

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091323\
 Data File : VD077111.D
 Acq On : 13 Sep 2023 18:09
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 14 01:26:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:35:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	271192	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	285450	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	160445	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	152718	22.854	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.400%
7) Chloroethane-d5	2.793	69	131990	24.019	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.080%
11) 1,1-Dichloroethene-d2	3.916	65	34222	22.545	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.160%
21) 2-Butanone-d5	6.987	46	41568	49.378	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.760%
24) Chloroform-d	7.569	84	179577	24.200	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	8.228	65	87161	24.782	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.120%
32) Benzene-d6	8.199	84	349641	22.177	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.720%
36) 1,2-Dichloropropane-d6	9.210	67	104649	23.146	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.600%
41) Toluene-d8	10.269	98	325320	22.542	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.160%
43) trans-1,3-Dichloroprop...	10.522	79	42426	20.595	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.360%
47) 2-Hexanone-d5	10.875	63	34243	47.420	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.840%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	99881	24.780	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.120%
66) 1,2-Dichlorobenzene-d4	13.816	152	114920	22.315	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.280%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	84500	24.297	ug/L	97
3) Chloromethane	2.146	50	134018	22.708	ug/L	98
5) Vinyl chloride	2.275	62	162016	23.403	ug/L	100
6) Bromomethane	2.681	94	97516	20.164	ug/L	100
8) Chloroethane	2.828	64	109307	24.060	ug/L	97
9) Trichlorofluoromethane	3.169	101	166048	25.366	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	100007	24.976	ug/L	99
12) 1,1-Dichloroethene	3.934	96	81660	22.424	ug/L	93
13) Acetone	4.022	43	42829	35.465	ug/L	100
14) Carbon disulfide	4.263	76	257705	21.860	ug/L	99
15) Methyl Acetate	4.563	43	36981	22.894	ug/L #	77
16) Methylene chloride	4.799	84	114627	20.768	ug/L	98
17) trans-1,2-Dichloroethene	5.305	96	90433	22.808	ug/L	94
18) Methyl tert-butyl Ether	5.316	73	193187	22.561	ug/L #	94
19) 1,1-Dichloroethane	6.105	63	155928	23.323	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	103361	22.769	ug/L	97
22) 2-Butanone	7.081	43	54403	37.342	ug/L	100
23) Bromochloromethane	7.422	128	50930	23.509	ug/L	89
25) Chloroform	7.593	83	175553	23.517	ug/L	99

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 Response via : Initial Calibration

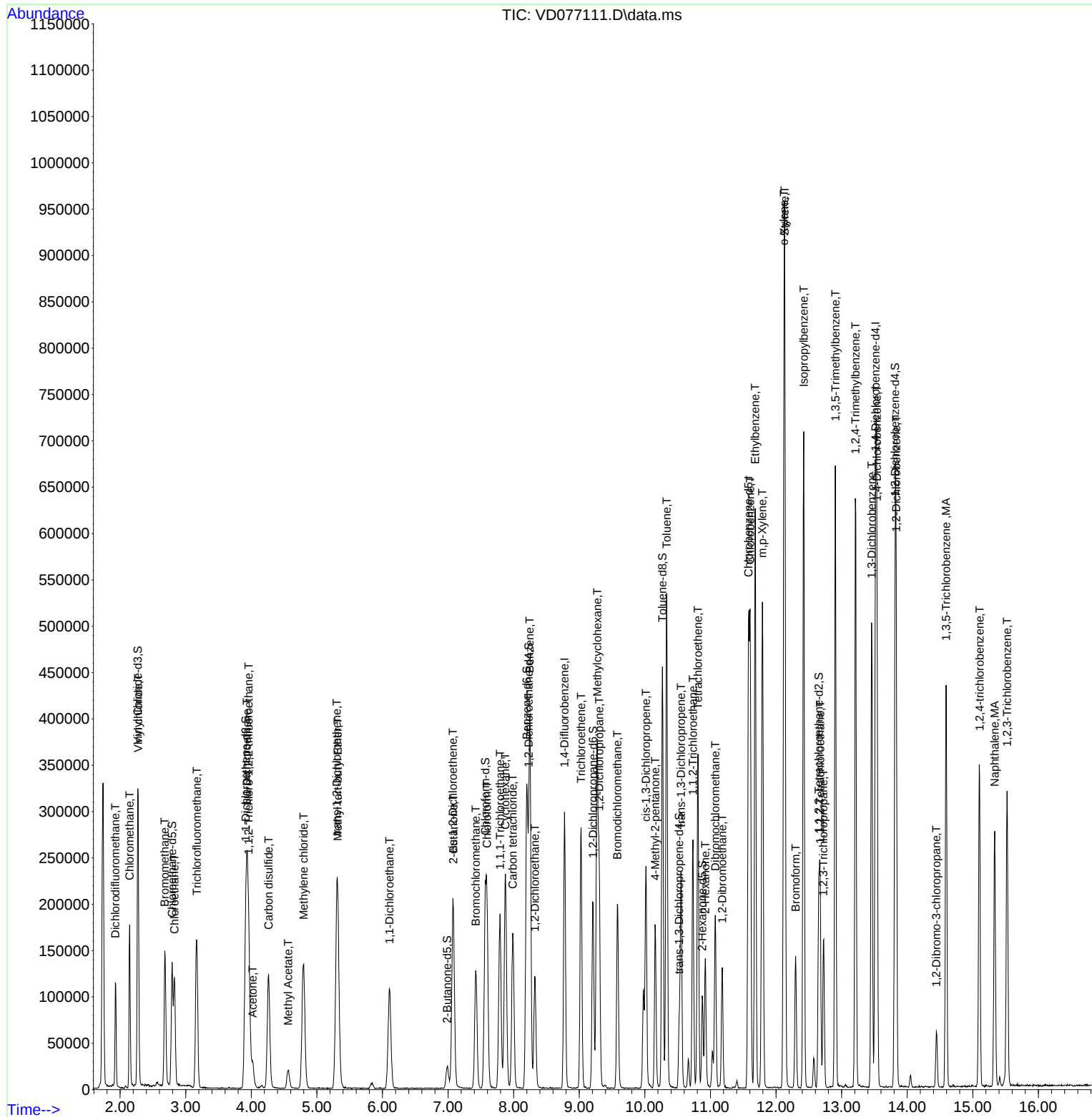
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	106982	23.928	ug/L	98
29) Cyclohexane	7.875	56	120013	22.357	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	152102	22.794	ug/L	97
31) Carbon tetrachloride	7.987	117	128547	22.773	ug/L	98
33) Benzene	8.246	78	375049	21.872	ug/L	100
34) Trichloroethene	9.028	95	97968	21.547	ug/L	97
35) Methylcyclohexane	9.275	83	156576	22.330	ug/L	98
37) 1,2-Dichloropropane	9.304	63	95651	22.116	ug/L	99
38) Bromodichloromethane	9.581	83	135317	22.678	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	150639	21.907	ug/L	94
40) 4-Methyl-2-pentanone	10.157	43	108392	45.600	ug/L	98
42) Toluene	10.334	91	420567	22.644	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	130239	22.154	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	87589	23.932	ug/L	90
46) Tetrachloroethene	10.810	164	83376	22.431	ug/L	98
48) 2-Hexanone	10.922	43	78638	42.899	ug/L	98
49) Dibromochloromethane	11.075	129	98891	23.134	ug/L	95
50) 1,2-Dibromoethane	11.181	107	84712	23.429	ug/L #	96
51) Chlorobenzene	11.604	112	274525	22.105	ug/L	96
52) Ethylbenzene	11.681	91	453452	22.560	ug/L	99
53) m,p-Xylene	11.792	106	172597	22.238	ug/L	99
54) o-Xylene	12.122	106	171366	22.874	ug/L	97
55) Styrene	12.134	104	313245	23.396	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	104192	24.205	ug/L	95
59) Bromoform	12.298	173	64393	22.253	ug/L	100
60) Isopropylbenzene	12.422	105	460341	22.261	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	68469	22.357	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	349982	21.882	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	352413	22.490	ug/L	97
64) 1,3-Dichlorobenzene	13.457	146	216719	21.997	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	223791	21.744	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	197881	21.838	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	15381	24.014	ug/L	92
69) 1,3,5-Trichlorobenzene	14.592	180	141433	21.784	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	118360	21.300	ug/L	100
71) Naphthalene	15.333	128	245648	22.114	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	112320	22.008	ug/L	99

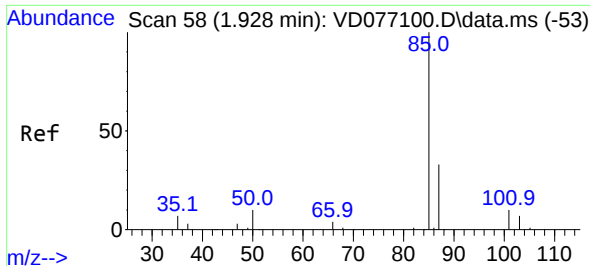
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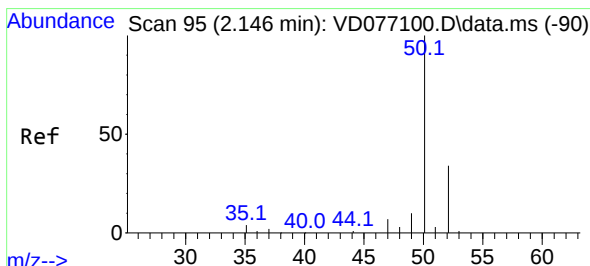
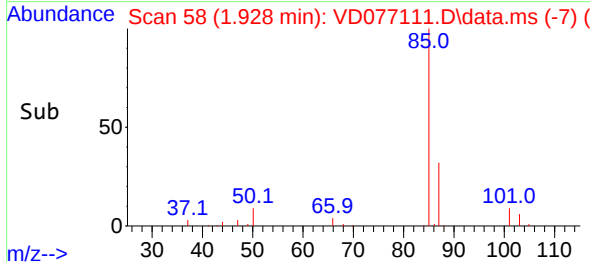
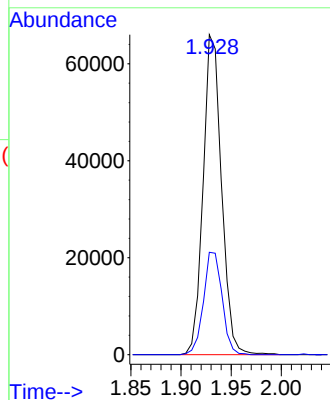
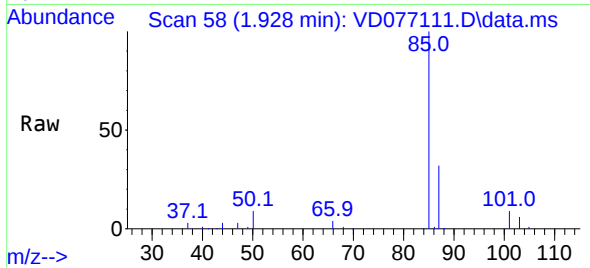




#2
 Dichlorodifluoromethane
 Concen: 24.297 ug/L
 RT: 1.928 min Scan# 58
 Delta R.T. -0.000 min
 Lab File: VD077111.D
 Acq: 13 Sep 2023 18:09

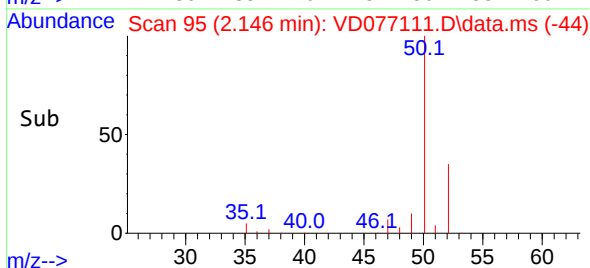
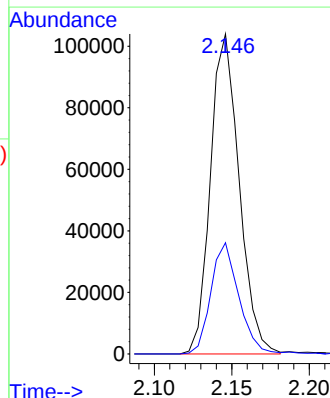
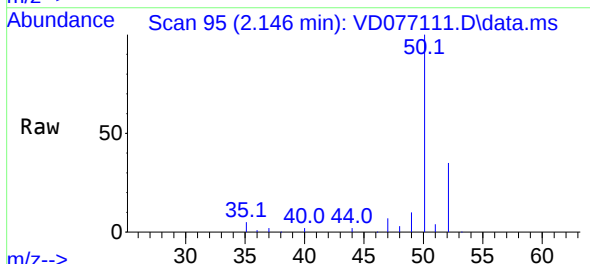
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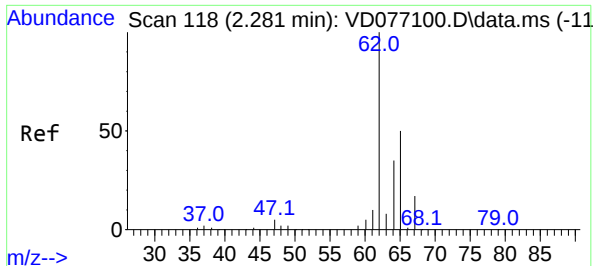
Tgt Ion: 85 Resp: 84500
 Ion Ratio Lower Upper
 85 100
 87 32.3 27.0 40.6



#3
 Chloromethane
 Concen: 22.708 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD077111.D
 Acq: 13 Sep 2023 18:09

Tgt Ion: 50 Resp: 134018
 Ion Ratio Lower Upper
 50 100
 52 34.7 23.5 43.7

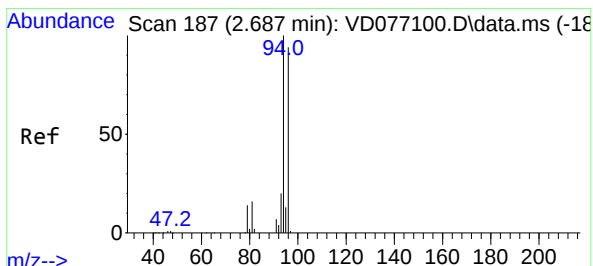
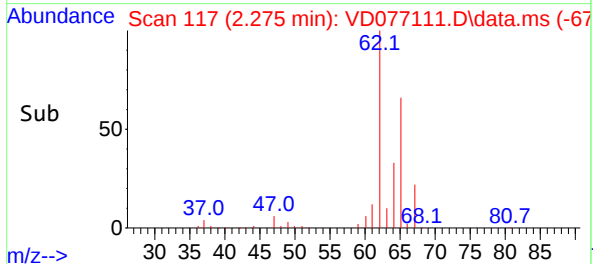
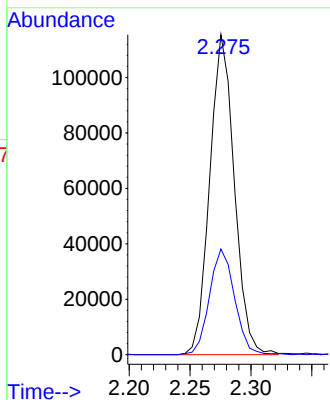
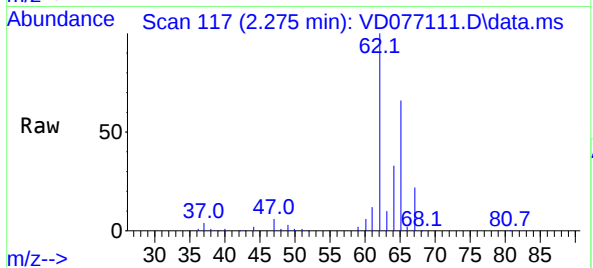




#5
 Vinyl chloride
 Concen: 23.403 ug/L
 RT: 2.275 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD077111.D
 Acq: 13 Sep 2023 18:09

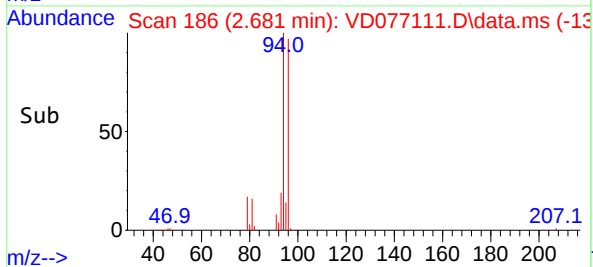
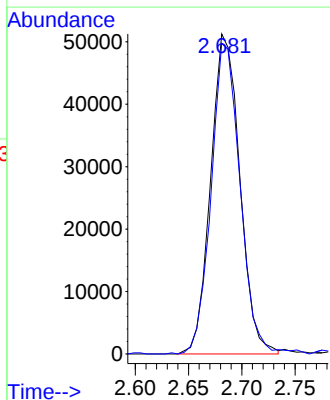
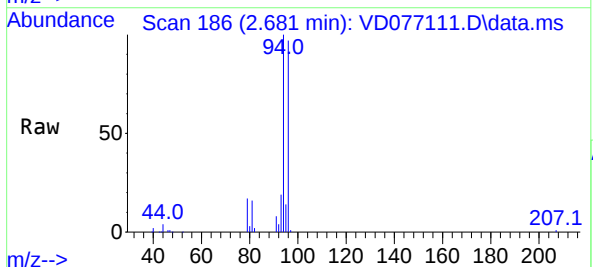
Instrument :
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 ClientSampleId :

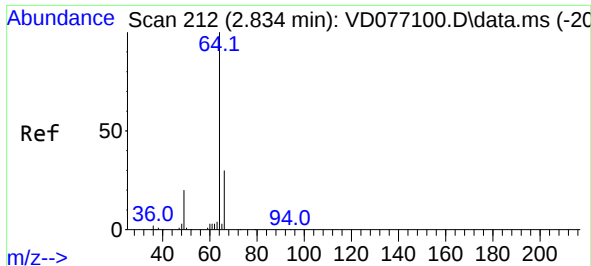
Tgt Ion: 62 Resp: 162016
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.2 43.2



#6
 Bromomethane
 Concen: 20.164 ug/L
 RT: 2.681 min Scan# 186
 Delta R.T. -0.012 min
 Lab File: VD077111.D
 Acq: 13 Sep 2023 18:09

Tgt Ion: 94 Resp: 97516
 Ion Ratio Lower Upper
 94 100
 96 97.1 68.2 126.6

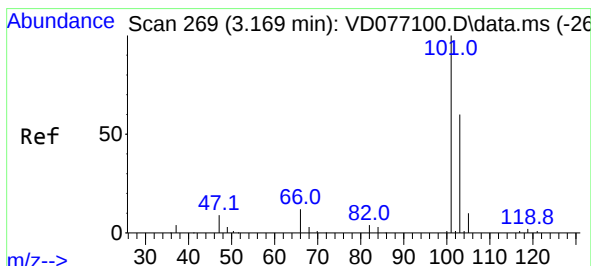
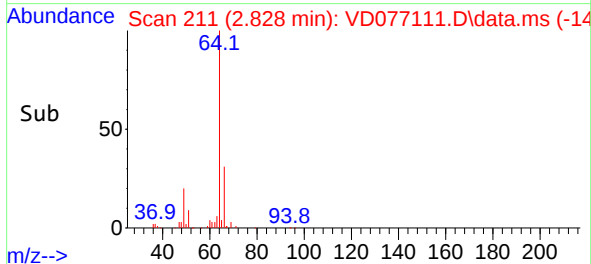
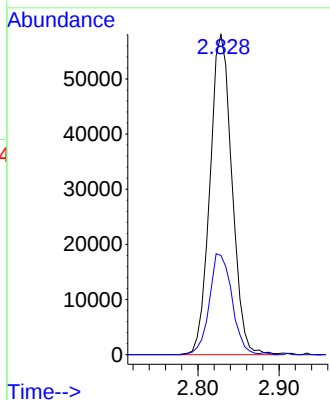
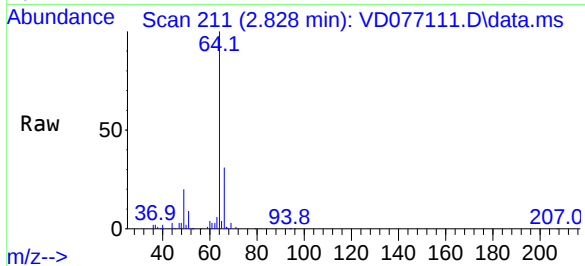




#8
Chloroethane
Concen: 24.060 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

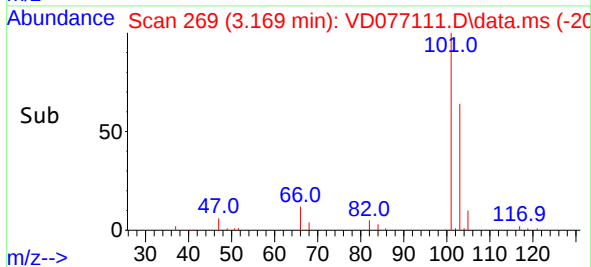
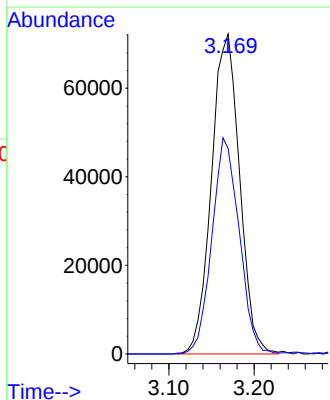
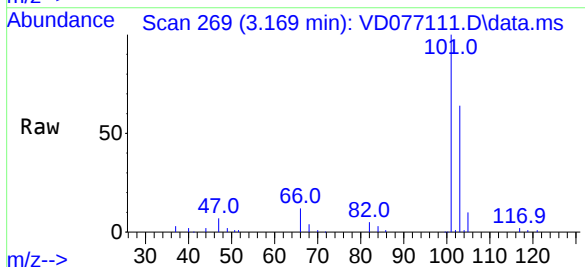
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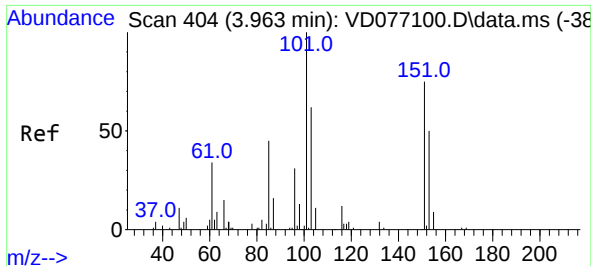
Tgt Ion: 64 Resp: 109307
Ion Ratio Lower Upper
64 100
66 31.0 23.0 42.6



#9
Trichlorofluoromethane
Concen: 25.366 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

Tgt Ion:101 Resp: 166048
Ion Ratio Lower Upper
101 100
103 65.4 52.0 78.0

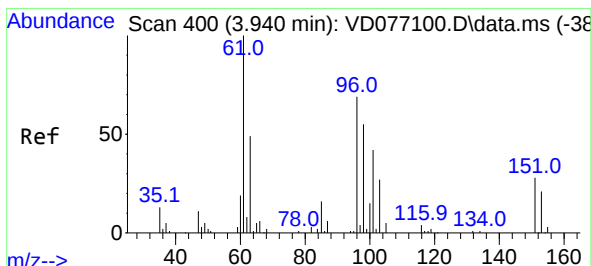
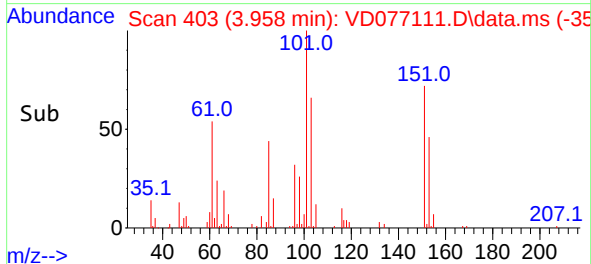
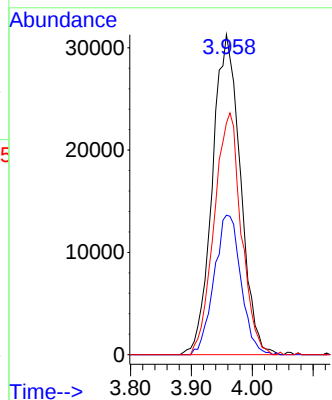
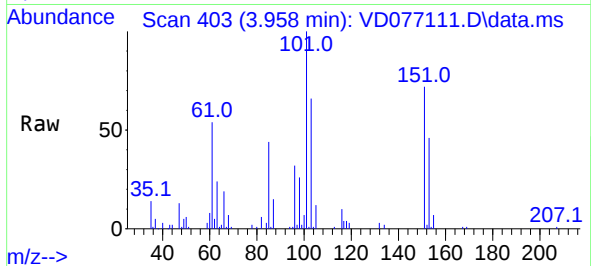




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.976 ug/L
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

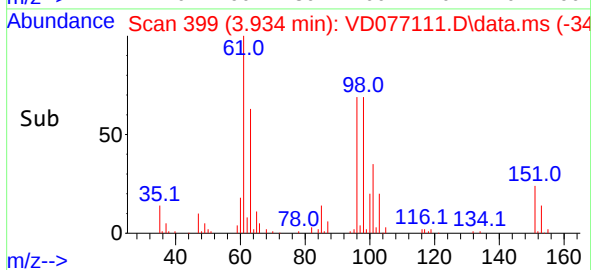
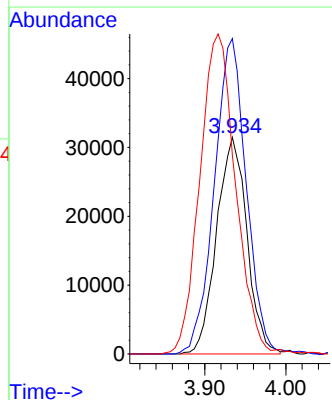
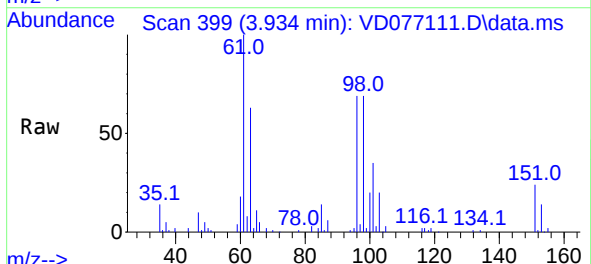
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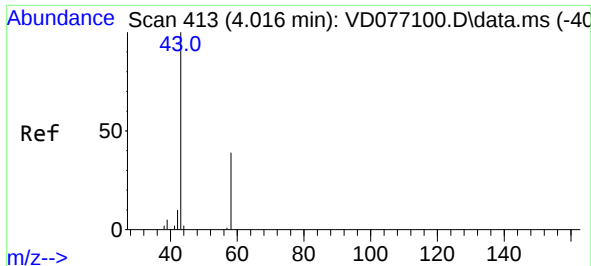
Tgt Ion:101 Resp: 100007
Ion Ratio Lower Upper
101 100
85 41.7 33.4 50.2
151 73.2 59.6 89.4



#12
1,1-Dichloroethene
Concen: 22.424 ug/L
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

Tgt Ion: 96 Resp: 81660
Ion Ratio Lower Upper
96 100
61 145.6 95.5 177.3
63 91.8 68.6 127.4





#13

Acetone

Concen: 35.465 ug/L

RT: 4.022 min Scan# 413

Delta R.T. 0.006 min

Lab File: VD077111.D

Acq: 13 Sep 2023 18:09

Instrument :

MSVOA_D

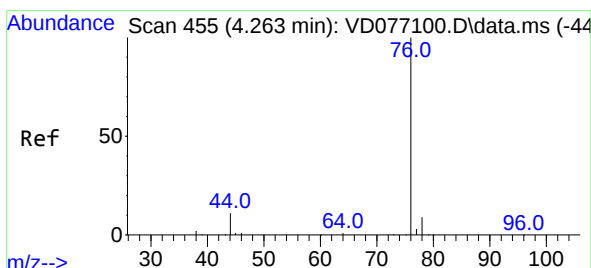
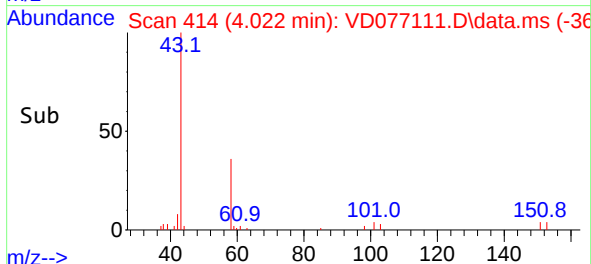
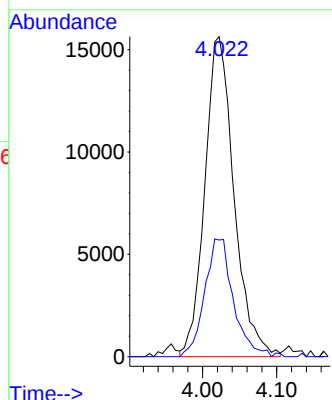
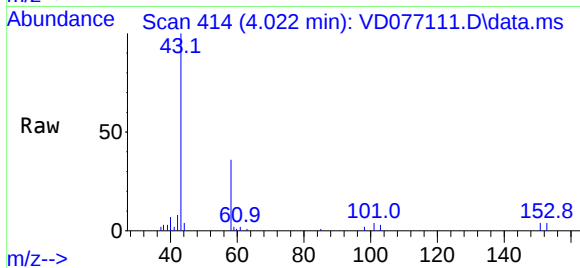
ClientSampleId :

Tgt Ion: 43 Resp: 42829

Ion Ratio Lower Upper

43 100

58 35.8 0.0 71.8



#14

Carbon disulfide

Concen: 21.860 ug/L

RT: 4.263 min Scan# 455

Delta R.T. -0.006 min

Lab File: VD077111.D

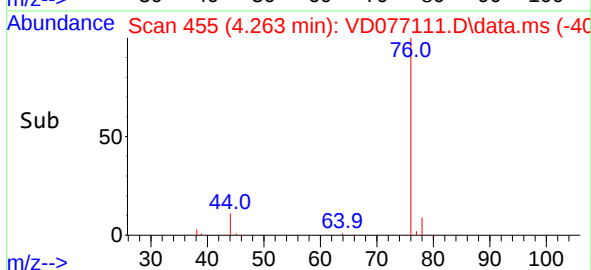
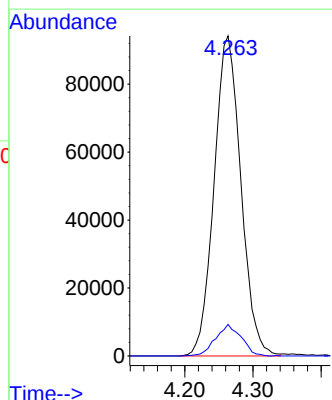
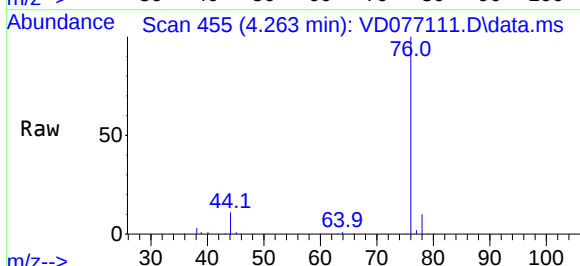
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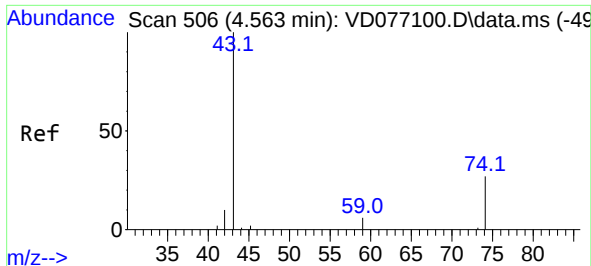
Tgt Ion: 76 Resp: 257705

Ion Ratio Lower Upper

76 100

78 9.9 7.5 11.3

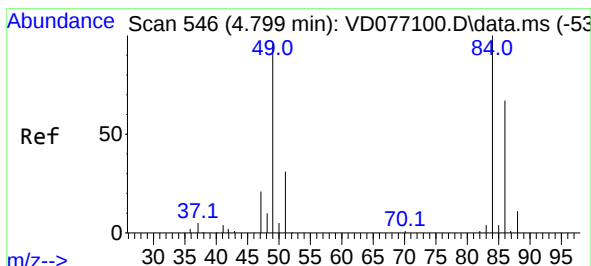
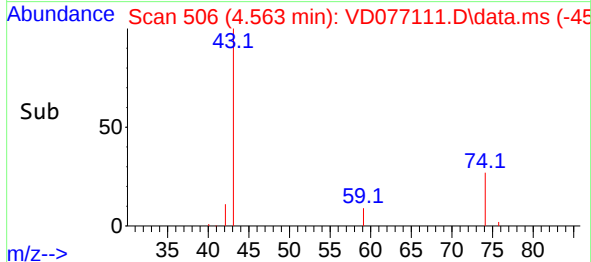
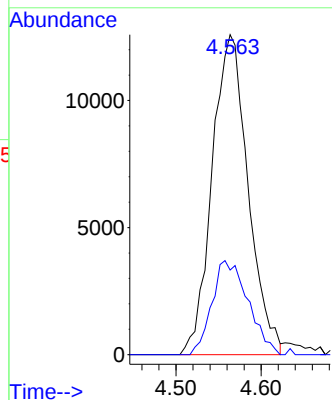
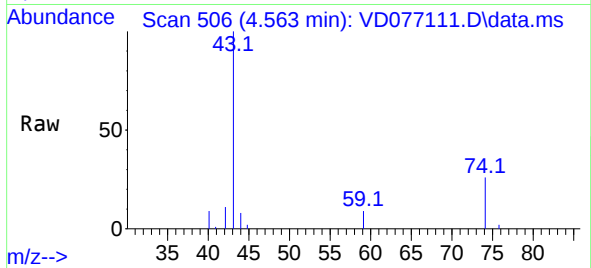




#15
Methyl Acetate
Concen: 22.894 ug/L
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

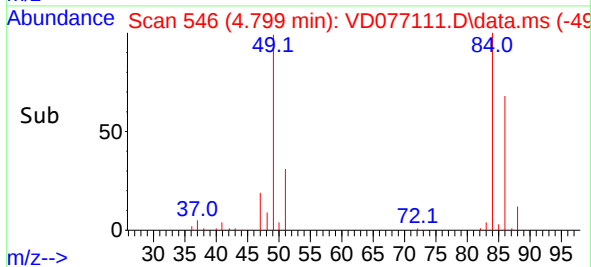
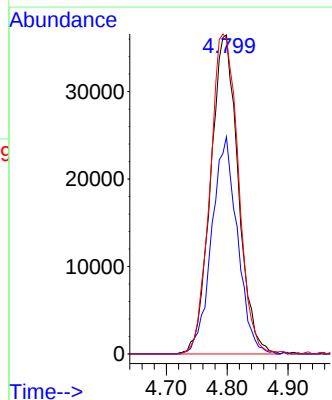
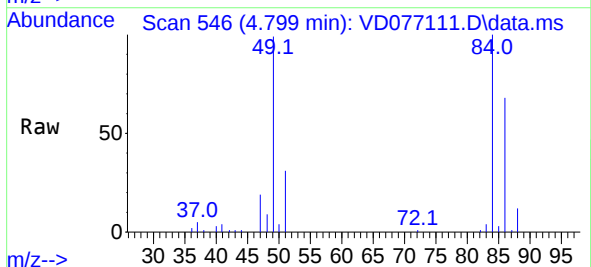
Instrument :
MSVOA_D
ClientSampleId :

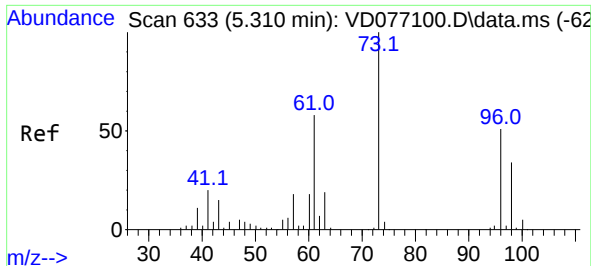
Tgt Ion: 43 Resp: 36981
Ion Ratio Lower Upper
43 100
74 29.6 0.2 0.2#



#16
Methylene chloride
Concen: 20.768 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

Tgt Ion: 84 Resp: 114627
Ion Ratio Lower Upper
84 100
86 68.1 45.3 84.1
49 98.9 69.2 128.6





#17

trans-1,2-Dichloroethene

Concen: 22.808 ug/L

RT: 5.305 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD077111.D

Acq: 13 Sep 2023 18:09

Instrument :

MSVOA_D

ClientSampleId :

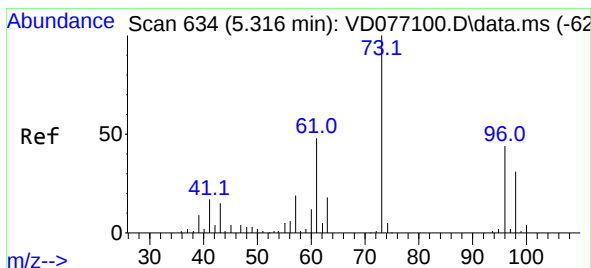
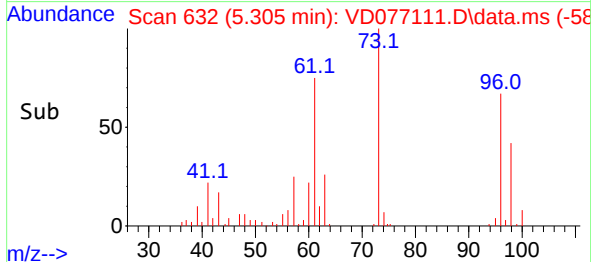
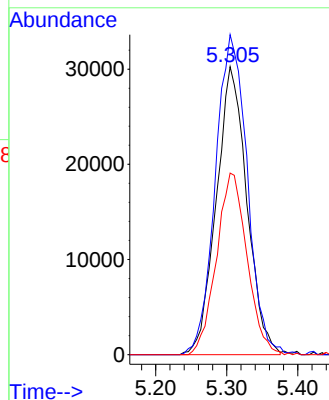
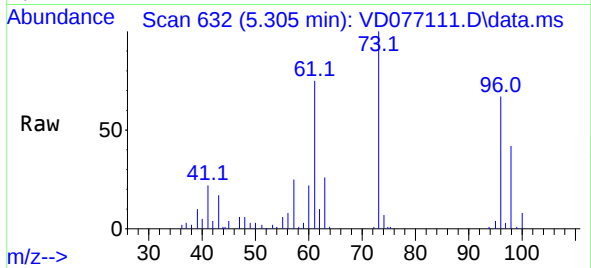
Tgt Ion: 96 Resp: 90433

Ion Ratio Lower Upper

96 100

61 111.1 85.1 158.1

98 63.1 43.7 81.1



#18

Methyl tert-butyl Ether

Concen: 22.561 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.000 min

Lab File: VD077111.D

Acq: 13 Sep 2023 18:09

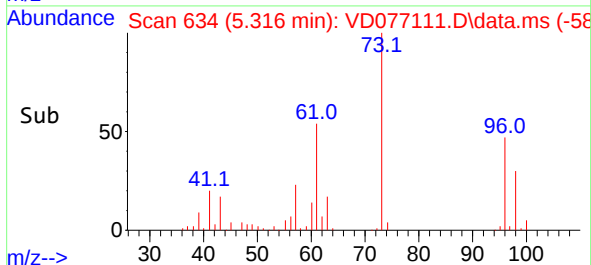
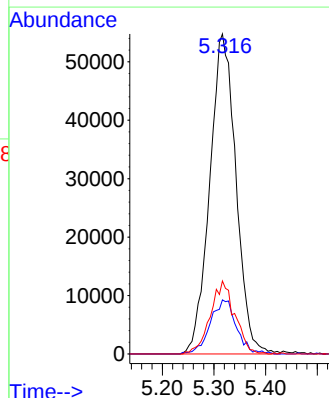
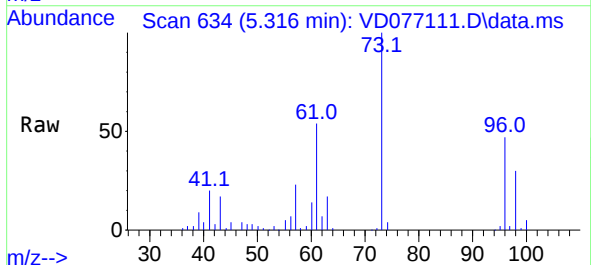
Tgt Ion: 73 Resp: 193187

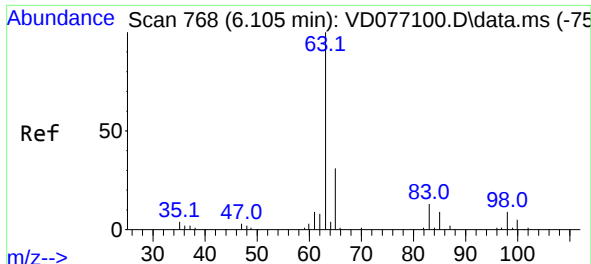
Ion Ratio Lower Upper

73 100

43 10.1 12.5 18.7#

57 21.2 16.8 25.2





#19

1,1-Dichloroethane

Concen: 23.323 ug/L

RT: 6.105 min Scan# 768

Delta R.T. -0.006 min

Lab File: VD077111.D

Acq: 13 Sep 2023 18:09

Instrument :

MSVOA_D

ClientSampleId :

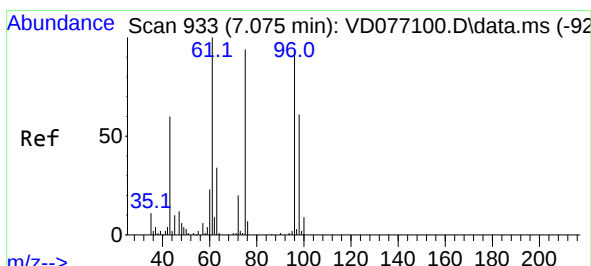
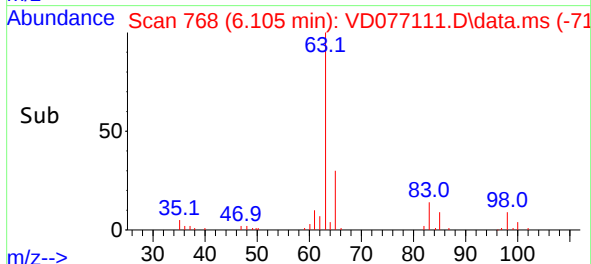
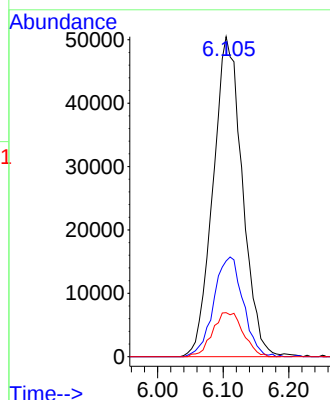
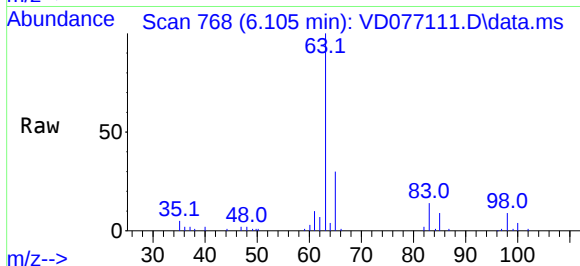
Tgt Ion: 63 Resp: 155928

Ion Ratio Lower Upper

63 100

65 29.9 22.5 41.9

83 13.8 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 22.769 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD077111.D

Acq: 13 Sep 2023 18:09

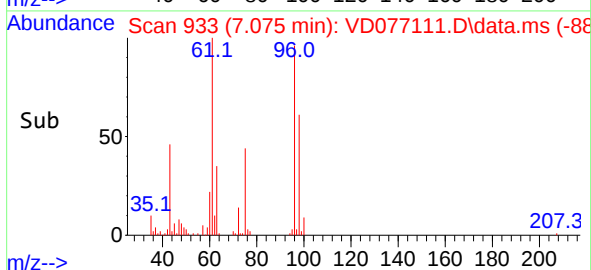
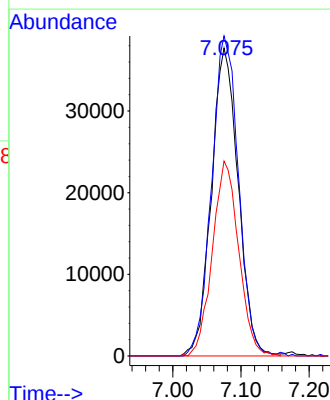
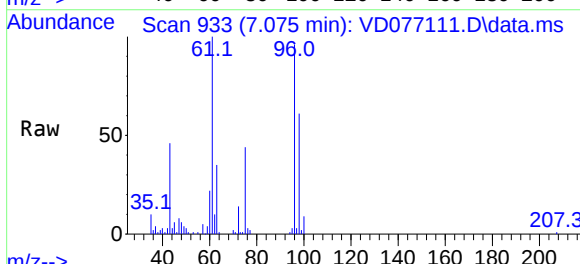
Tgt Ion: 96 Resp: 103361

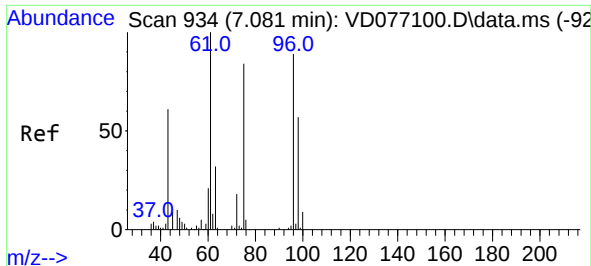
Ion Ratio Lower Upper

96 100

61 104.0 75.5 140.1

98 63.3 45.8 85.0

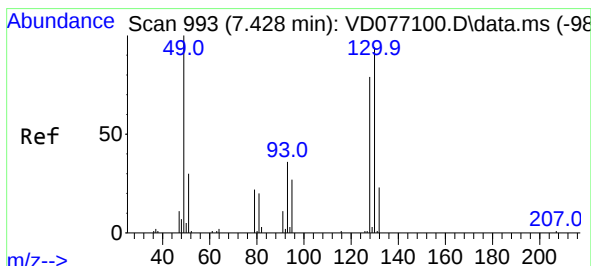
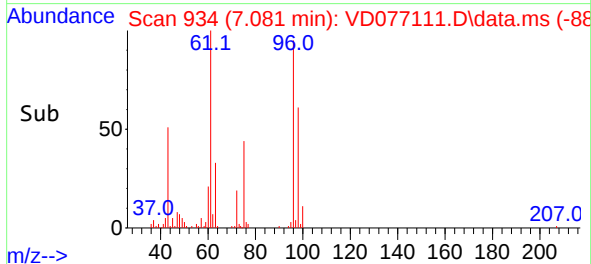
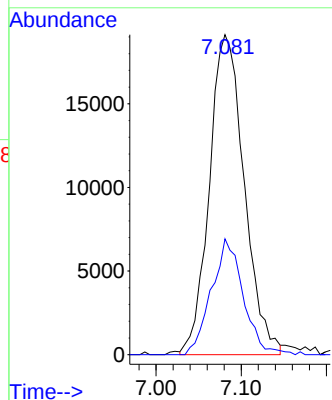
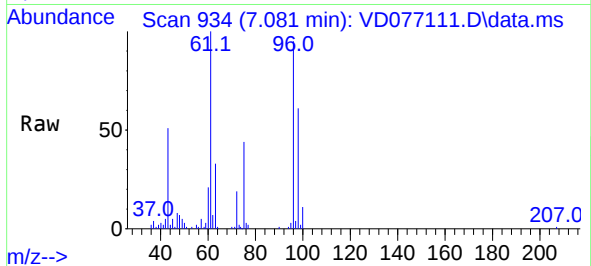




#22
2-Butanone
Concen: 37.342 ug/L
RT: 7.081 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

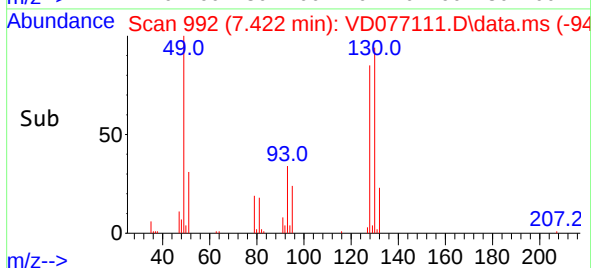
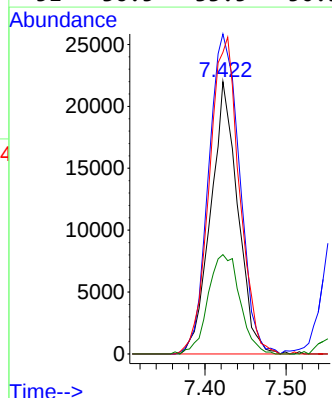
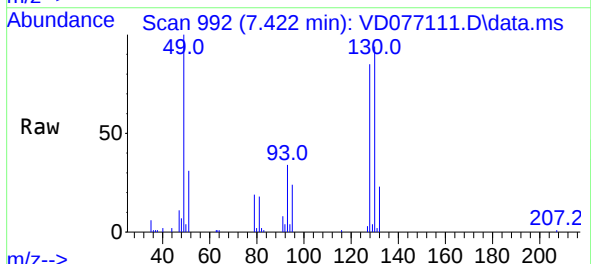
Instrument :
MSVOA_D
ClientSampleId :

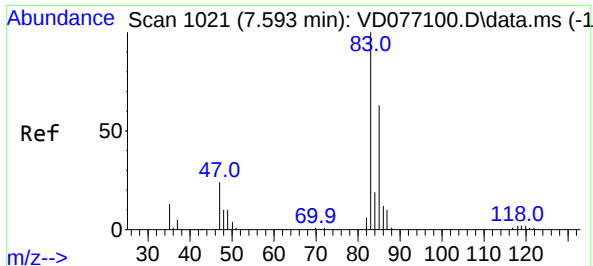
Tgt Ion: 43 Resp: 54403
Ion Ratio Lower Upper
43 100
72 32.2 16.0 48.0



#23
Bromochloromethane
Concen: 23.509 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

Tgt Ion:128 Resp: 50930
Ion Ratio Lower Upper
128 100
49 117.5 86.5 160.6
130 110.8 91.2 169.4
51 36.5 33.5 50.3





#25

Chloroform

Concen: 23.517 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD077111.D

Acq: 13 Sep 2023 18:09

Instrument :

MSVOA_D

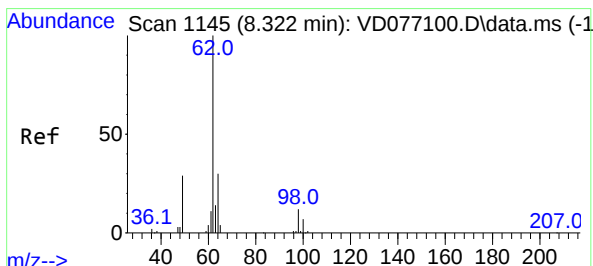
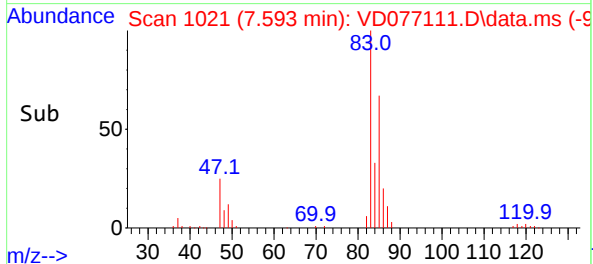
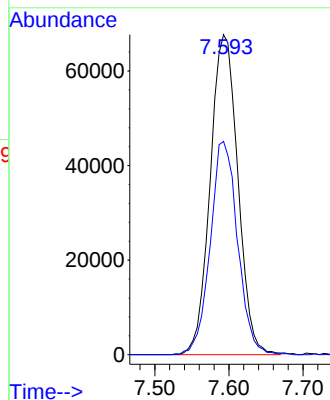
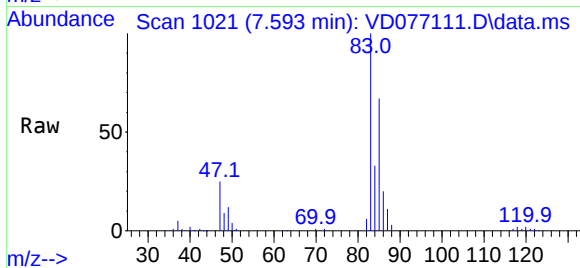
ClientSampleId :

Tgt Ion: 83 Resp: 175553

Ion Ratio Lower Upper

83 100

85 66.6 46.2 85.8



#27

1,2-Dichloroethane

Concen: 23.928 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD077111.D

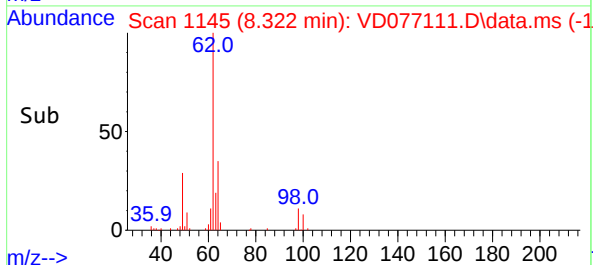
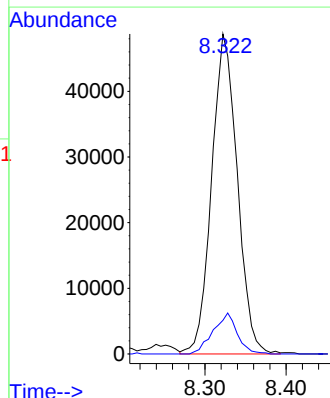
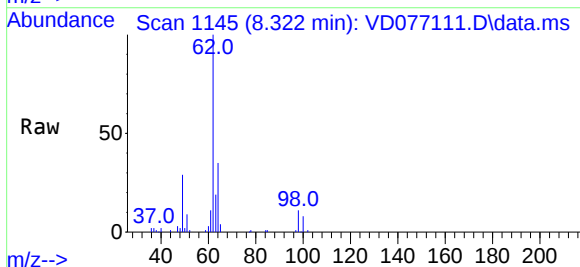
Acq: 13 Sep 2023 18:09

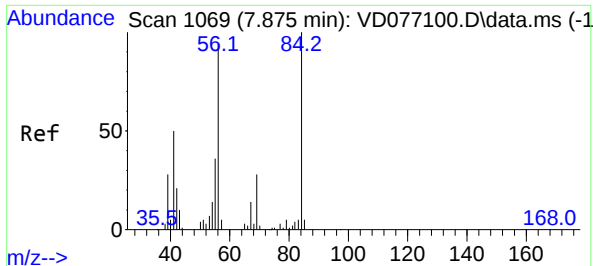
Tgt Ion: 62 Resp: 106982

Ion Ratio Lower Upper

62 100

98 10.5 9.0 13.4





#29

Cyclohexane

Concen: 22.357 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

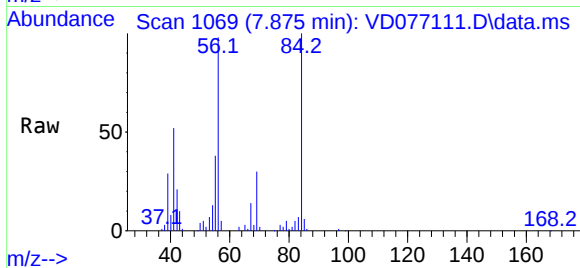
Lab File: VD077111.D

Acq: 13 Sep 2023 18:09

Instrument :

MSVOA_D

ClientSampleId :



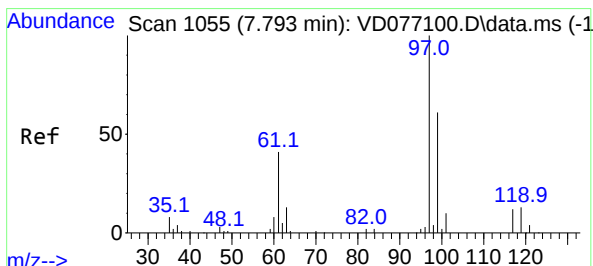
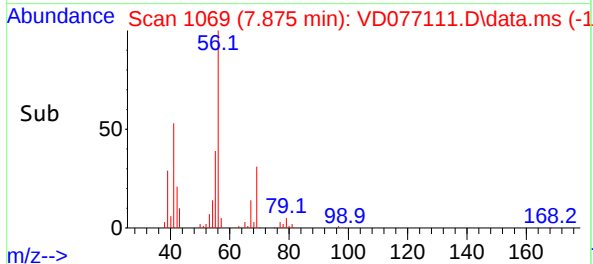
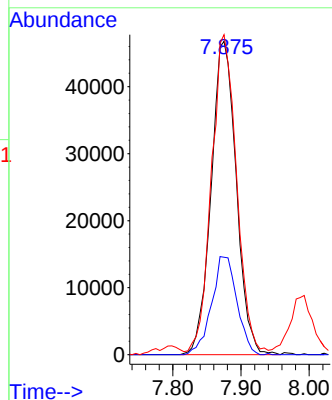
Tgt Ion: 56 Resp: 120013

Ion Ratio Lower Upper

56 100

69 31.6 25.5 38.3

84 102.7 82.6 124.0



#30

1,1,1-Trichloroethane

Concen: 22.794 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD077111.D

Acq: 13 Sep 2023 18:09

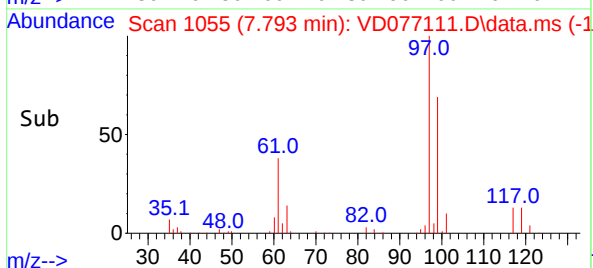
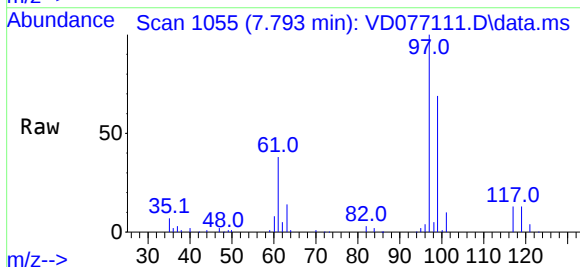
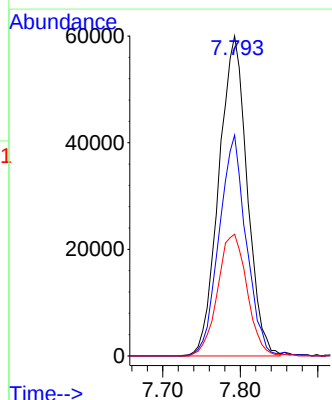
Tgt Ion: 97 Resp: 152102

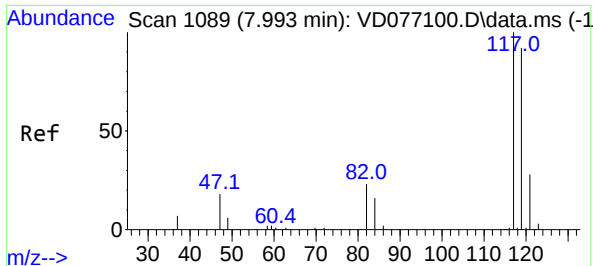
Ion Ratio Lower Upper

97 100

99 65.9 50.7 76.1

61 39.5 32.6 48.8

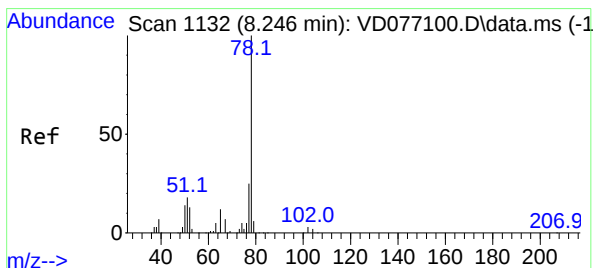
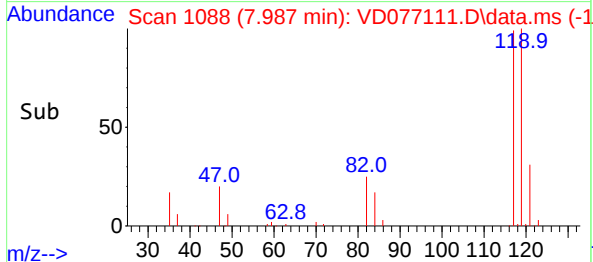
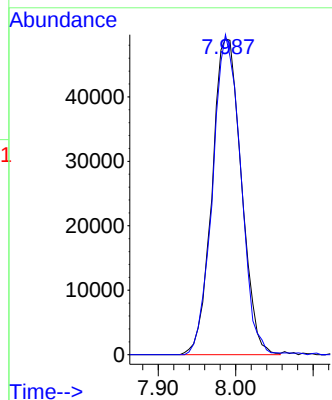
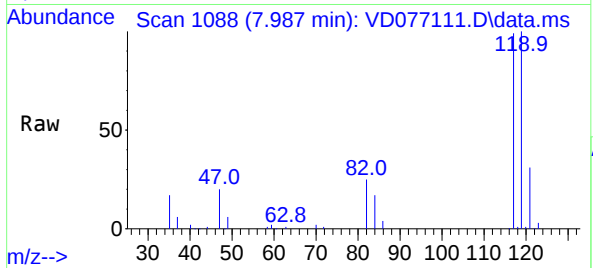




#31
Carbon tetrachloride
Concen: 22.773 ug/L
RT: 7.987 min Scan# 110
Delta R.T. -0.006 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

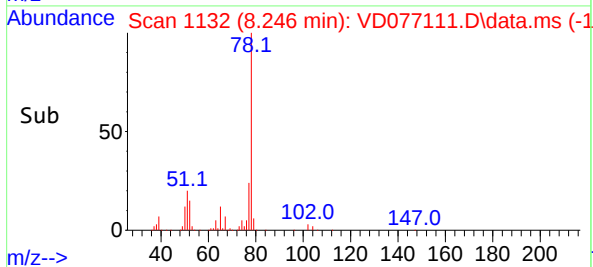
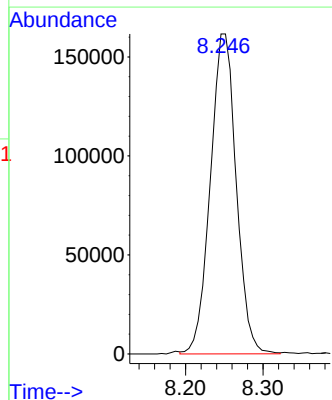
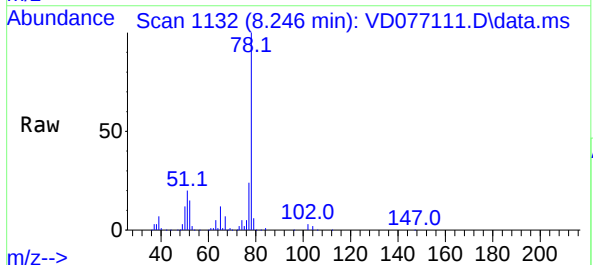
Instrument :
MSVOA_D
ClientSampleId :

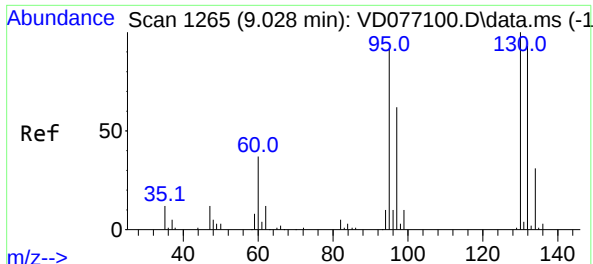
Tgt Ion:117 Resp: 128547
Ion Ratio Lower Upper
117 100
119 97.2 76.2 114.4



#33
Benzene
Concen: 21.872 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

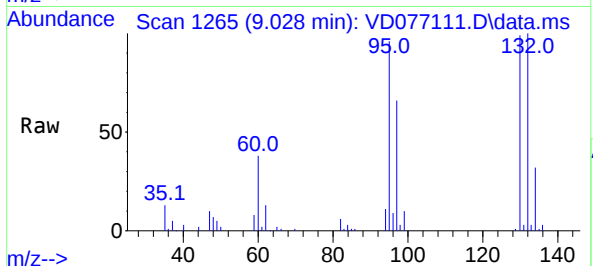
Tgt Ion: 78 Resp: 375049





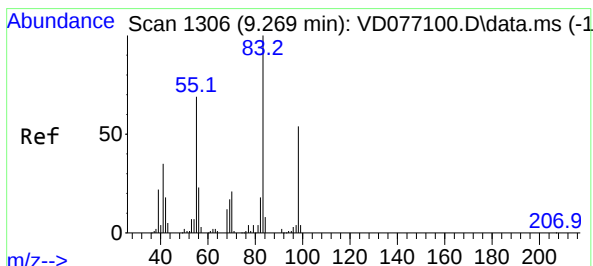
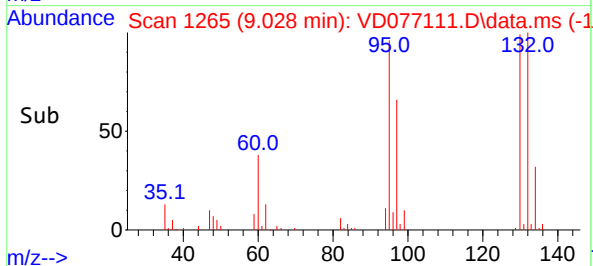
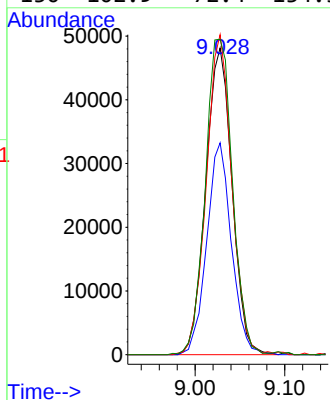
#34
Trichloroethene
Concen: 21.547 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 97968

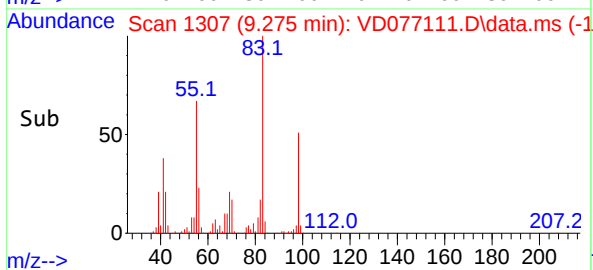
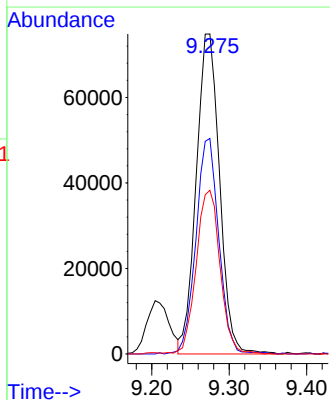
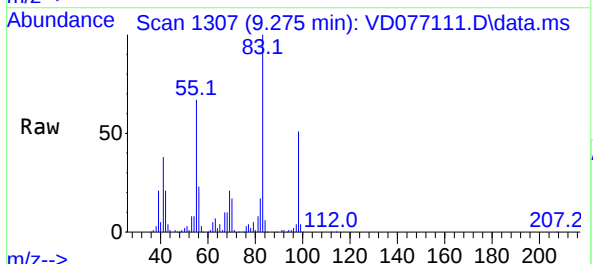
Ion	Ratio	Lower	Upper
95	100		
97	69.0	46.4	86.2
132	104.3	70.1	130.1
130	102.9	72.4	134.5

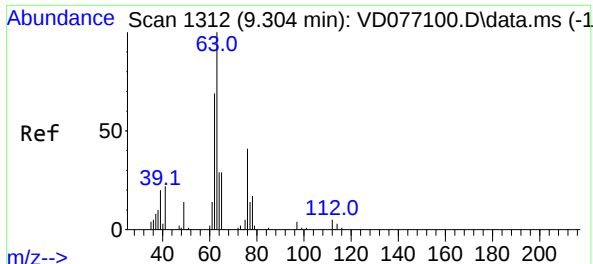


#35
Methylcyclohexane
Concen: 22.330 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

Tgt Ion: 83 Resp: 156576

Ion	Ratio	Lower	Upper
83	100		
55	65.7	51.5	77.3
98	51.9	40.7	61.1

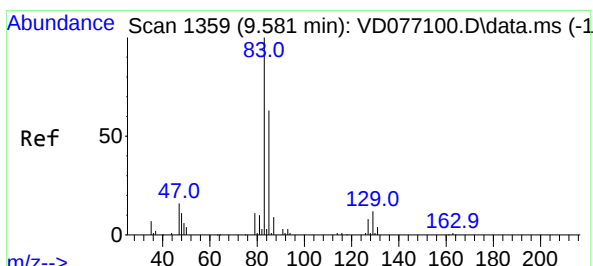
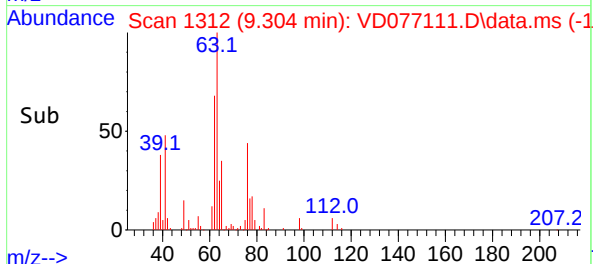
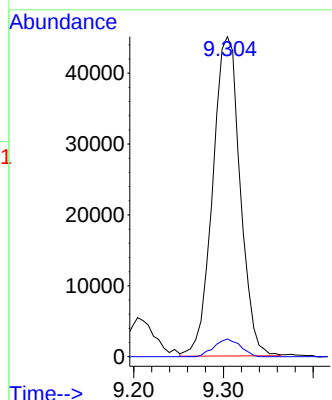
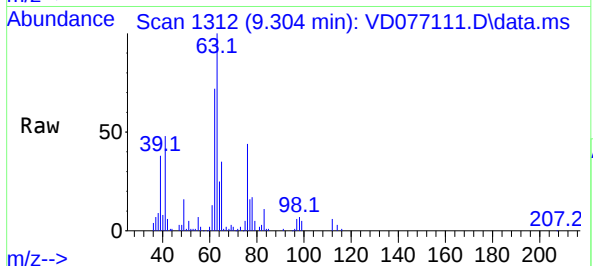




#37
1,2-Dichloropropane
Concen: 22.116 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

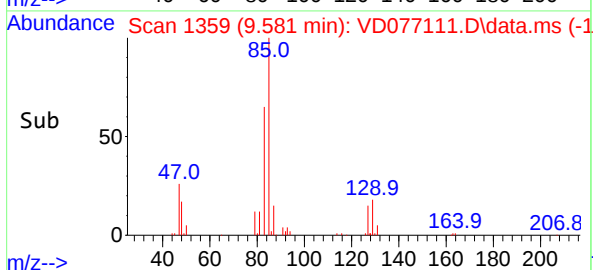
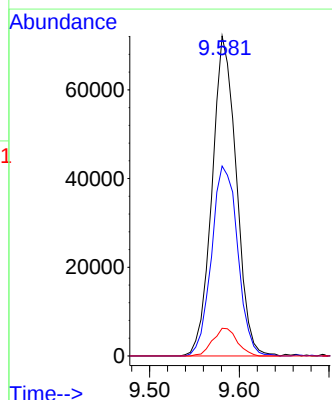
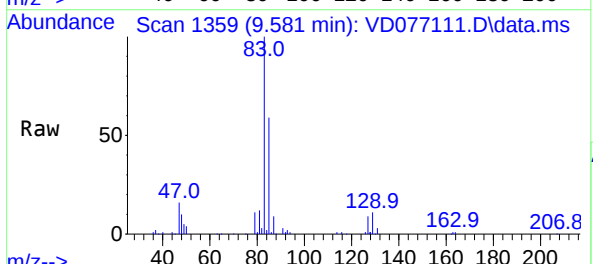
Instrument :
MSVOA_D
ClientSampleId :

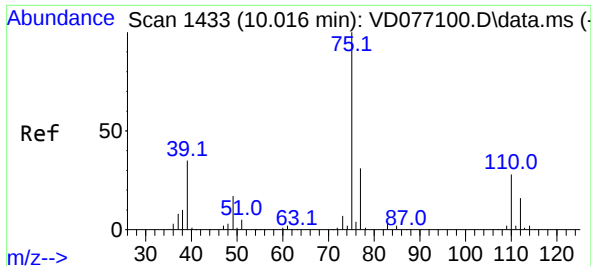
Tgt Ion: 63 Resp: 95651
Ion Ratio Lower Upper
63 100
112 5.3 4.0 6.0



#38
Bromodichloromethane
Concen: 22.678 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

Tgt Ion: 83 Resp: 135317
Ion Ratio Lower Upper
83 100
85 59.4 44.0 81.6
127 9.3 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 21.907 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD077111.D

Acq: 13 Sep 2023 18:09

Instrument :

MSVOA_D

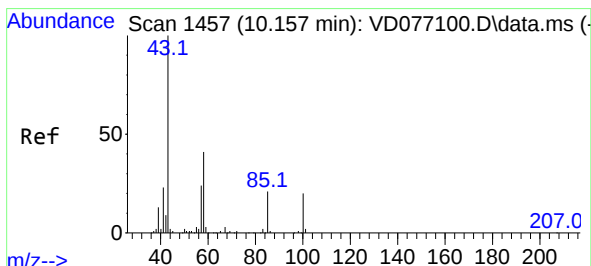
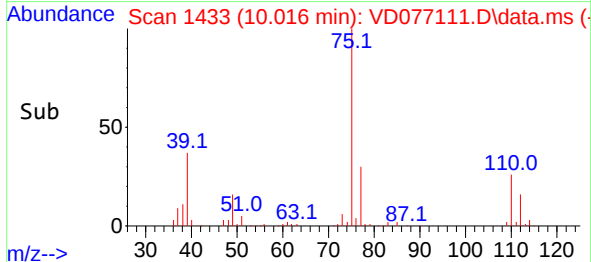
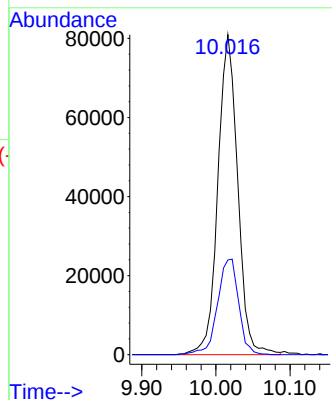
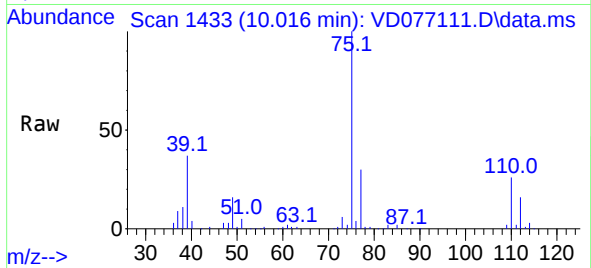
ClientSampleId :

Tgt Ion: 75 Resp: 150639

Ion Ratio Lower Upper

75 100

77 29.6 23.2 43.2



#40

4-Methyl-2-pentanone

Concen: 45.600 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD077111.D

Acq: 13 Sep 2023 18:09

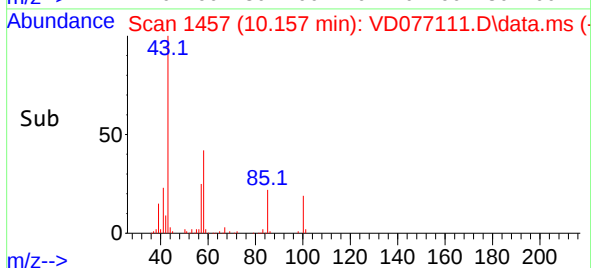
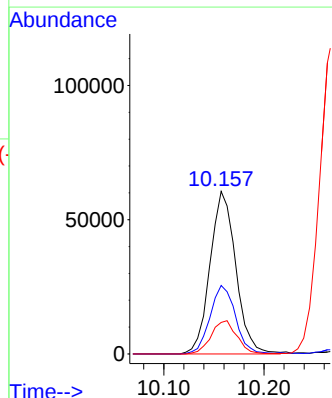
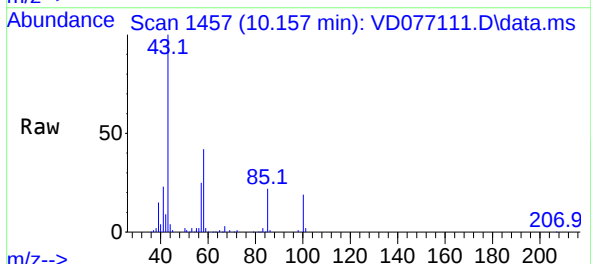
Tgt Ion: 43 Resp: 108392

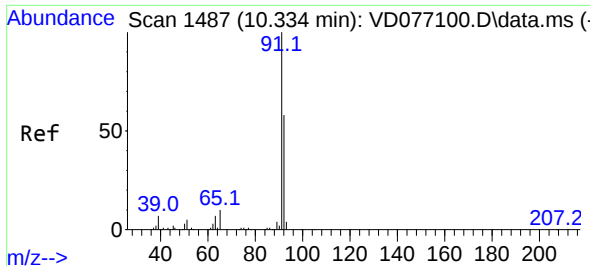
Ion Ratio Lower Upper

43 100

58 41.5 34.6 51.8

100 20.5 16.2 24.4

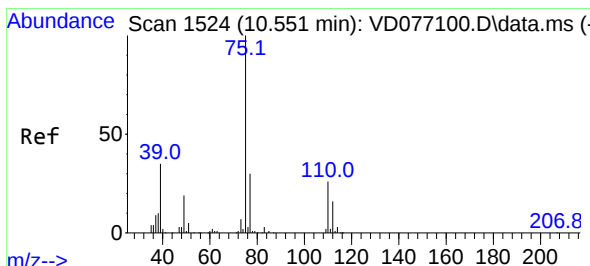
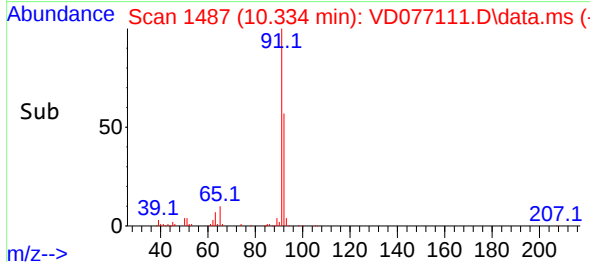
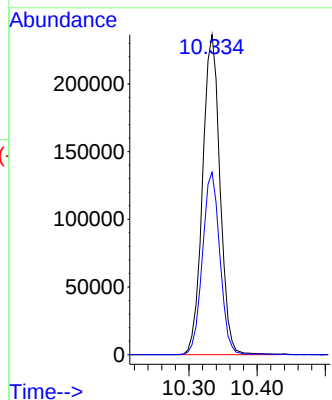
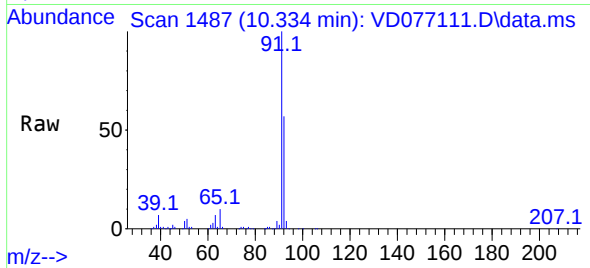




#42
Toluene
Concen: 22.644 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

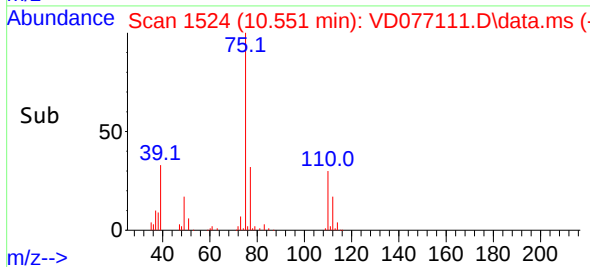
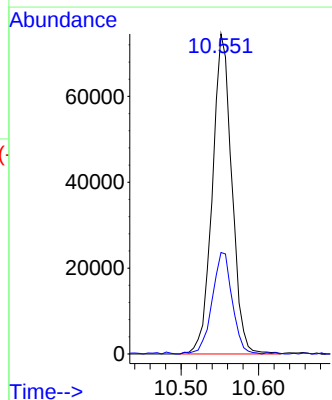
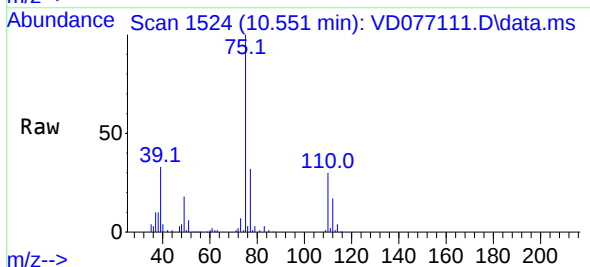
Instrument :
MSVOA_D
ClientSampleId :

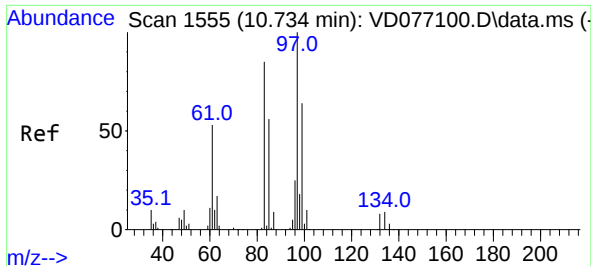
Tgt Ion: 91 Resp: 420567
Ion Ratio Lower Upper
91 100
92 57.0 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 22.154 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

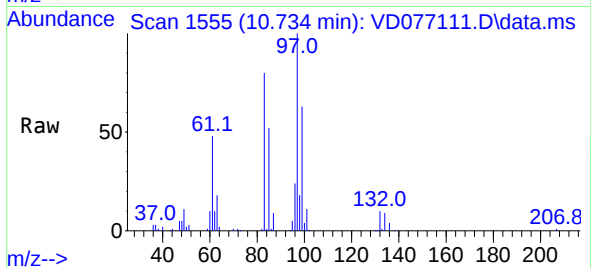
Tgt Ion: 75 Resp: 130239
Ion Ratio Lower Upper
75 100
77 31.7 22.5 41.9





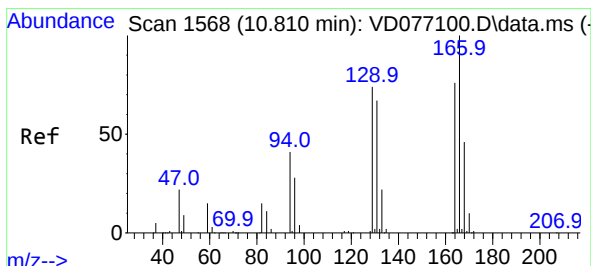
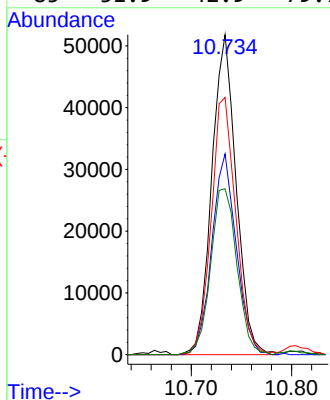
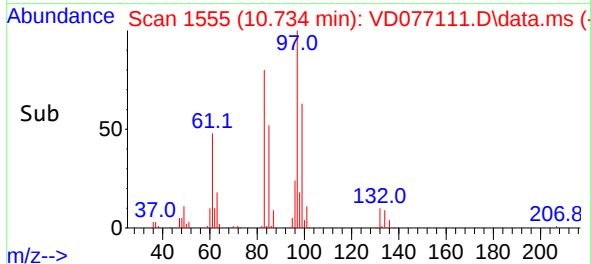
#45
1,1,2-Trichloroethane
Concen: 23.932 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

Instrument :
MSVOA_D
ClientSampleId :

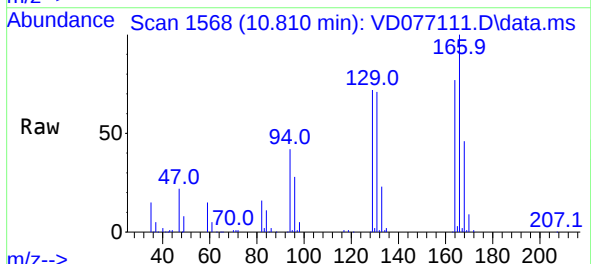


Tgt Ion: 97 Resp: 87589

Ion	Ratio	Lower	Upper
97	100		
99	62.8	46.1	85.5
83	80.4	64.3	119.3
85	51.9	42.9	79.7

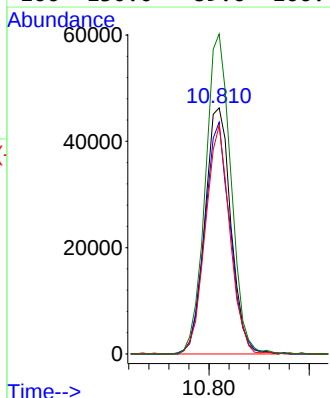
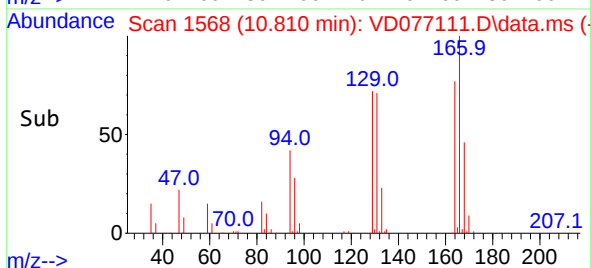


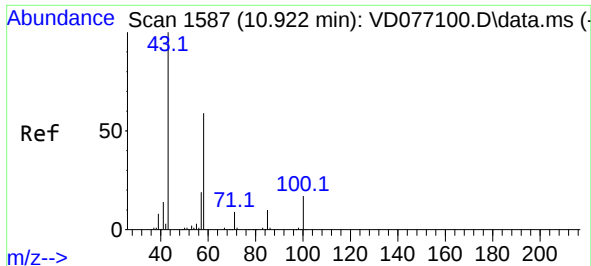
#46
Tetrachloroethene
Concen: 22.431 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09



Tgt Ion: 164 Resp: 83376

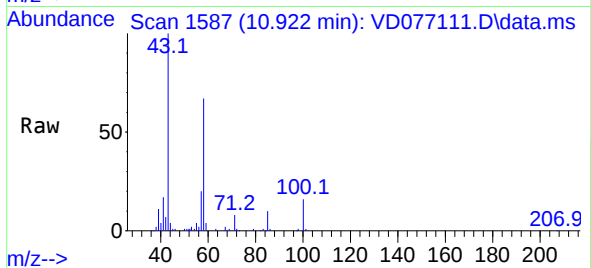
Ion	Ratio	Lower	Upper
164	100		
129	94.1	66.4	123.4
131	92.8	62.6	116.3
166	130.0	89.6	166.4





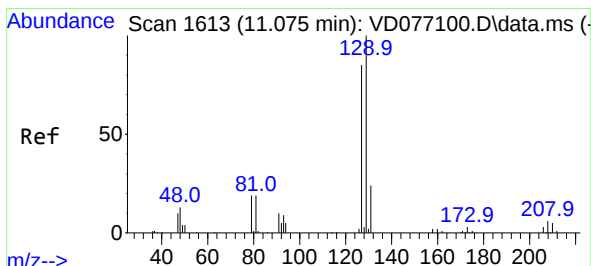
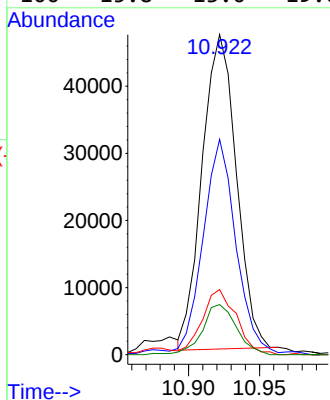
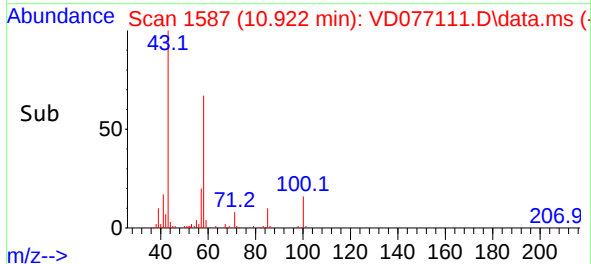
#48
2-Hexanone
Concen: 42.899 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 43 Resp: 78638

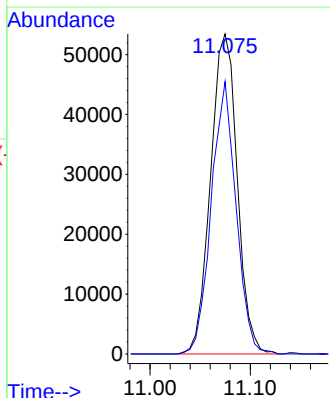
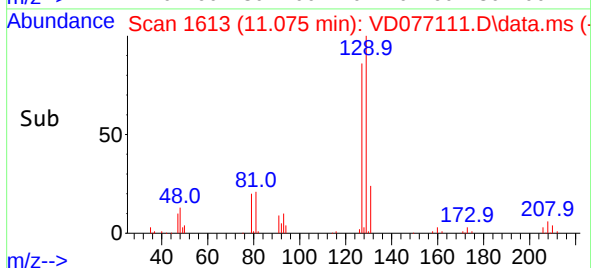
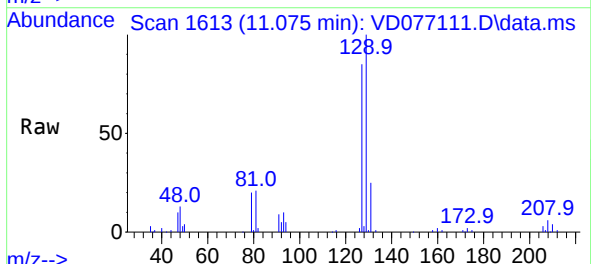
Ion	Ratio	Lower	Upper
43	100		
58	65.7	50.6	75.8
57	20.6	16.6	24.8
100	15.8	13.0	19.6

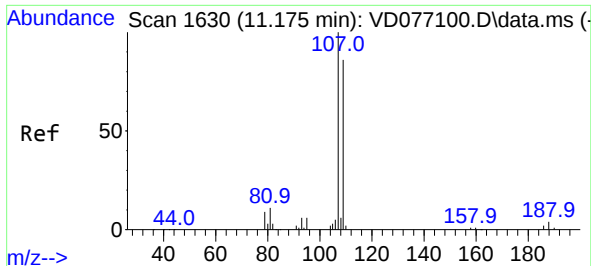


#49
Dibromochloromethane
Concen: 23.134 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

Tgt Ion: 129 Resp: 98891

Ion	Ratio	Lower	Upper
129	100		
127	85.1	56.6	105.2

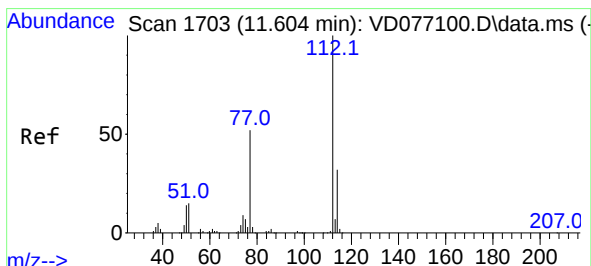
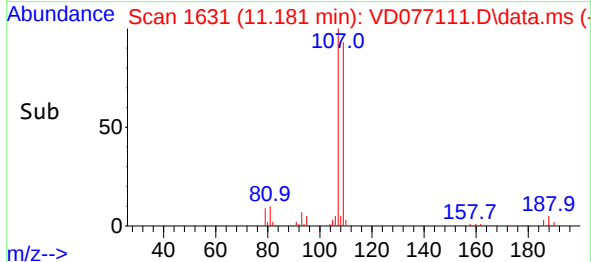
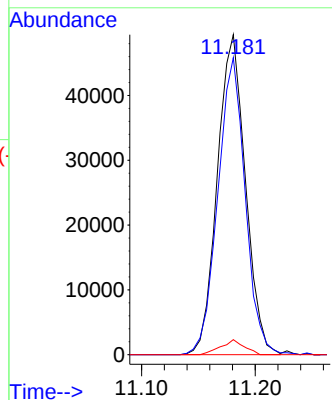
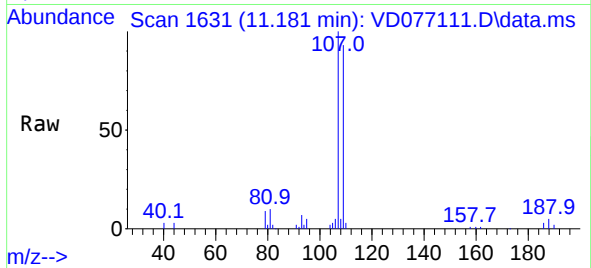




#50
1,2-Dibromoethane
Concen: 23.429 ug/L
RT: 11.181 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

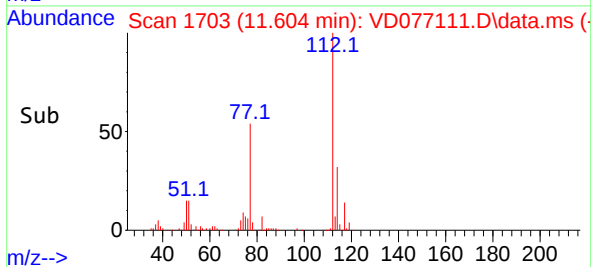
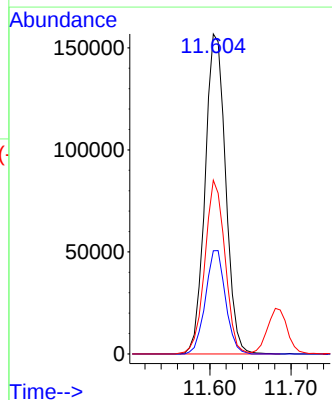
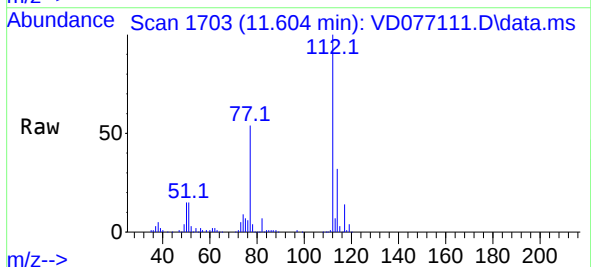
Instrument :
MSVOA_D
ClientSampleId :

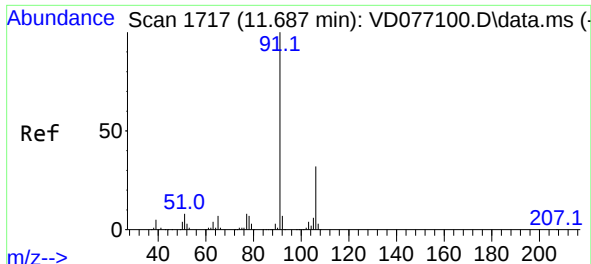
Tgt Ion:107 Resp: 84712
Ion Ratio Lower Upper
107 100
109 92.8 62.4 116.0
188 4.7 3.0 4.4#



#51
Chlorobenzene
Concen: 22.105 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

Tgt Ion:112 Resp: 274525
Ion Ratio Lower Upper
112 100
114 32.2 21.0 39.0
77 54.3 41.0 61.4

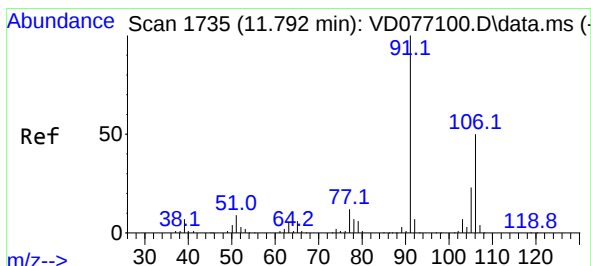
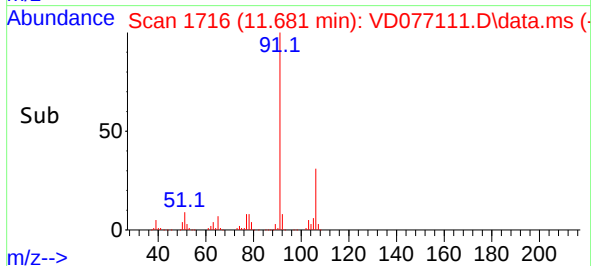
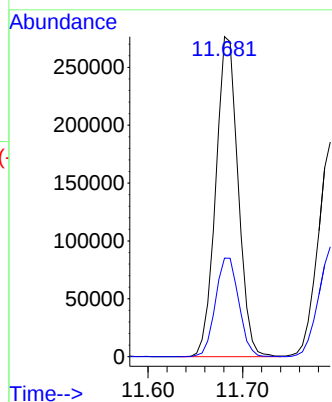
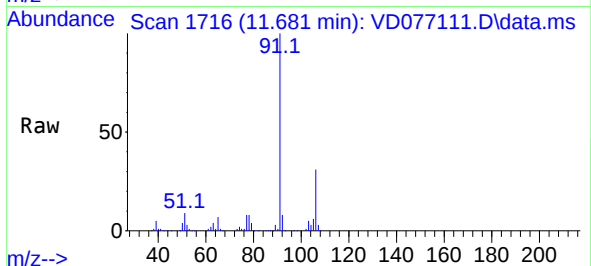




#52
Ethylbenzene
Concen: 22.560 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

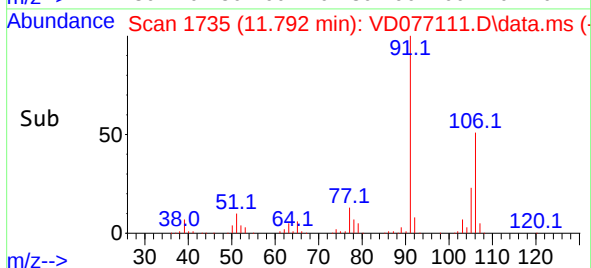
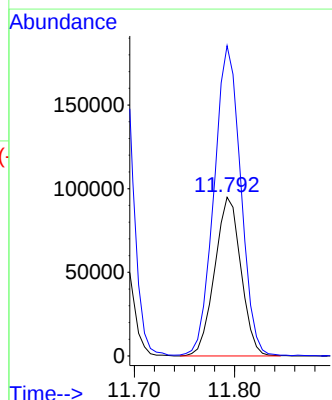
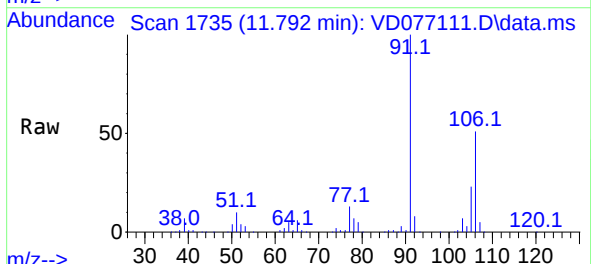
Instrument :
MSVOA_D
ClientSampleId :

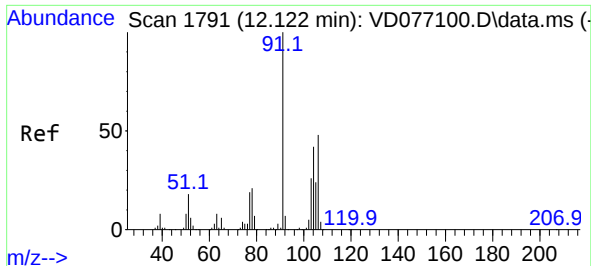
Tgt Ion: 91 Resp: 453452
Ion Ratio Lower Upper
91 100
106 30.8 22.1 41.1



#53
m,p-Xylene
Concen: 22.238 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

Tgt Ion:106 Resp: 172597
Ion Ratio Lower Upper
106 100
91 195.4 138.2 256.6

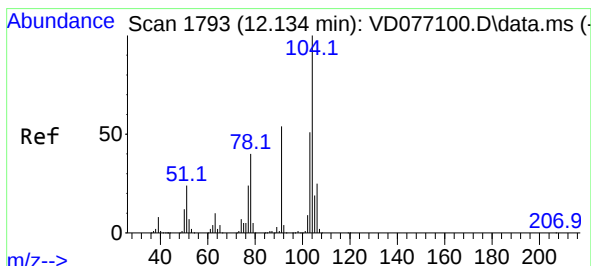
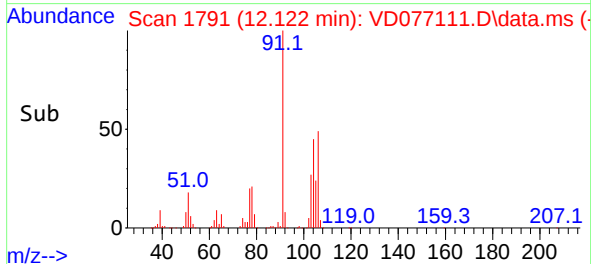
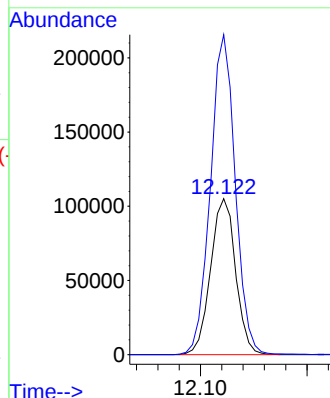
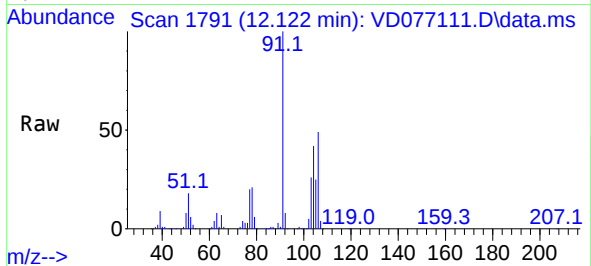




#54
o-Xylene
Concen: 22.874 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

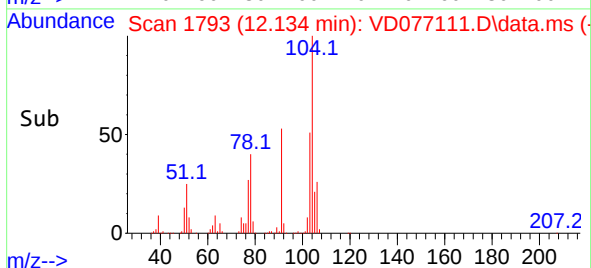
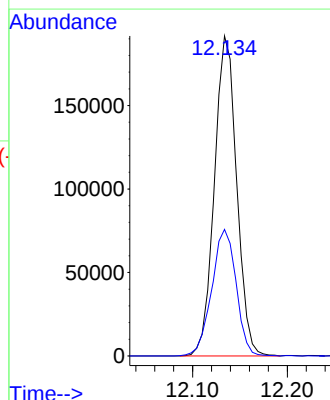
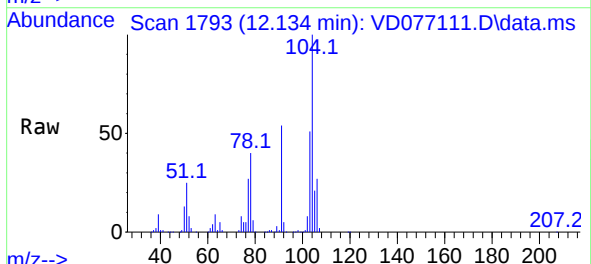
Instrument :
MSVOA_D
ClientSampleId :

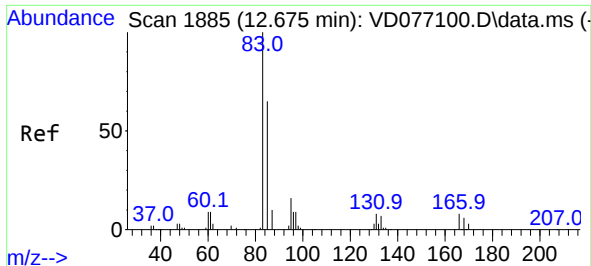
Tgt Ion:106 Resp: 171366
Ion Ratio Lower Upper
106 100
91 205.1 146.9 272.7



#55
Styrene
Concen: 23.396 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

Tgt Ion:104 Resp: 313245
Ion Ratio Lower Upper
104 100
78 39.6 27.8 51.6

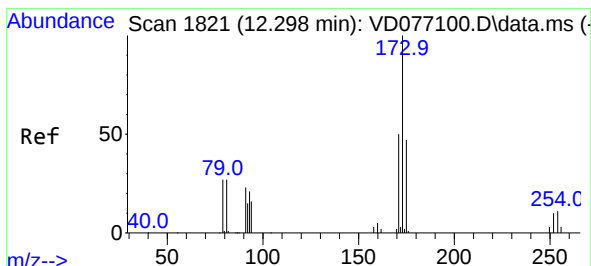
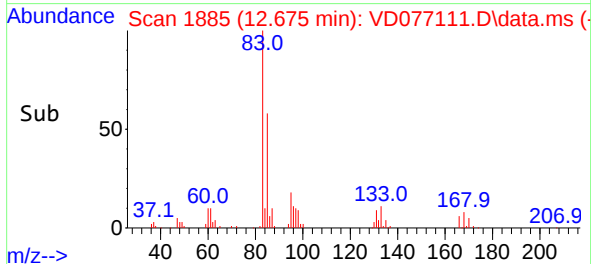
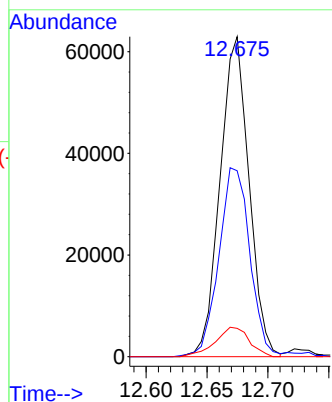
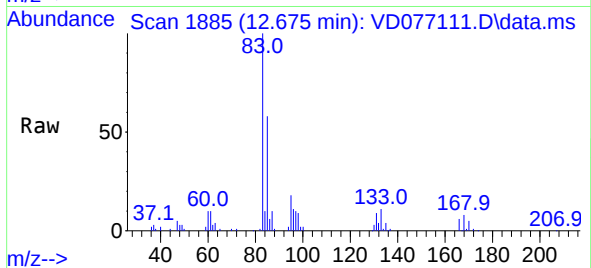




#57
1,1,2,2-Tetrachloroethane
Concen: 24.205 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

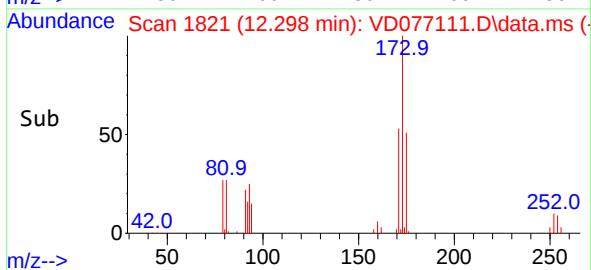
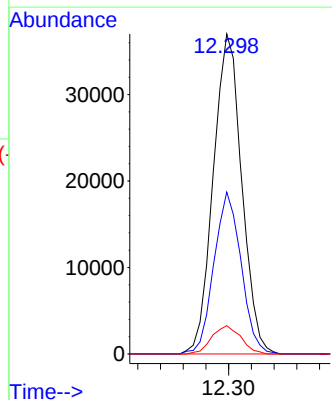
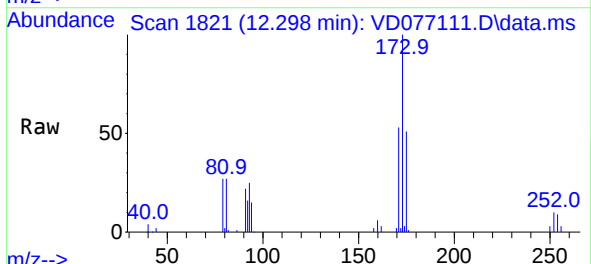
Instrument :
MSVOA_D
ClientSampleId :

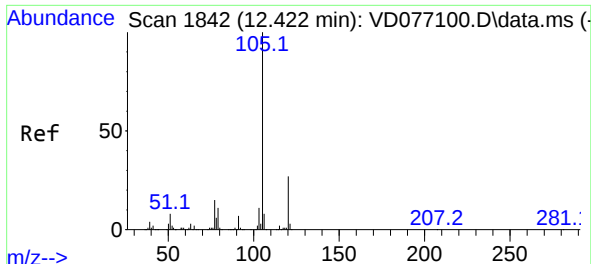
Tgt Ion: 83 Resp: 104192
Ion Ratio Lower Upper
83 100
85 58.1 43.6 81.0
131 8.8 7.8 11.8



#59
Bromoform
Concen: 22.253 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

Tgt Ion: 173 Resp: 64393
Ion Ratio Lower Upper
173 100
175 48.3 38.7 58.1
254 9.0 7.0 10.6

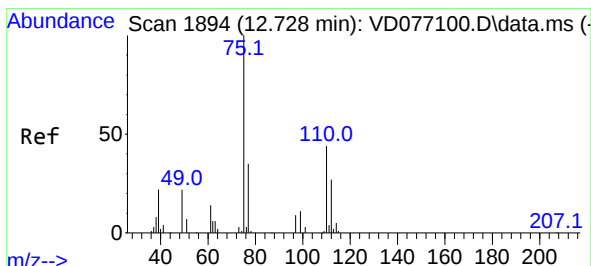
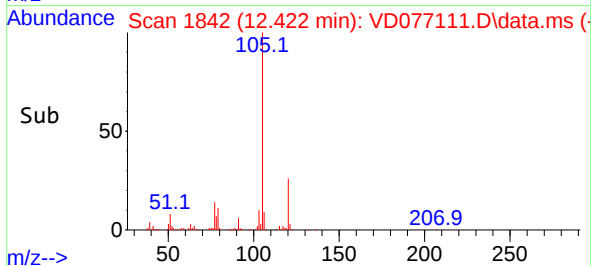
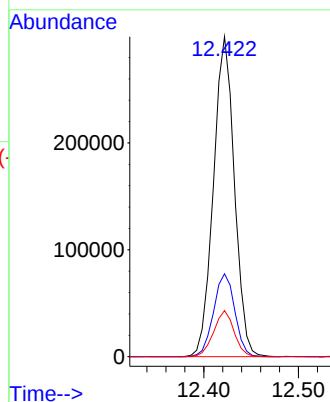
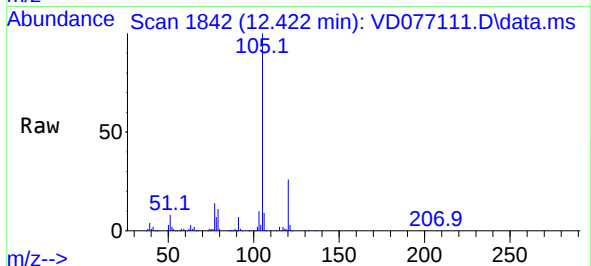




#60
Isopropylbenzene
Concen: 22.261 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

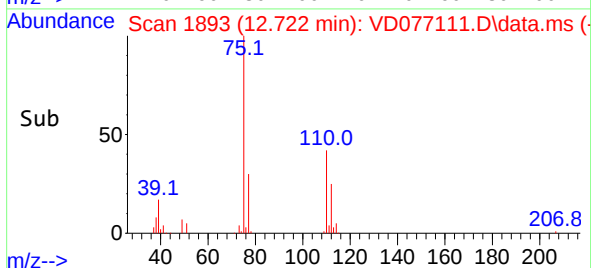
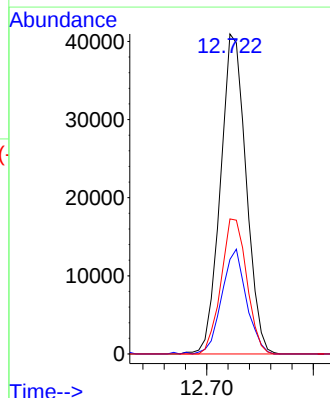
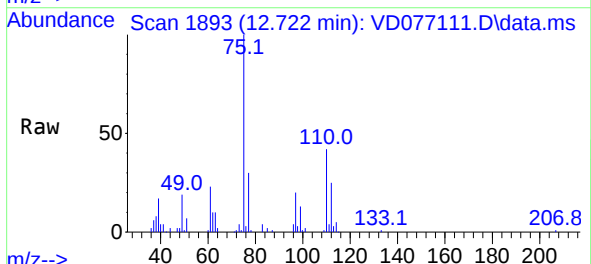
Instrument :
MSVOA_D
ClientSampleId :

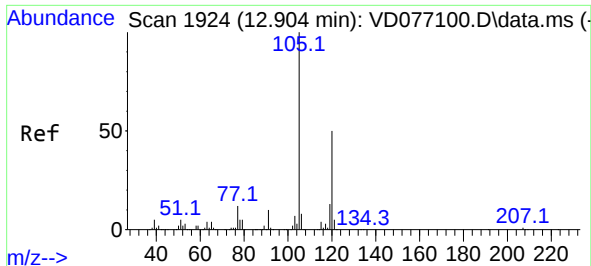
Tgt Ion:105 Resp: 460341
Ion Ratio Lower Upper
105 100
120 26.3 21.8 32.6
77 14.1 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 22.357 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

Tgt Ion: 75 Resp: 68469
Ion Ratio Lower Upper
75 100
77 31.4 26.6 40.0
110 42.3 33.6 50.4

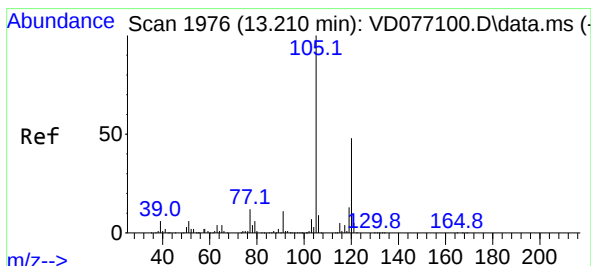
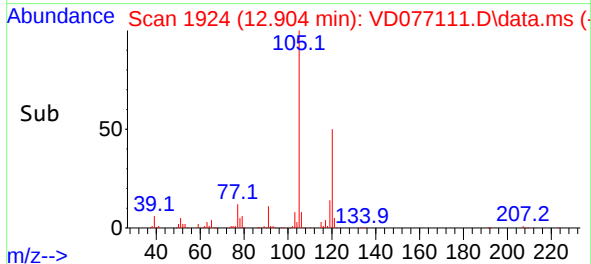
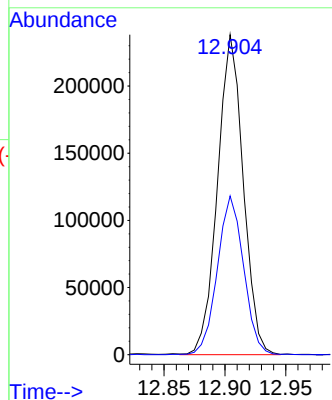
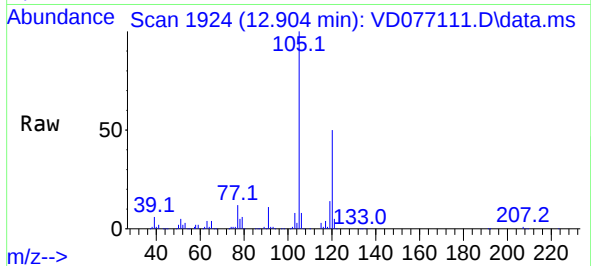




#62
1,3,5-Trimethylbenzene
Concen: 21.882 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

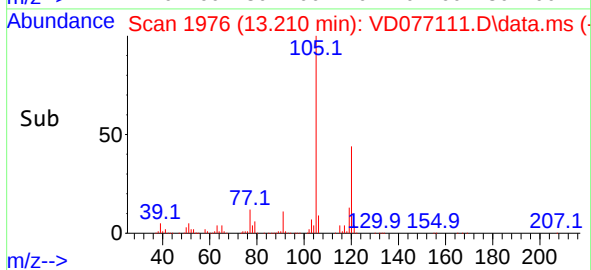
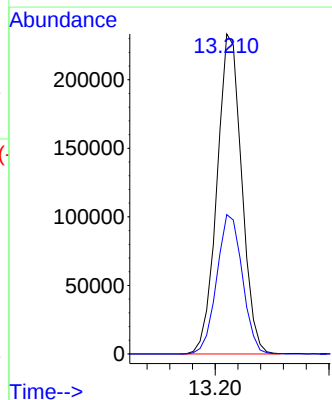
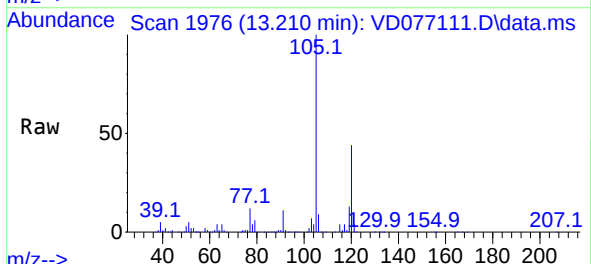
Instrument :
MSVOA_D
ClientSampleId :

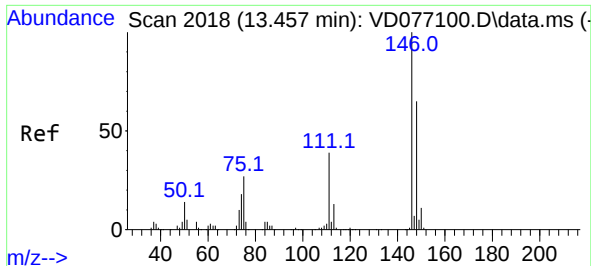
Tgt Ion:105 Resp: 349982
Ion Ratio Lower Upper
105 100
120 50.3 40.2 60.2



#63
1,2,4-Trimethylbenzene
Concen: 22.490 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

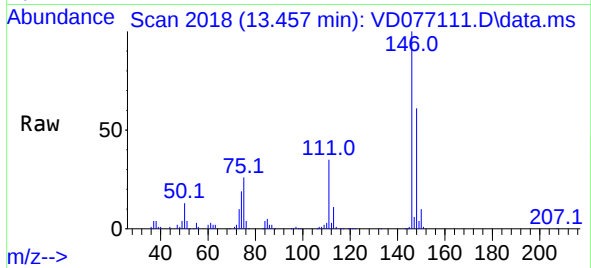
Tgt Ion:105 Resp: 352413
Ion Ratio Lower Upper
105 100
120 45.1 37.8 56.8



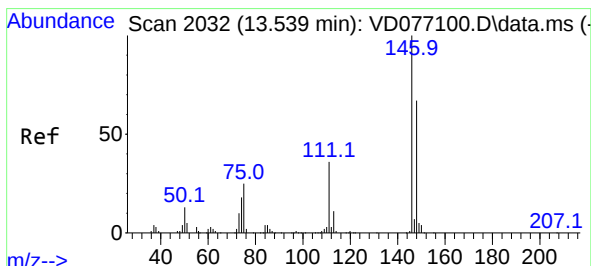
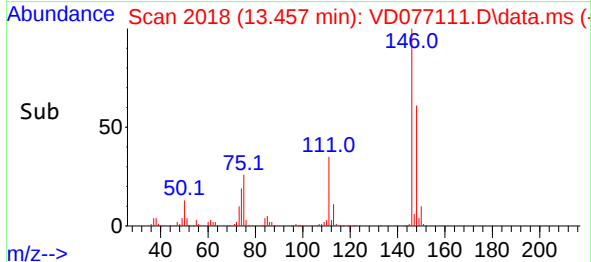
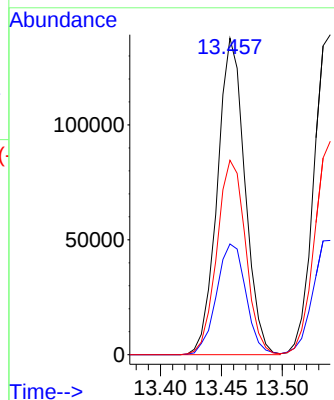


#64
1,3-Dichlorobenzene
Concen: 21.997 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

Instrument :
MSVOA_D
ClientSampleId :

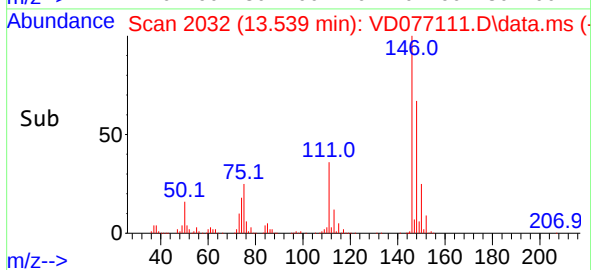
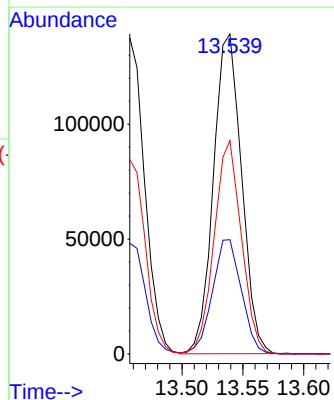
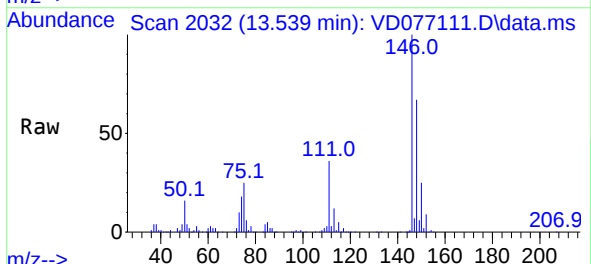


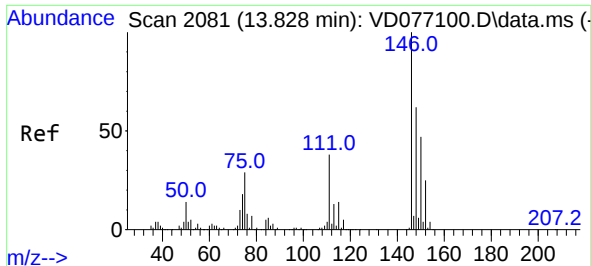
Tgt Ion:146 Resp: 216719
Ion Ratio Lower Upper
146 100
111 35.0 25.2 46.8
148 61.4 42.7 79.3



#65
1,4-Dichlorobenzene
Concen: 21.744 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

Tgt Ion:146 Resp: 223791
Ion Ratio Lower Upper
146 100
111 35.7 25.5 47.3
148 66.7 45.5 84.5

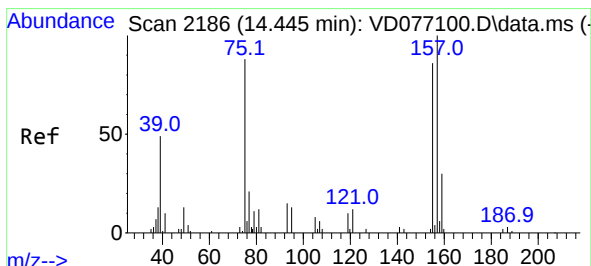
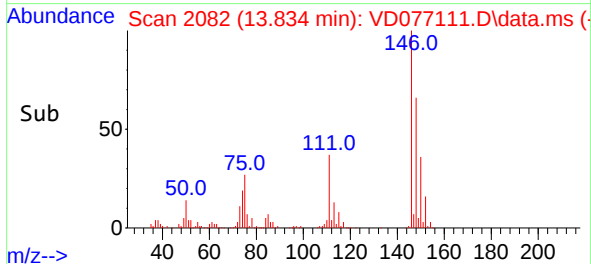
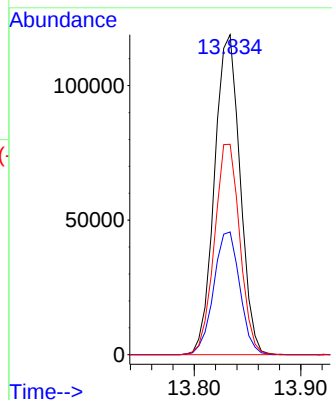
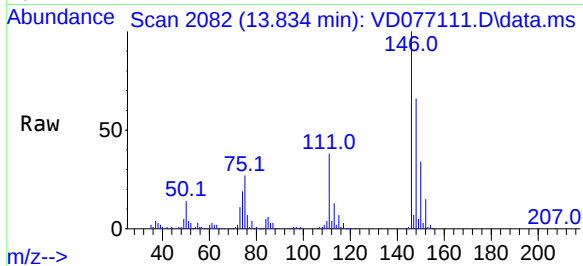




#67
1,2-Dichlorobenzene
Concen: 21.838 ug/L
RT: 13.834 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

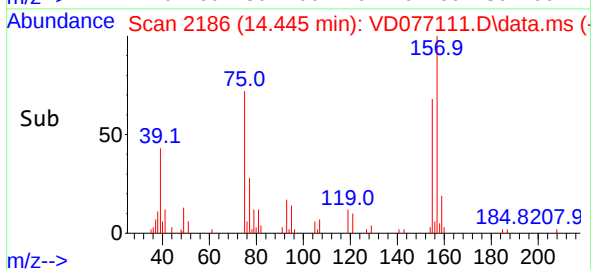
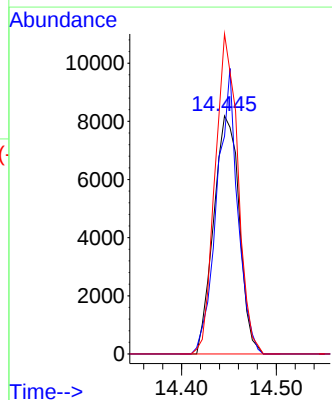
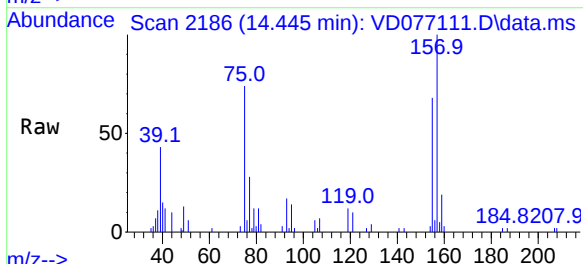
Instrument :
MSVOA_D
ClientSampleId :

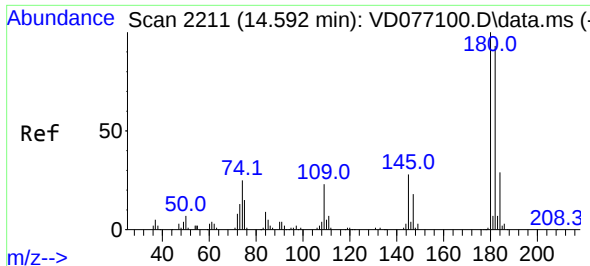
Tgt Ion:146 Resp: 197881
Ion Ratio Lower Upper
146 100
111 38.3 31.8 47.6
148 65.7 53.0 79.4



#68
1,2-Dibromo-3-chloropropane
Concen: 24.014 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

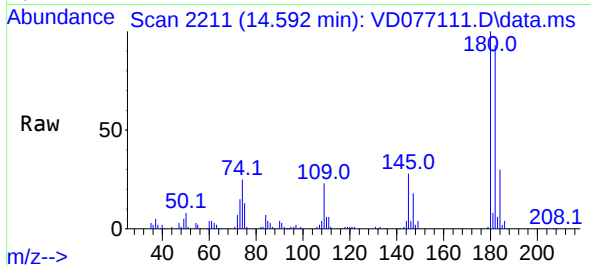
Tgt Ion: 75 Resp: 15381
Ion Ratio Lower Upper
75 100
155 91.4 79.0 118.6
157 134.4 100.2 150.4



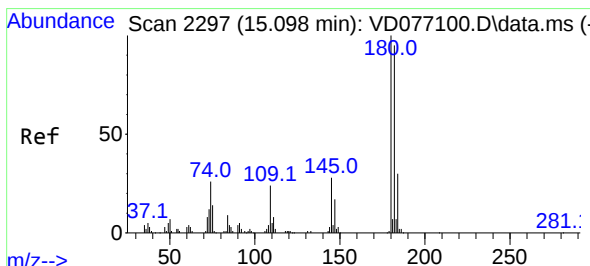
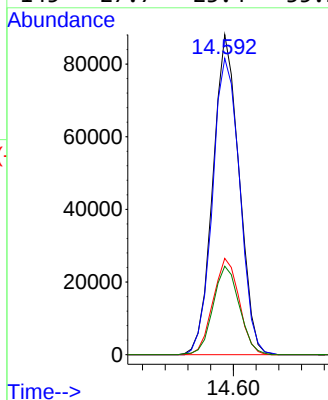
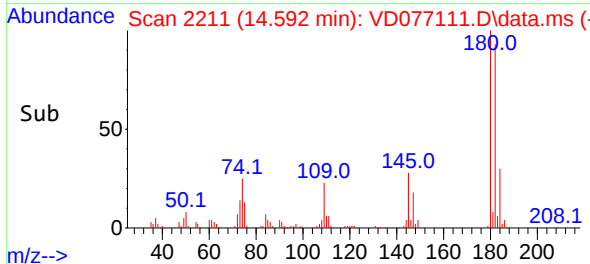


#69
 1,3,5-Trichlorobenzene
 Concen: 21.784 ug/L
 RT: 14.592 min Scan# 2111
 Delta R.T. -0.000 min
 Lab File: VD077111.D
 Acq: 13 Sep 2023 18:09

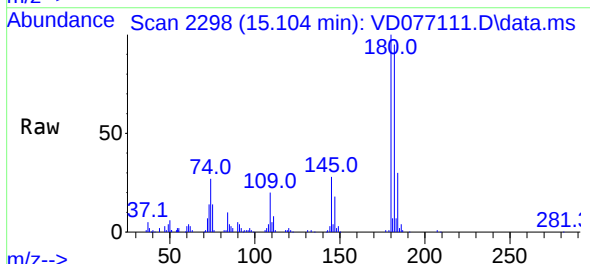
Instrument :
 MSVOA_D
 ClientSampleId :



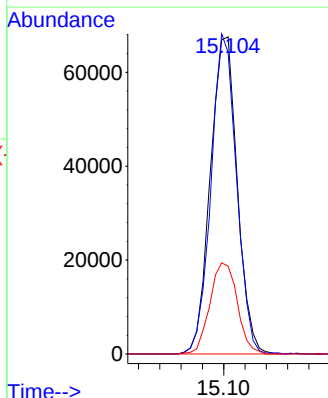
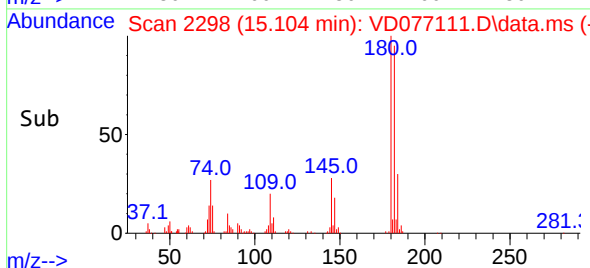
Tgt Ion:180 Resp: 141433
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.0 115.4
 184 29.9 24.2 36.2
 145 27.7 23.4 35.2

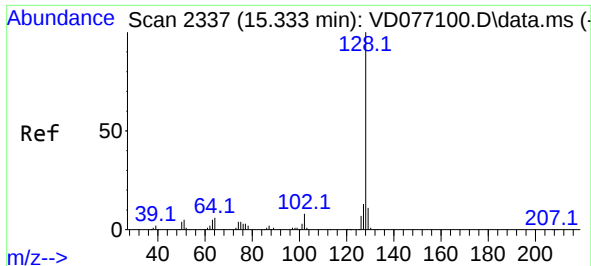


#70
 1,2,4-trichlorobenzene
 Concen: 21.300 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.006 min
 Lab File: VD077111.D
 Acq: 13 Sep 2023 18:09



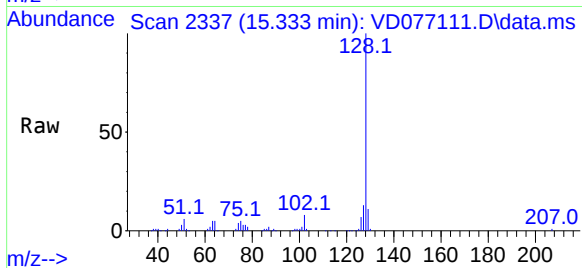
Tgt Ion:180 Resp: 118360
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.3 114.5
 145 29.2 23.8 35.8



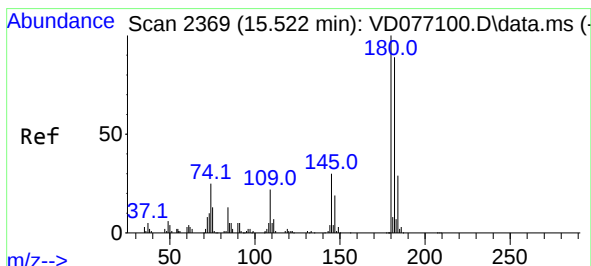
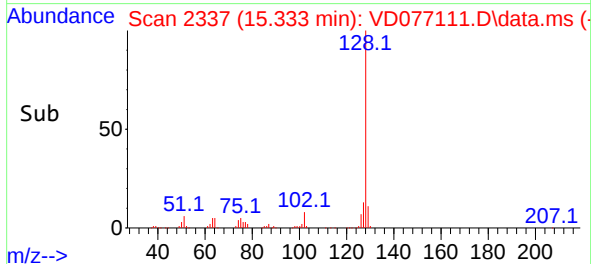
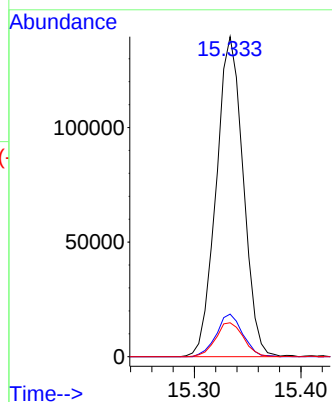


#71
Naphthalene
Concen: 22.114 ug/L
RT: 15.333 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 245648
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 22.008 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077111.D
Acq: 13 Sep 2023 18:09

Tgt Ion:180 Resp: 112320
Ion Ratio Lower Upper
180 100
182 96.4 76.6 115.0
145 29.7 25.4 38.2

