

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082523\
 Data File : VD077029.D
 Acq On : 25 Aug 2023 21:33
 Operator : JC/SY
 Sample : 04172-12MS
 Misc : 3.90G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCHW4MS

Quant Time: Aug 25 23:58:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 25 23:54:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	234936	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	245316	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	134203	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	110216	17.059	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.240%
7) Chloroethane-d5	2.793	69	119717	20.044	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.160%
11) 1,1-Dichloroethene-d2	3.910	65	27707	18.099	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.400%
21) 2-Butanone-d5	6.981	46	45552	43.914	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.820%
24) Chloroform-d	7.569	84	192567	25.171	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.680%
26) 1,2-Dichloroethane-d4	8.228	65	93561	24.533	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.120%
32) Benzene-d6	8.198	84	354879	23.009	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.040%
36) 1,2-Dichloropropane-d6	9.210	67	113970	24.033	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.120%
41) Toluene-d8	10.269	98	326490	23.088	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.360%
43) trans-1,3-Dichloroprop...	10.522	79	45987	21.450	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.800%
47) 2-Hexanone-d5	10.875	63	41261	45.550	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.100%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	112192	24.484	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.920%
66) 1,2-Dichlorobenzene-d4	13.816	152	126806	25.845	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	81410	20.906	ug/L	98
3) Chloromethane	2.146	50	145782	28.857	ug/L	100
5) Vinyl chloride	2.275	62	170659	23.622	ug/L	90
6) Bromomethane	2.687	94	112385	20.840	ug/L	98
8) Chloroethane	2.828	64	116345	23.922	ug/L	98
9) Trichlorofluoromethane	3.163	101	143435	23.979	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	90328	23.175	ug/L	99
12) 1,1-Dichloroethene	3.934	96	80045	23.160	ug/L	84
13) Acetone	4.022	43	34309	32.345	ug/L	92
14) Carbon disulfide	4.263	76	278892	23.250	ug/L	98
15) Methyl Acetate	4.563	43	33419	18.640	ug/L	97
16) Methylene chloride	4.793	84	130515	26.484	ug/L	77
17) trans-1,2-Dichloroethene	5.310	96	94047	24.033	ug/L	85
18) Methyl tert-butyl Ether	5.322	73	200954	23.244	ug/L #	90
19) 1,1-Dichloroethane	6.104	63	161670	24.743	ug/L	95
20) cis-1,2-Dichloroethene	7.075	96	109145	24.985	ug/L	86
22) 2-Butanone	7.081	43	48568	32.726	ug/L	84
23) Bromochloromethane	7.428	128	53404	25.204	ug/L #	74
25) Chloroform	7.593	83	184730	25.814	ug/L	94

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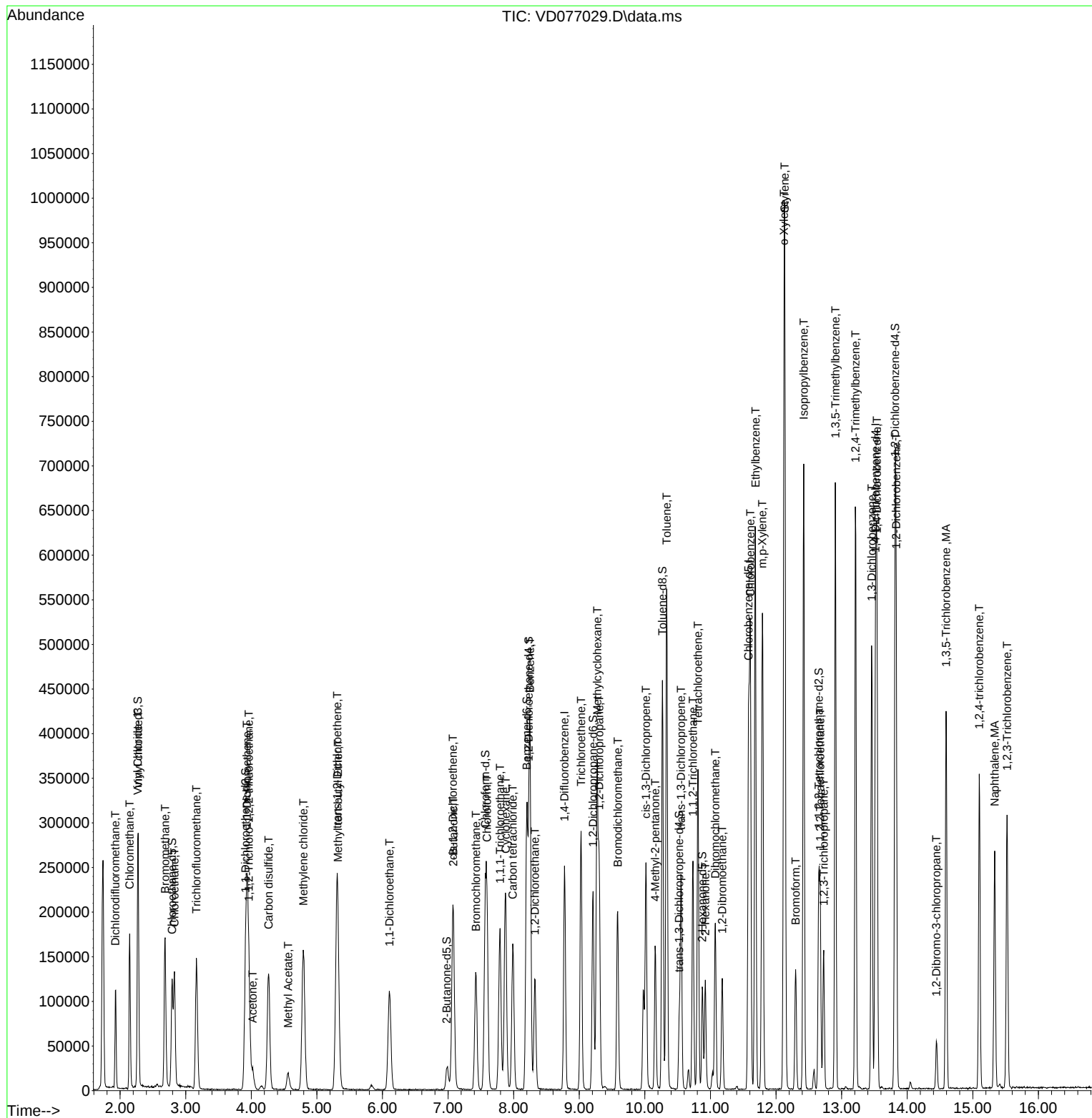
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	108310	24.149	ug/L	100
29) Cyclohexane	7.881	56	116444	21.563	ug/L #	82
30) 1,1,1-Trichloroethane	7.793	97	149239	24.552	ug/L	96
31) Carbon tetrachloride	7.987	117	125125	25.152	ug/L	97
33) Benzene	8.251	78	398870	24.805	ug/L	100
34) Trichloroethene	9.028	95	101754	24.299	ug/L	98
35) Methylcyclohexane	9.275	83	155486	22.769	ug/L	90
37) 1,2-Dichloropropane	9.304	63	99392	24.332	ug/L #	97
38) Bromodichloromethane	9.587	83	137558	24.454	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	159996	24.270	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	98375	38.224	ug/L #	91
42) Toluene	10.334	91	440145	25.172	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	133457	23.163	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	87867	24.204	ug/L	99
46) Tetrachloroethene	10.810	164	81534	25.834	ug/L	94
48) 2-Hexanone	10.922	43	72707	36.735	ug/L #	92
49) Dibromochloromethane	11.075	129	102139	25.290	ug/L	96
50) 1,2-Dibromoethane	11.181	107	81149	22.919	ug/L	94
51) Chlorobenzene	11.610	112	285340	25.047	ug/L	96
52) Ethylbenzene	11.686	91	468817	25.162	ug/L	100
53) m,p-Xylene	11.792	106	184451	25.657	ug/L	99
54) o-Xylene	12.122	106	179882	26.015	ug/L	98
55) Styrene	12.133	104	330152	26.408	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.675	83	97383	21.689	ug/L	96
59) Bromoform	12.298	173	61425	23.079	ug/L #	98
60) Isopropylbenzene	12.422	105	456117	23.632	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	62783	20.044	ug/L	94
62) 1,3,5-Trimethylbenzene	12.904	105	361707	24.600	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	358300	24.486	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	218792	24.838	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	224981	24.709	ug/L	99
67) 1,2-Dichlorobenzene	13.833	146	201182	24.363	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	13424	18.705	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	134898	24.472	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	114737	23.662	ug/L	99
71) Naphthalene	15.333	128	232701	20.410	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	106777	24.282	ug/L	98

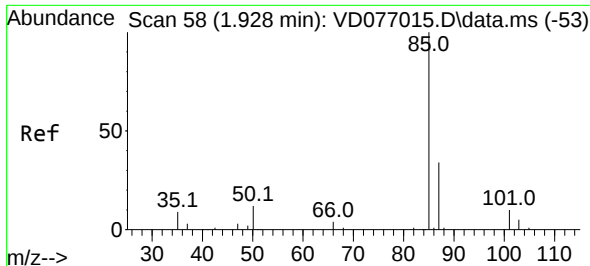
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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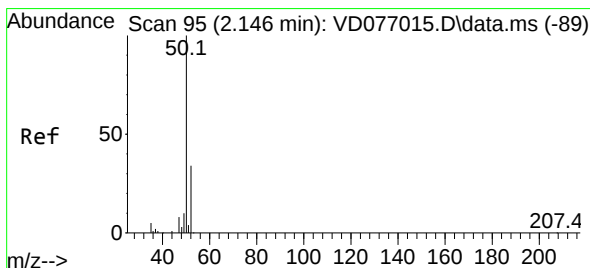
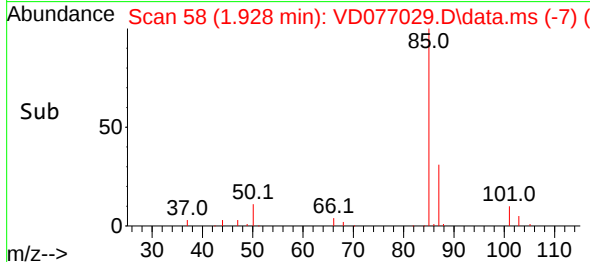
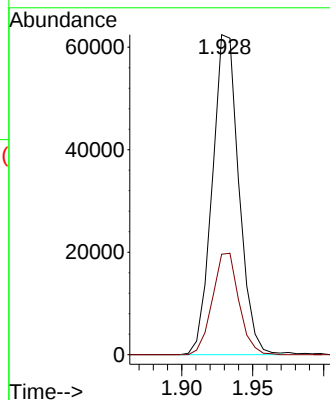
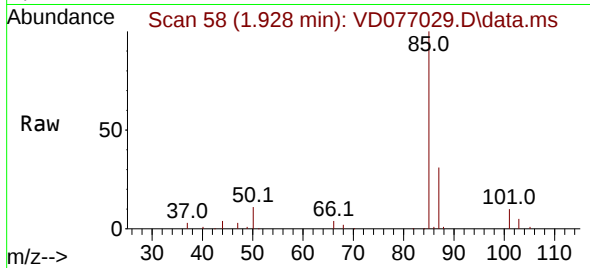




#2
 Dichlorodifluoromethane
 Concen: 20.906 ug/L
 RT: 1.928 min Scan# 58
 Delta R.T. -0.000 min
 Lab File: VD077029.D
 Acq: 25 Aug 2023 21:33

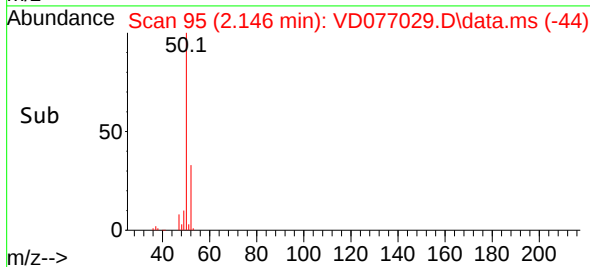
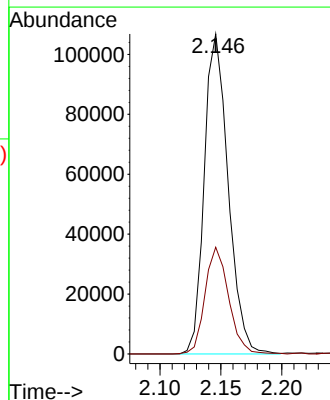
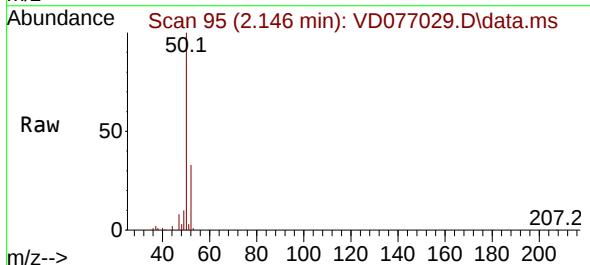
Instrument :
 MSVOA_D
 ClientSampleId :
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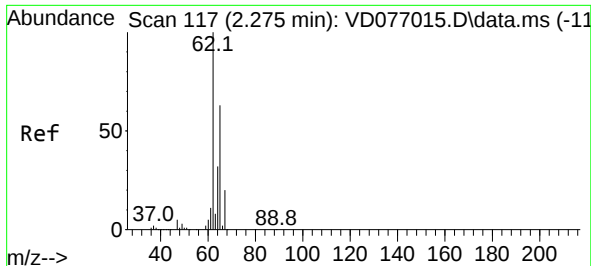
Tgt Ion: 85 Resp: 81410
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.3 39.5



#3
 Chloromethane
 Concen: 28.857 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD077029.D
 Acq: 25 Aug 2023 21:33

Tgt Ion: 50 Resp: 145782
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.2 43.2

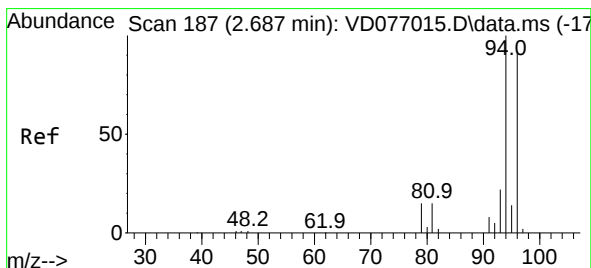
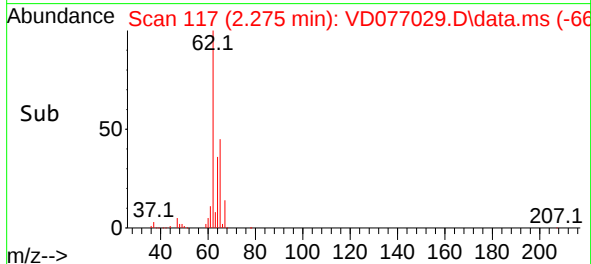
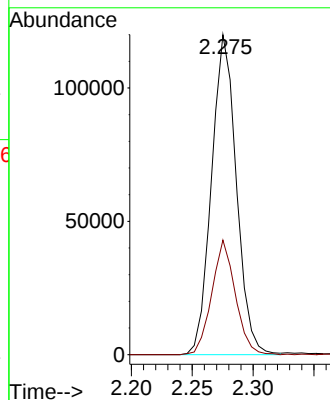
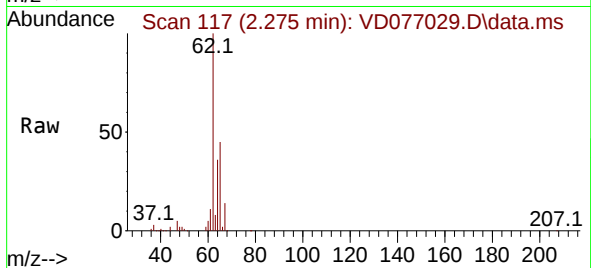




#5
Vinyl chloride
Concen: 23.622 ug/L
RT: 2.275 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

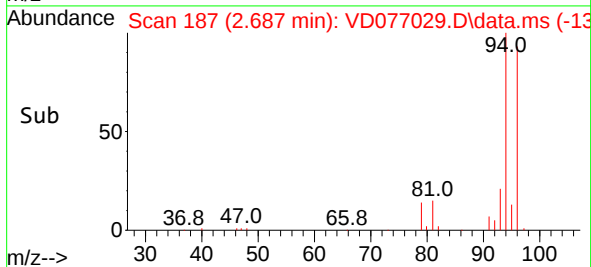
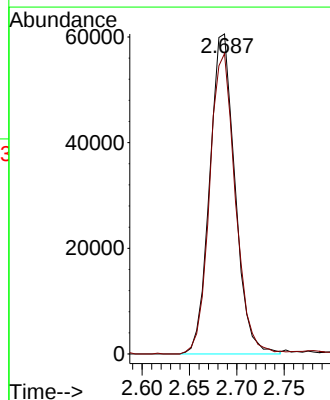
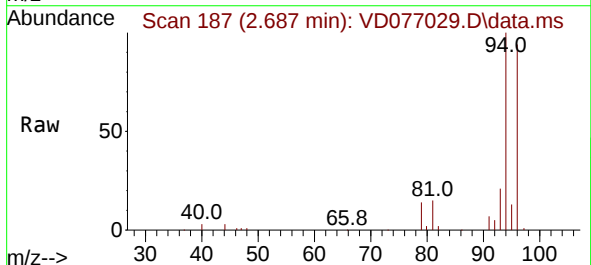
Instrument :
MSVOA_D
ClientSampleId :
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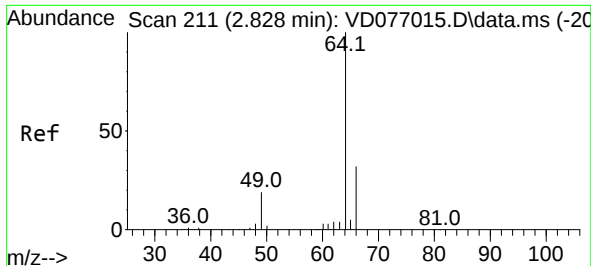
Tgt Ion: 62 Resp: 170659
Ion Ratio Lower Upper
62 100
64 35.8 21.1 39.1



#6
Bromomethane
Concen: 20.840 ug/L
RT: 2.687 min Scan# 187
Delta R.T. -0.000 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

Tgt Ion: 94 Resp: 112385
Ion Ratio Lower Upper
94 100
96 93.8 64.7 120.1

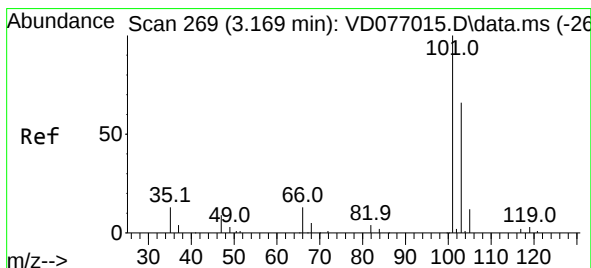
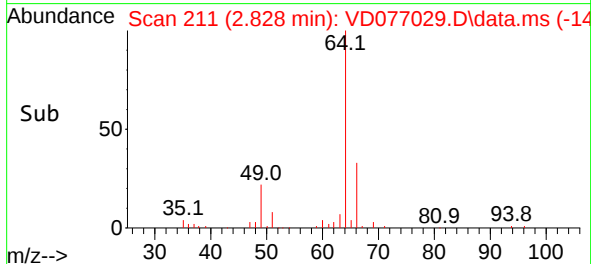
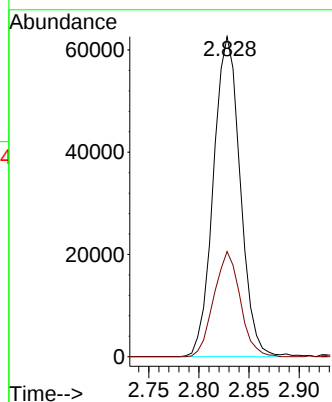
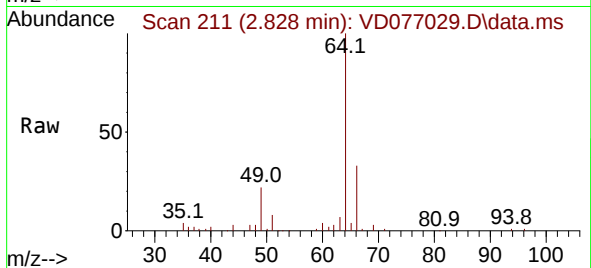




#8
Chloroethane
Concen: 23.922 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

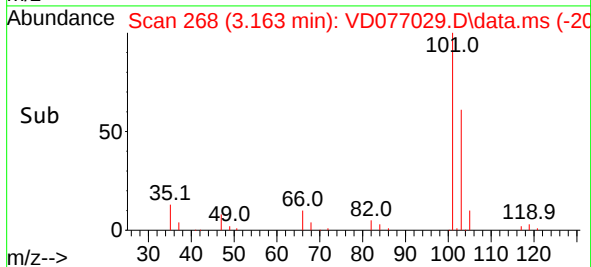
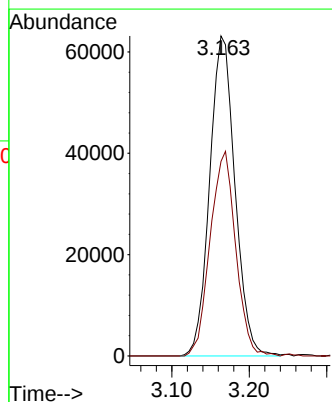
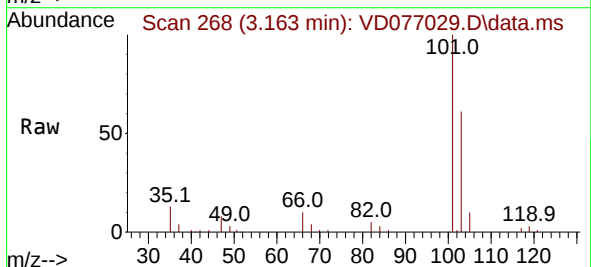
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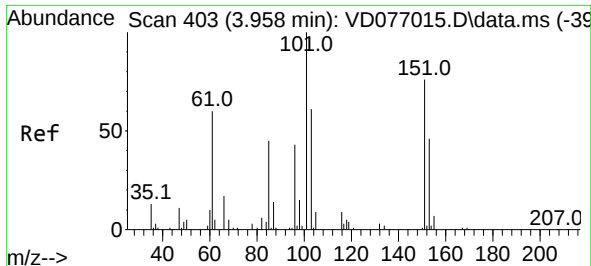
Tgt Ion: 64 Resp: 116345
Ion Ratio Lower Upper
64 100
66 32.9 22.1 41.1



#9
Trichlorofluoromethane
Concen: 23.979 ug/L
RT: 3.163 min Scan# 268
Delta R.T. -0.006 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

Tgt Ion:101 Resp: 143435
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.6

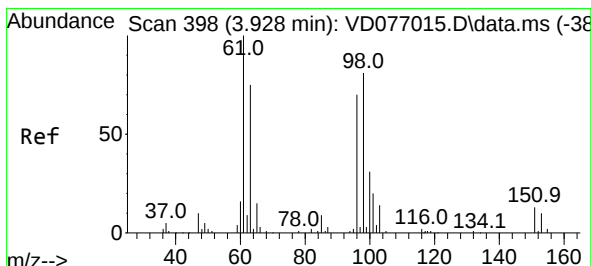
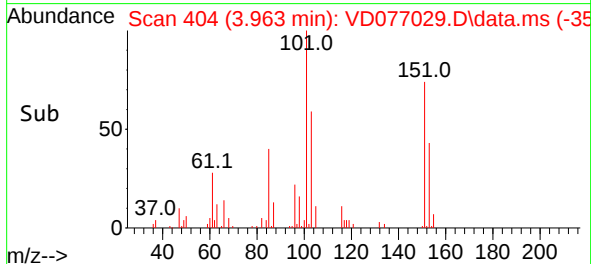
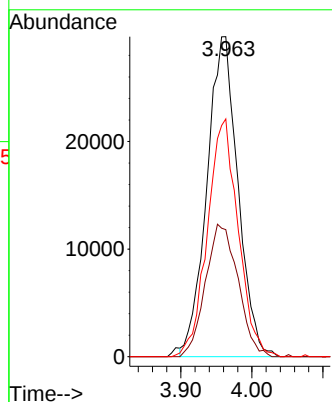
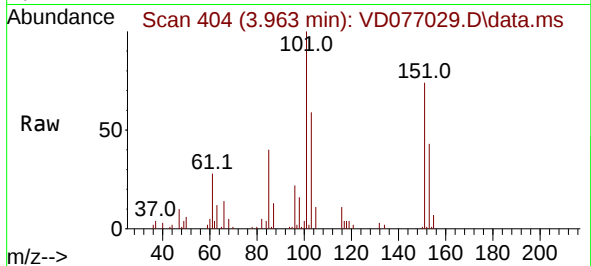




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.175 ug/L
RT: 3.963 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

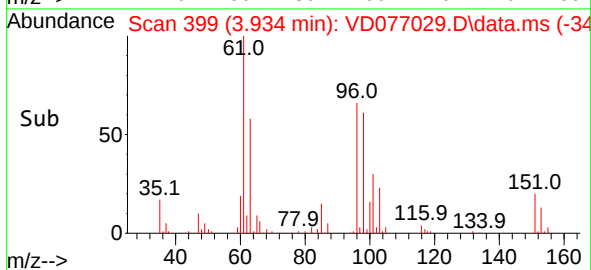
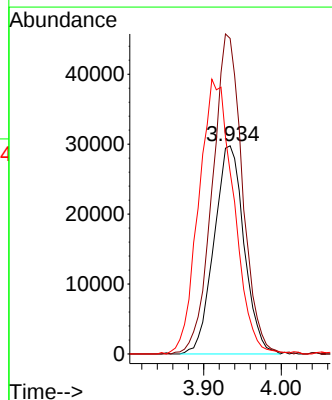
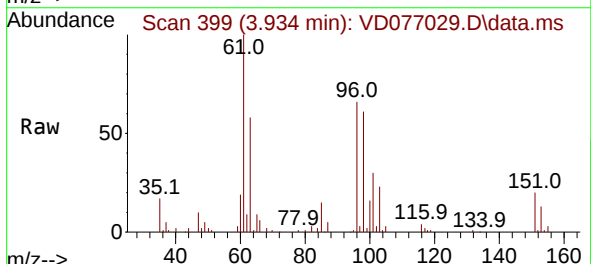
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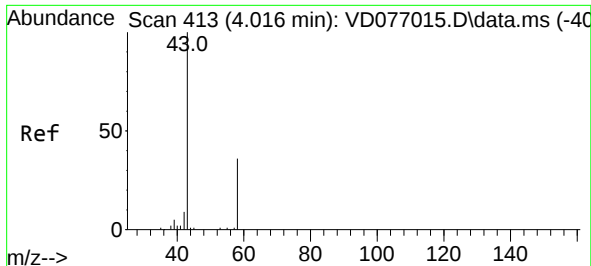
Tgt Ion:101 Resp: 90328
Ion Ratio Lower Upper
101 100
85 43.3 35.5 53.3
151 73.5 58.6 87.8



#12
1,1-Dichloroethene
Concen: 23.160 ug/L
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

Tgt Ion: 96 Resp: 80045
Ion Ratio Lower Upper
96 100
61 151.6 113.0 209.8
63 87.5 83.6 155.2





#13

Acetone

Concen: 32.345 ug/L

RT: 4.022 min Scan# 413

Delta R.T. 0.006 min

Lab File: VD077029.D

Acq: 25 Aug 2023 21:33

Instrument :

MSVOA_D

ClientSampleId :

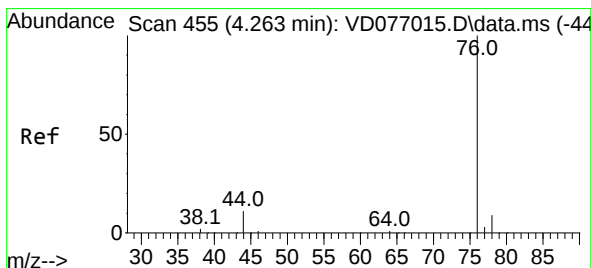
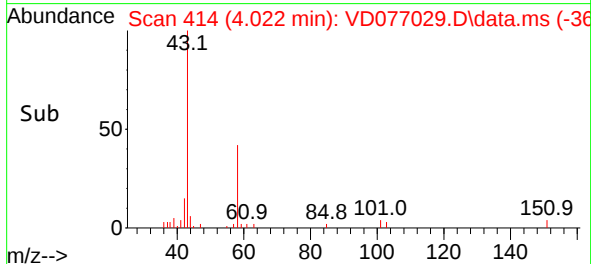
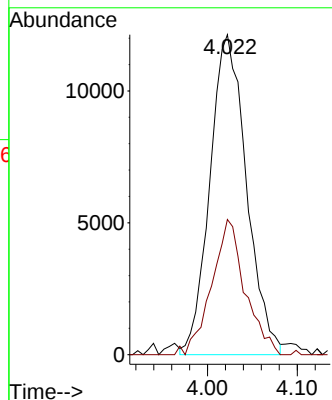
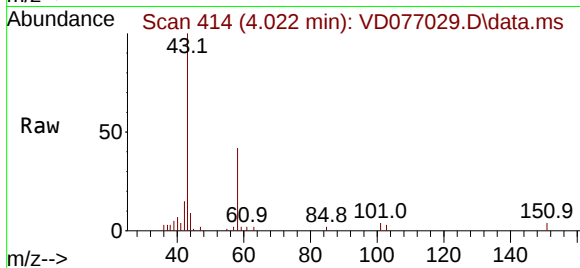
DCHW4MS

Tgt Ion: 43 Resp: 34309

Ion Ratio Lower Upper

43 100

58 38.3 0.0 67.4



#14

Carbon disulfide

Concen: 23.250 ug/L

RT: 4.263 min Scan# 455

Delta R.T. -0.000 min

Lab File: VD077029.D

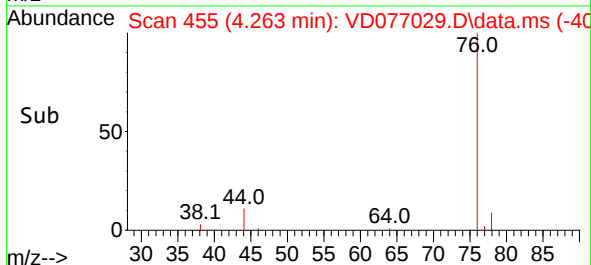
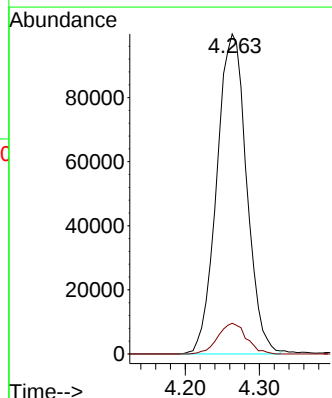
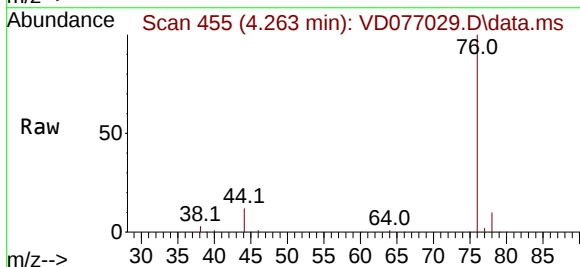
Acq: 25 Aug 2023 21:33

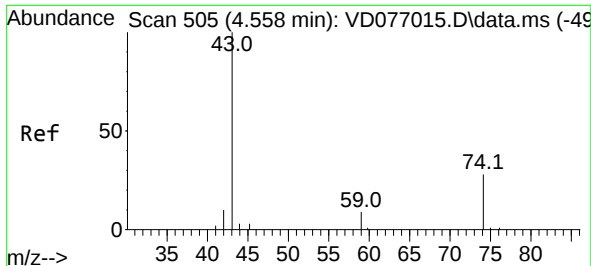
Tgt Ion: 76 Resp: 278892

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.4

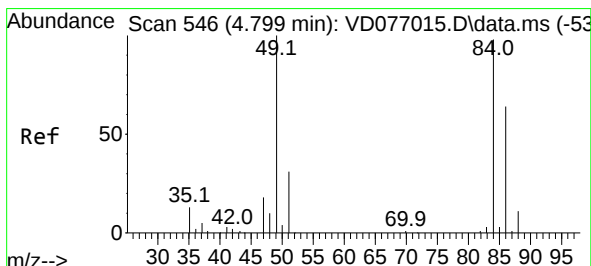
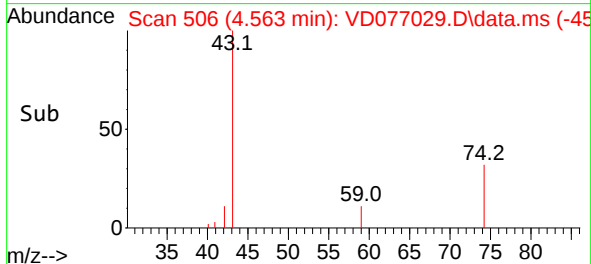
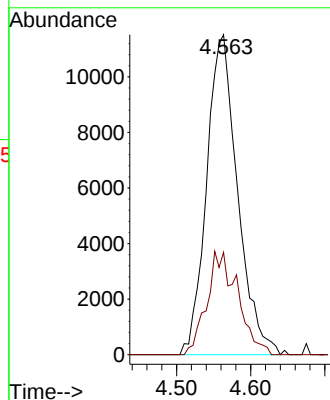
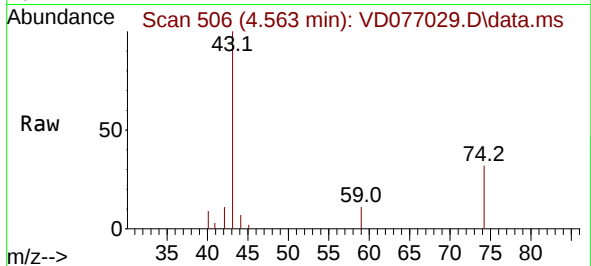




#15
Methyl Acetate
Concen: 18.640 ug/L
RT: 4.563 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

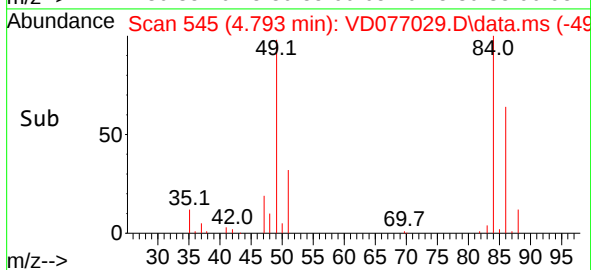
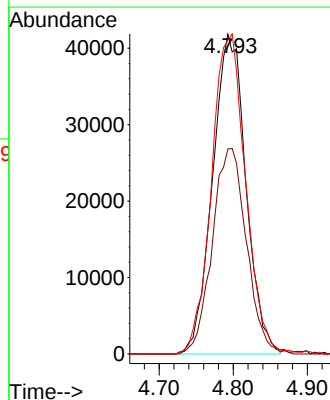
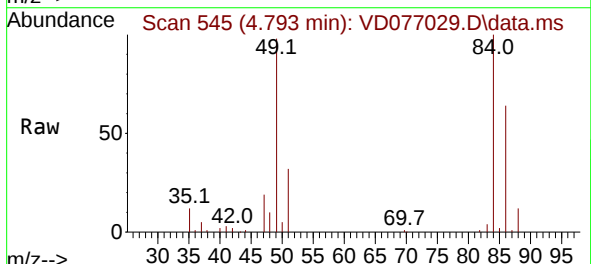
Instrument :
MSVOA_D
ClientSampleId :
DCHW4MS

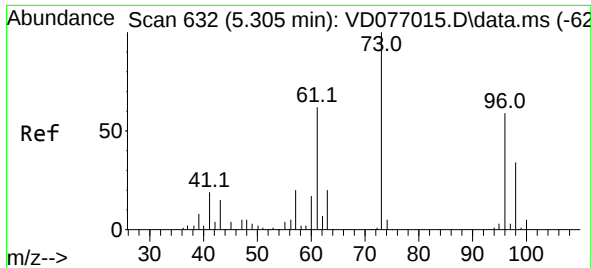
Tgt Ion: 43 Resp: 33419
Ion Ratio Lower Upper
43 100
74 21.0 18.2 27.2



#16
Methylene chloride
Concen: 26.484 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

Tgt Ion: 84 Resp: 130515
Ion Ratio Lower Upper
84 100
86 64.1 45.1 83.9
49 98.1 97.2 180.6

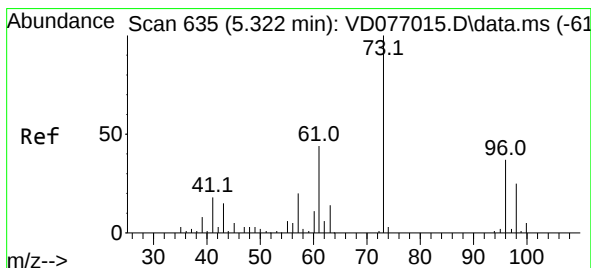
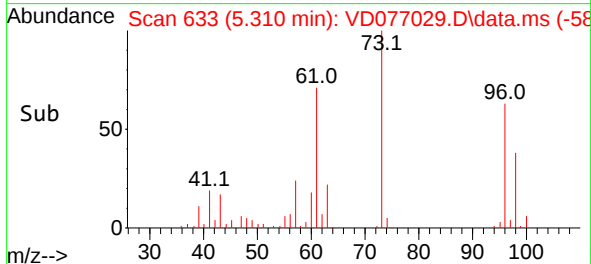
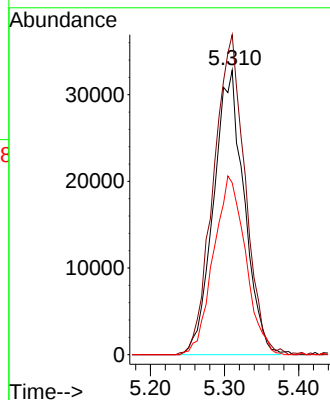
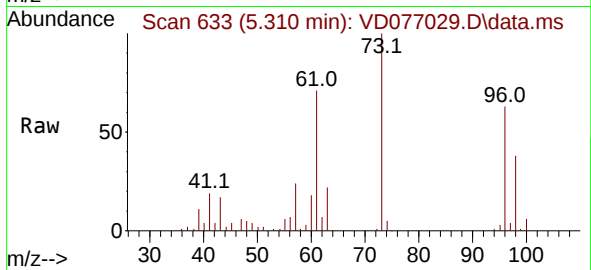




#17
trans-1,2-Dichloroethene
Concen: 24.033 ug/L
RT: 5.310 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

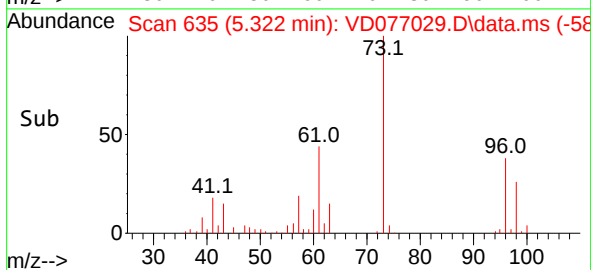
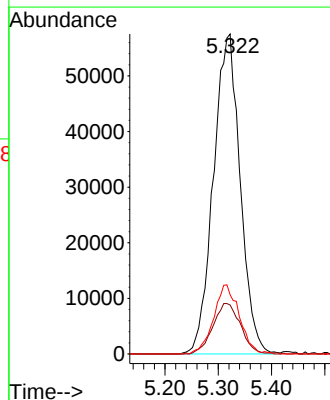
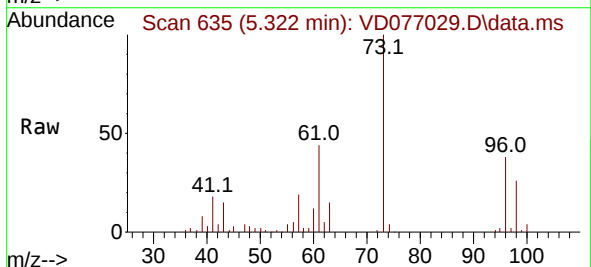
Instrument :
MSVOA_D
ClientSampleId :
DCHW4MS

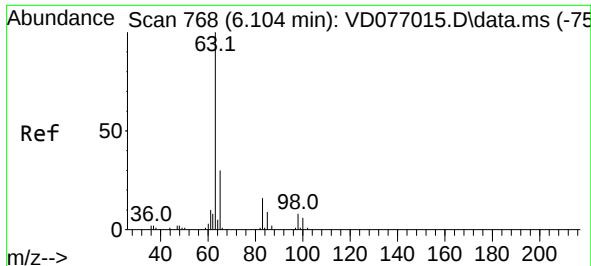
Tgt Ion: 96 Resp: 94047
Ion Ratio Lower Upper
96 100
61 112.5 94.5 175.5
98 60.4 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 23.244 ug/L
RT: 5.322 min Scan# 635
Delta R.T. -0.000 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

Tgt Ion: 73 Resp: 200954
Ion Ratio Lower Upper
73 100
43 16.2 7.2 10.8#
57 20.5 18.6 28.0





#19

1,1-Dichloroethane

Concen: 24.743 ug/L

RT: 6.104 min Scan# 768

Delta R.T. -0.000 min

Lab File: VD077029.D

Acq: 25 Aug 2023 21:33

Instrument :

MSVOA_D

ClientSampleId :

DCHW4MS

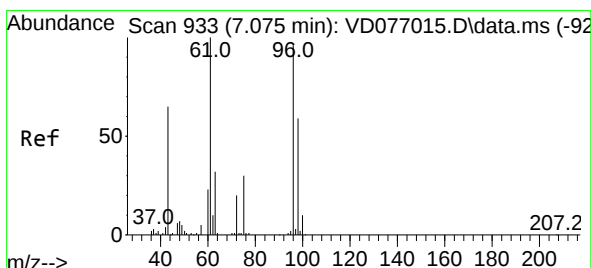
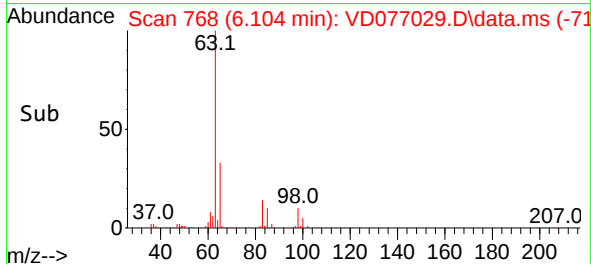
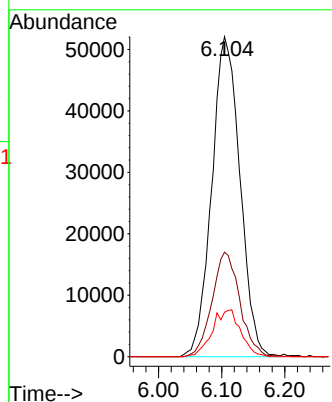
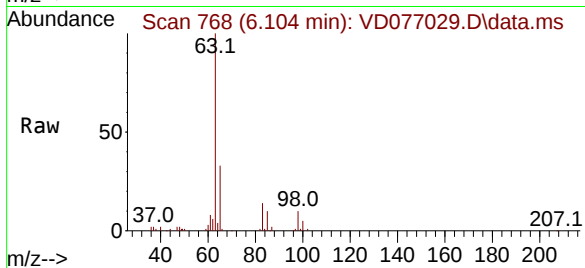
Tgt Ion: 63 Resp: 161670

Ion Ratio Lower Upper

63 100

65 32.7 20.8 38.6

83 13.9 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 24.985 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD077029.D

Acq: 25 Aug 2023 21:33

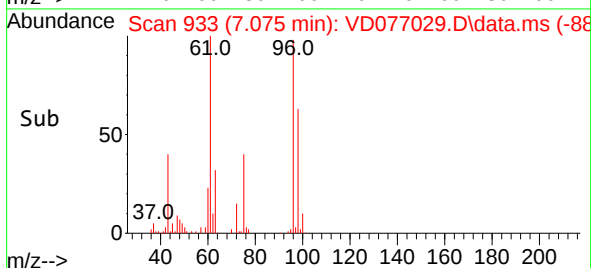
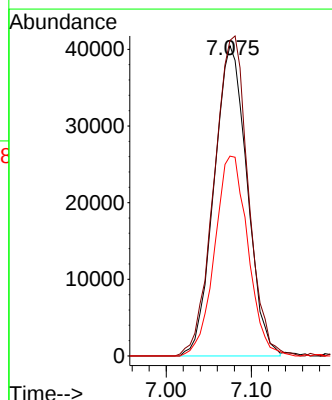
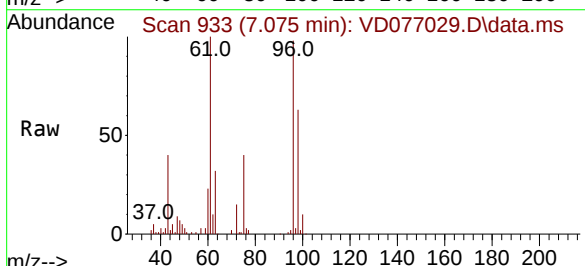
Tgt Ion: 96 Resp: 109145

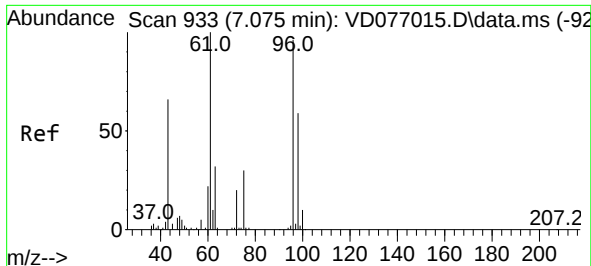
Ion Ratio Lower Upper

96 100

61 101.7 86.0 159.6

98 64.4 42.2 78.4

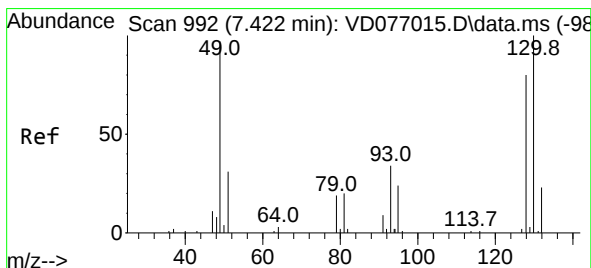
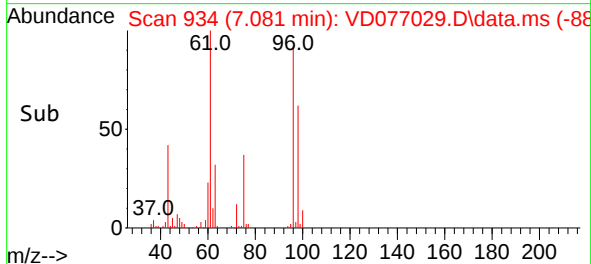
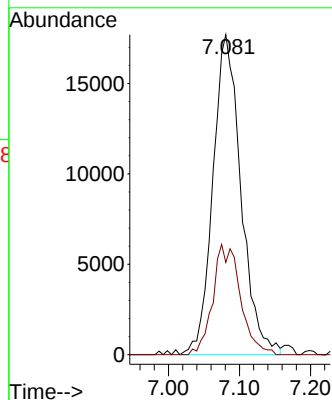
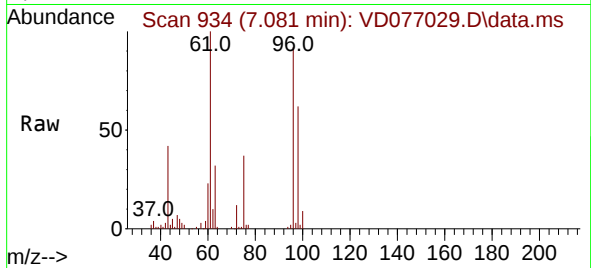




#22
2-Butanone
Concen: 32.726 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

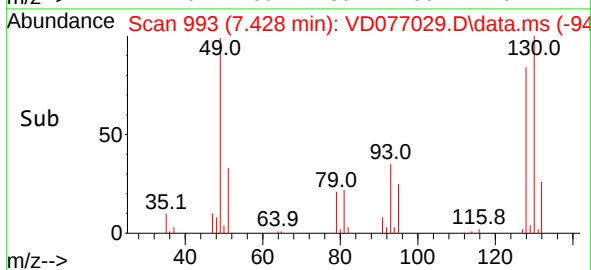
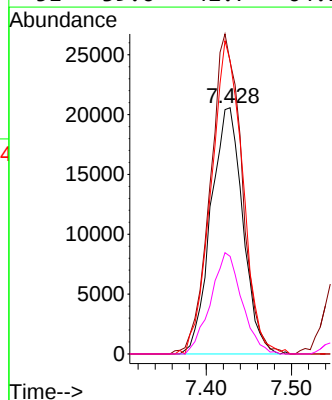
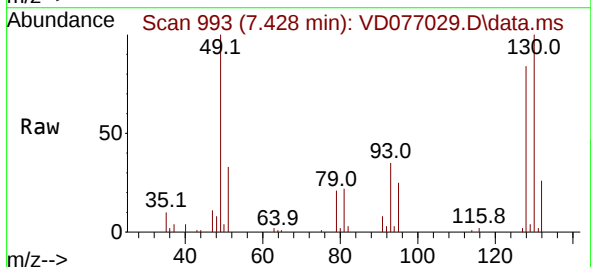
Instrument :
MSVOA_D
ClientSampleId :
DCHW4MS

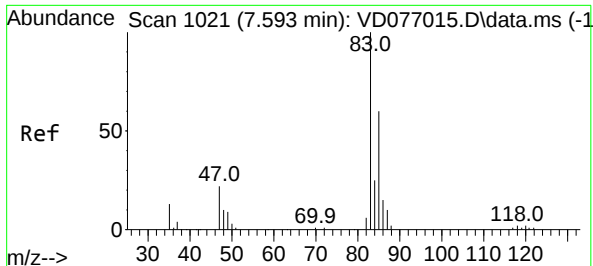
Tgt Ion: 43 Resp: 48568
Ion Ratio Lower Upper
43 100
72 17.5 12.9 38.7



#23
Bromochloromethane
Concen: 25.204 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

Tgt Ion: 128 Resp: 53404
Ion Ratio Lower Upper
128 100
49 118.5 124.7 231.7#
130 119.0 80.0 148.6
51 39.6 42.7 64.1#





#25

Chloroform

Concen: 25.814 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD077029.D

Acq: 25 Aug 2023 21:33

Instrument :

MSVOA_D

ClientSampleId :

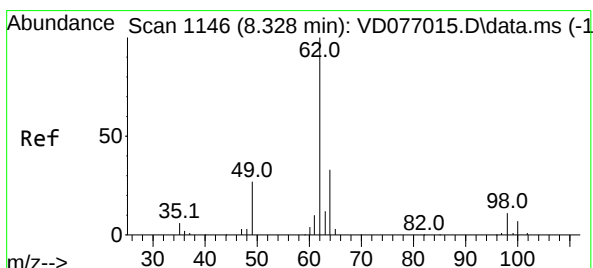
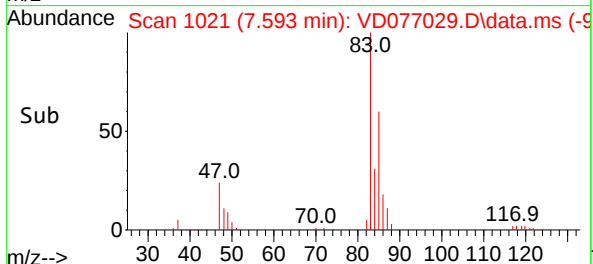
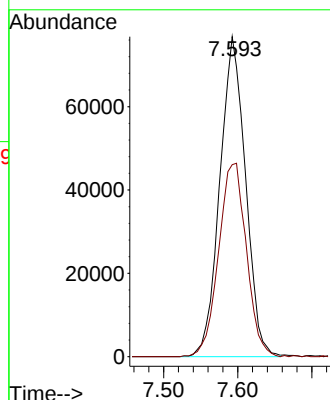
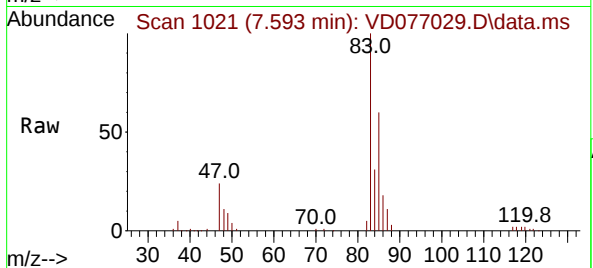
DCHW4MS

Tgt Ion: 83 Resp: 184730

Ion Ratio Lower Upper

83 100

85 60.0 45.4 84.4



#27

1,2-Dichloroethane

Concen: 24.149 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD077029.D

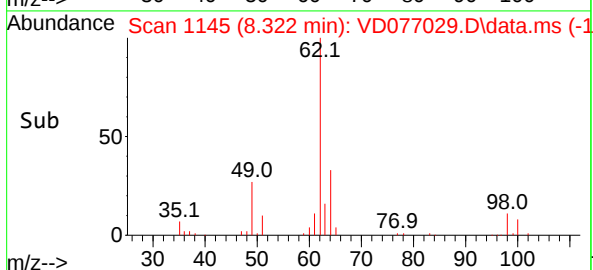
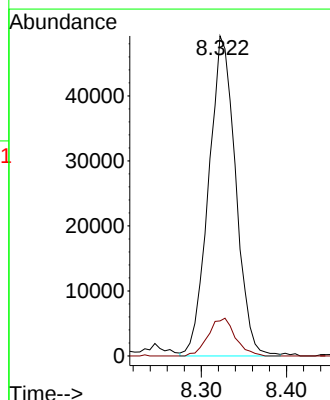
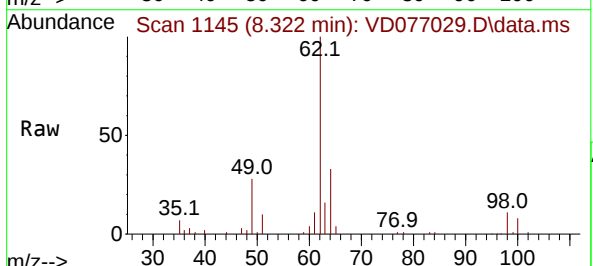
Acq: 25 Aug 2023 21:33

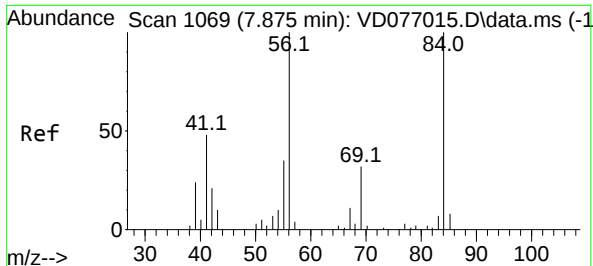
Tgt Ion: 62 Resp: 108310

Ion Ratio Lower Upper

62 100

98 11.0 8.7 13.1





#29

Cyclohexane

Concen: 21.563 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD077029.D

Acq: 25 Aug 2023 21:33

Instrument :

MSVOA_D

ClientSampleId :

DCHW4MS

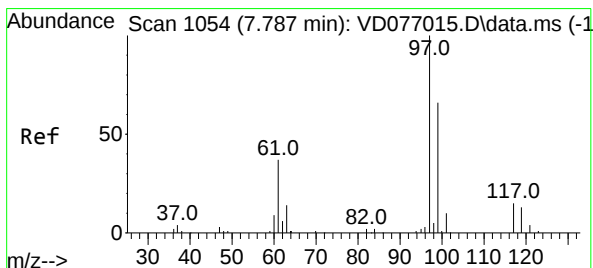
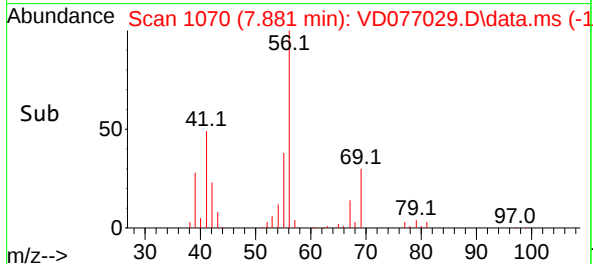
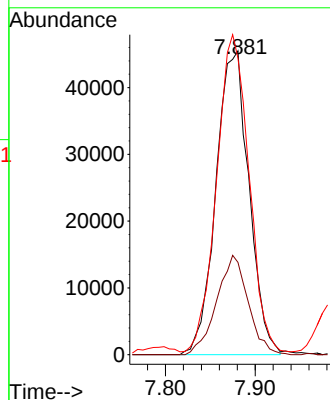
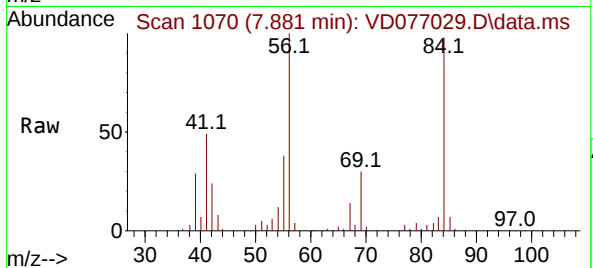
Tgt Ion: 56 Resp: 116444

Ion Ratio Lower Upper

56 100

69 31.1 23.4 35.0

84 103.5 66.3 99.5#



#30

1,1,1-Trichloroethane

Concen: 24.552 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VD077029.D

Acq: 25 Aug 2023 21:33

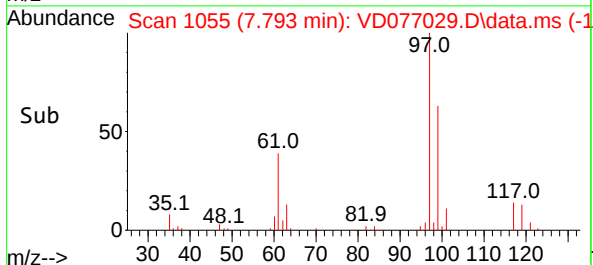
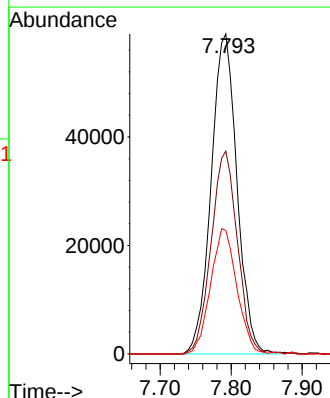
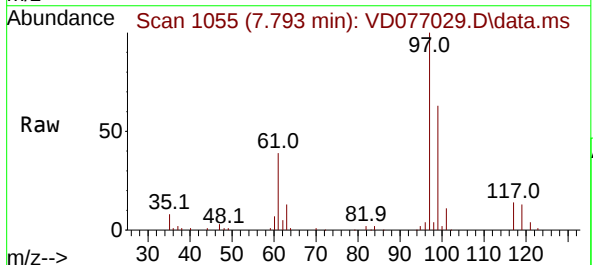
Tgt Ion: 97 Resp: 149239

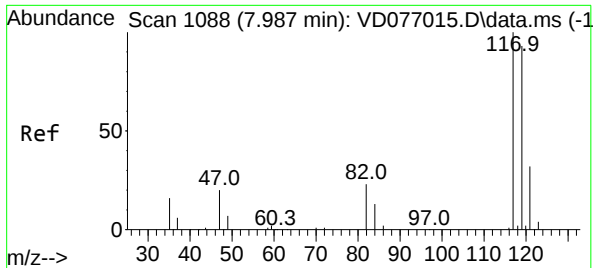
Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.6

61 39.7 36.4 54.6

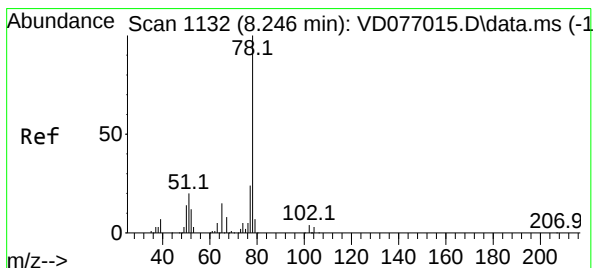
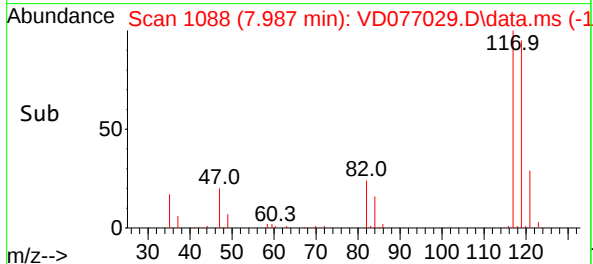
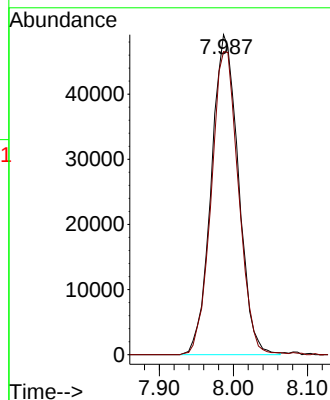
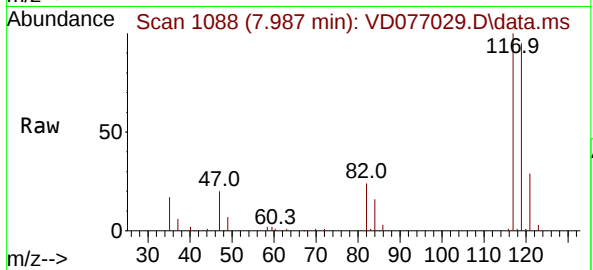




#31
Carbon tetrachloride
Concen: 25.152 ug/L
RT: 7.987 min Scan# 110
Delta R.T. -0.000 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

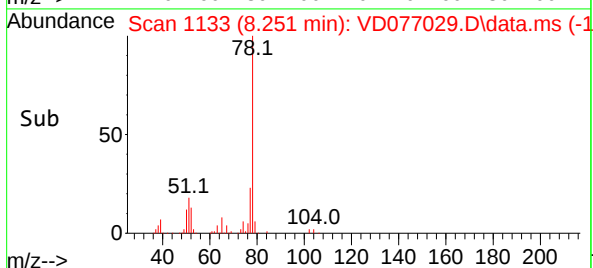
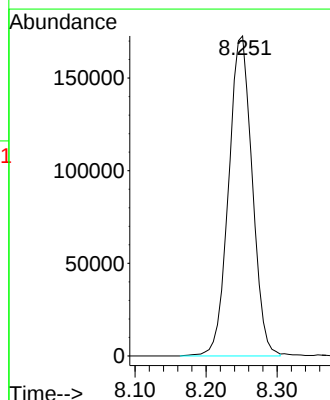
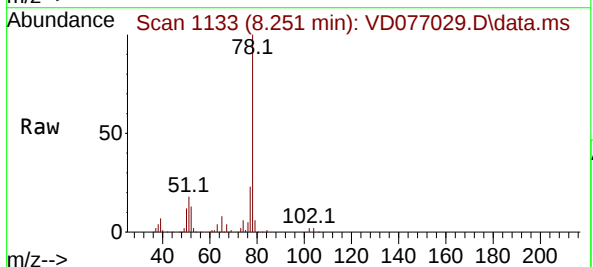
Instrument :
MSVOA_D
ClientSampleId :
DCHW4MS

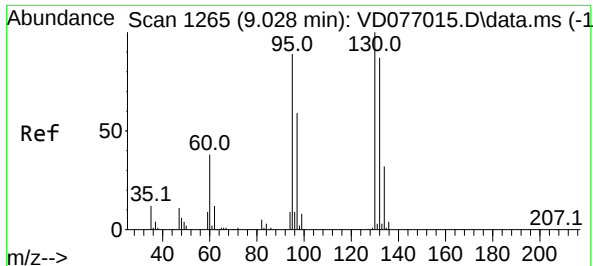
Tgt Ion:117 Resp: 125125
Ion Ratio Lower Upper
117 100
119 94.6 77.8 116.6



#33
Benzene
Concen: 24.805 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

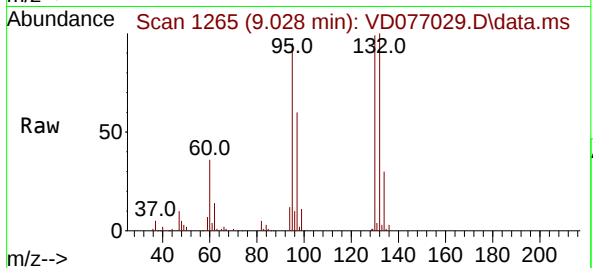
Tgt Ion: 78 Resp: 398870





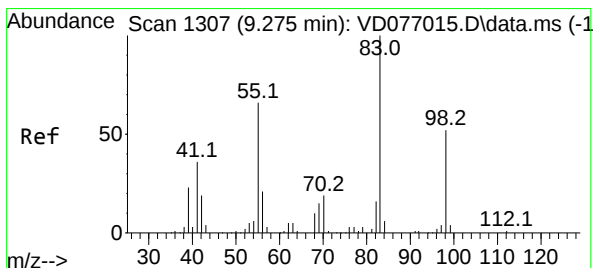
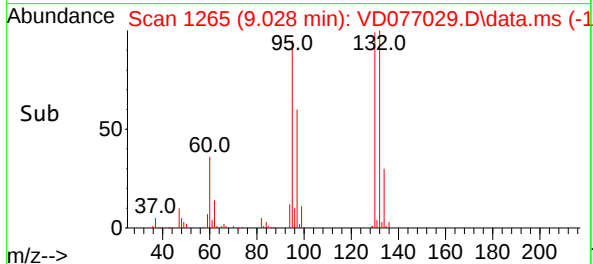
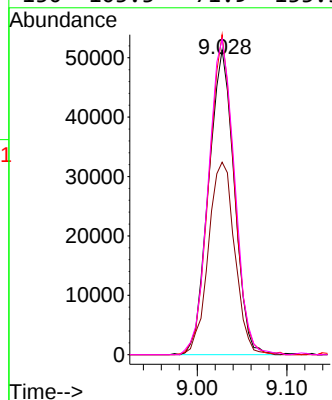
#34
Trichloroethene
Concen: 24.299 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

Instrument :
MSVOA_D
ClientSampleId :
DCHW4MS



Tgt Ion: 95 Resp: 101754

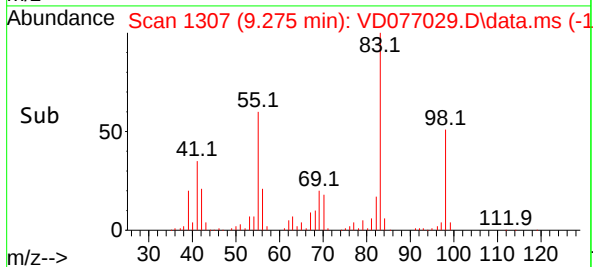
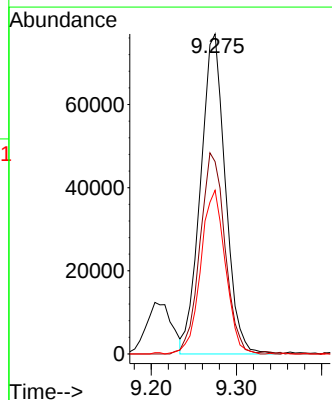
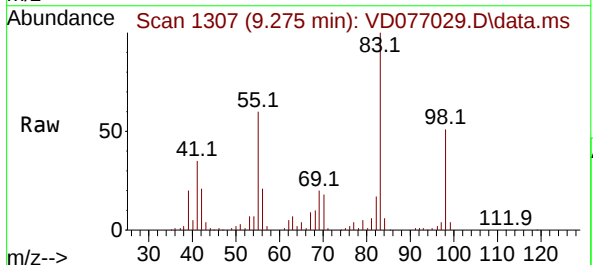
Ion	Ratio	Lower	Upper
95	100		
97	63.1	43.1	80.1
132	104.9	71.8	133.4
130	103.3	71.9	133.5

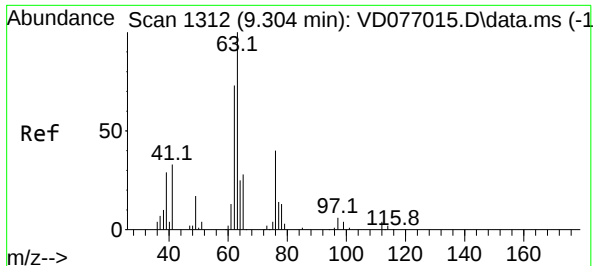


#35
Methylcyclohexane
Concen: 22.769 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

Tgt Ion: 83 Resp: 155486

Ion	Ratio	Lower	Upper
83	100		
55	63.4	59.8	89.6
98	50.9	37.8	56.6

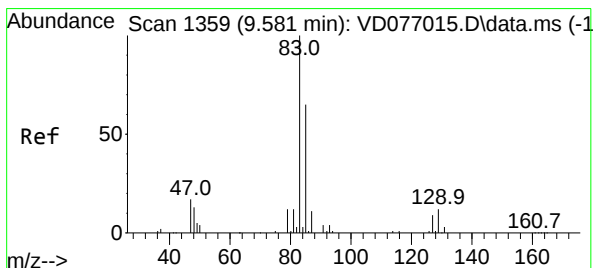
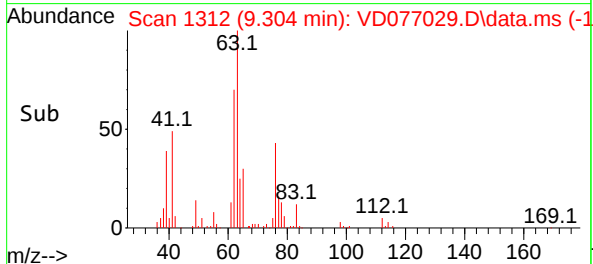
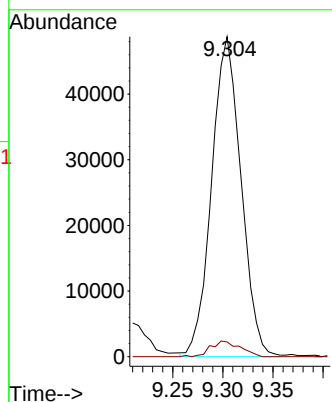
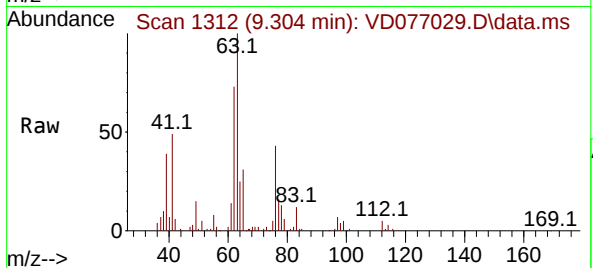




#37
1,2-Dichloropropane
Concen: 24.332 ug/L
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

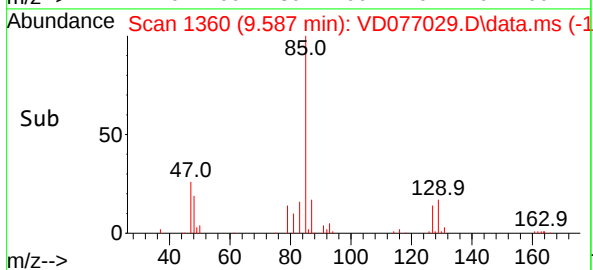
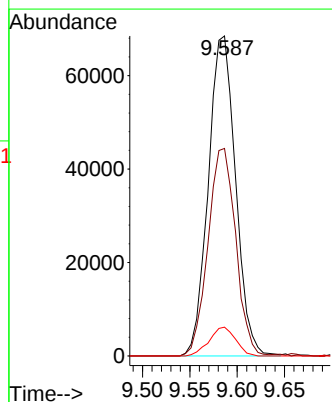
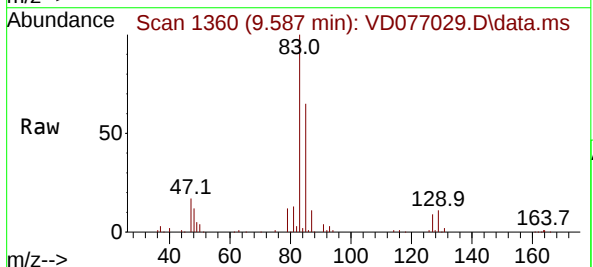
Instrument :
MSVOA_D
ClientSampleId :
DCHW4MS

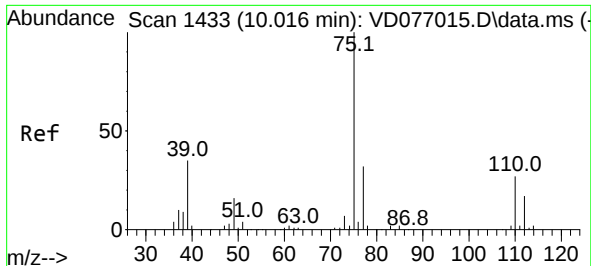
Tgt Ion: 63 Resp: 99392
Ion Ratio Lower Upper
63 100
112 4.9 3.1 4.7#



#38
Bromodichloromethane
Concen: 24.454 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

Tgt Ion: 83 Resp: 137558
Ion Ratio Lower Upper
83 100
85 64.9 43.9 81.5
127 9.0 6.6 9.8

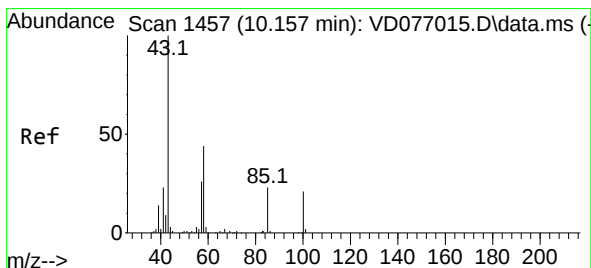
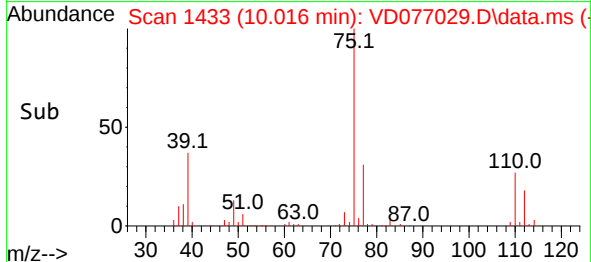
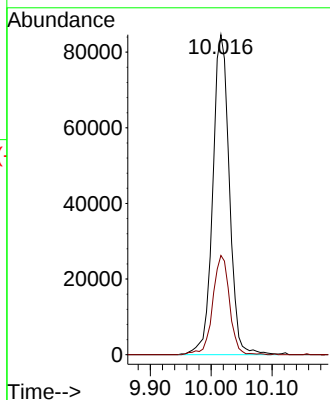
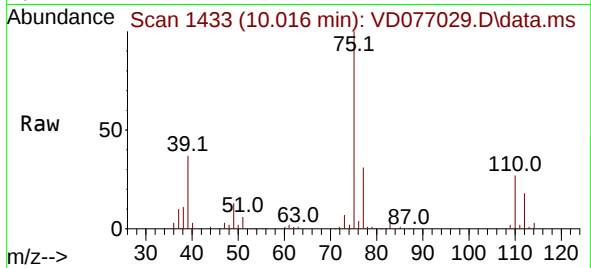




#39
 cis-1,3-Dichloropropene
 Concen: 24.270 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD077029.D
 Acq: 25 Aug 2023 21:33

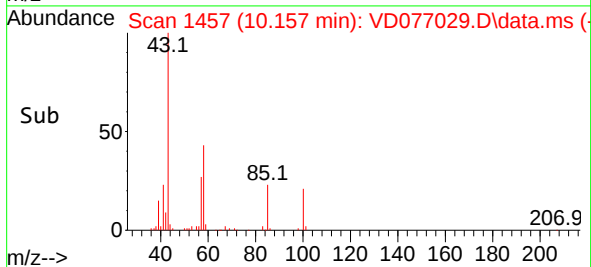
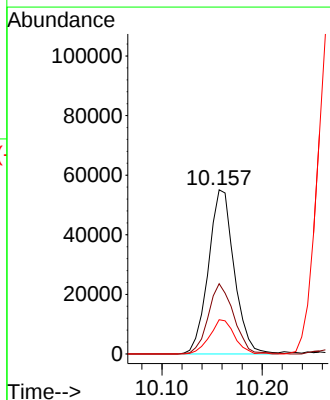
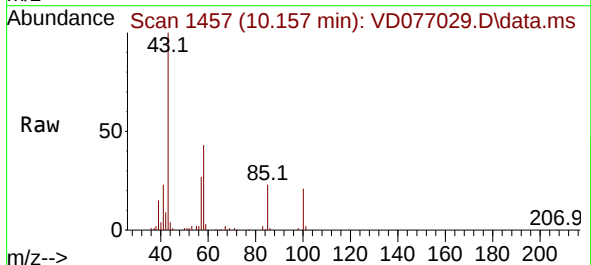
Instrument :
 MSVOA_D
 ClientSampleId :
 DCHW4MS

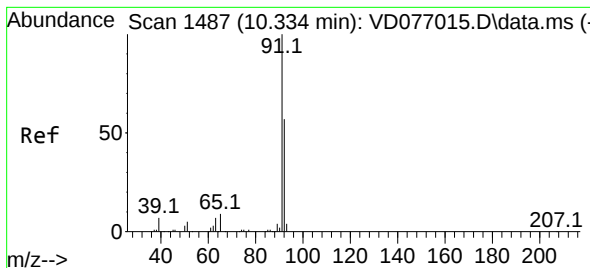
Tgt Ion: 75 Resp: 159996
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 38.224 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD077029.D
 Acq: 25 Aug 2023 21:33

Tgt Ion: 43 Resp: 98375
 Ion Ratio Lower Upper
 43 100
 58 42.3 30.7 46.1
 100 20.0 11.0 16.4#





#42

Toluene

Concen: 25.172 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD077029.D

Acq: 25 Aug 2023 21:33

Instrument :

MSVOA_D

ClientSampleId :

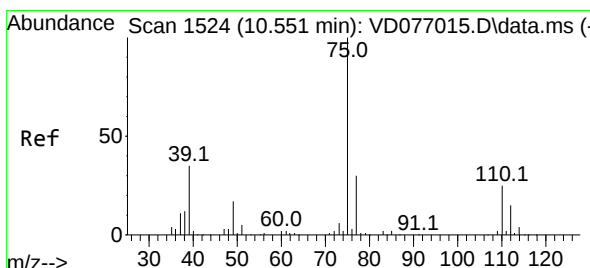
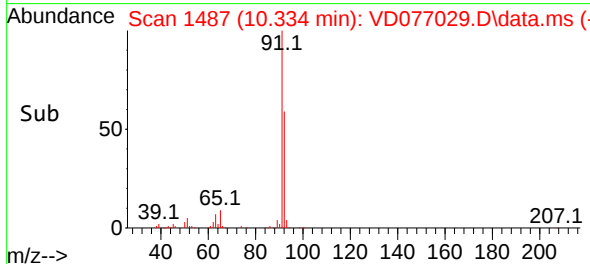
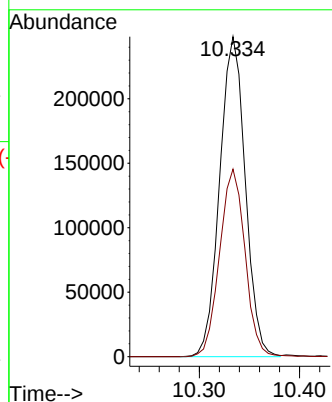
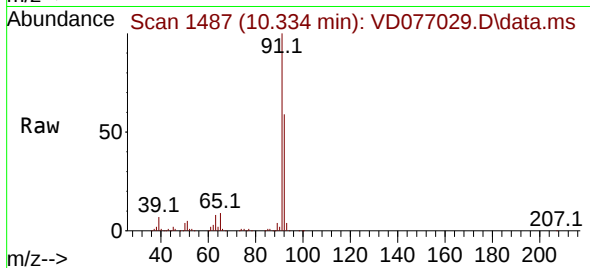
DCHW4MS

Tgt Ion: 91 Resp: 440145

Ion Ratio Lower Upper

91 100

92 58.6 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 23.163 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD077029.D

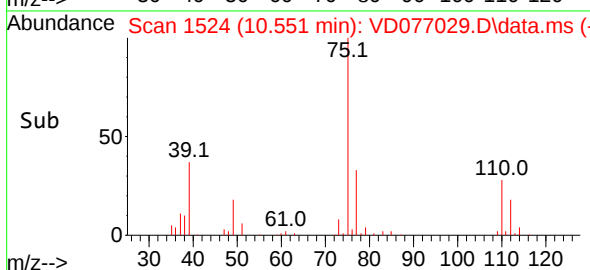
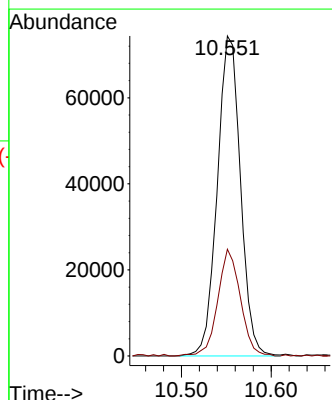
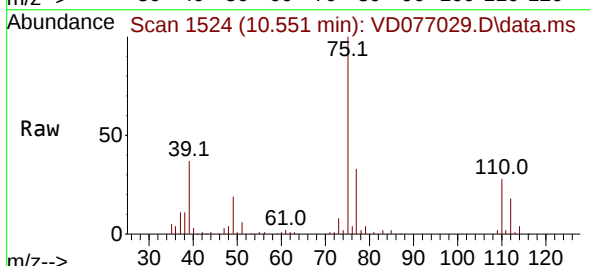
Acq: 25 Aug 2023 21:33

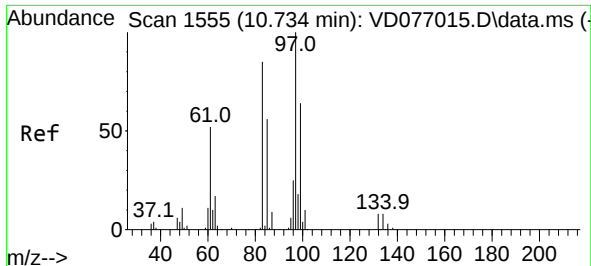
Tgt Ion: 75 Resp: 133457

Ion Ratio Lower Upper

75 100

77 33.4 22.5 41.7

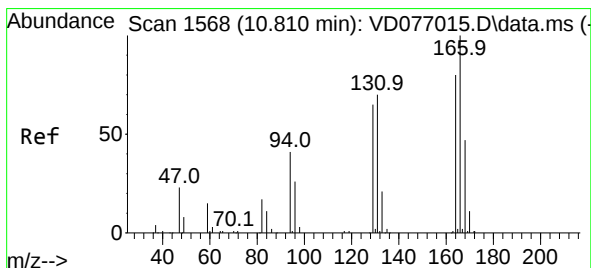
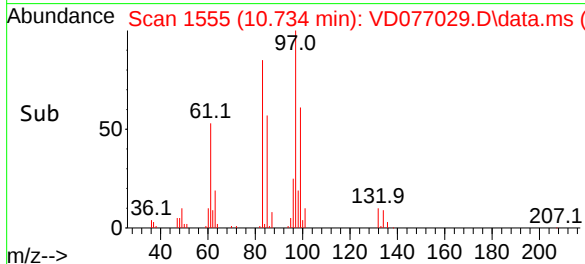
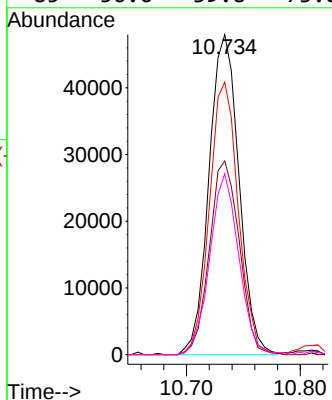
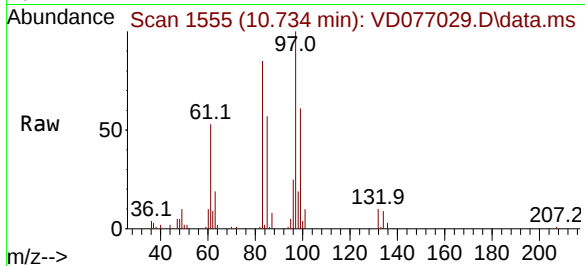




#45
1,1,2-Trichloroethane
Concen: 24.204 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

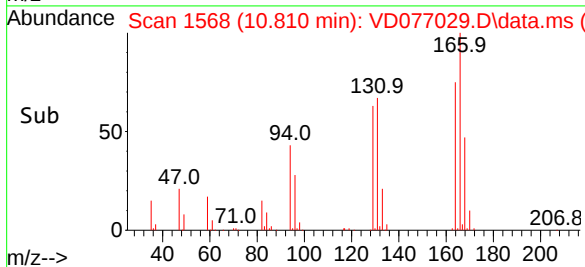
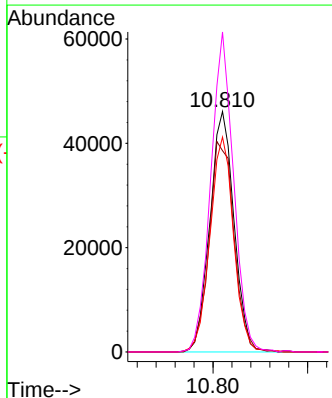
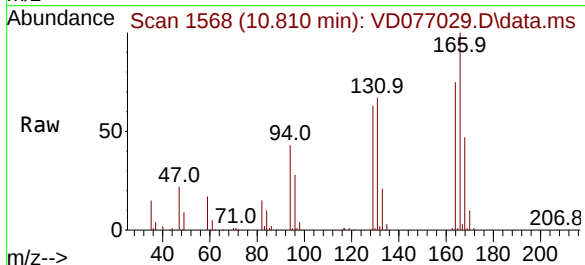
Instrument :
MSVOA_D
ClientSampleId :
DCHW4MS

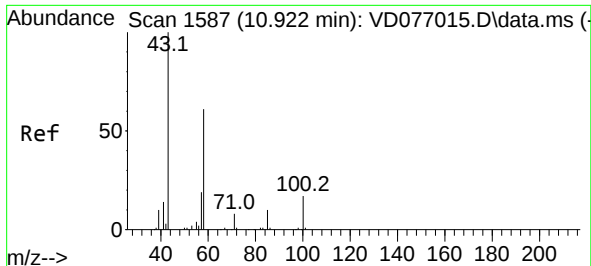
Tgt Ion: 97	Resp: 87867
Ion Ratio	Lower Upper
97 100	
99 60.5	41.9 77.9
83 85.2	59.2 110.0
85 56.6	39.8 73.8



#46
Tetrachloroethene
Concen: 25.834 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

Tgt	Ion:164	Resp:	81534
Ion	Ratio	Lower	Upper
164	100		
129	83.7	65.5	121.6
131	89.4	64.8	120.3
166	133.1	97.2	180.4

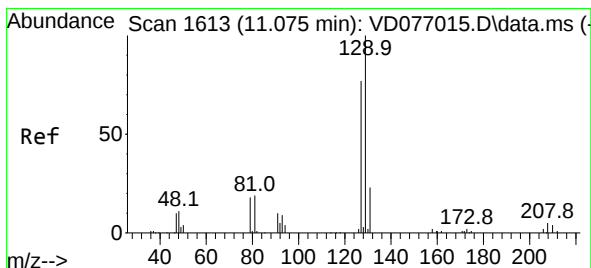
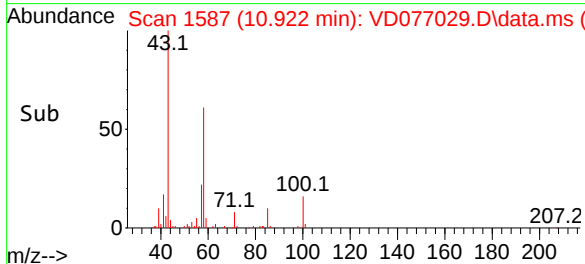
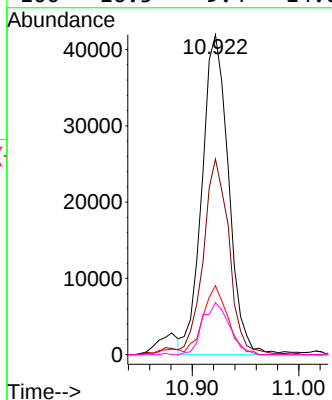
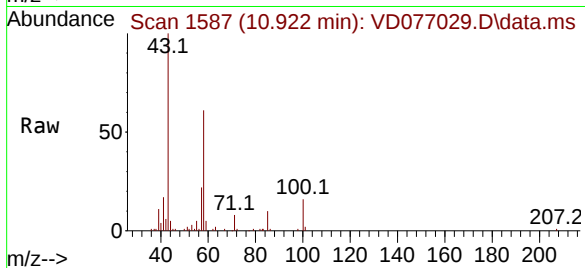




#48
2-Hexanone
Concen: 36.735 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

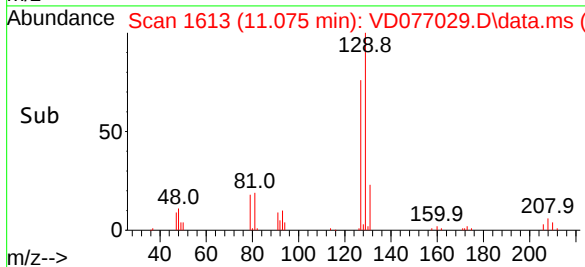
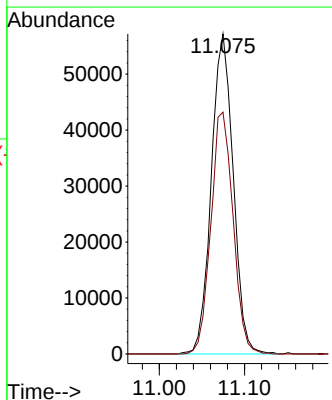
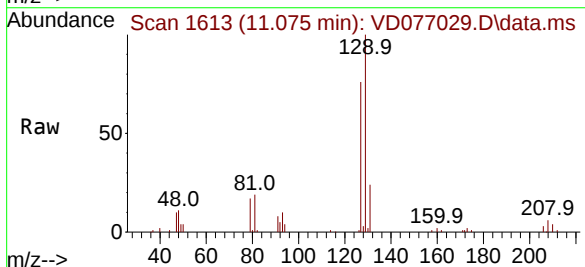
Instrument :
MSVOA_D
ClientSampleId :
DCHW4MS

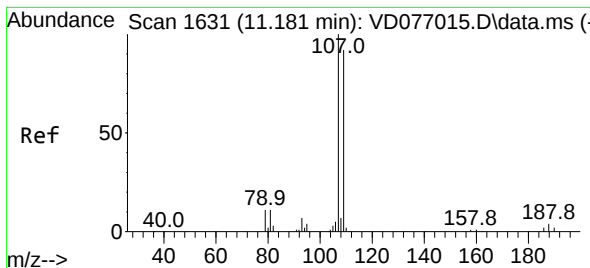
Tgt Ion: 43 Resp: 72707
Ion Ratio Lower Upper
43 100
58 59.3 42.9 64.3
57 20.1 13.7 20.5
100 16.5 9.4 14.0#



#49
Dibromochloromethane
Concen: 25.290 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

Tgt Ion: 129 Resp: 102139
Ion Ratio Lower Upper
129 100
127 75.5 55.2 102.6





#50

1,2-Dibromoethane

Concen: 22.919 ug/L

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD077029.D

Acq: 25 Aug 2023 21:33

Instrument :

MSVOA_D

ClientSampleId :

DCHW4MS

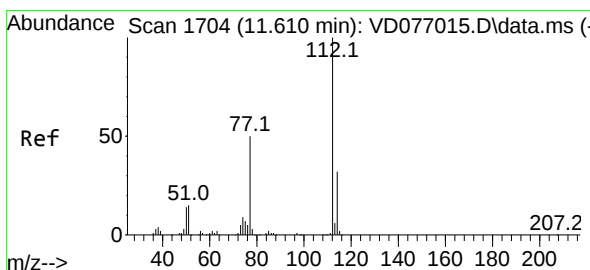
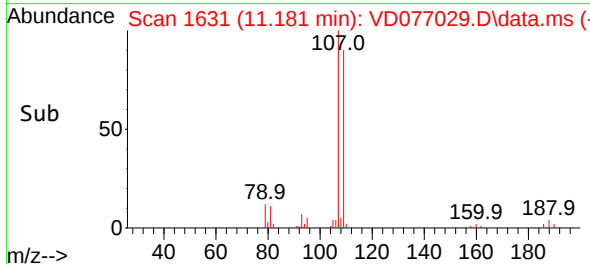
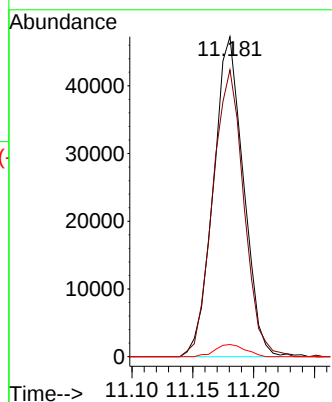
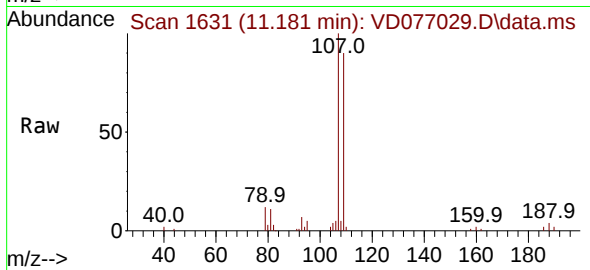
Tgt Ion:107 Resp: 81149

Ion Ratio Lower Upper

107 100

109 89.7 58.8 109.2

188 3.8 2.9 4.3



#51

Chlorobenzene

Concen: 25.047 ug/L

RT: 11.610 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VD077029.D

Acq: 25 Aug 2023 21:33

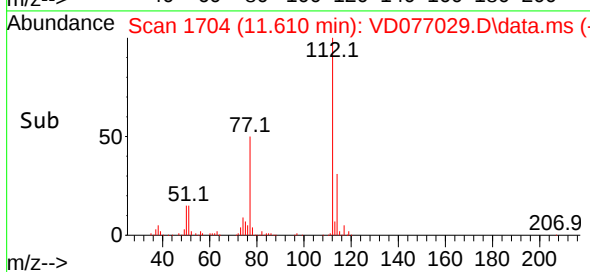
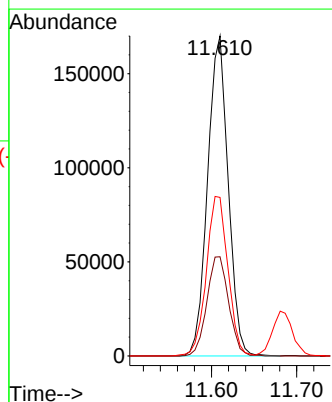
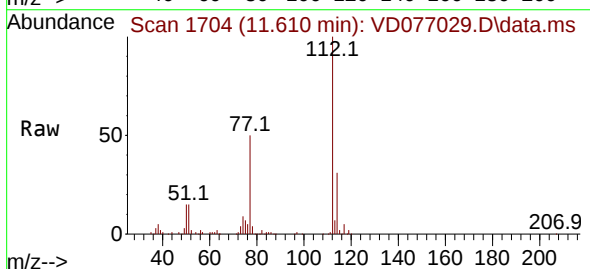
Tgt Ion:112 Resp: 285340

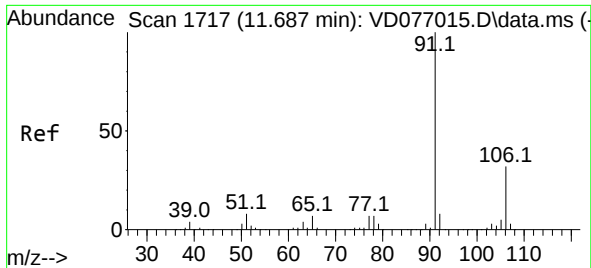
Ion Ratio Lower Upper

112 100

114 31.0 21.5 39.9

77 49.5 43.4 65.2

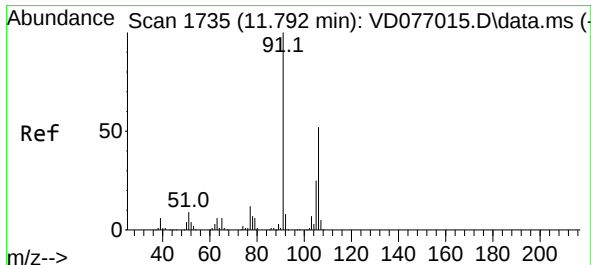
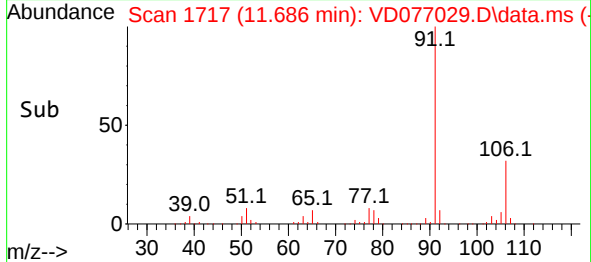
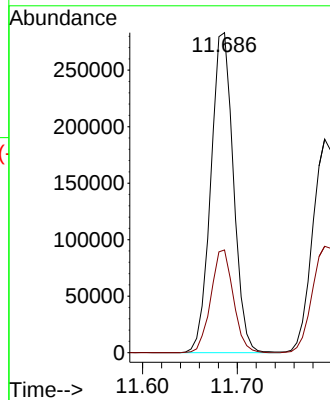
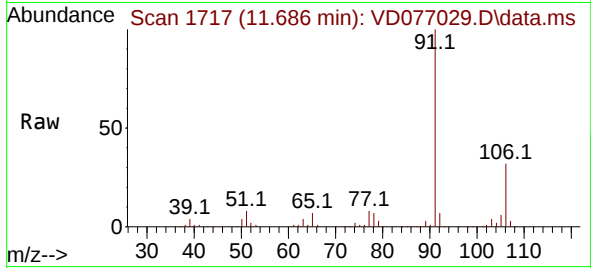




#52
Ethylbenzene
Concen: 25.162 ug/L
RT: 11.686 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

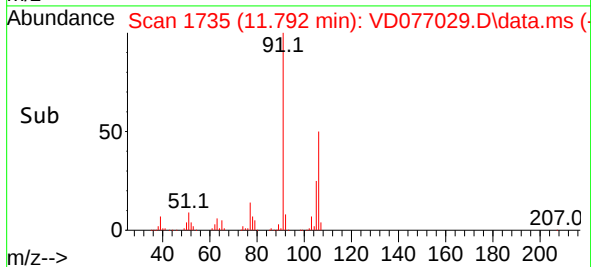
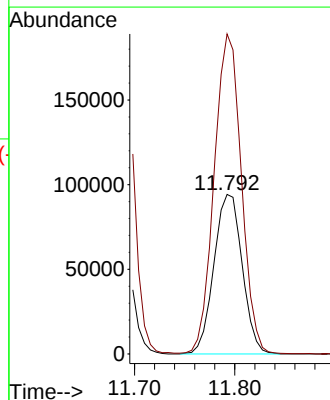
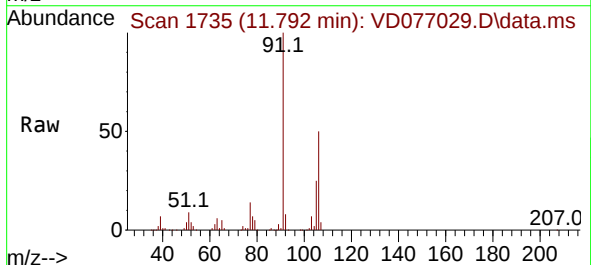
Instrument :
MSVOA_D
ClientSampleId :
DCHW4MS

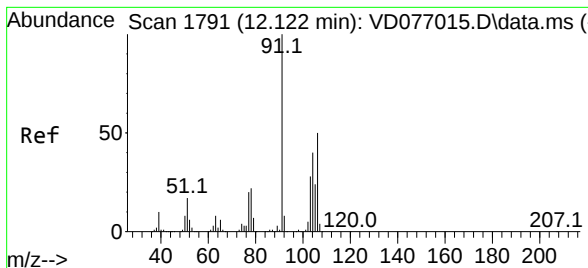
Tgt Ion: 91 Resp: 468817
Ion Ratio Lower Upper
91 100
106 32.1 22.4 41.6



#53
m,p-Xylene
Concen: 25.657 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

Tgt Ion: 106 Resp: 184451
Ion Ratio Lower Upper
106 100
91 200.6 141.5 262.9

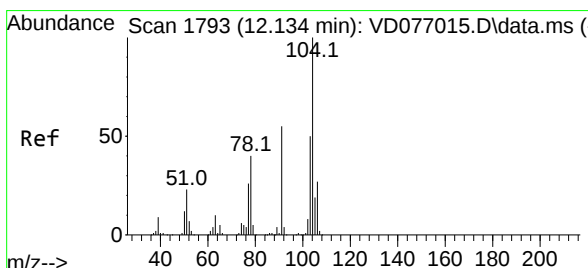
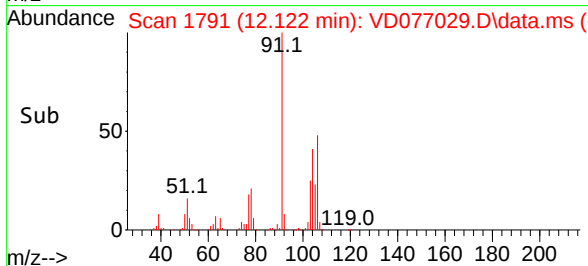
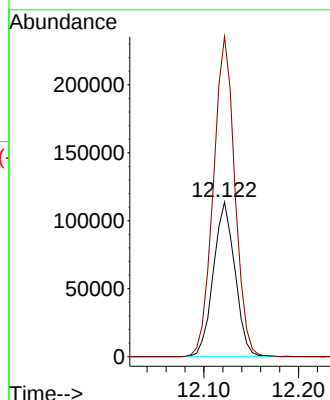
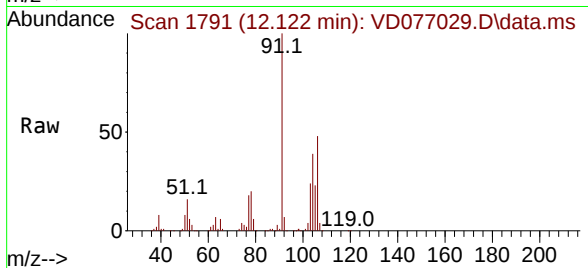




#54
o-Xylene
Concen: 26.015 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

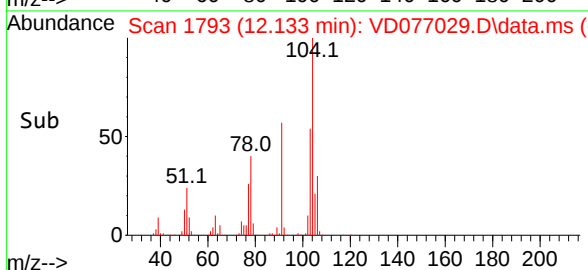
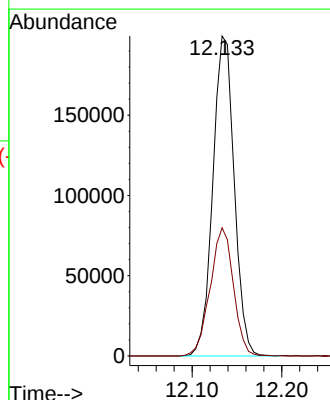
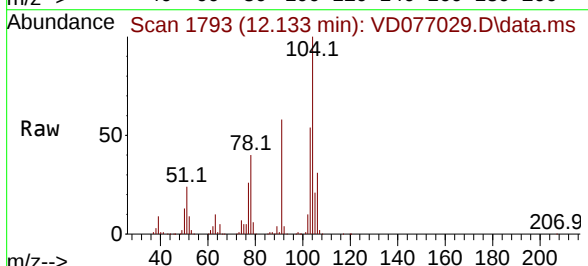
Instrument :
MSVOA_D
ClientSampleId :
DCHW4MS

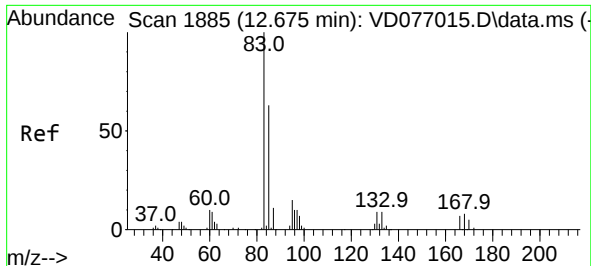
Tgt Ion:106 Resp: 179882
Ion Ratio Lower Upper
106 100
91 206.8 142.2 264.2



#55
Styrene
Concen: 26.408 ug/L
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

Tgt Ion:104 Resp: 330152
Ion Ratio Lower Upper
104 100
78 40.1 31.3 58.1

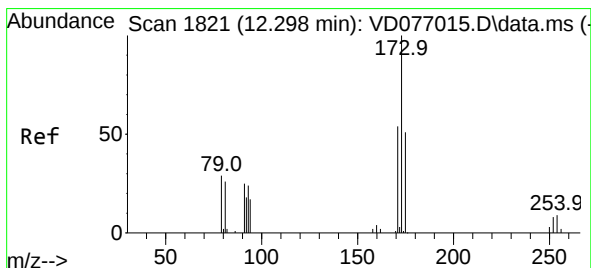
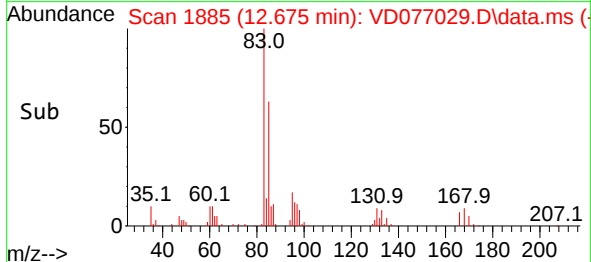
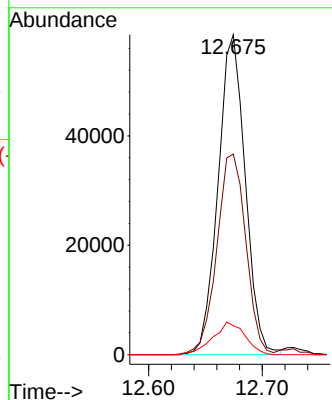
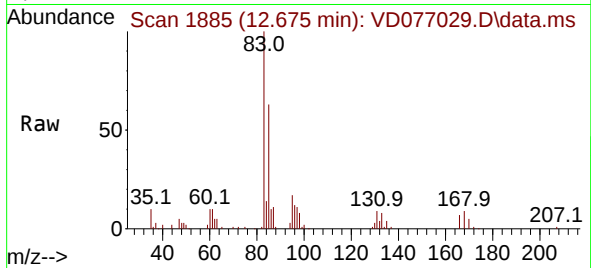




#57
1,1,2,2-Tetrachloroethane
Concen: 21.689 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

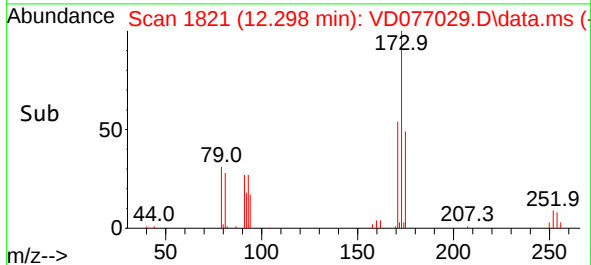
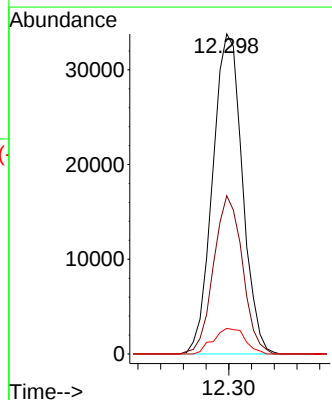
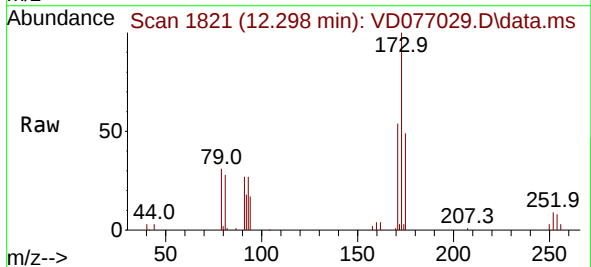
Instrument :
MSVOA_D
ClientSampleId :
DCHW4MS

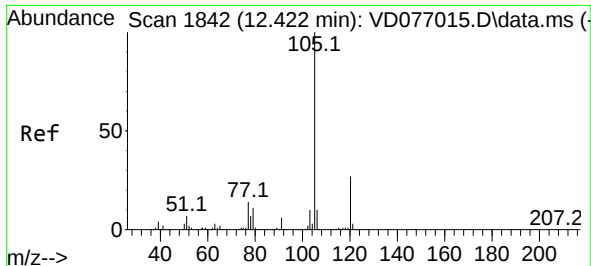
Tgt Ion: 83 Resp: 97383
Ion Ratio Lower Upper
83 100
85 62.7 46.3 86.1
131 9.1 7.0 10.4



#59
Bromoform
Concen: 23.079 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

Tgt Ion: 173 Resp: 61425
Ion Ratio Lower Upper
173 100
175 48.0 39.0 58.4
254 8.6 5.3 7.9#

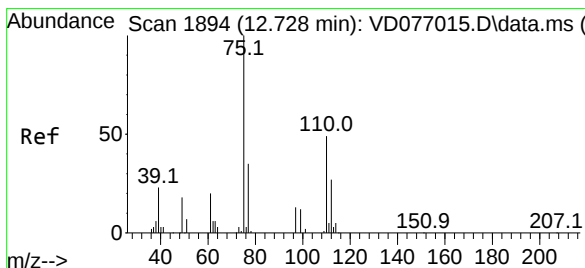
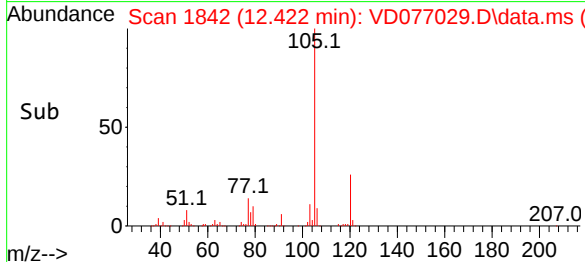
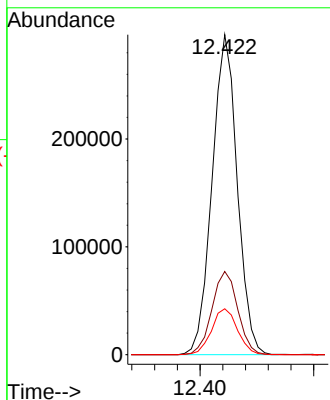
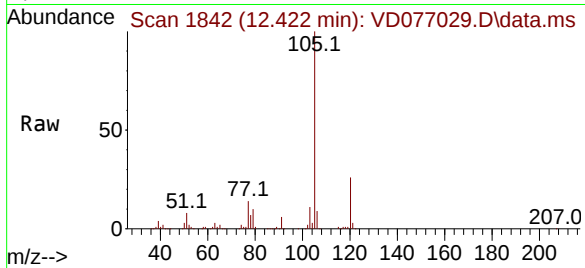




#60
Isopropylbenzene
Concen: 23.632 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

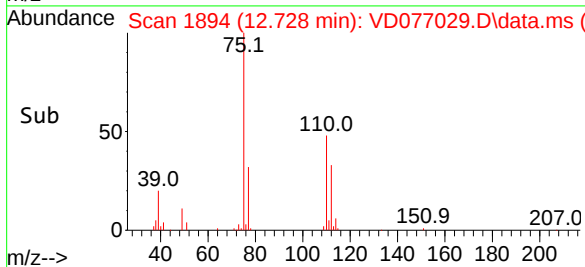
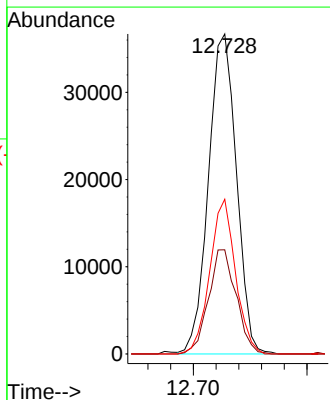
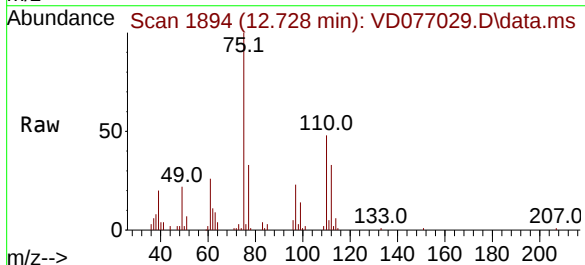
Instrument :
MSVOA_D
ClientSampleId :
DCHW4MS

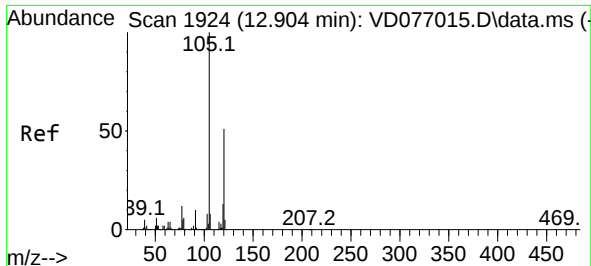
Tgt Ion:105 Resp: 456117
Ion Ratio Lower Upper
105 100
120 26.7 21.3 31.9
77 14.9 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 20.044 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

Tgt Ion: 75 Resp: 62783
Ion Ratio Lower Upper
75 100
77 32.2 27.2 40.8
110 44.4 31.8 47.6

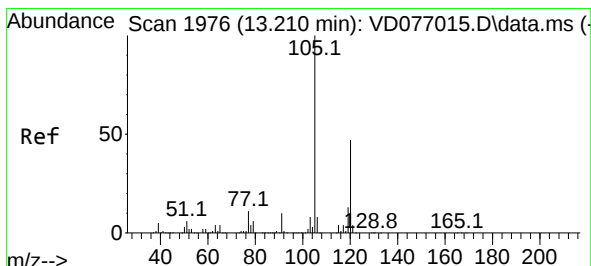
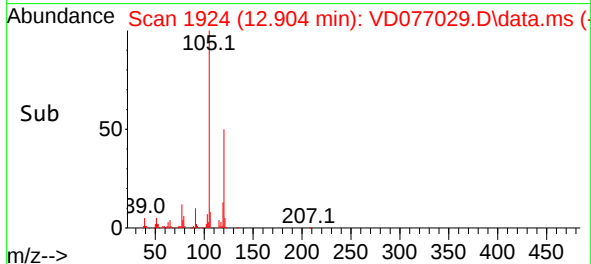
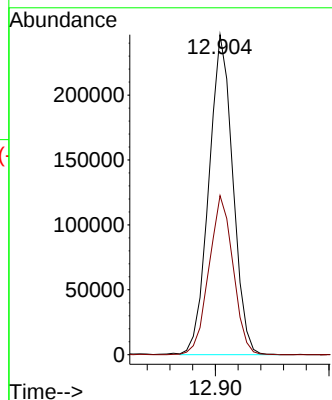
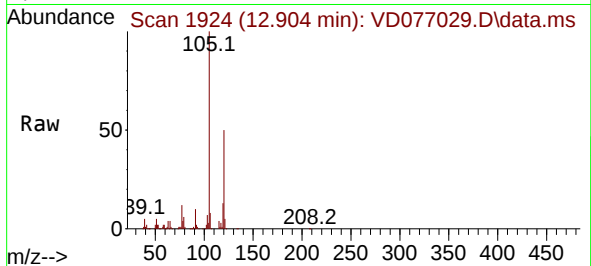




#62
1,3,5-Trimethylbenzene
Concen: 24.600 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

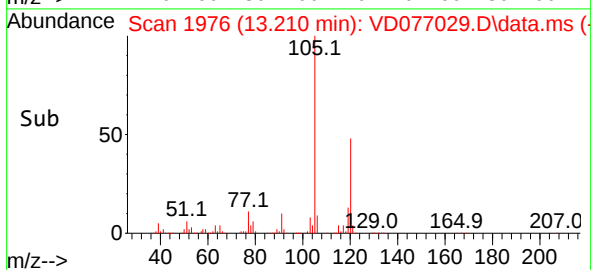
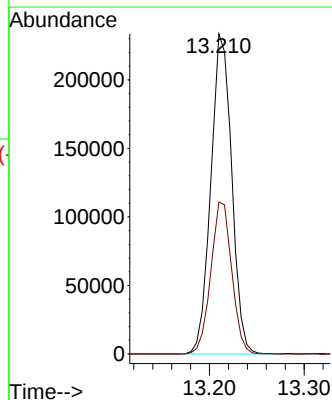
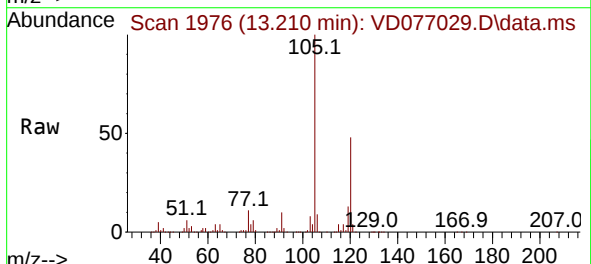
Instrument :
MSVOA_D
ClientSampleId :
DCHW4MS

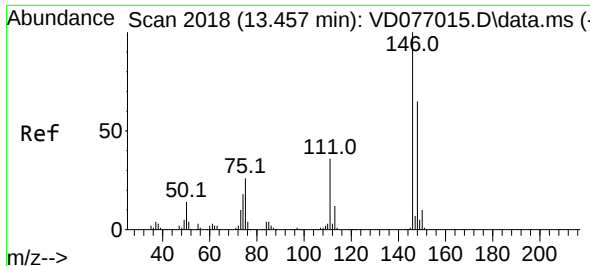
Tgt Ion:105 Resp: 361707
Ion Ratio Lower Upper
105 100
120 50.0 39.8 59.6



#63
1,2,4-Trimethylbenzene
Concen: 24.486 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

Tgt Ion:105 Resp: 358300
Ion Ratio Lower Upper
105 100
120 47.6 37.5 56.3

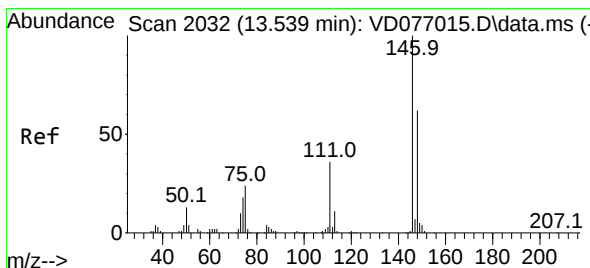
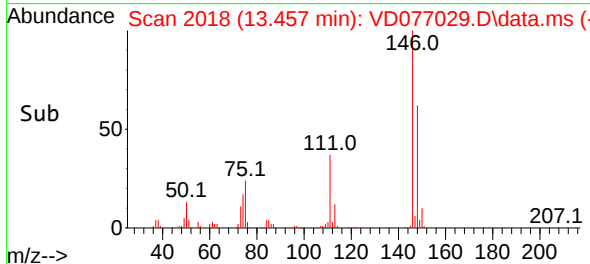
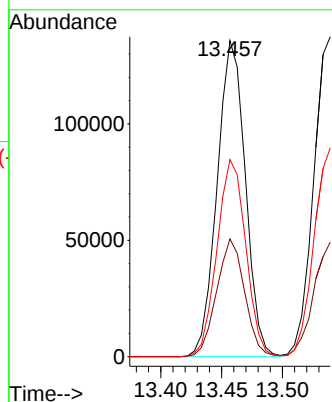
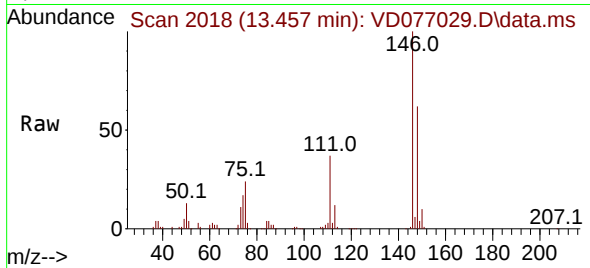




#64
1,3-Dichlorobenzene
Concen: 24.838 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

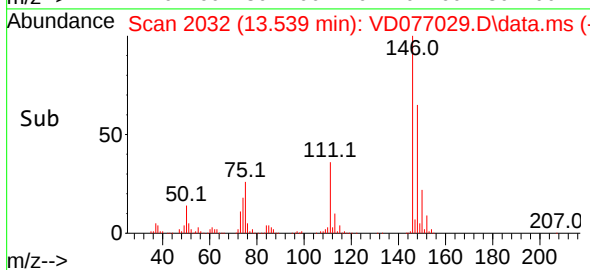
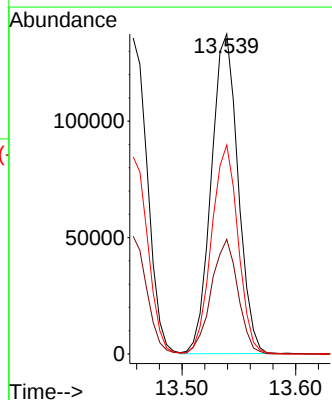
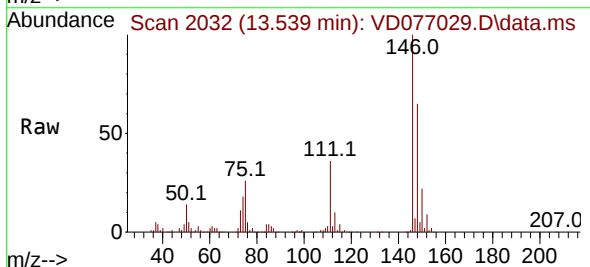
Instrument :
MSVOA_D
ClientSampleId :
DCHW4MS

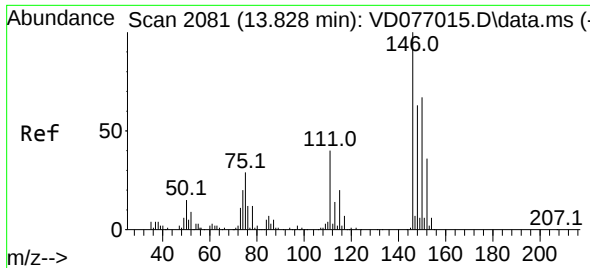
Tgt Ion:146 Resp: 218792
Ion Ratio Lower Upper
146 100
111 37.3 25.6 47.4
148 62.4 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 24.709 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

Tgt Ion:146 Resp: 224981
Ion Ratio Lower Upper
146 100
111 35.8 25.7 47.7
148 65.3 45.4 84.2

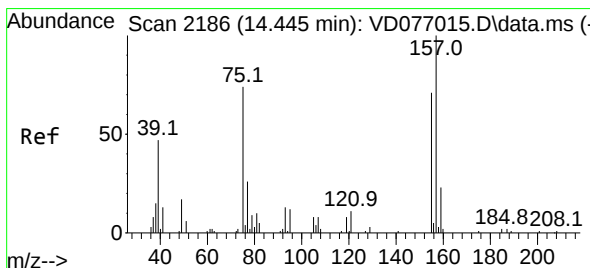
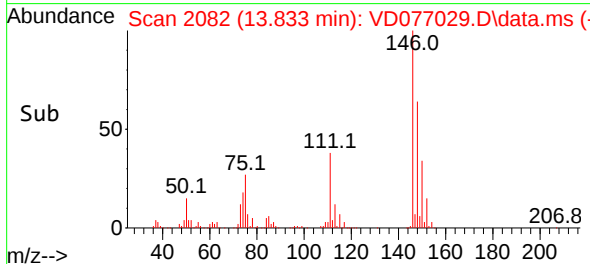
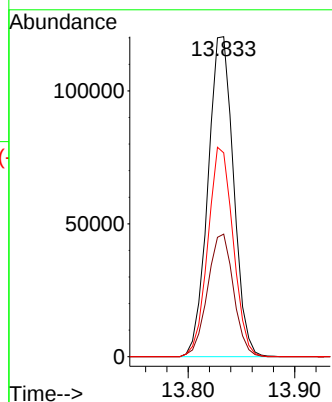
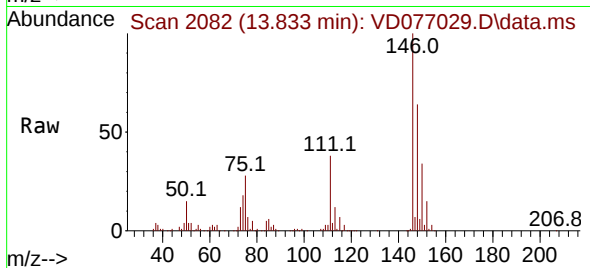




#67
1,2-Dichlorobenzene
Concen: 24.363 ug/L
RT: 13.833 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

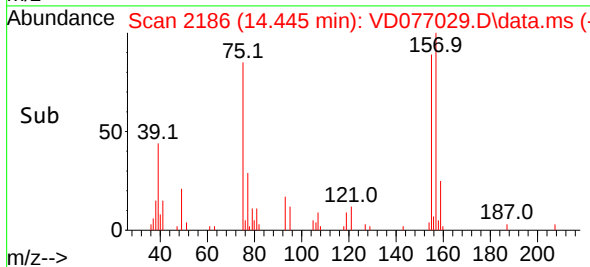
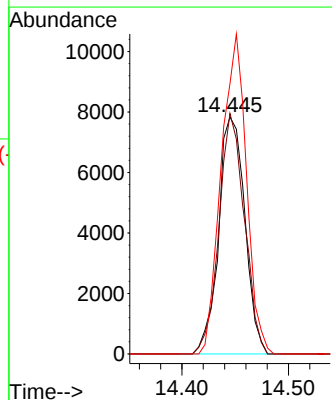
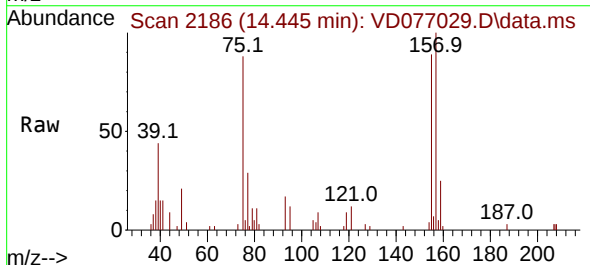
Instrument :
MSVOA_D
ClientSampleId :
DCHW4MS

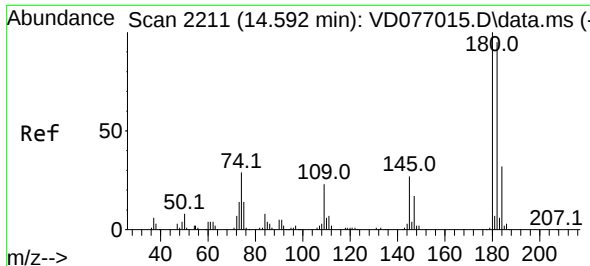
Tgt Ion:146 Resp: 201182
Ion Ratio Lower Upper
146 100
111 38.3 31.3 46.9
148 63.7 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 18.705 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

Tgt Ion: 75 Resp: 13424
Ion Ratio Lower Upper
75 100
155 101.5 76.2 114.4
157 114.1 89.4 134.2

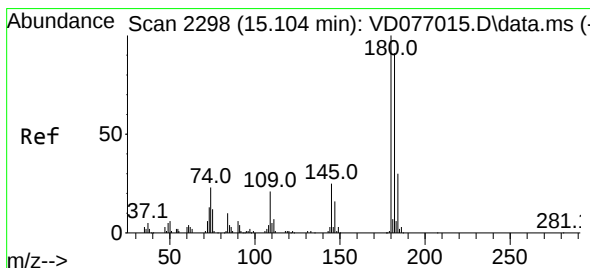
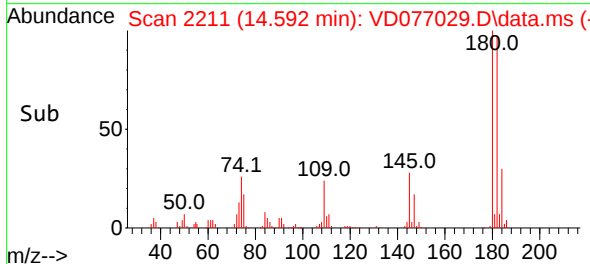
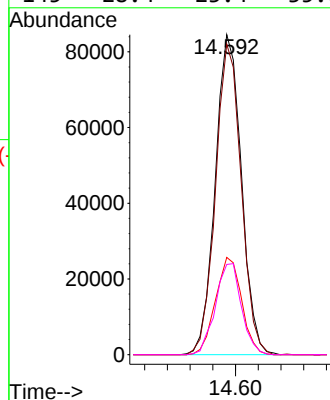
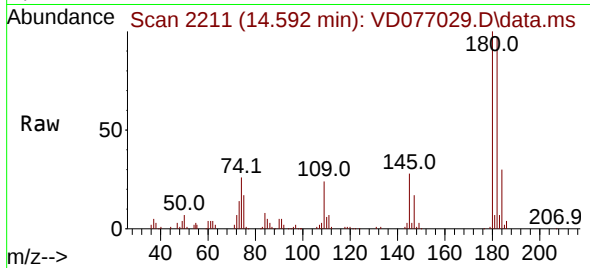




#69
1,3,5-Trichlorobenzene
Concen: 24.472 ug/L
RT: 14.592 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

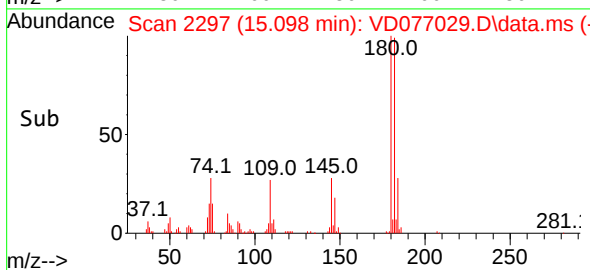
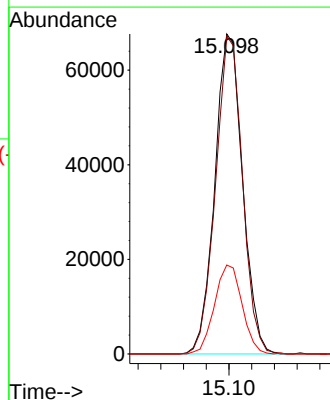
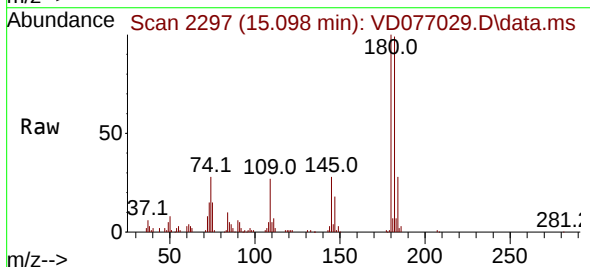
Instrument :
MSVOA_D
ClientSampleId :
DCHW4MS

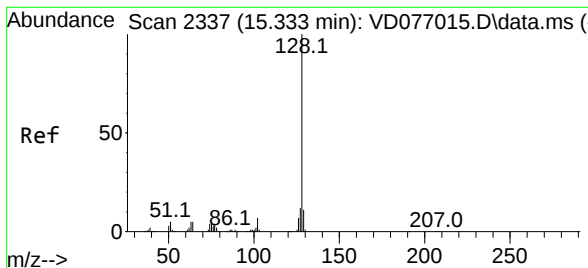
Tgt Ion:	180	Resp:	134898
Ion Ratio	Lower	Upper	
180	100		
182	95.3	77.1	115.7
184	30.4	25.0	37.4
145	28.4	23.4	35.0



#70
1,2,4-trichlorobenzene
Concen: 23.662 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VD077029.D
Acq: 25 Aug 2023 21:33

Tgt Ion:	180	Resp:	114737
Ion Ratio	Lower	Upper	
180	100		
182	96.4	76.9	115.3
145	27.6	23.5	35.3





#71

Naphthalene

Concen: 20.410 ug/L

RT: 15.333 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD077029.D

Acq: 25 Aug 2023 21:33

Instrument :

MSVOA_D

ClientSampleId :

DCHW4MS

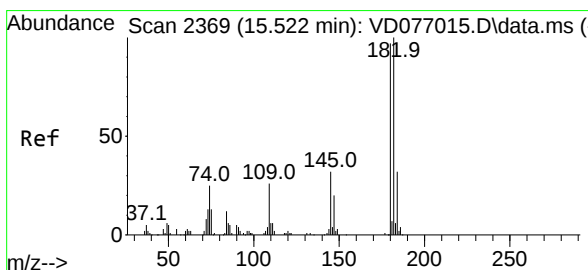
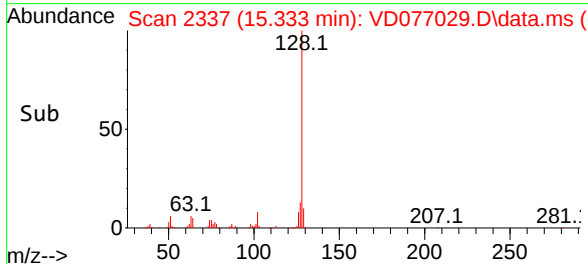
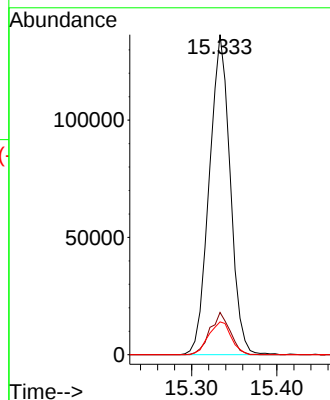
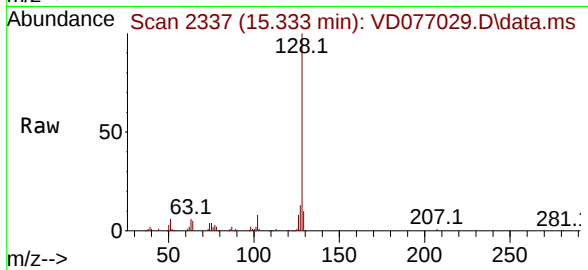
Tgt Ion:128 Resp: 232701

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 11.0 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 24.282 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD077029.D

Acq: 25 Aug 2023 21:33

Tgt Ion:180 Resp: 106777

Ion Ratio Lower Upper

180 100

182 95.4 74.3 111.5

145 31.1 25.0 37.6

