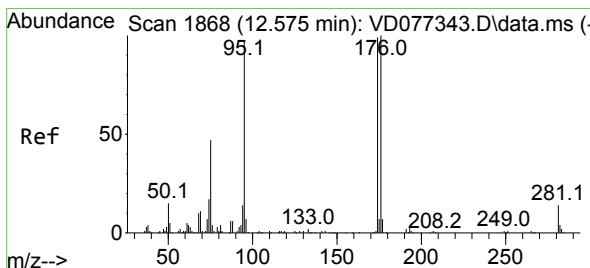
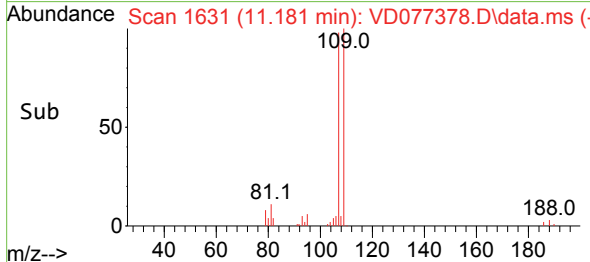
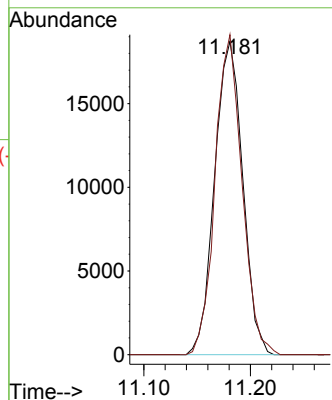
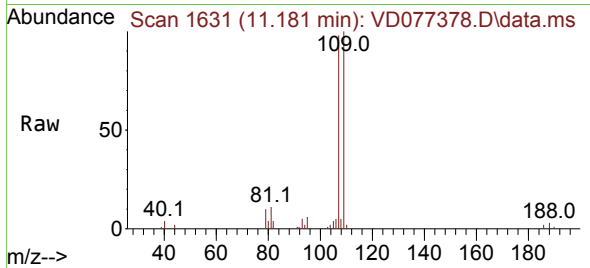




#61
1,2-Dibromoethane
Concen: 20.841 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

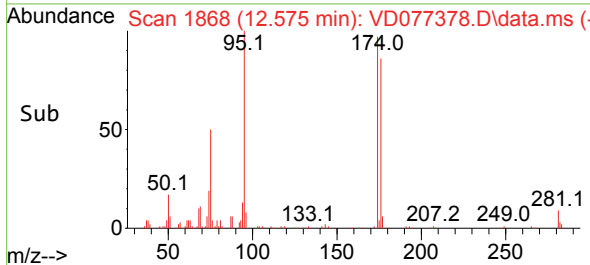
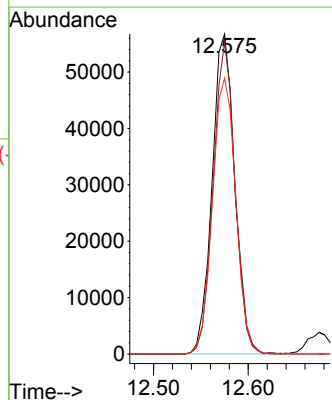
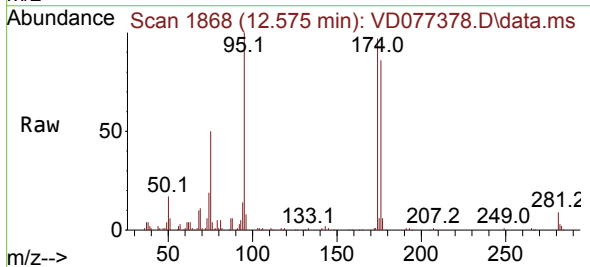
Instrument :
MSVOA_D
ClientSampleId :

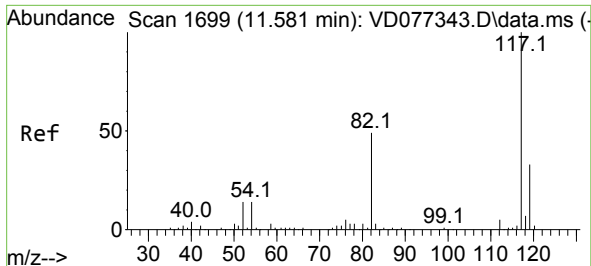
Tgt Ion:107 Resp: 34327
Ion Ratio Lower Upper
107 100
109 97.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 41.491 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

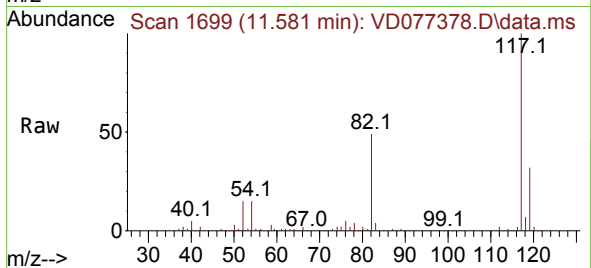
Tgt Ion: 95 Resp: 93937
Ion Ratio Lower Upper
95 100
174 94.7 0.0 201.8
176 88.6 0.0 191.8



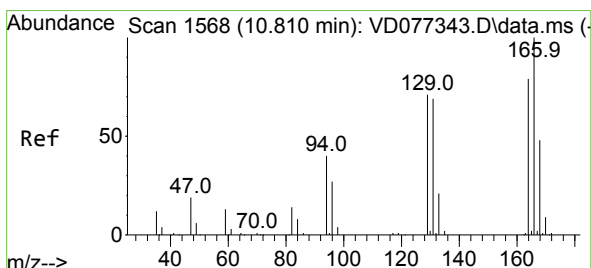
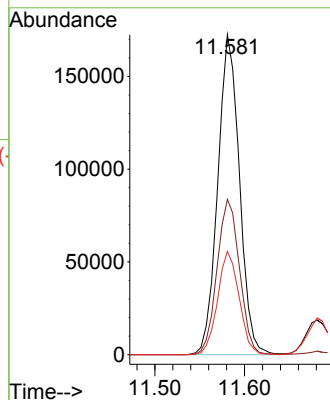
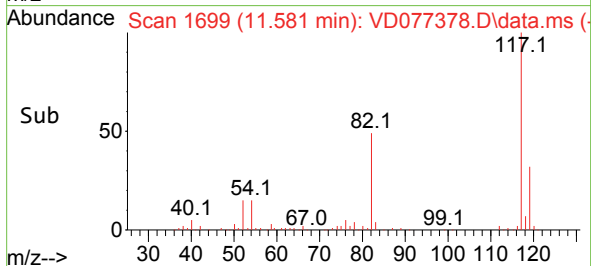


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

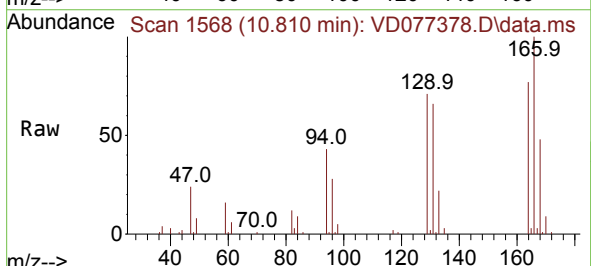
Instrument :
MSVOA_D
ClientSampleId :



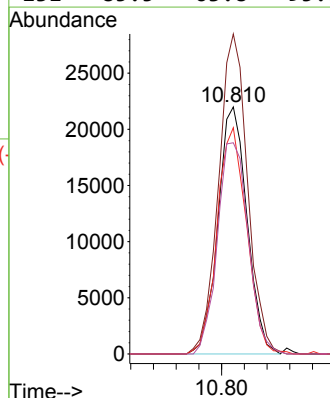
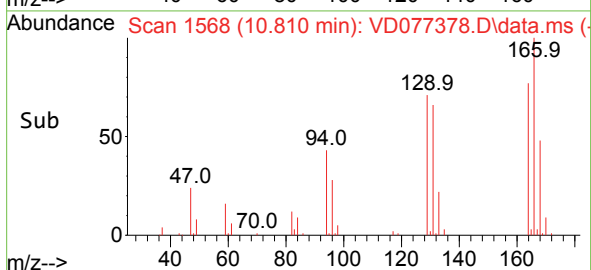
Tgt Ion:117 Resp: 289620
Ion Ratio Lower Upper
117 100
82 48.5 38.3 57.5
119 32.3 25.0 37.4

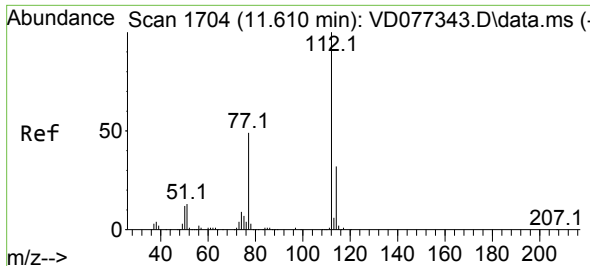


#64
Tetrachloroethene
Concen: 18.157 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14



Tgt Ion:164 Resp: 39086
Ion Ratio Lower Upper
164 100
166 129.5 99.2 148.8
129 91.6 68.4 102.6
131 85.5 63.8 95.8

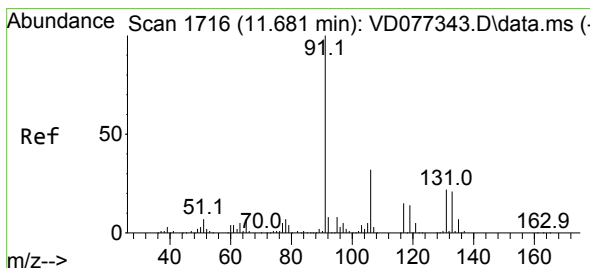
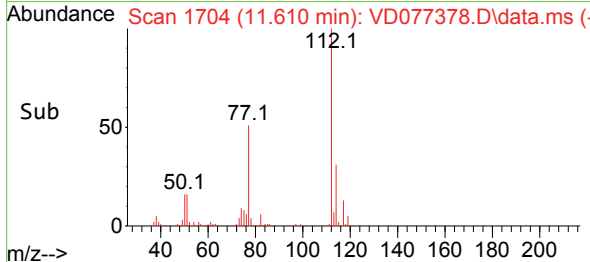
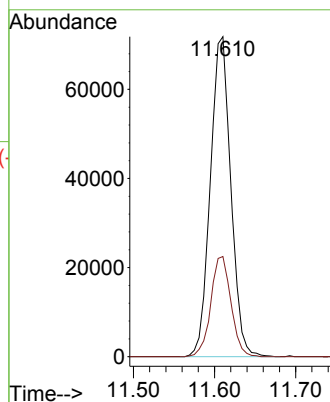
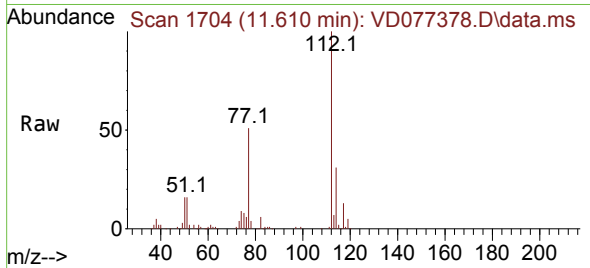




#65
Chlorobenzene
Concen: 19.947 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

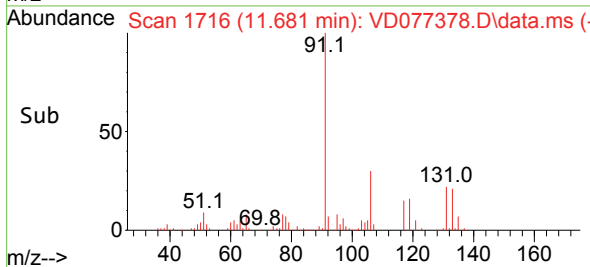
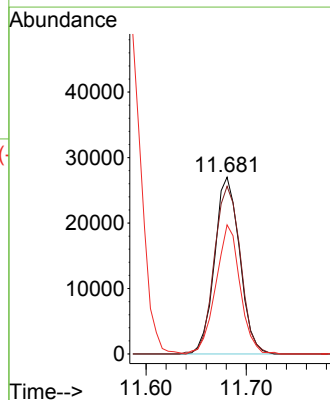
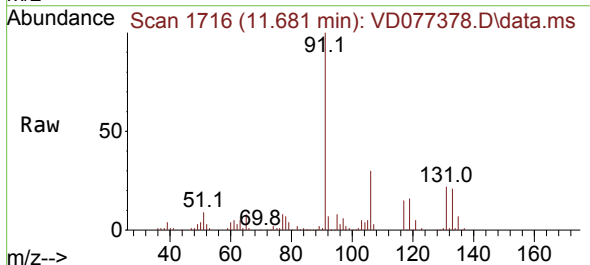
Instrument :
MSVOA_D
ClientSampleId :

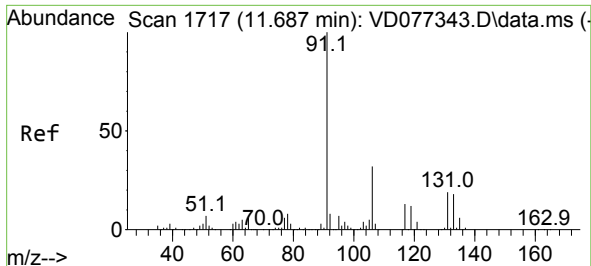
Tgt Ion:112 Resp: 125922
Ion Ratio Lower Upper
112 100
114 31.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.555 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

Tgt Ion:131 Resp: 46926
Ion Ratio Lower Upper
131 100
133 99.0 48.5 145.5
119 70.8 35.6 106.9

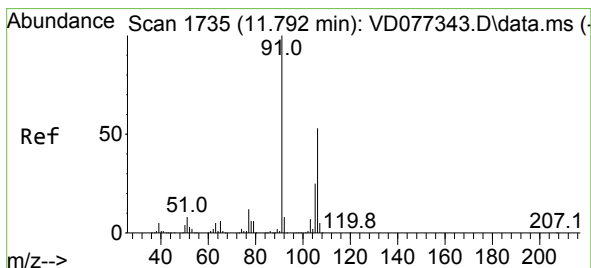
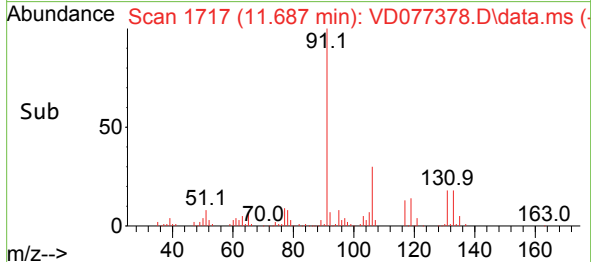
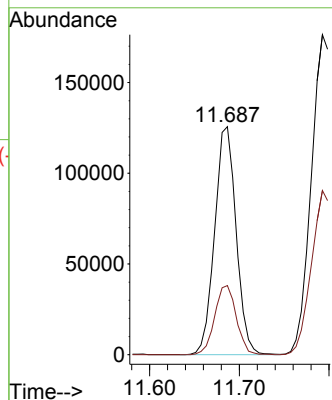
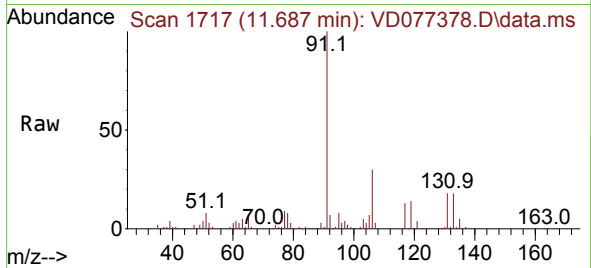




#67
Ethyl Benzene
Concen: 19.978 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

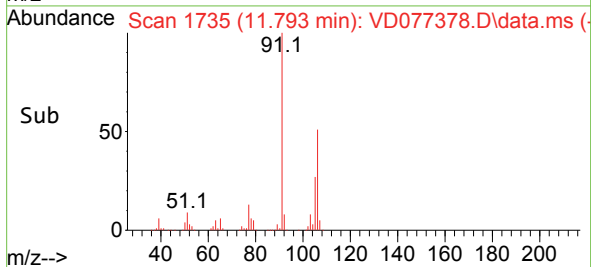
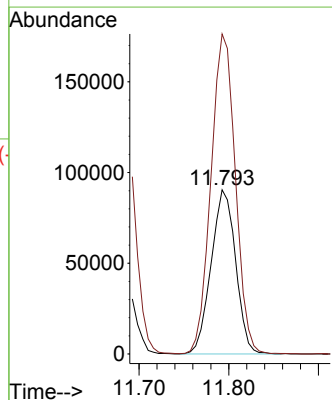
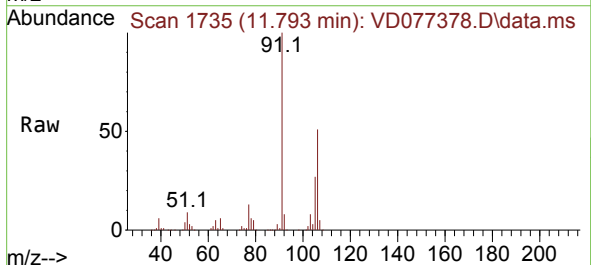
Instrument :
MSVOA_D
ClientSampleId :

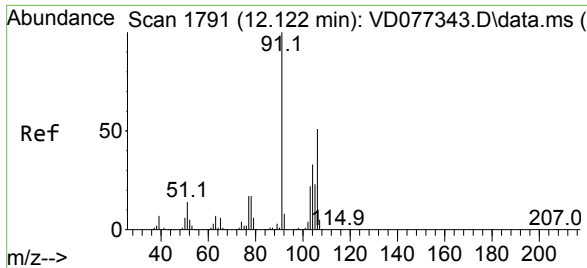
Tgt Ion: 91 Resp: 209059
Ion Ratio Lower Upper
91 100
106 30.3 26.5 39.7



#68
m/p-Xylenes
Concen: 39.943 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

Tgt Ion:106 Resp: 171643
Ion Ratio Lower Upper
106 100
91 194.3 147.0 220.6





#69

o-Xylene

Concen: 18.816 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD077378.D

Acq: 23 Oct 2023 12:14

Instrument :

MSVOA_D

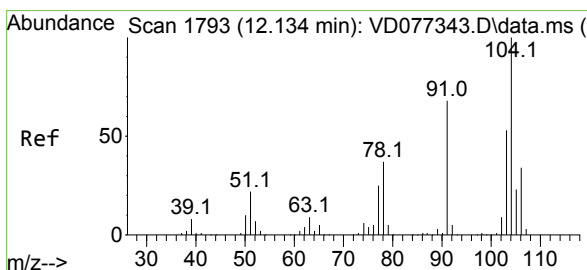
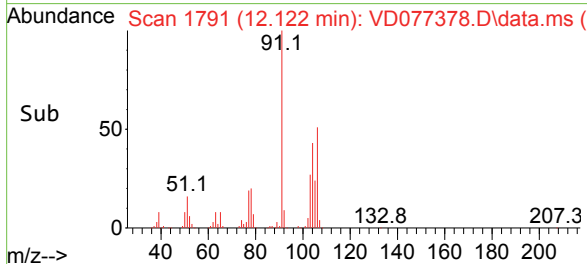
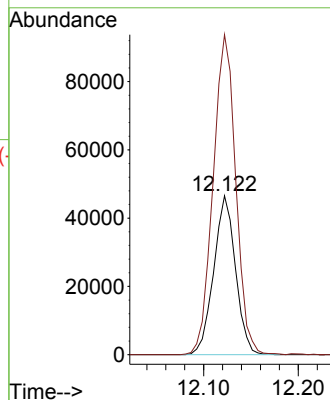
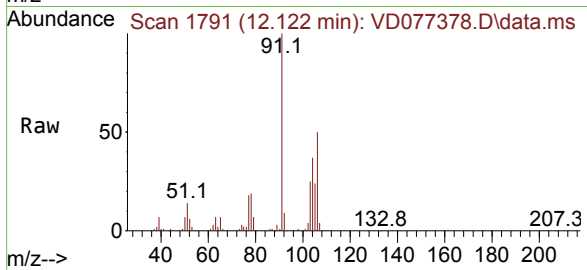
ClientSampleId :

Tgt Ion:106 Resp: 74432

Ion Ratio Lower Upper

106 100

91 209.3 97.9 293.6



#70

Styrene

Concen: 20.395 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD077378.D

Acq: 23 Oct 2023 12:14

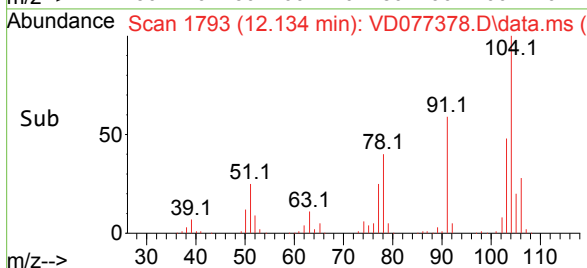
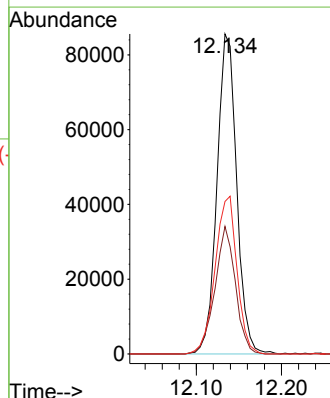
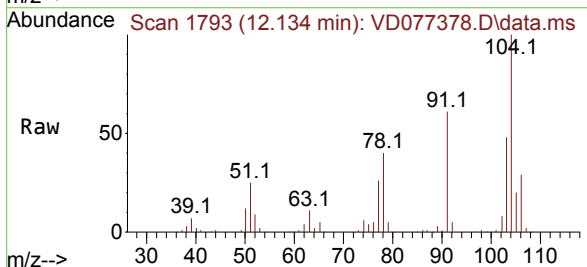
Tgt Ion:104 Resp: 137649

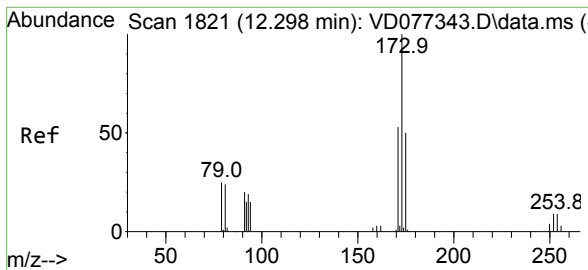
Ion Ratio Lower Upper

104 100

78 41.5 33.2 49.8

103 54.8 43.6 65.4





#71

Bromoform

Concen: 20.219 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

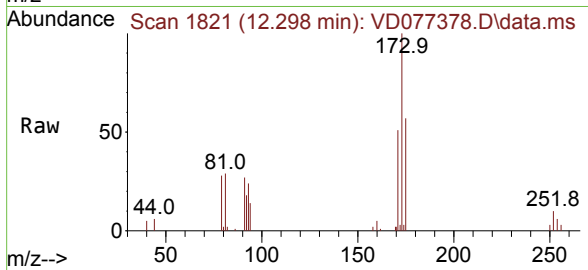
Lab File: VD077378.D

Acq: 23 Oct 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :



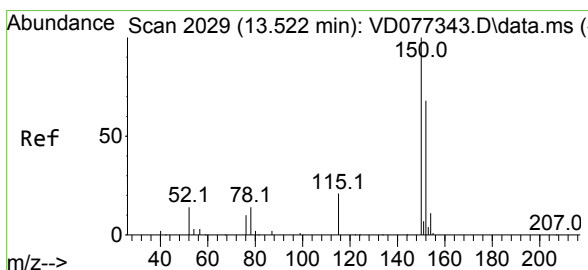
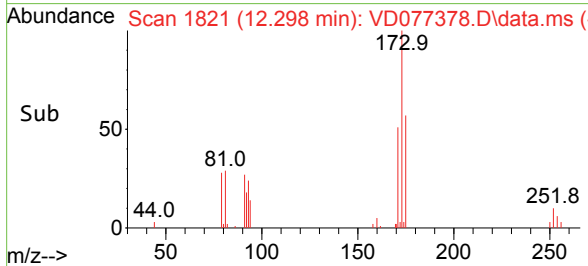
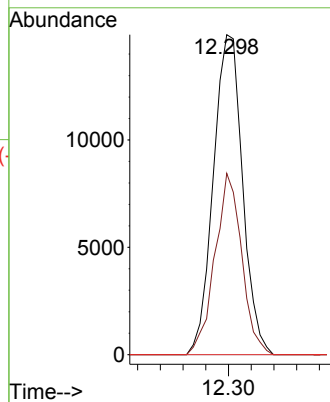
Tgt Ion:173 Resp: 26598

Ion Ratio Lower Upper

173 100

175 52.1 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD077378.D

Acq: 23 Oct 2023 12:14

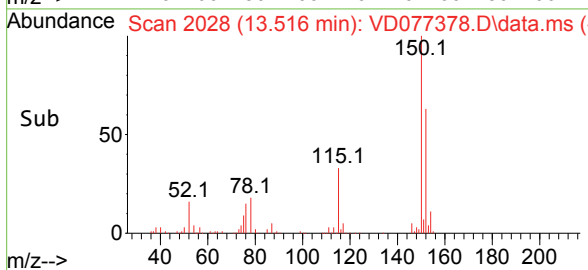
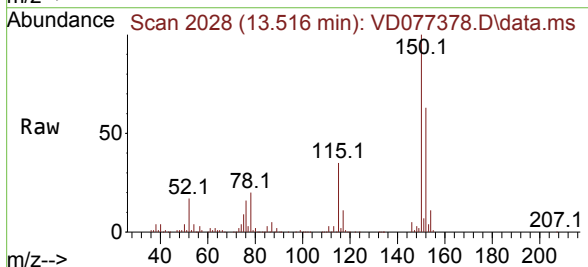
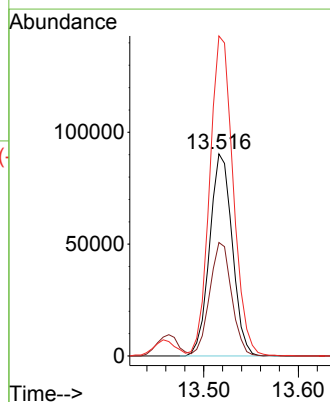
Tgt Ion:152 Resp: 150316

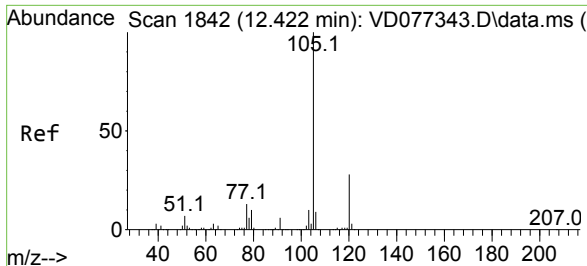
Ion Ratio Lower Upper

152 100

115 54.5 27.1 81.3

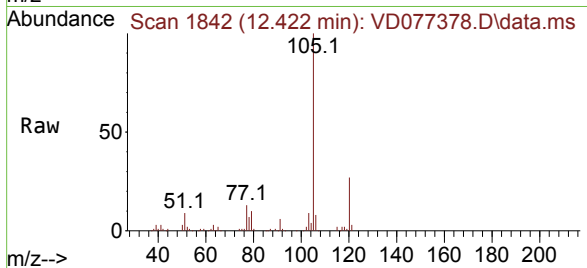
150 164.4 0.0 353.6



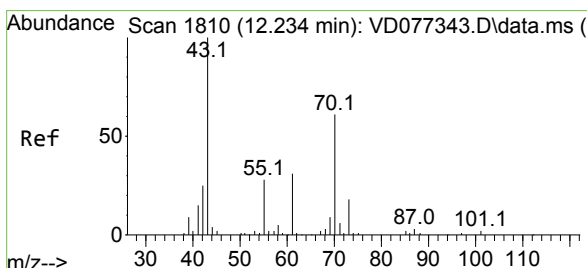
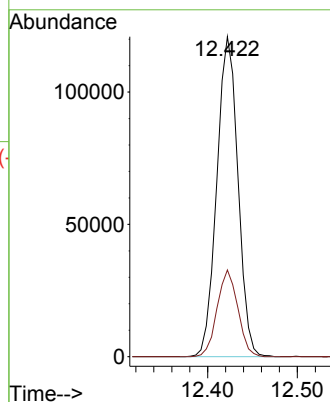
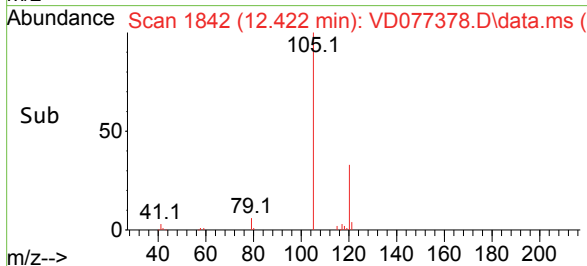


#73
Isopropylbenzene
Concen: 19.885 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

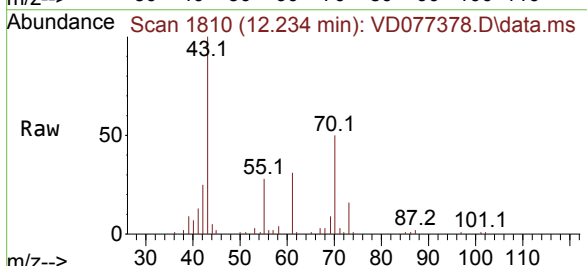
Instrument :
MSVOA_D
ClientSampleId :



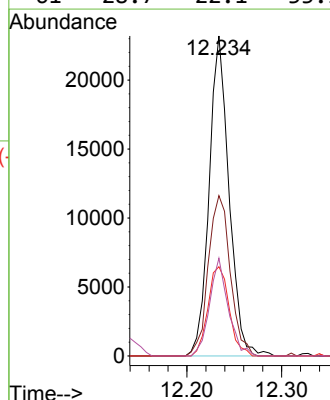
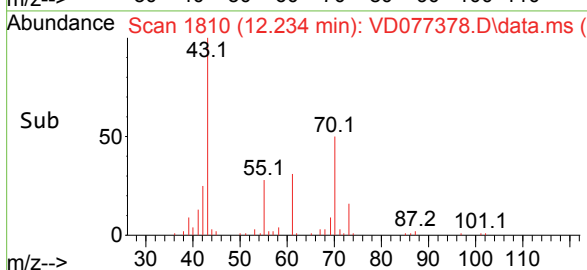
Tgt Ion:105 Resp: 197707
Ion Ratio Lower Upper
105 100
120 26.5 14.3 42.9

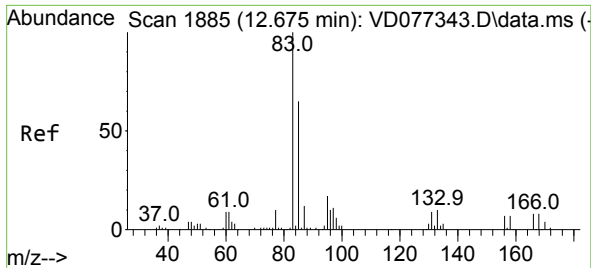


#74
N-ethyl acetate
Concen: 23.706 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14



Tgt Ion: 43 Resp: 33908
Ion Ratio Lower Upper
43 100
70 55.4 45.0 67.4
55 29.7 23.8 35.6
61 28.7 22.1 33.1

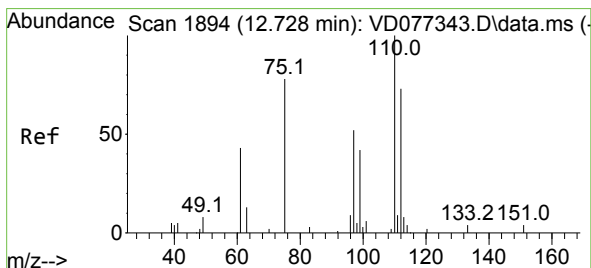
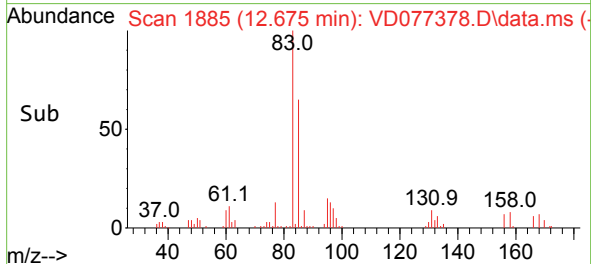
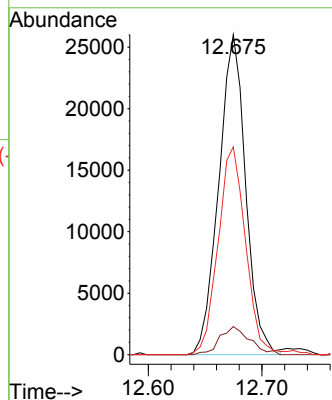
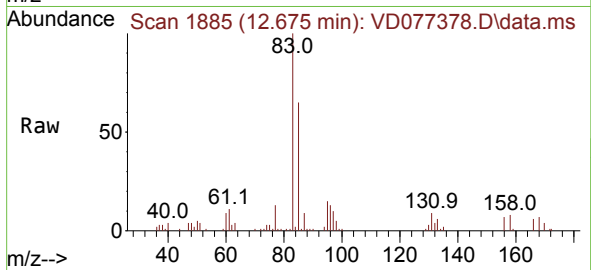




#75
 1,1,2,2-Tetrachloroethane
 Concen: 23.707 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD077378.D
 Acq: 23 Oct 2023 12:14

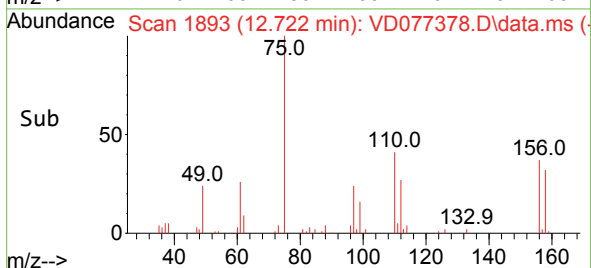
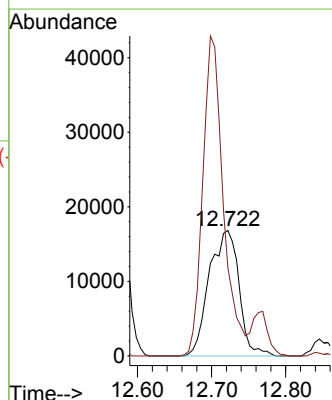
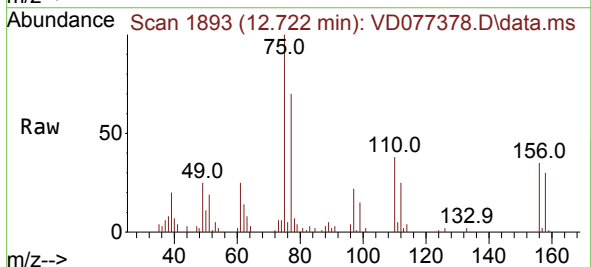
Instrument :
 MSVOA_D
 ClientSampleId :

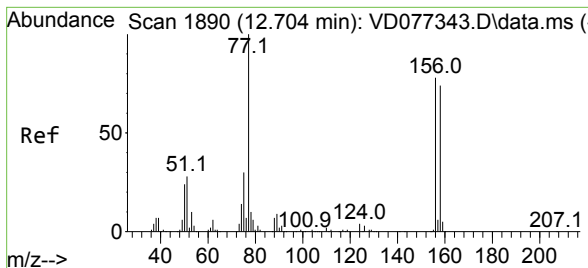
Tgt Ion: 83 Resp: 42833
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.1 15.3
 85 66.8 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 24.469 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.006 min
 Lab File: VD077378.D
 Acq: 23 Oct 2023 12:14

Tgt Ion: 75 Resp: 46913
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.317 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD077378.D

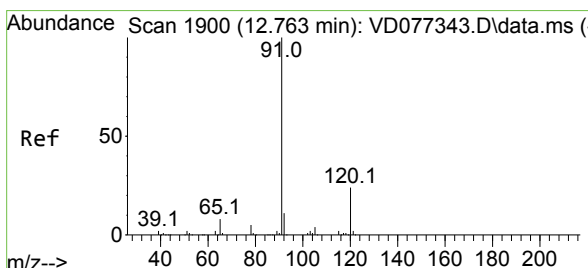
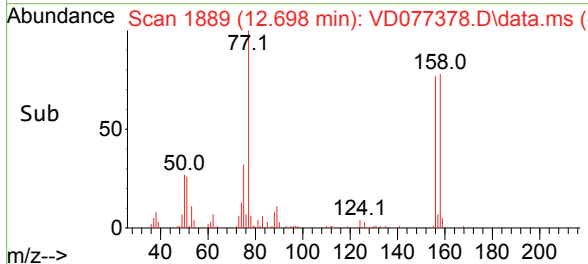
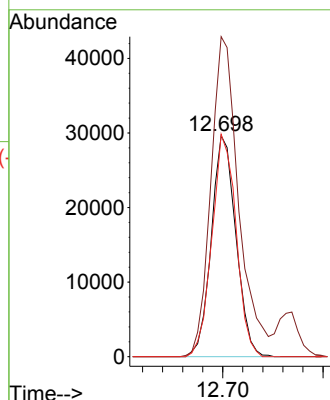
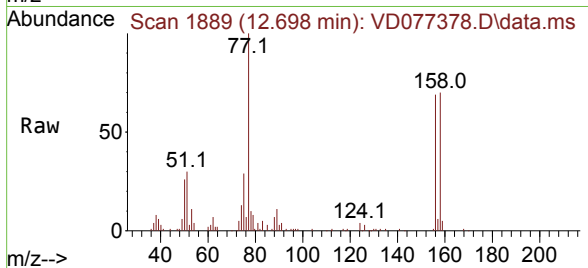
Acq: 23 Oct 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	156	Resp:	50422
Ion Ratio	Lower	Upper	
156	100		
77	163.8	76.8	230.4
158	98.9	48.6	145.9



#78

n-propylbenzene

Concen: 20.801 ug/l

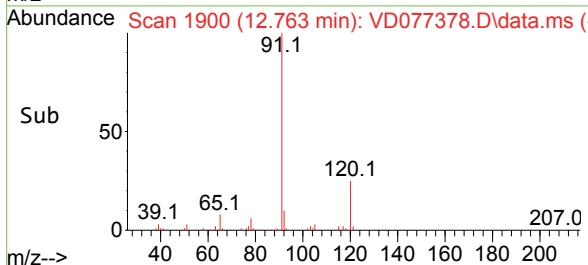
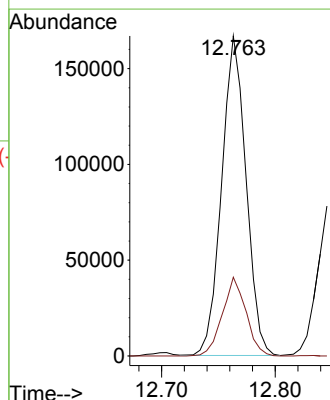
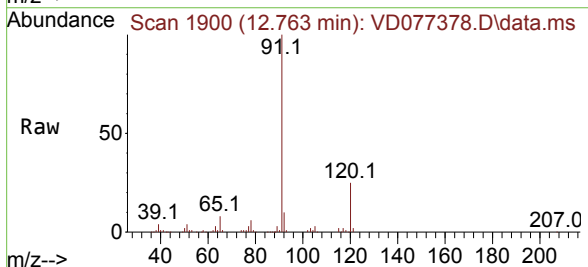
RT: 12.763 min Scan# 1900

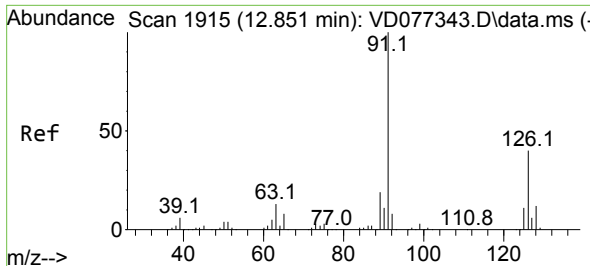
Delta R.T. 0.000 min

Lab File: VD077378.D

Acq: 23 Oct 2023 12:14

Tgt Ion:	91	Resp:	249077
Ion Ratio	Lower	Upper	
91	100		
120	23.9	12.4	37.2

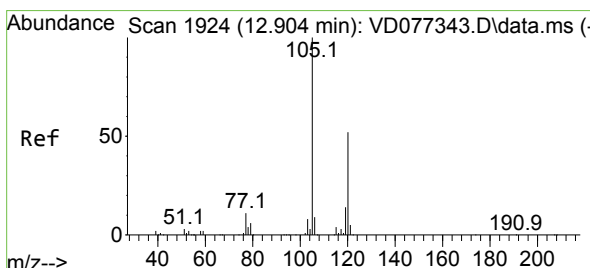
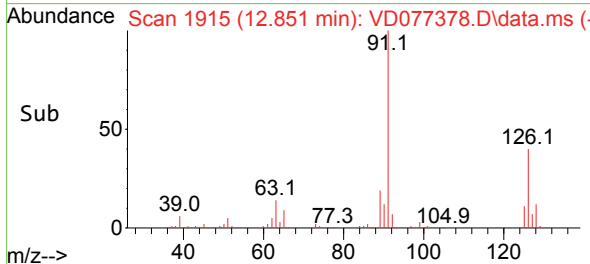
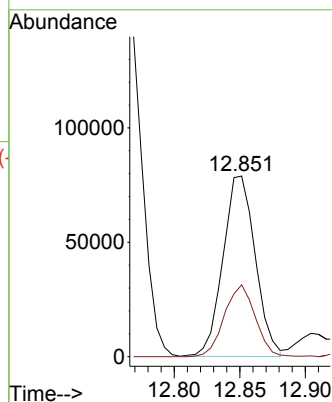
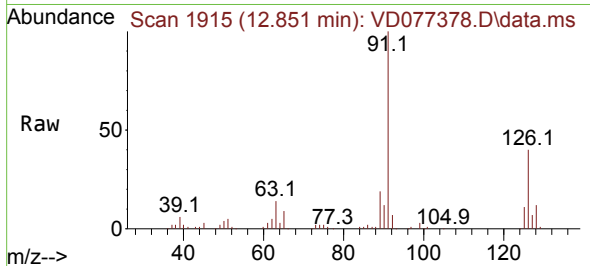




#79
2-Chlorotoluene
Concen: 20.716 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

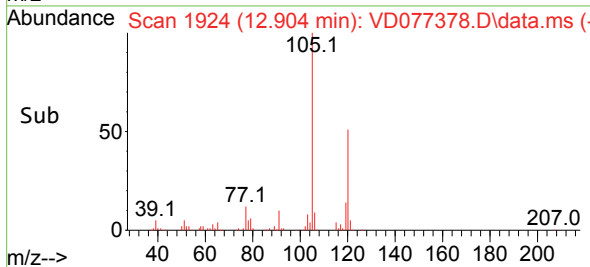
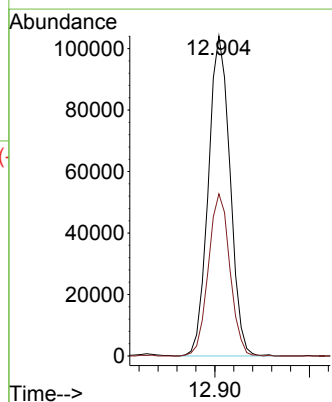
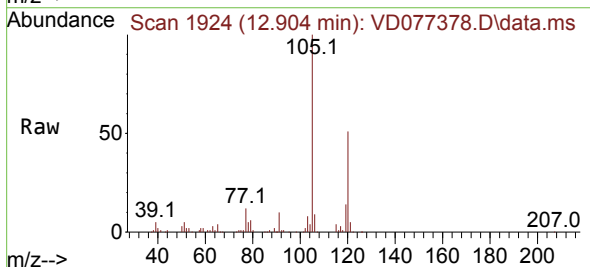
Instrument :
MSVOA_D
ClientSampleId :

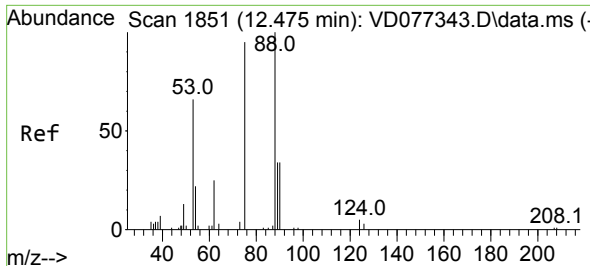
Tgt Ion: 91 Resp: 135108
Ion Ratio Lower Upper
91 100
126 38.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.229 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

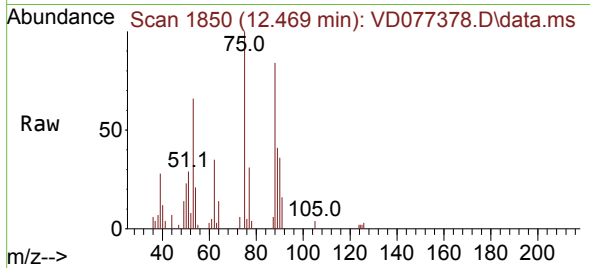
Tgt Ion: 105 Resp: 165976
Ion Ratio Lower Upper
105 100
120 50.2 26.4 79.2



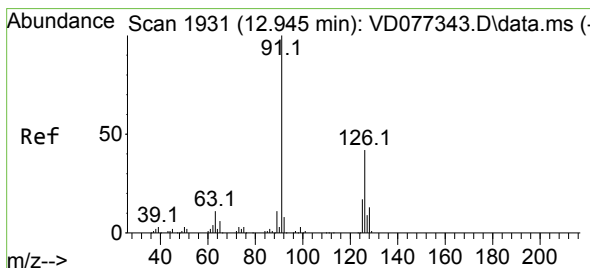
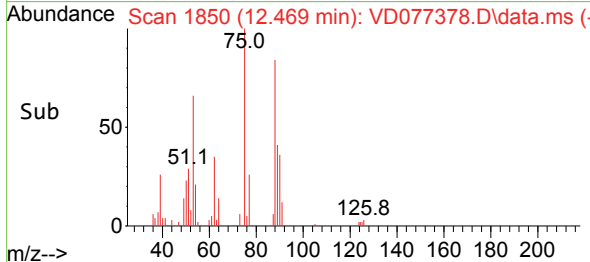
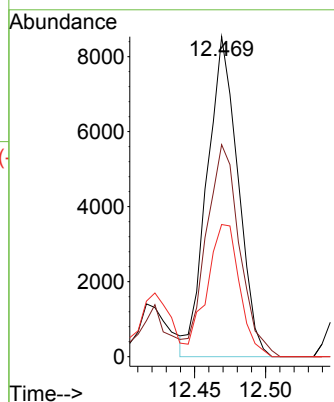


#81
trans-1,4-Dichloro-2-butene
Concen: 23.054 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

Instrument :
MSVOA_D
ClientSampleId :

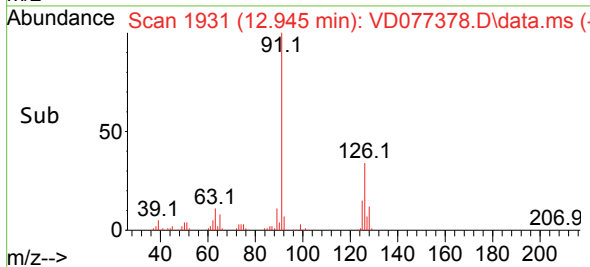
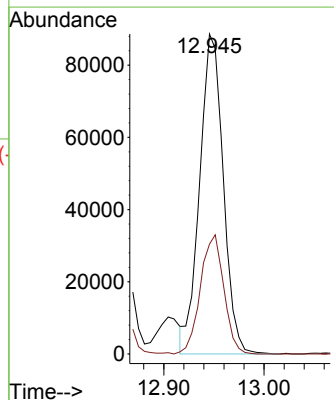
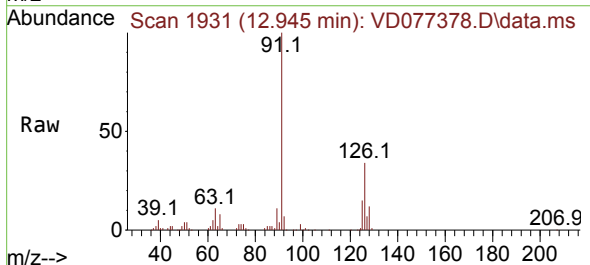


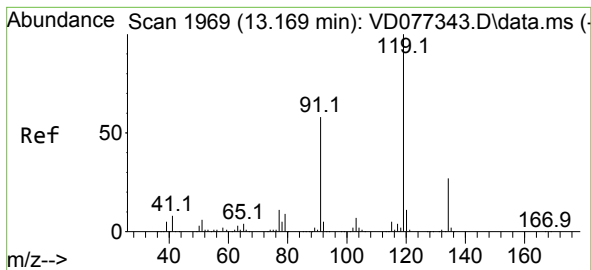
Tgt Ion: 75 Resp: 12933
Ion Ratio Lower Upper
75 100
53 71.6 63.0 94.4
89 43.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 21.372 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

Tgt Ion: 91 Resp: 145120
Ion Ratio Lower Upper
91 100
126 36.9 19.4 58.4





#83

tert-Butylbenzene

Concen: 19.179 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

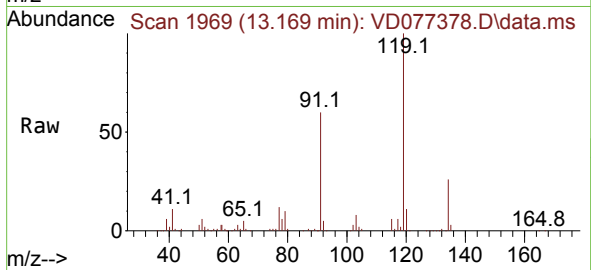
Lab File: VD077378.D

Acq: 23 Oct 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :



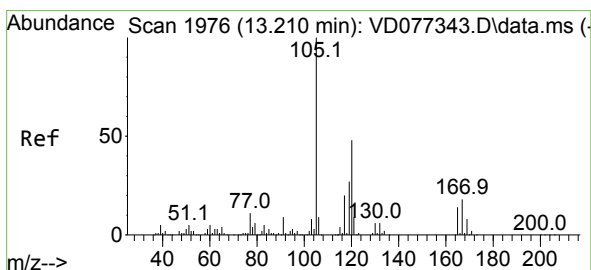
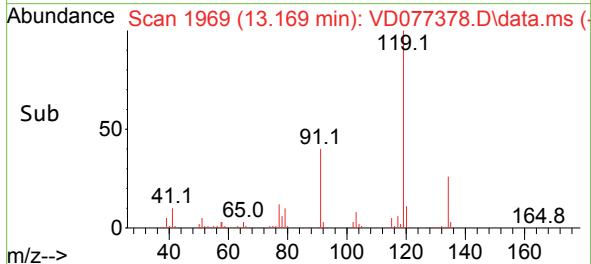
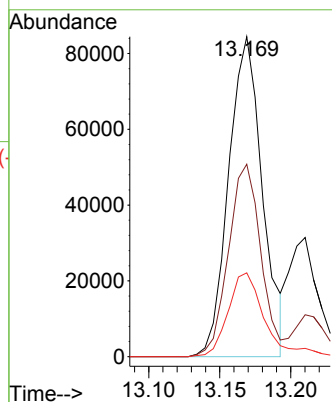
Tgt Ion:119 Resp: 139511

Ion Ratio Lower Upper

119 100

91 57.7 29.3 87.8

134 28.4 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 20.084 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077378.D

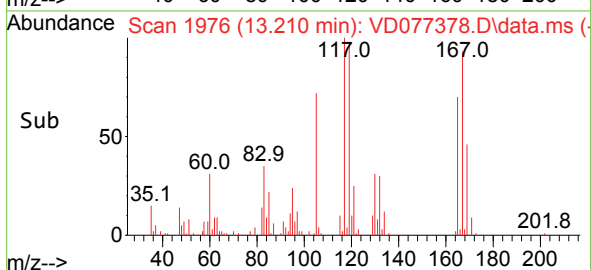
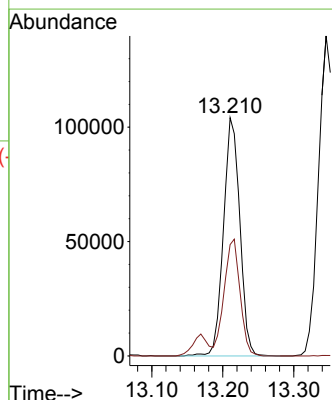
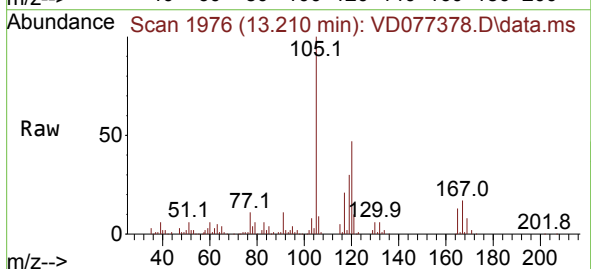
Acq: 23 Oct 2023 12:14

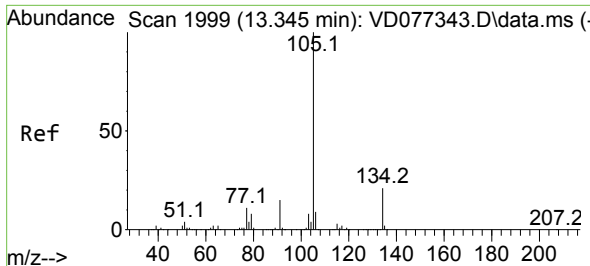
Tgt Ion:105 Resp: 165909

Ion Ratio Lower Upper

105 100

120 47.7 24.3 72.9

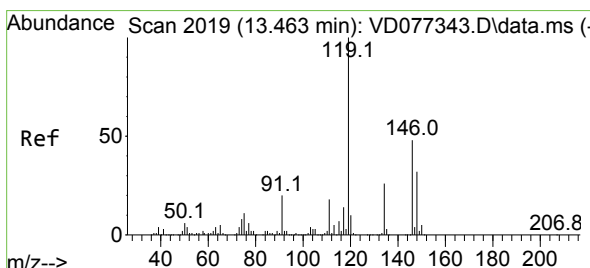
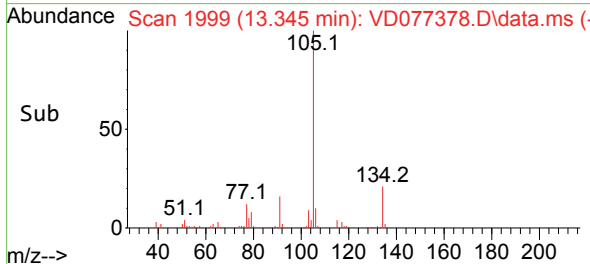
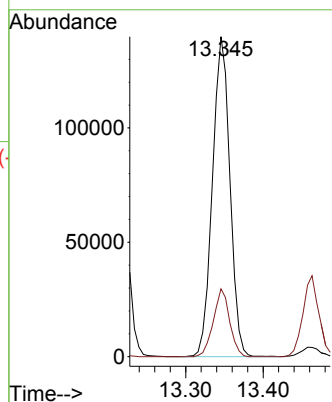
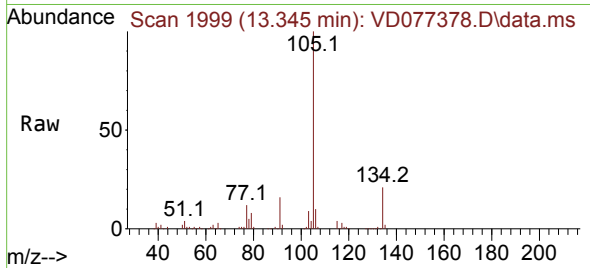




#85
 sec-Butylbenzene
 Concen: 20.020 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077378.D
 Acq: 23 Oct 2023 12:14

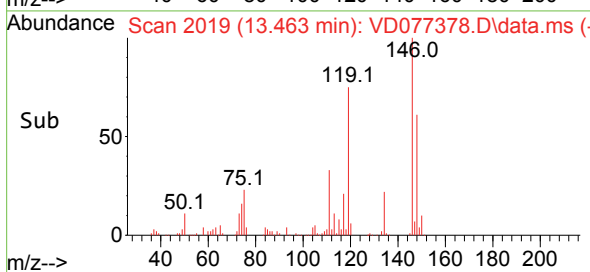
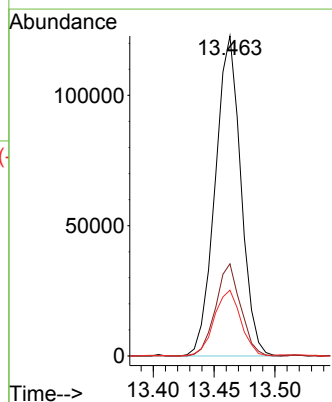
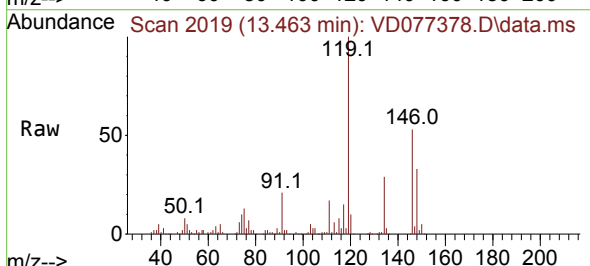
Instrument :
 MSVOA_D
 ClientSampleId :

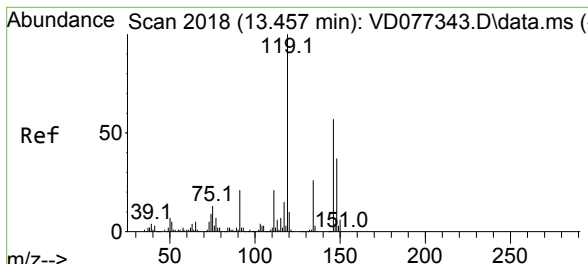
Tgt Ion:105 Resp: 219150
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 18.953 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077378.D
 Acq: 23 Oct 2023 12:14

Tgt Ion:119 Resp: 180232
 Ion Ratio Lower Upper
 119 100
 134 28.0 14.2 42.6
 91 21.4 10.5 31.5

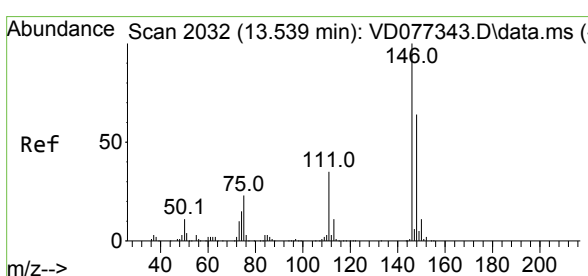
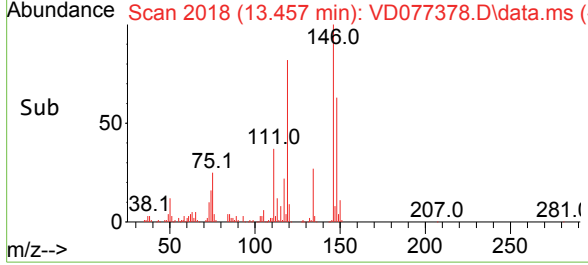
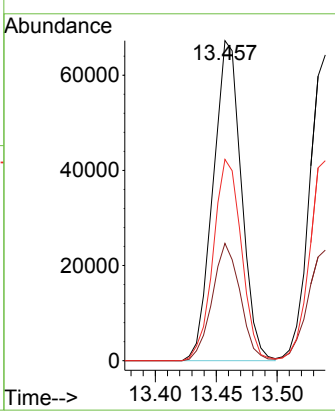
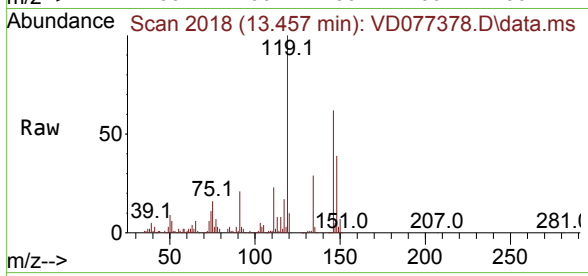




#87
 1,3-Dichlorobenzene
 Concen: 19.825 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD077378.D
 Acq: 23 Oct 2023 12:14

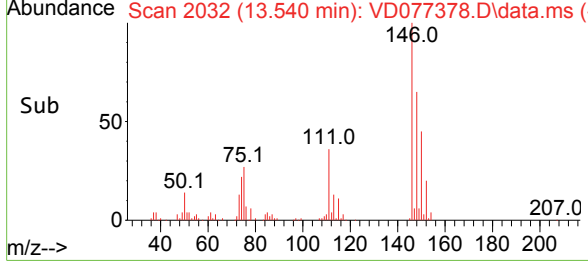
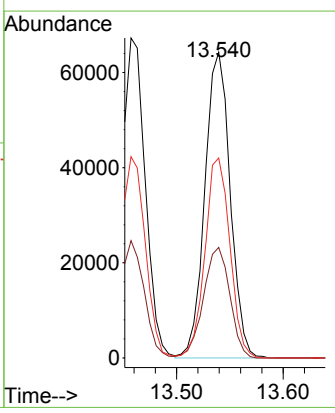
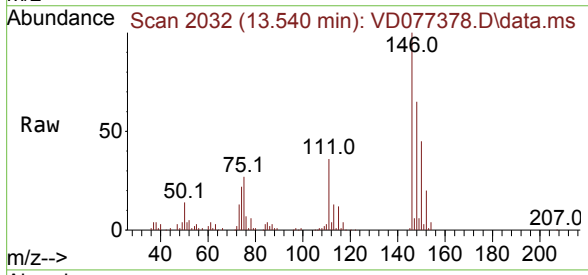
Instrument :
 MSVOA_D
 ClientSampleId :

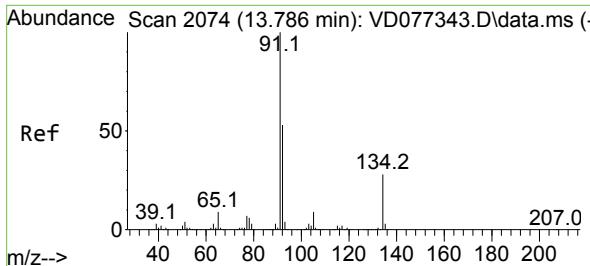
Tgt Ion:	146	Resp:	108903
Ion Ratio	Lower	Upper	
146	100		
111	36.2	17.9	53.8
148	62.8	32.3	96.8



#88
 1,4-Dichlorobenzene
 Concen: 19.493 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD077378.D
 Acq: 23 Oct 2023 12:14

Tgt Ion:	146	Resp:	106113
Ion Ratio	Lower	Upper	
146	100		
111	37.8	17.4	52.3
148	64.5	31.7	95.1

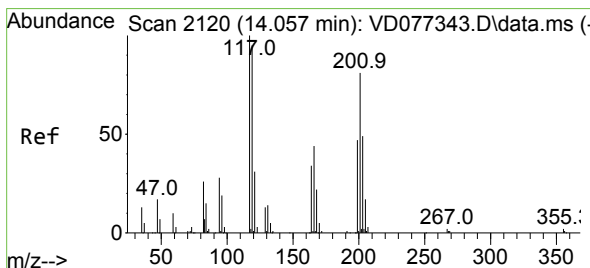
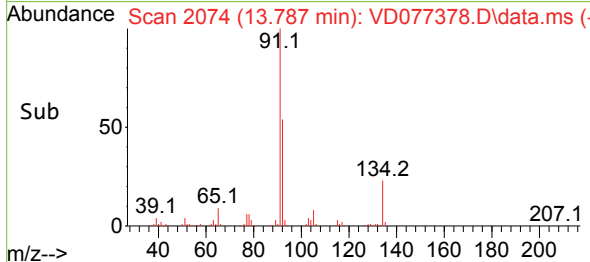
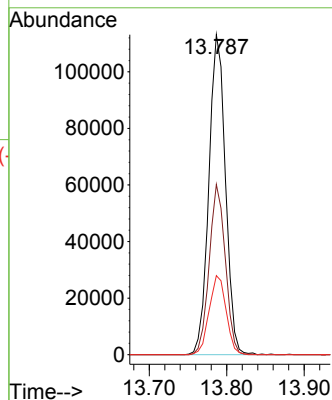
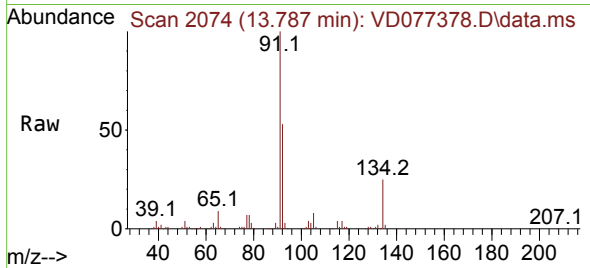




#89
n-Butylbenzene
Concen: 20.311 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

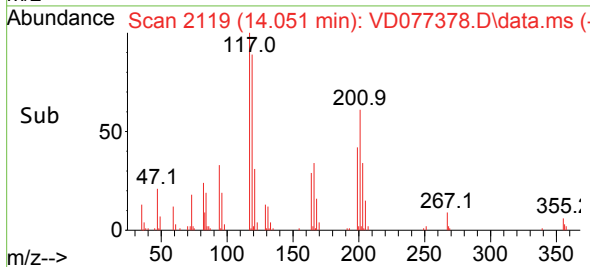
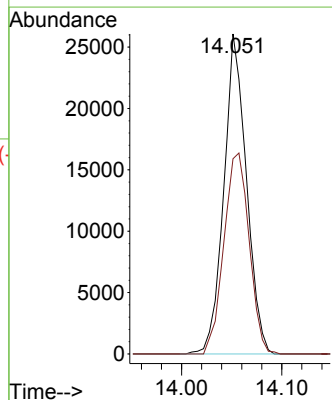
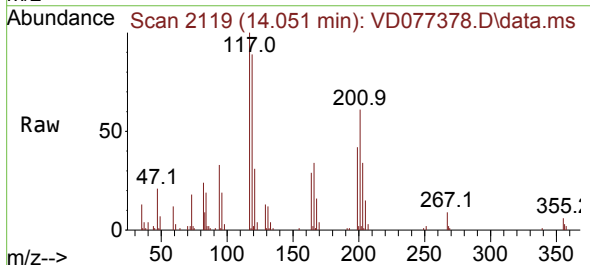
Instrument :
MSVOA_D
ClientSampleId :

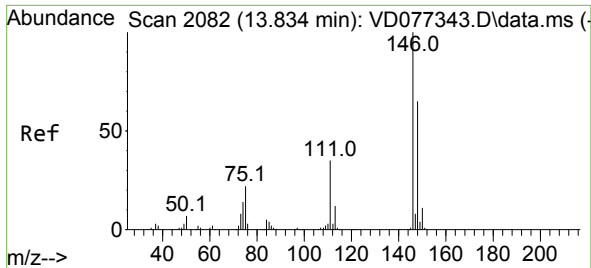
Tgt Ion: 91 Resp: 168186
Ion Ratio Lower Upper
91 100
92 51.6 26.5 79.5
134 25.3 13.8 41.3



#90
Hexachloroethane
Concen: 21.218 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

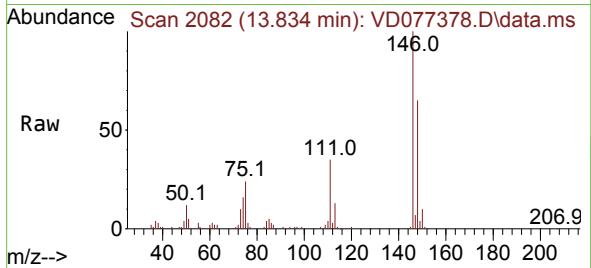
Tgt Ion: 117 Resp: 40786
Ion Ratio Lower Upper
117 100
201 70.3 38.5 115.5



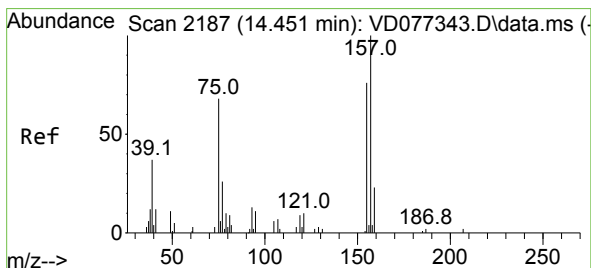
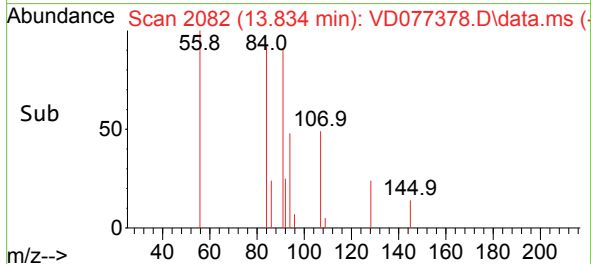
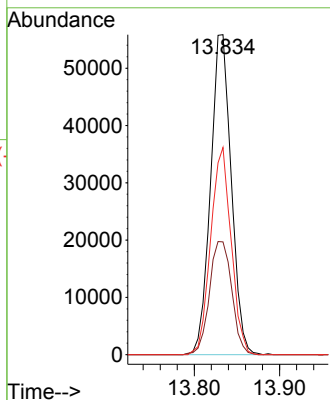


#91
1,2-Dichlorobenzene
Concen: 20.324 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

Instrument :
MSVOA_D
ClientSampleId :

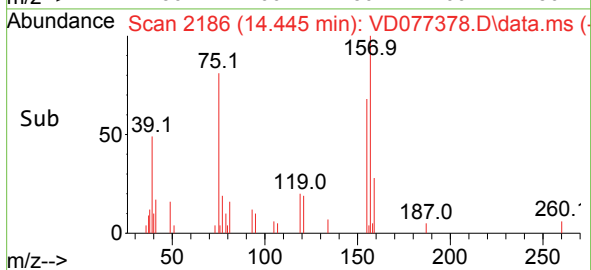
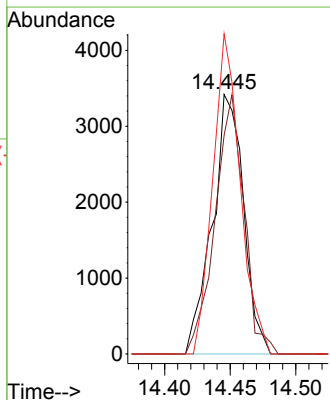
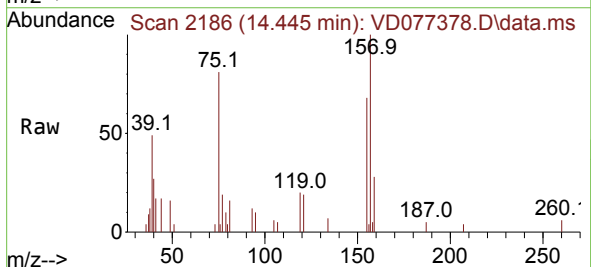


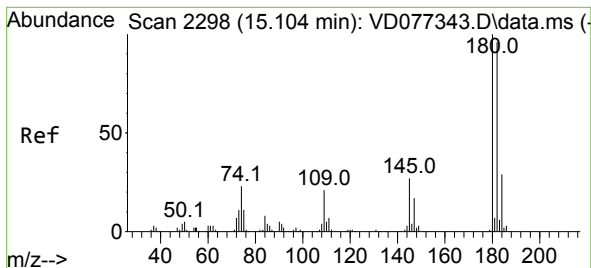
Tgt Ion:146 Resp: 94309
Ion Ratio Lower Upper
146 100
111 38.1 18.3 54.8
148 63.8 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 25.640 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077378.D
Acq: 23 Oct 2023 12:14

Tgt Ion: 75 Resp: 5670
Ion Ratio Lower Upper
75 100
155 92.6 47.9 143.8
157 108.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 18.084 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD077378.D

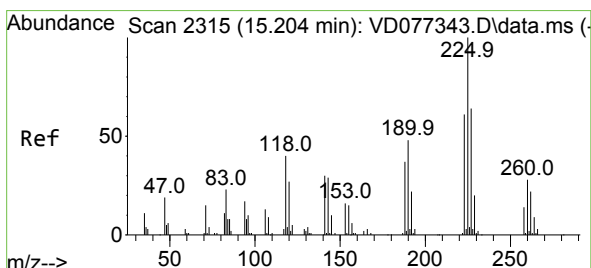
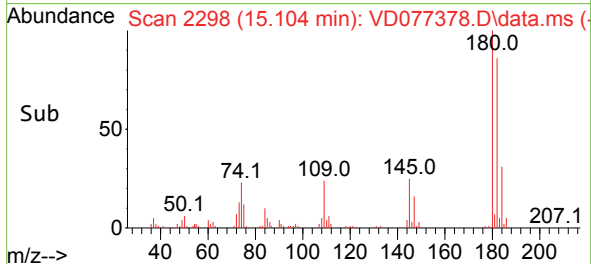
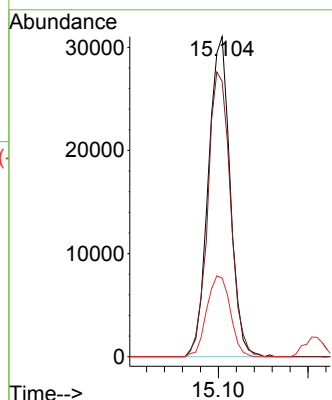
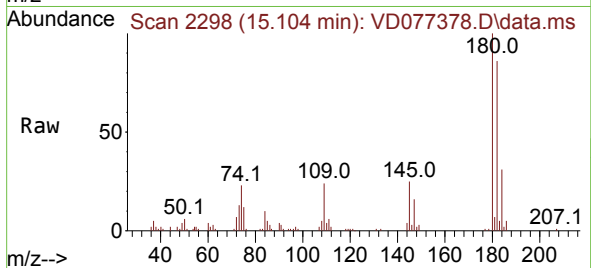
Acq: 23 Oct 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:180	Resp:	52284
Ion Ratio	Lower	Upper
180	100	
182	92.6	48.5 145.6
145	27.2	14.2 42.6



#94

Hexachlorobutadiene

Concen: 17.208 ug/l

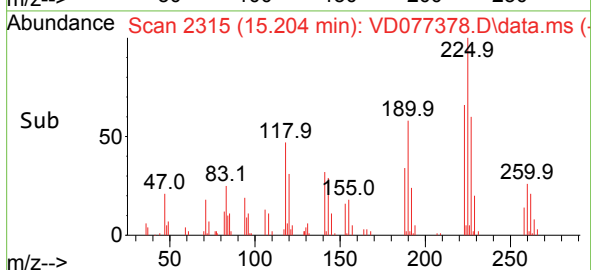
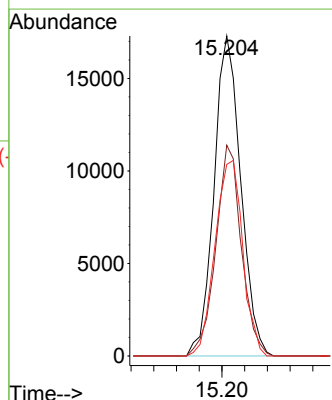
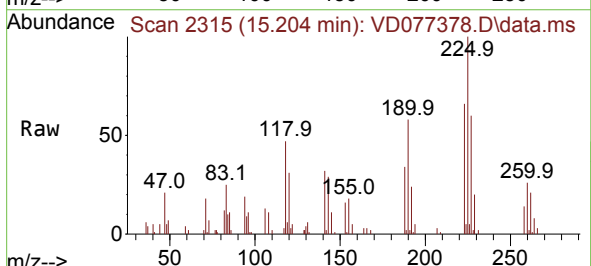
RT: 15.204 min Scan# 2315

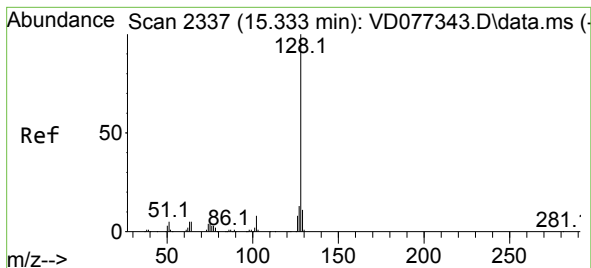
Delta R.T. 0.000 min

Lab File: VD077378.D

Acq: 23 Oct 2023 12:14

Tgt Ion:225	Resp:	28255
Ion Ratio	Lower	Upper
225	100	
223	62.9	31.6 94.8
227	63.3	31.7 95.1





#95

Naphthalene

Concen: 18.851 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077378.D

Acq: 23 Oct 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

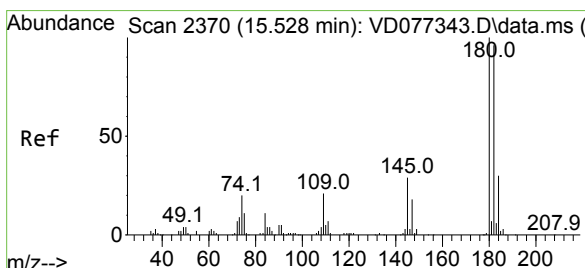
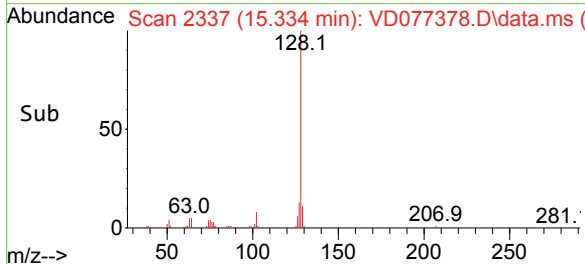
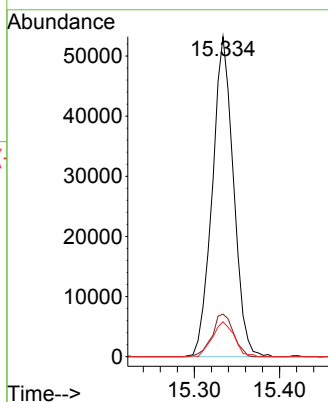
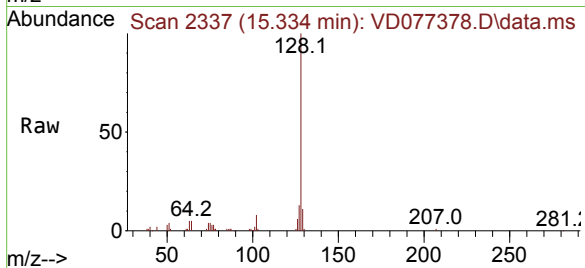
Tgt Ion:128 Resp: 92024

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.332 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD077378.D

Acq: 23 Oct 2023 12:14

Tgt Ion:180 Resp: 46004

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

145 29.5 15.1 45.3

