

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
 Data File : VD078297.D
 Acq On : 31 Jan 2024 18:08
 Operator : RP/MD
 Sample : VSTD050
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 01 04:01:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 01 03:57:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	222565	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	220728	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	107137	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	299358	47.664	ug/L	0.00
7) Chloroethane-d5	2.799	69	243793	48.425	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.910	65	65086	41.047	ug/L	0.00
21) 2-Butanone-d5	6.987	46	89768	110.484	ug/L	0.00
24) Chloroform-d	7.569	84	304321	49.260	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	164284	52.193	ug/L	0.00
32) Benzene-d6	8.204	84	616090	45.717	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	187212	45.660	ug/L	0.00
41) Toluene-d8	10.269	98	574418	46.556	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	88884	48.483	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	83746	111.834	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	174468	55.371	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	183926	47.167	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	227715	60.230	ug/L	96
3) Chloromethane	2.152	50	335103	61.500	ug/L	100
5) Vinyl chloride	2.281	62	417470	62.041	ug/L	98
6) Bromomethane	2.687	94	203268	58.771	ug/L	100
8) Chloroethane	2.834	64	258110	61.107	ug/L	98
9) Trichlorofluoromethane	3.169	101	297947	53.198	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	183882	55.688	ug/L	98
12) 1,1-Dichloroethene	3.940	96	176080	56.466	ug/L	98
13) Acetone	4.022	43	136808	127.695	ug/L	99
14) Carbon disulfide	4.269	76	620483	56.034	ug/L	98
15) Methyl Acetate	4.563	43	93238	61.528	ug/L #	76
16) Methylene chloride	4.798	84	203252	49.402	ug/L	99
17) trans-1,2-Dichloroethene	5.316	96	192441	58.332	ug/L	91
18) Methyl tert-butyl Ether	5.322	73	461005	62.561	ug/L	99
19) 1,1-Dichloroethane	6.110	63	326837	53.438	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	214382	58.479	ug/L	94
22) 2-Butanone	7.081	43	171742	140.975	ug/L	98
23) Bromochloromethane	7.422	128	94295	60.408	ug/L	94
25) Chloroform	7.598	83	356301	58.111	ug/L	97
27) 1,2-Dichloroethane	8.328	62	231030	59.934	ug/L	100
29) Cyclohexane	7.881	56	278412	48.200	ug/L	97
30) 1,1,1-Trichloroethane	7.792	97	283209	51.273	ug/L	99
31) Carbon tetrachloride	7.992	117	246834	51.142	ug/L	99
33) Benzene	8.251	78	798364	53.856	ug/L	100
34) Trichloroethene	9.028	95	195468	53.350	ug/L	94
35) Methylcyclohexane	9.275	83	326983	51.424	ug/L	98
37) 1,2-Dichloropropane	9.304	63	207971	54.098	ug/L	100
38) Bromodichloromethane	9.586	83	265150	55.601	ug/L #	96
39) cis-1,3-Dichloropropene	10.016	75	340290	56.377	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	269790	121.080	ug/L	99
42) Toluene	10.333	91	855108	54.604	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	288624	56.559	ug/L	97

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 QLast Update : Thu Feb 01 03:57:47 2024
 Response via : Initial Calibration

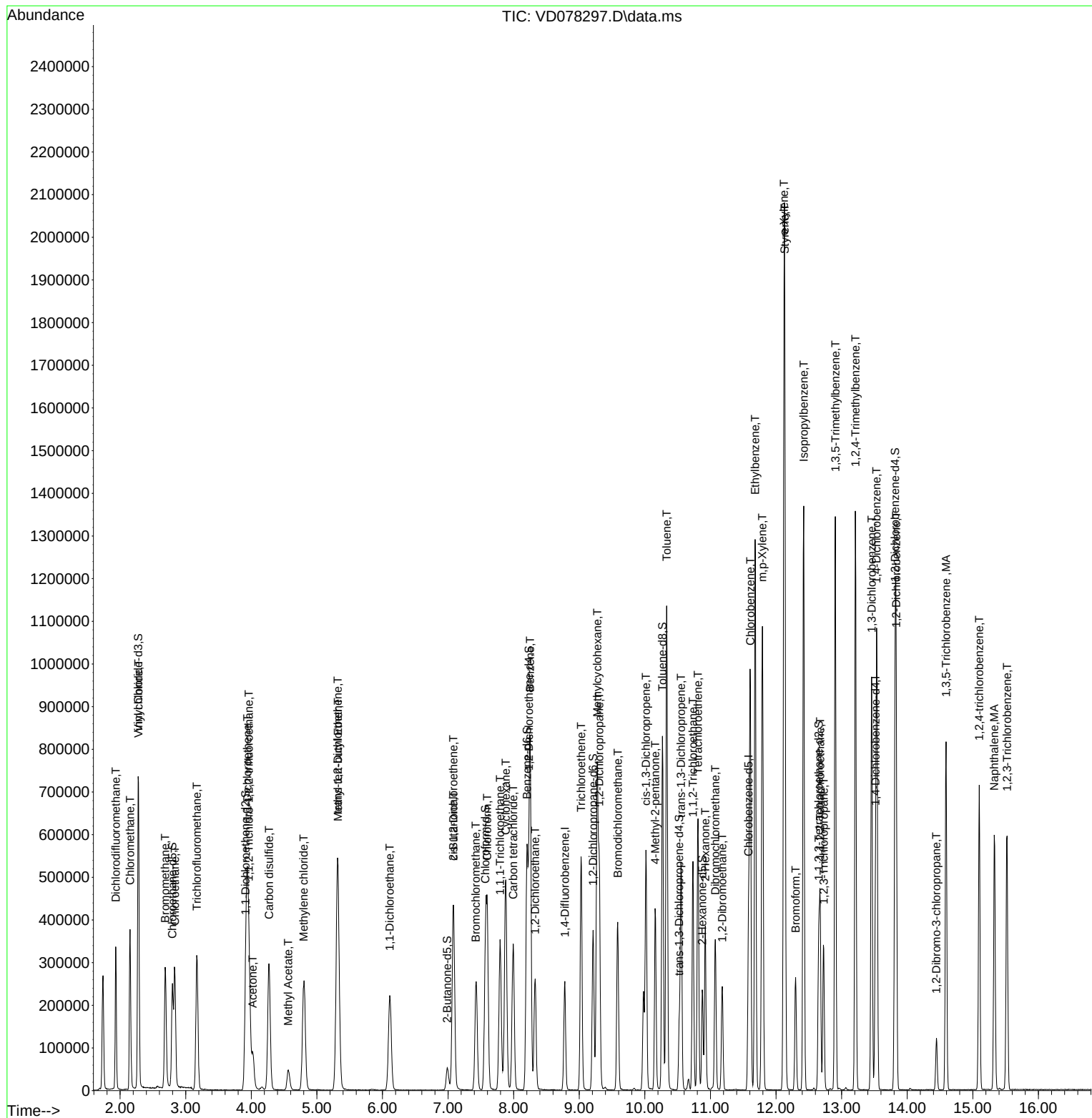
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.733	97	167503	61.644	ug/L	96
46) Tetrachloroethene	10.810	164	135062	47.242	ug/L	96
48) 2-Hexanone	10.922	43	232497	124.130	ug/L	97
49) Dibromochloromethane	11.075	129	183783	57.695	ug/L	94
50) 1,2-Dibromoethane	11.180	107	163481	62.264	ug/L #	97
51) Chlorobenzene	11.610	112	533160	54.693	ug/L	100
52) Ethylbenzene	11.680	91	912672	52.924	ug/L	99
53) m,p-Xylene	11.792	106	347130	53.293	ug/L	92
54) o-Xylene	12.122	106	346429	55.469	ug/L	98
55) Styrene	12.133	104	639896	58.163	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	209944	63.988	ug/L	96
59) Bromoform	12.298	173	113490	60.243	ug/L	97
60) Isopropylbenzene	12.422	105	890140	54.575	ug/L	99
61) 1,2,3-Trichloropropane	12.727	75	137034	62.505	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	708920	57.565	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	713508	57.164	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	381345	53.889	ug/L	97
65) 1,4-Dichlorobenzene	13.533	146	390372	52.823	ug/L	99
67) 1,2-Dichlorobenzene	13.833	146	364273	56.519	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	30148	59.966	ug/L	97
69) 1,3,5-Trichlorobenzene	14.592	180	239773	50.617	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	207500	51.508	ug/L	99
71) Naphthalene	15.327	128	510045	65.177	ug/L	99
72) 1,2,3-Trichlorobenzene	15.521	180	190456	53.003	ug/L	98

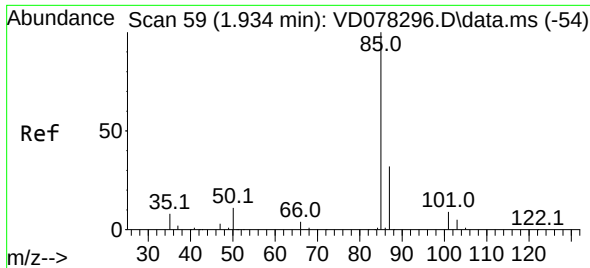
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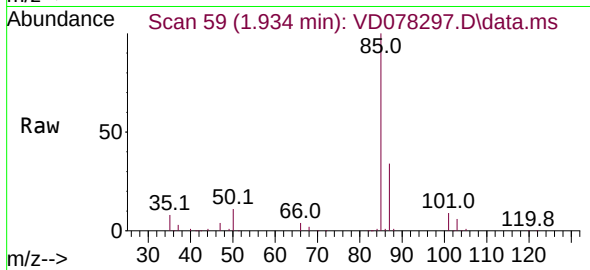
Quant Time: Feb 01 04:01:01 2024
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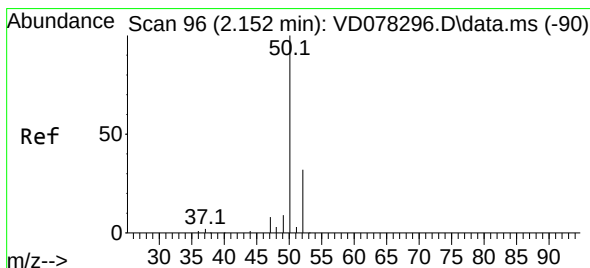
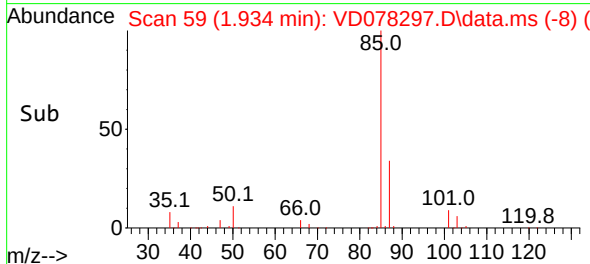
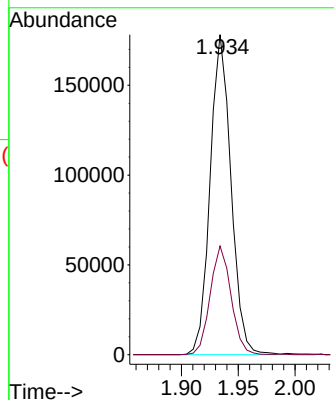


#2
 Dichlorodifluoromethane
 Concen: 60.230 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD078297.D
 Acq: 31 Jan 2024 18:08

Instrument :
 MSVOA_D
 ClientSampleId :

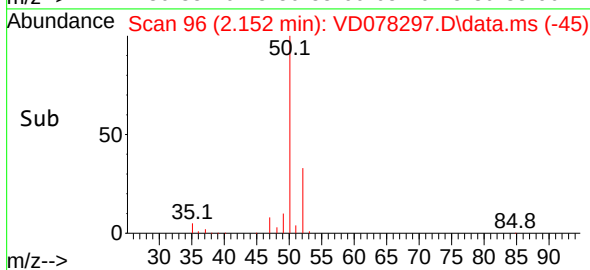
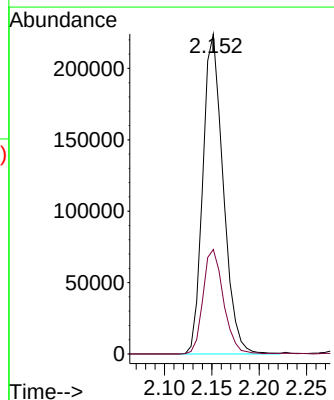
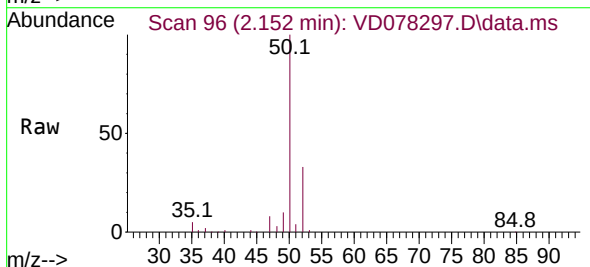


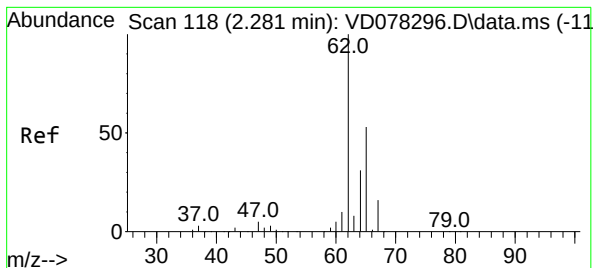
Tgt Ion: 85 Resp: 227715
 Ion Ratio Lower Upper
 85 100
 87 33.9 25.3 37.9



#3
 Chloromethane
 Concen: 61.500 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VD078297.D
 Acq: 31 Jan 2024 18:08

Tgt Ion: 50 Resp: 335103
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.7 42.3





#5

Vinyl chloride

Concen: 62.041 ug/L

RT: 2.281 min Scan# 118

Delta R.T. -0.000 min

Lab File: VD078297.D

Acq: 31 Jan 2024 18:08

Instrument :

MSVOA_D

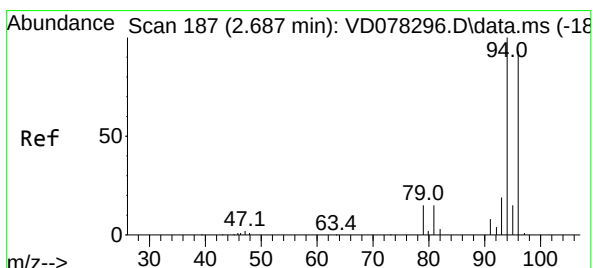
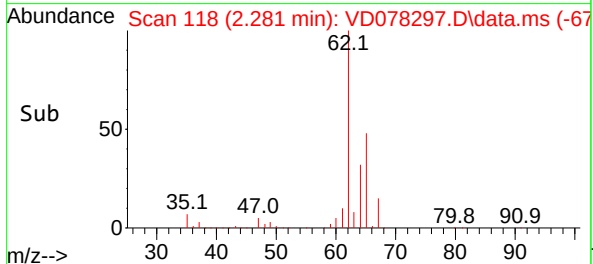
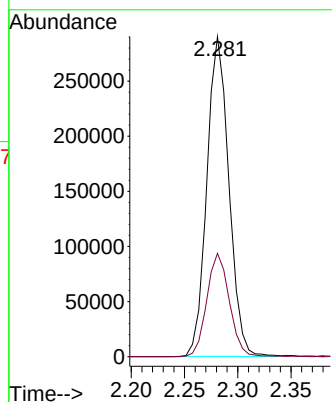
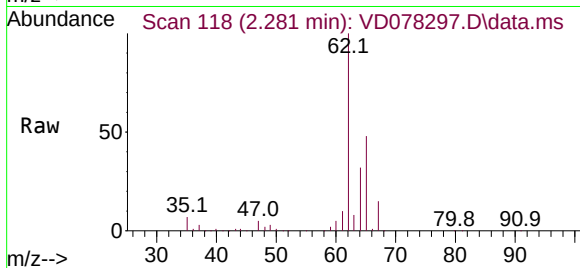
ClientSampleId :

Tgt Ion: 62 Resp: 417470

Ion Ratio Lower Upper

62 100

64 32.3 21.7 40.3



#6

Bromomethane

Concen: 58.771 ug/L

RT: 2.687 min Scan# 187

Delta R.T. -0.000 min

Lab File: VD078297.D

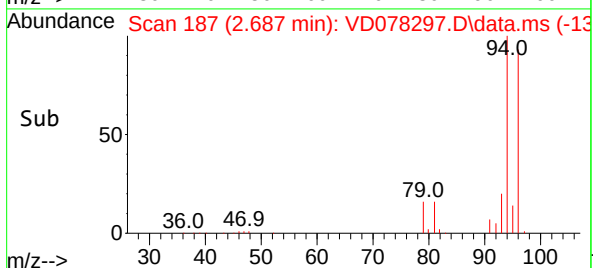
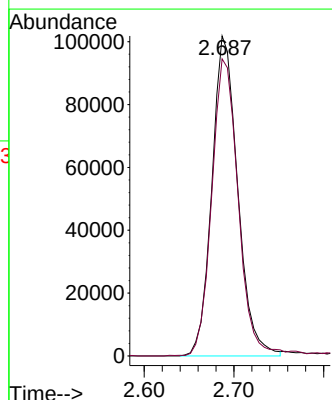
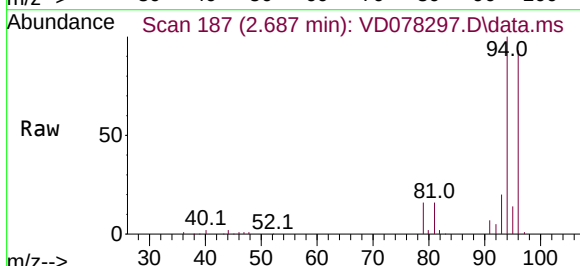
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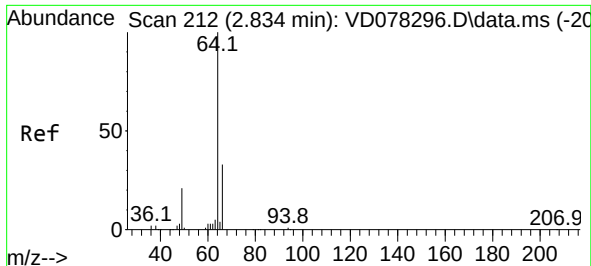
Tgt Ion: 94 Resp: 203268

Ion Ratio Lower Upper

94 100

96 92.8 64.8 120.4

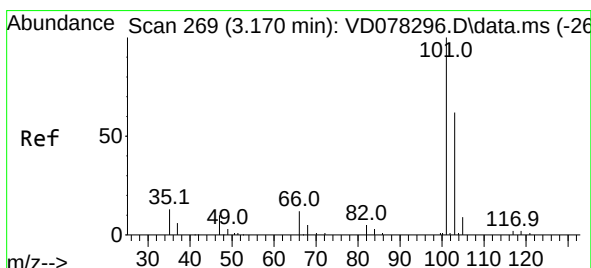
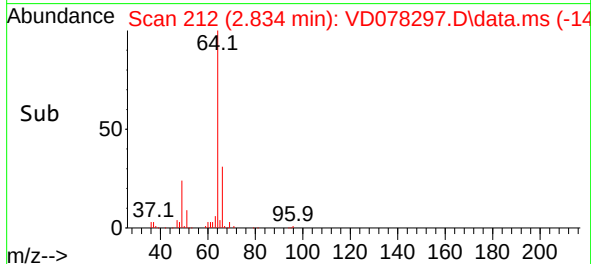
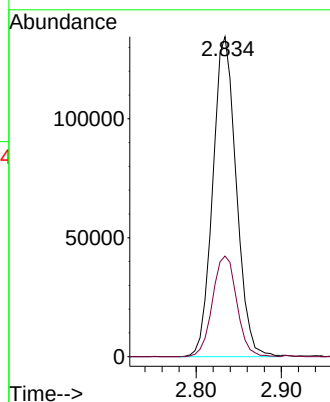
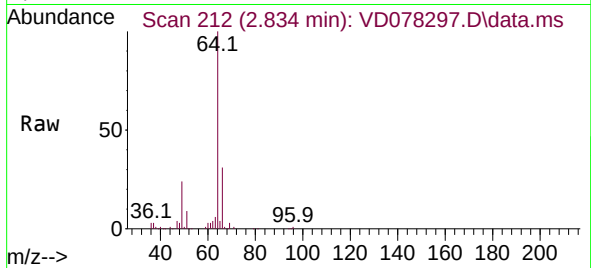




#8
Chloroethane
Concen: 61.107 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

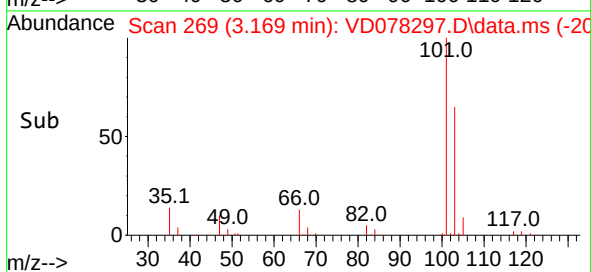
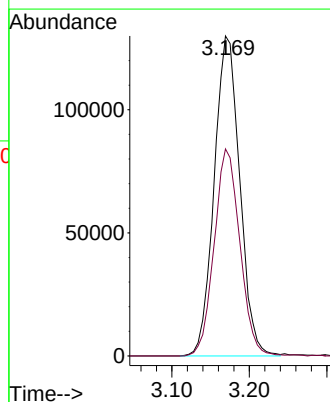
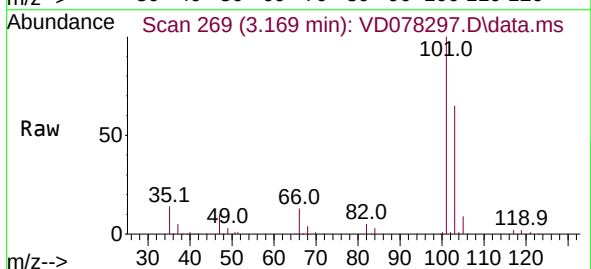
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MSVOA_D
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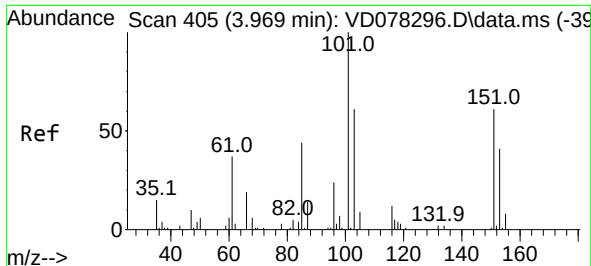
Tgt Ion: 64 Resp: 258110
Ion Ratio Lower Upper
64 100
66 31.4 22.8 42.4



#9
Trichlorofluoromethane
Concen: 53.198 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.000 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

Tgt Ion:101 Resp: 297947
Ion Ratio Lower Upper
101 100
103 64.9 51.1 76.7

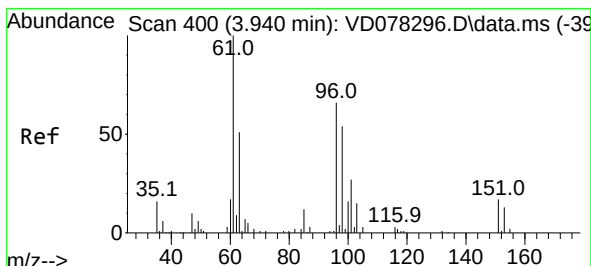
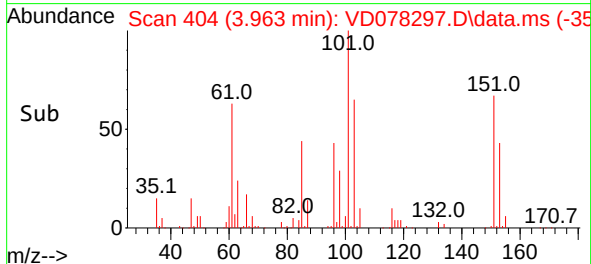
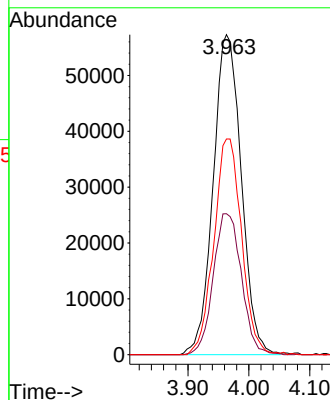
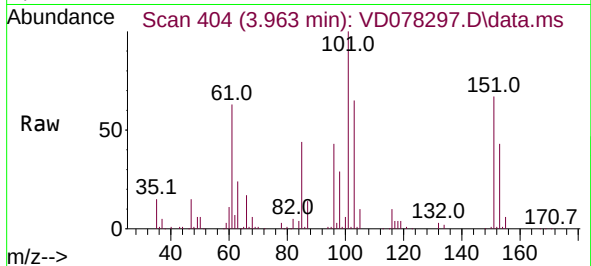




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 55.688 ug/L
 RT: 3.963 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VD078297.D
 Acq: 31 Jan 2024 18:08

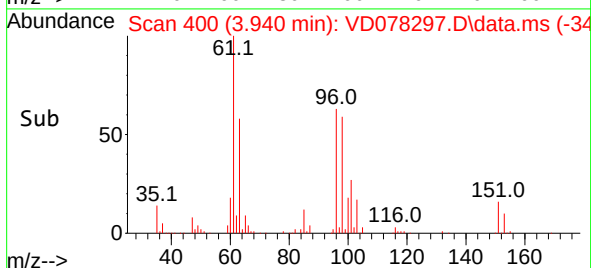
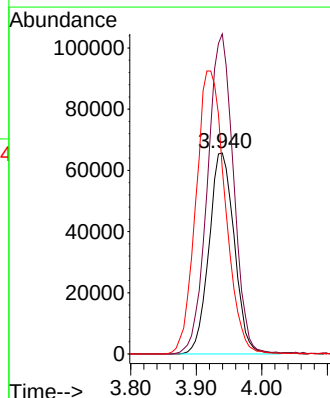
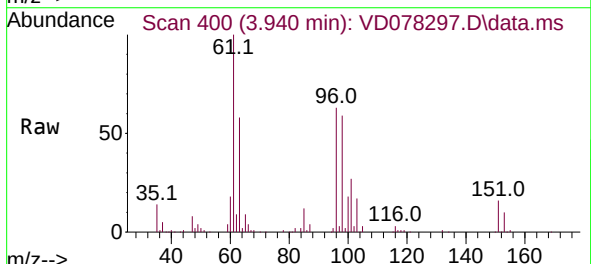
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 ClientSampleId :

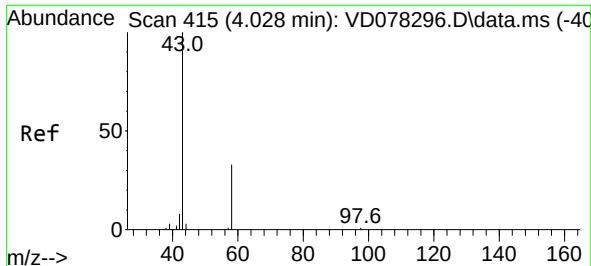
Tgt Ion:101 Resp: 183882
 Ion Ratio Lower Upper
 101 100
 85 44.0 34.6 51.8
 151 66.3 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 56.466 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VD078297.D
 Acq: 31 Jan 2024 18:08

Tgt Ion: 96 Resp: 176080
 Ion Ratio Lower Upper
 96 100
 61 159.2 108.8 202.2
 63 92.1 65.2 121.0

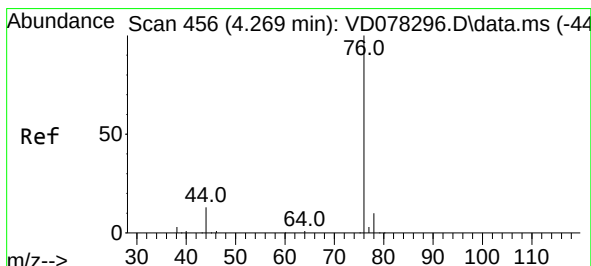
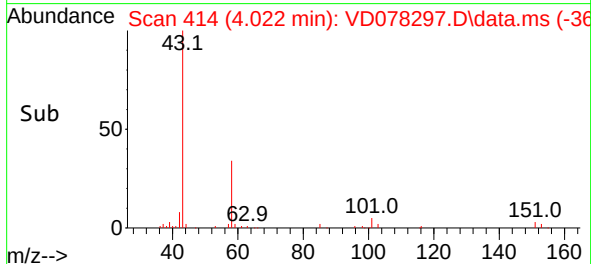
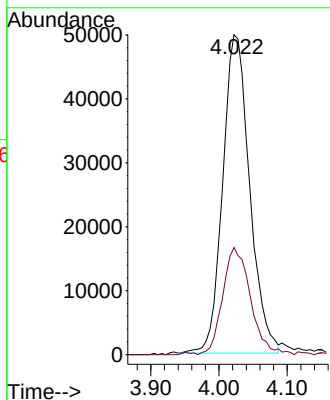
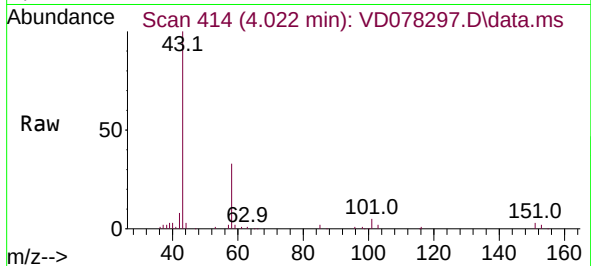




#13
Acetone
Concen: 127.695 ug/L
RT: 4.022 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078297.D
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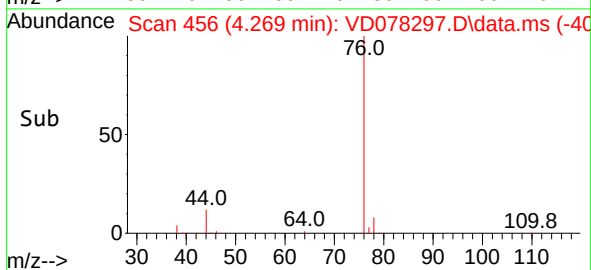
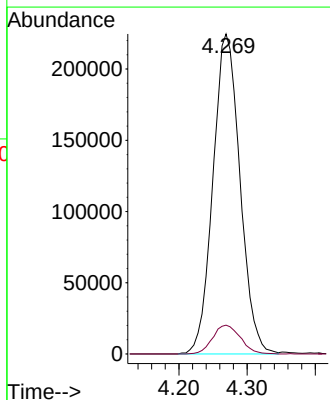
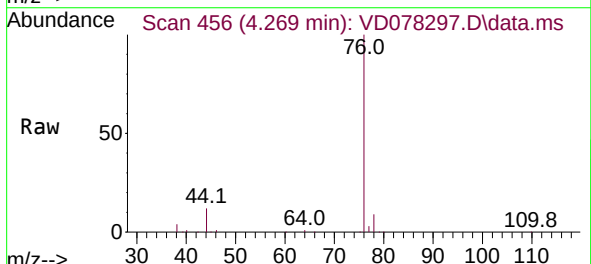
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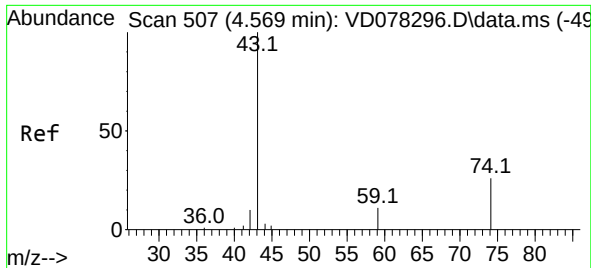
Tgt Ion: 43 Resp: 136808
Ion Ratio Lower Upper
43 100
58 34.1 0.0 67.2



#14
Carbon disulfide
Concen: 56.034 ug/L
RT: 4.269 min Scan# 456
Delta R.T. -0.000 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

Tgt Ion: 76 Resp: 620483
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.8

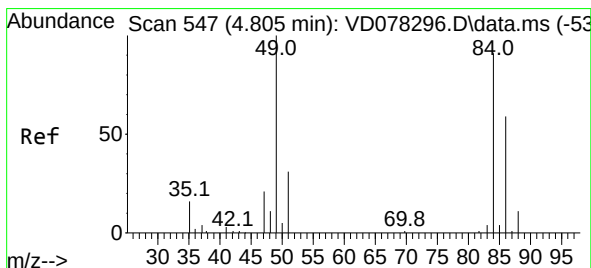
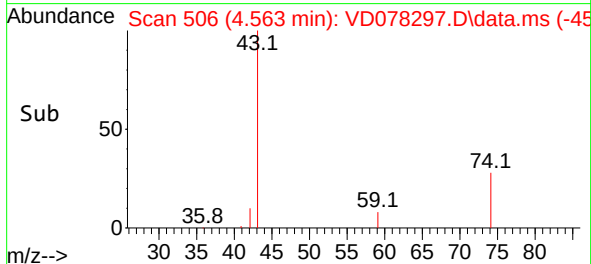
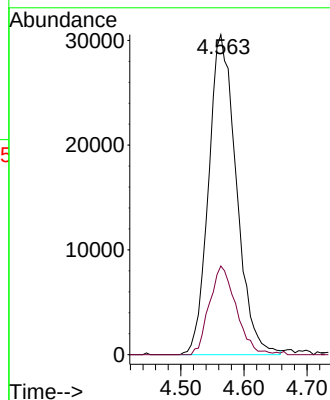
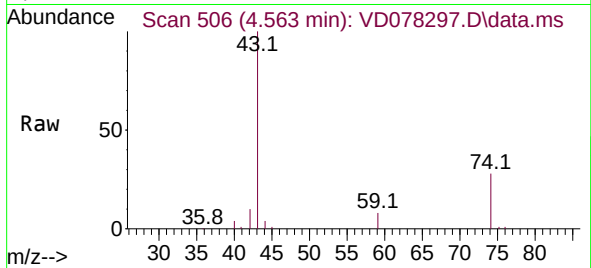




#15
Methyl Acetate
Concen: 61.528 ug/L
RT: 4.563 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

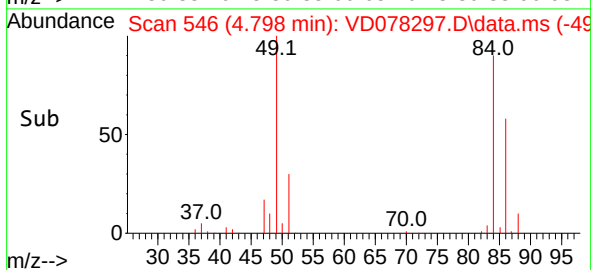
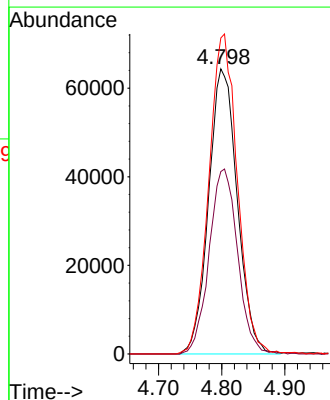
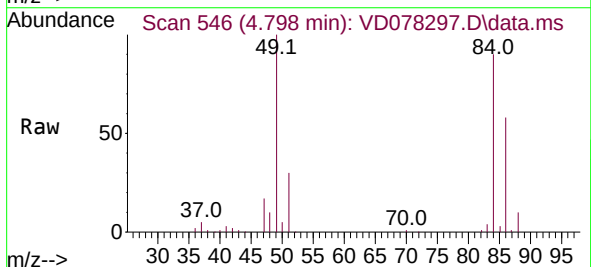
Instrument :
MSVOA_D
ClientSampleId :

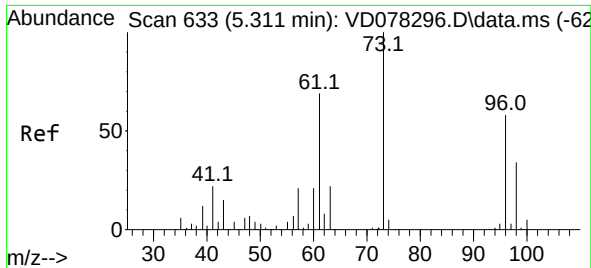
Tgt Ion: 43 Resp: 93238
Ion Ratio Lower Upper
43 100
74 26.2 12.7 19.1#



#16
Methylene chloride
Concen: 49.402 ug/L
RT: 4.798 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

Tgt Ion: 84 Resp: 203252
Ion Ratio Lower Upper
84 100
86 64.0 45.4 84.2
49 110.9 77.3 143.7

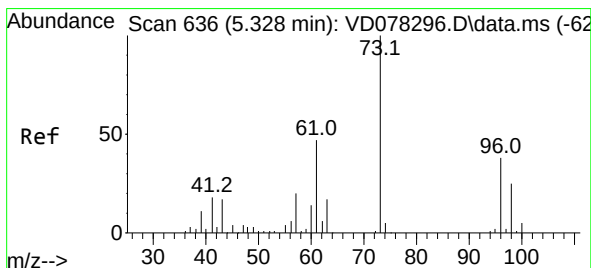
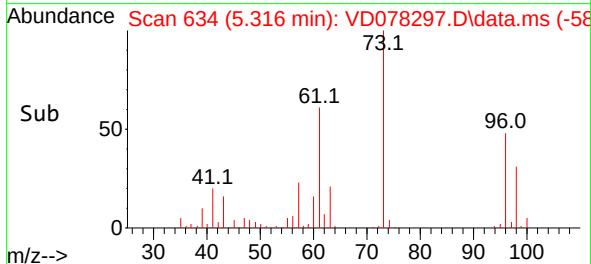
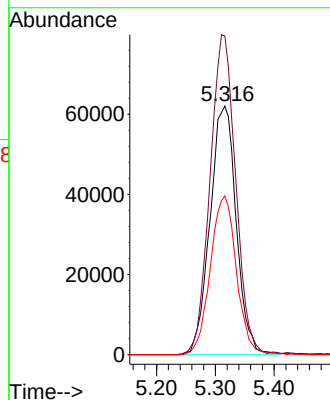
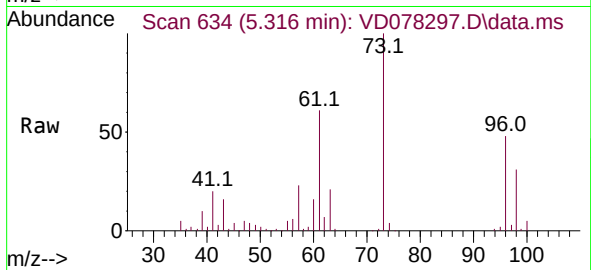




#17
trans-1,2-Dichloroethene
Concen: 58.332 ug/L
RT: 5.316 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

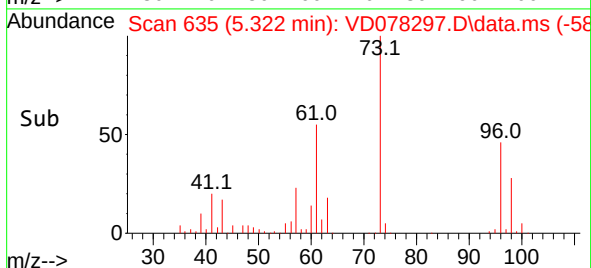
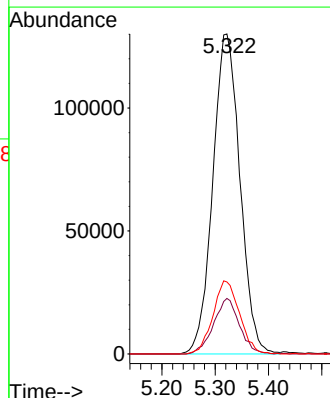
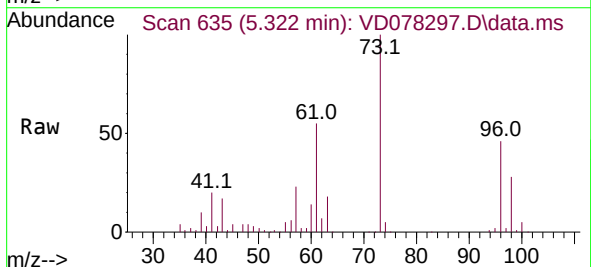
Instrument :
MSVOA_D
ClientSampleId :

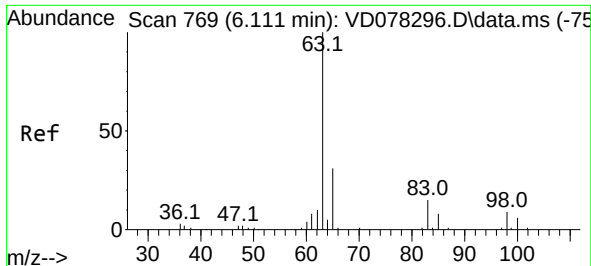
Tgt Ion: 96 Resp: 192441
Ion Ratio Lower Upper
96 100
61 128.2 82.7 153.7
98 63.9 40.7 75.7



#18
Methyl tert-butyl Ether
Concen: 62.561 ug/L
RT: 5.322 min Scan# 635
Delta R.T. -0.006 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

Tgt Ion: 73 Resp: 461005
Ion Ratio Lower Upper
73 100
43 16.5 13.3 19.9
57 22.3 17.2 25.8





#19

1,1-Dichloroethane

Concen: 53.438 ug/L

RT: 6.110 min Scan# 7

Delta R.T. -0.000 min

Lab File: VD078297.D

Acq: 31 Jan 2024 18:08

Instrument :

MSVOA_D

ClientSampleId :

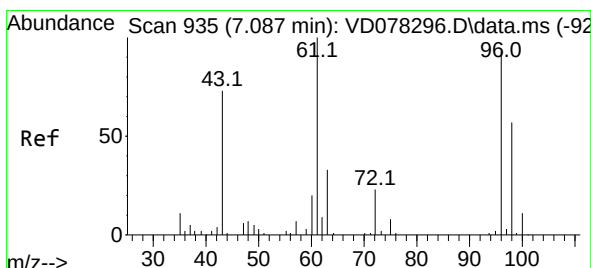
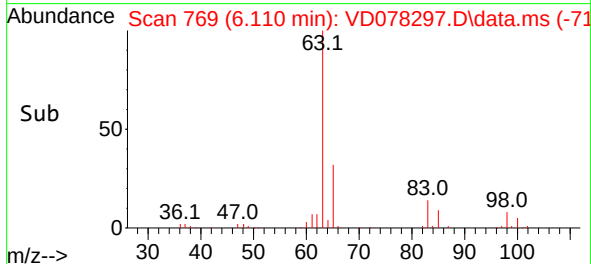
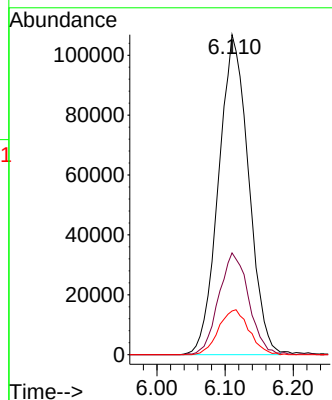
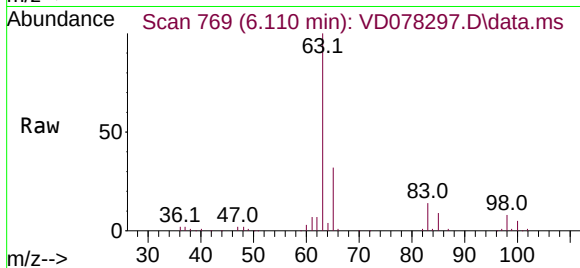
Tgt Ion: 63 Resp: 326837

Ion Ratio Lower Upper

63 100

65 31.8 21.8 40.4

83 13.7 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 58.479 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.006 min

Lab File: VD078297.D

Acq: 31 Jan 2024 18:08

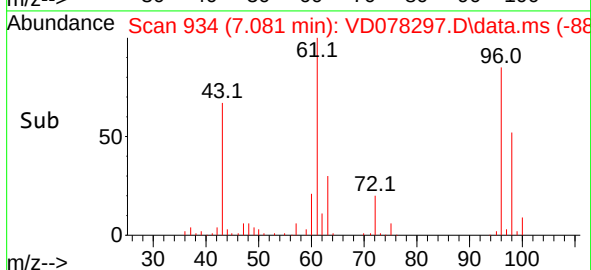
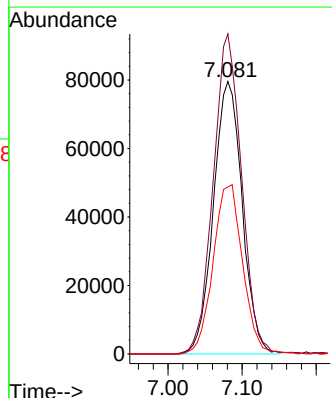
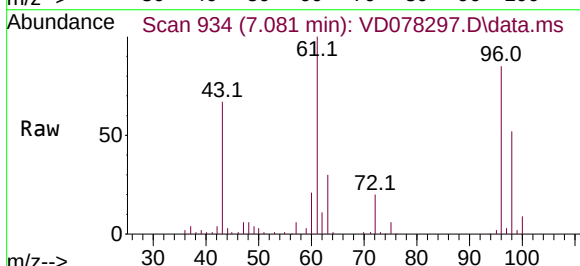
Tgt Ion: 96 Resp: 214382

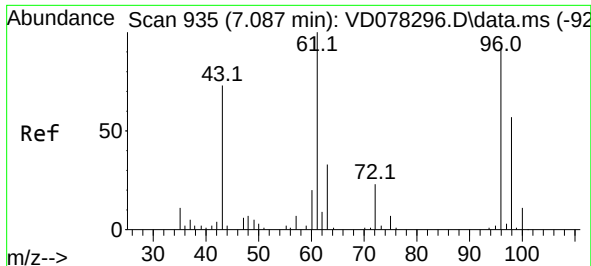
Ion Ratio Lower Upper

96 100

61 117.4 75.6 140.4

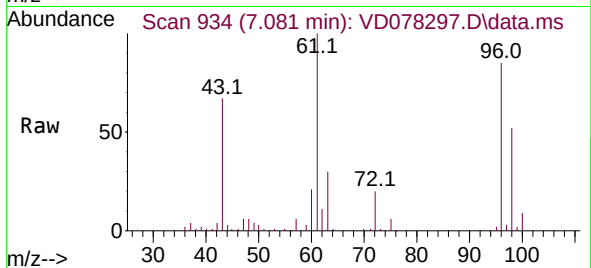
98 61.3 43.1 80.1



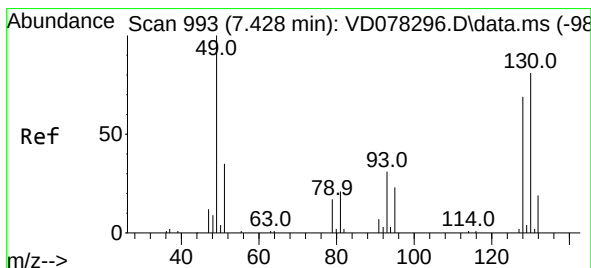
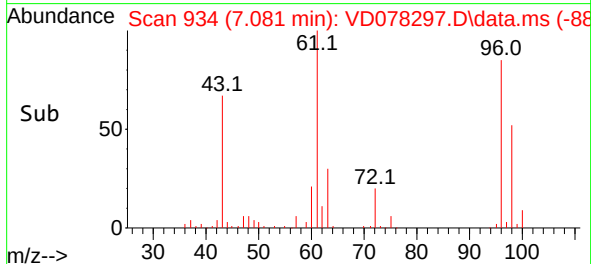
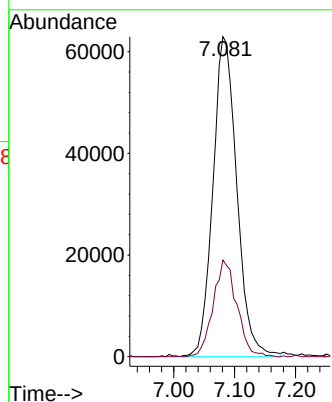


#22
2-Butanone
Concen: 140.975 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

Instrument :
MSVOA_D
ClientSampleId :

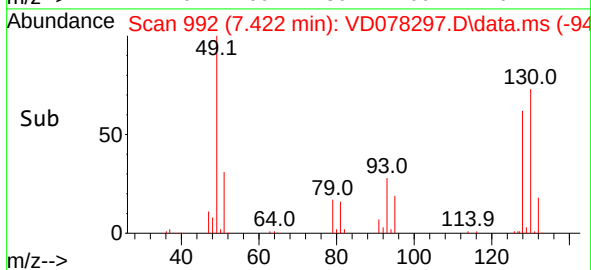
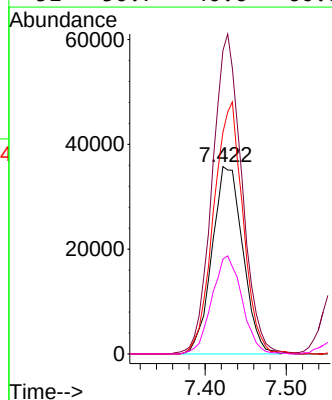
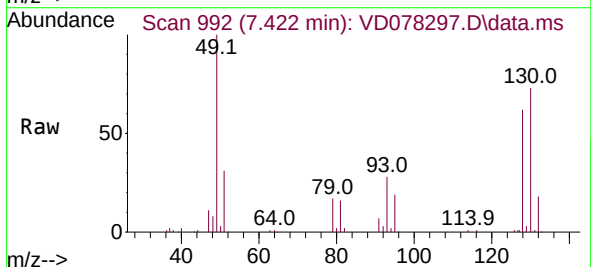


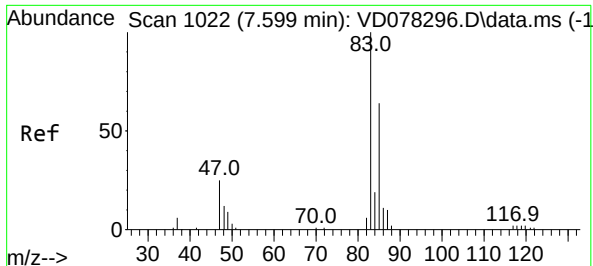
Tgt Ion: 43 Resp: 171742
Ion Ratio Lower Upper
43 100
72 29.4 15.4 46.2



#23
Bromochloromethane
Concen: 60.408 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

Tgt Ion:128 Resp: 94295
Ion Ratio Lower Upper
128 100
49 162.0 102.7 190.7
130 118.3 82.6 153.4
51 50.7 40.6 60.8





#25

Chloroform

Concen: 58.111 ug/L

RT: 7.598 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD078297.D

Acq: 31 Jan 2024 18:08

Instrument :

MSVOA_D

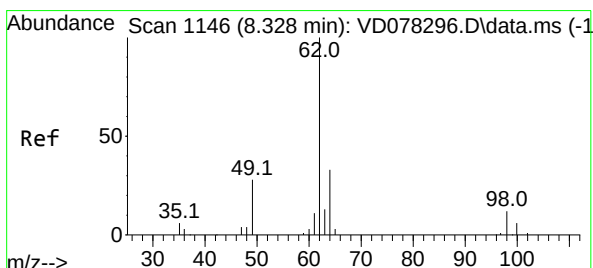
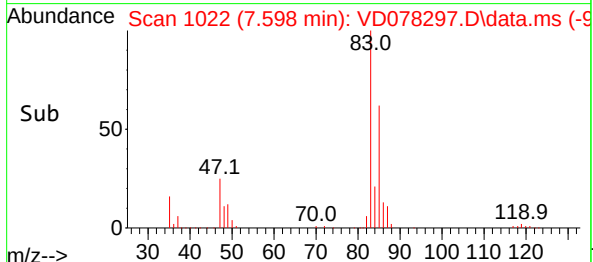
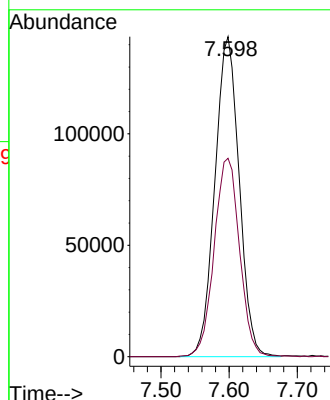
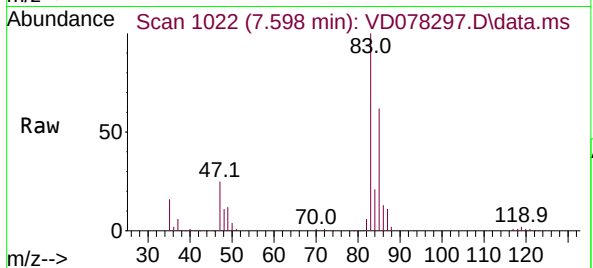
ClientSampleId :

Tgt Ion: 83 Resp: 356301

Ion Ratio Lower Upper

83 100

85 62.0 44.9 83.3



#27

1,2-Dichloroethane

Concen: 59.934 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD078297.D

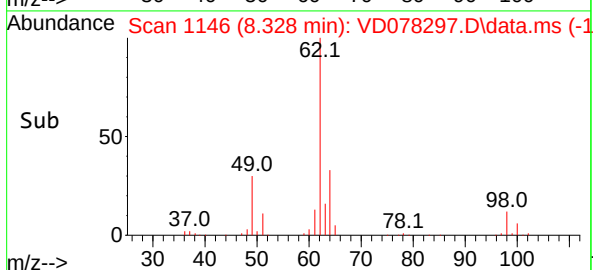
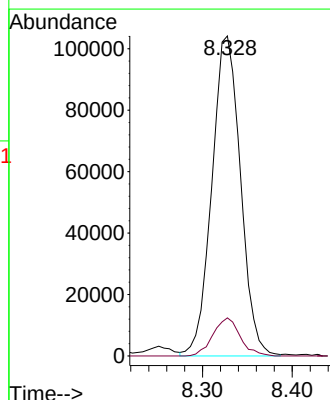
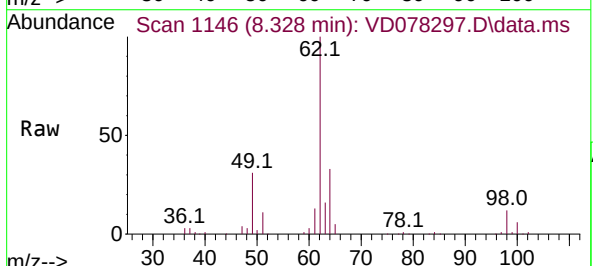
Acq: 31 Jan 2024 18:08

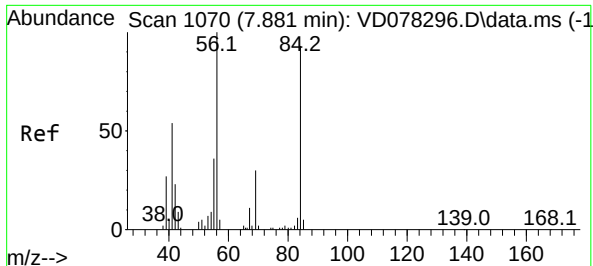
Tgt Ion: 62 Resp: 231030

Ion Ratio Lower Upper

62 100

98 11.9 9.5 14.3





#29

Cyclohexane

Concen: 48.200 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

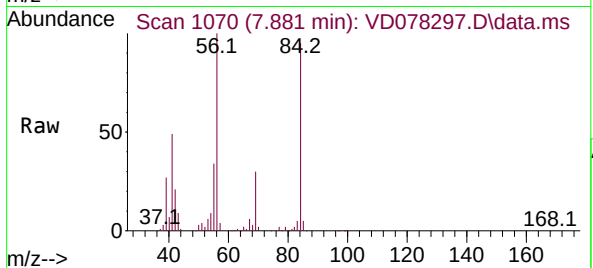
Lab File: VD078297.D

Acq: 31 Jan 2024 18:08

Instrument :

MSVOA_D

ClientSampleId :



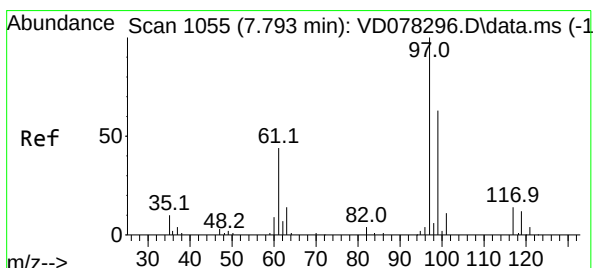
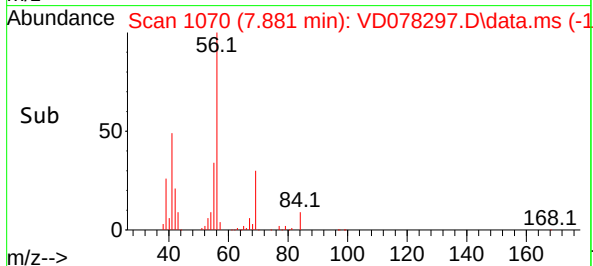
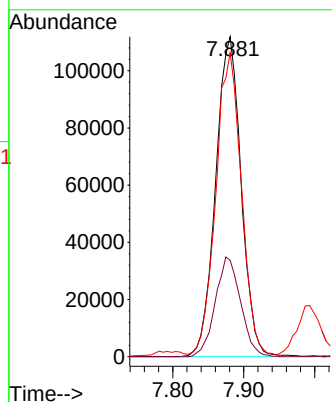
Tgt Ion: 56 Resp: 278412

Ion Ratio Lower Upper

56 100

69 30.9 23.3 34.9

84 95.9 74.7 112.1



#30

1,1,1-Trichloroethane

Concen: 51.273 ug/L

RT: 7.792 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD078297.D

Acq: 31 Jan 2024 18:08

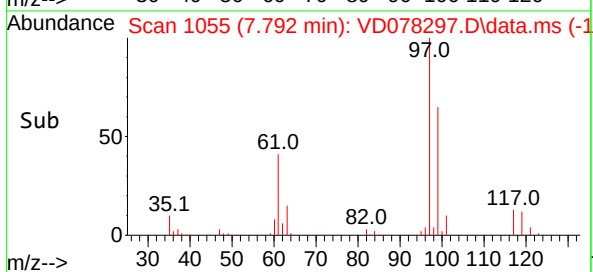
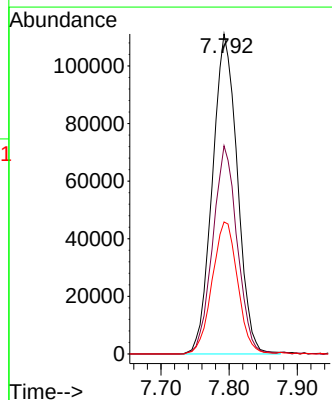
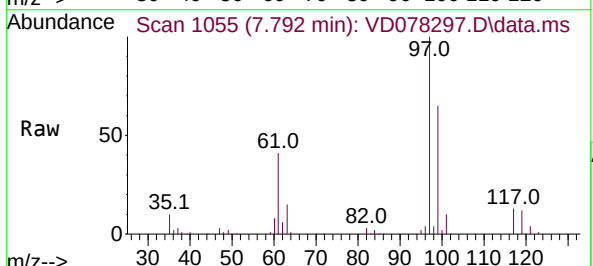
Tgt Ion: 97 Resp: 283209

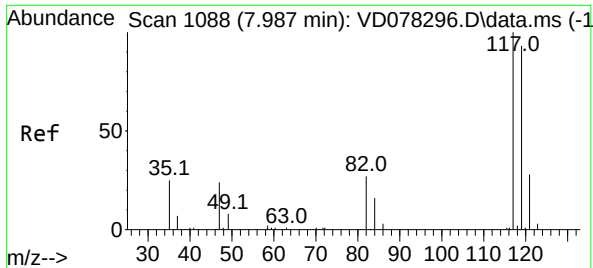
Ion Ratio Lower Upper

97 100

99 63.7 50.7 76.1

61 42.1 34.4 51.6

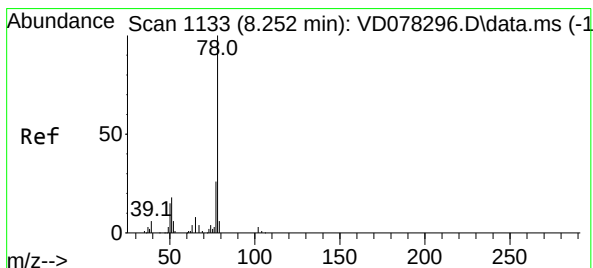
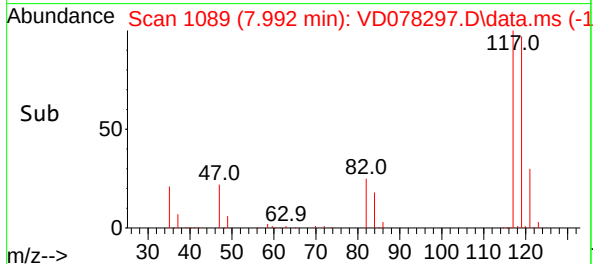
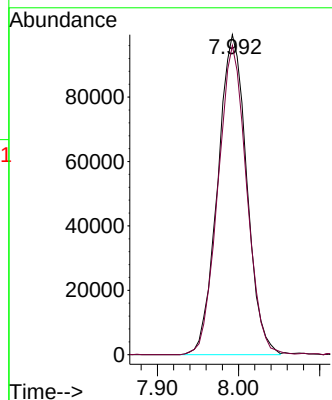
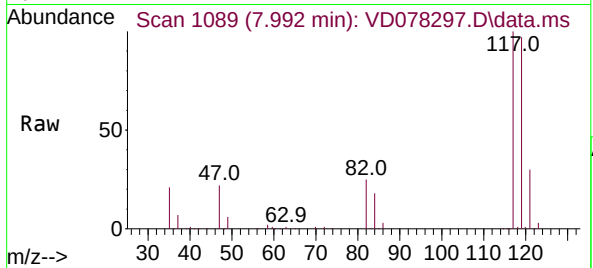




#31
Carbon tetrachloride
Concen: 51.142 ug/L
RT: 7.992 min Scan# 1109
Delta R.T. 0.005 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

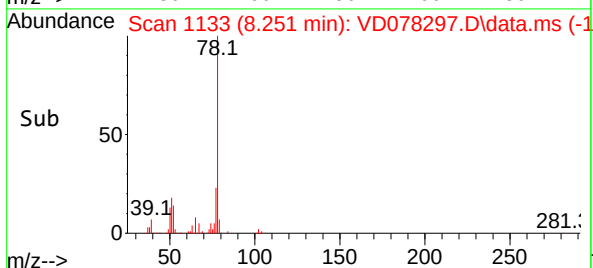
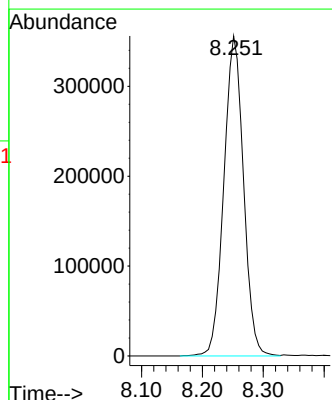
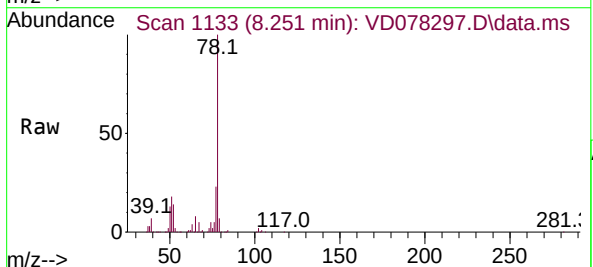
Instrument :
MSVOA_D
ClientSampleId :

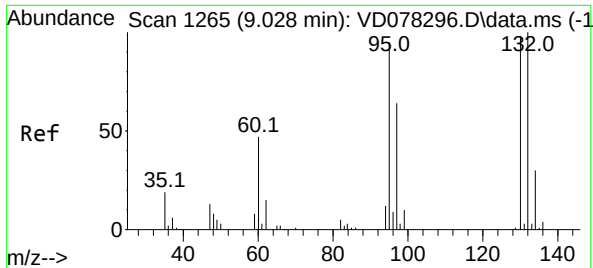
Tgt Ion:117 Resp: 246834
Ion Ratio Lower Upper
117 100
119 95.2 77.0 115.4



#33
Benzene
Concen: 53.856 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

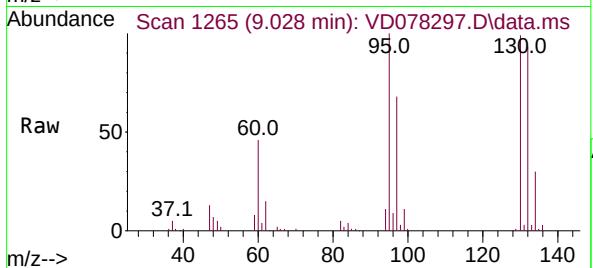
Tgt Ion: 78 Resp: 798364





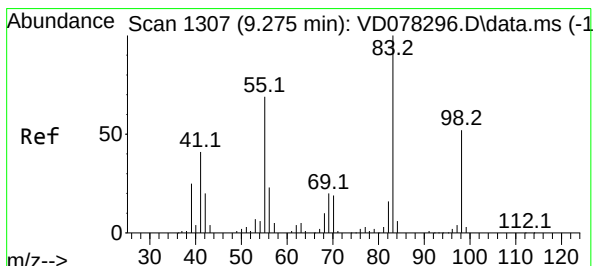
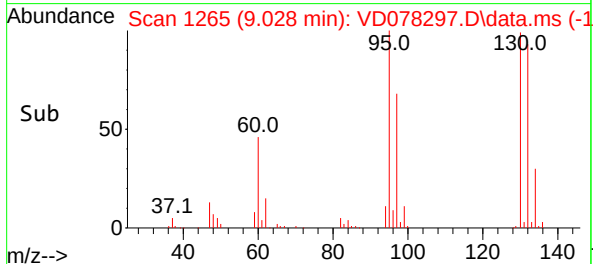
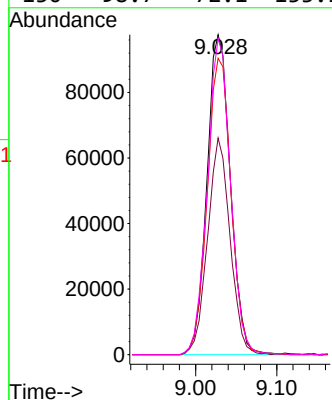
#34
Trichloroethene
Concen: 53.350 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 195468

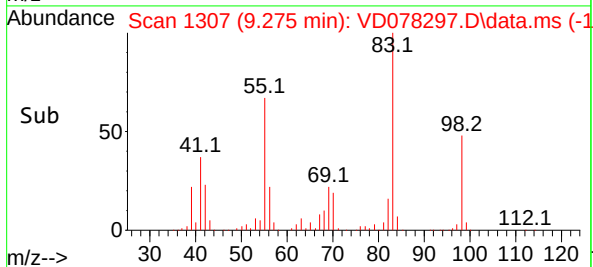
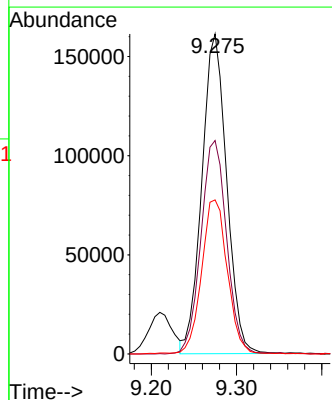
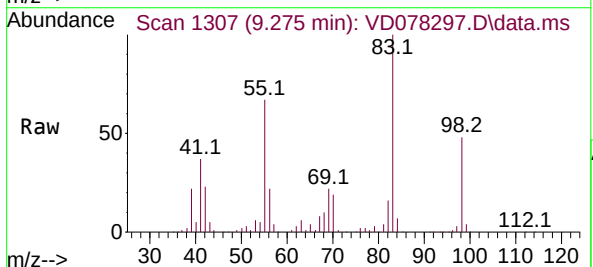
Ion	Ratio	Lower	Upper
95	100		
97	67.7	46.9	87.1
132	92.6	73.7	136.9
130	98.7	72.1	133.9

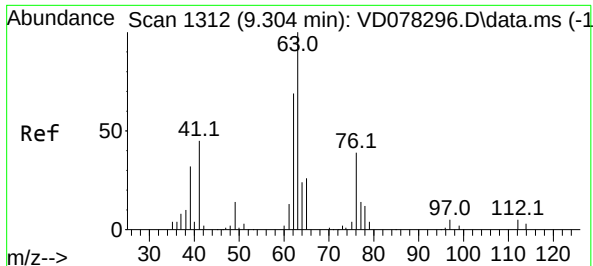


#35
Methylcyclohexane
Concen: 51.424 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

Tgt Ion: 83 Resp: 326983

Ion	Ratio	Lower	Upper
83	100		
55	69.1	56.2	84.4
98	49.9	41.2	61.8





#37

1,2-Dichloropropane

Concen: 54.098 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078297.D

Acq: 31 Jan 2024 18:08

Instrument :

MSVOA_D

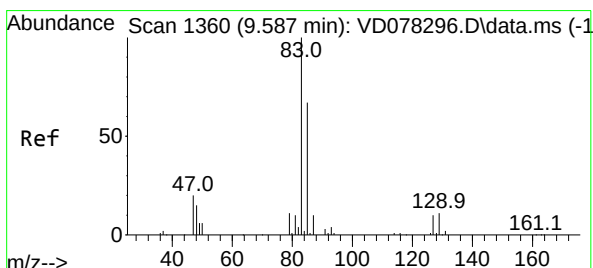
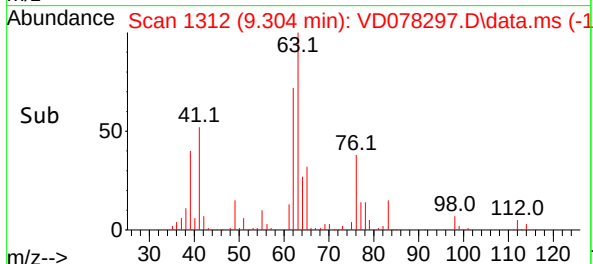
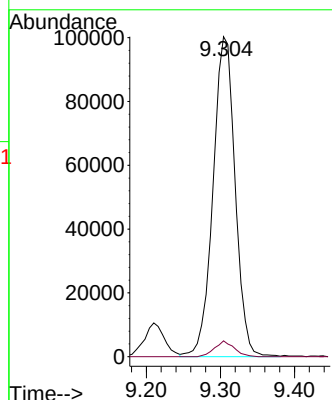
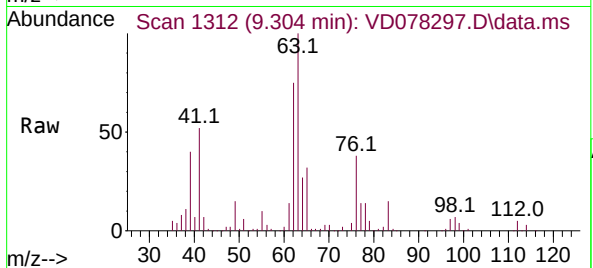
ClientSampleId :

Tgt Ion: 63 Resp: 207971

Ion Ratio Lower Upper

63 100

112 4.4 3.4 5.2



#38

Bromodichloromethane

Concen: 55.601 ug/L

RT: 9.586 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD078297.D

Acq: 31 Jan 2024 18:08

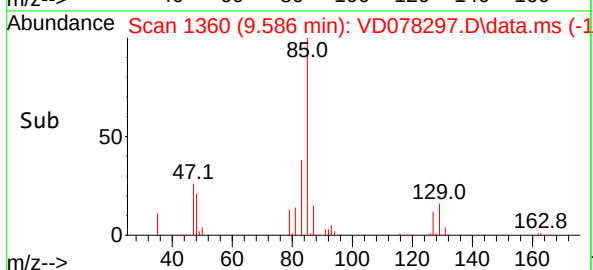
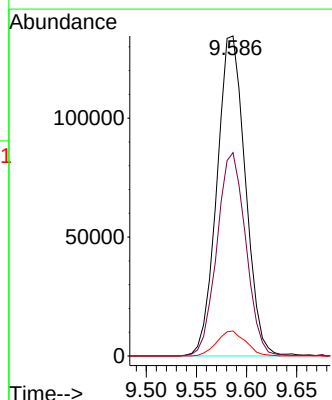
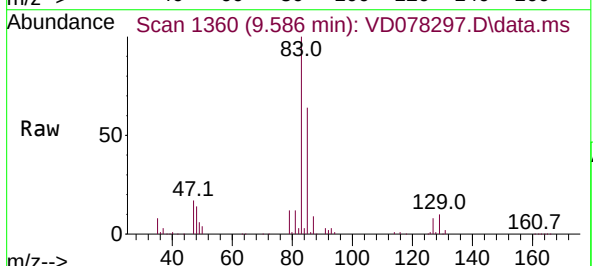
Tgt Ion: 83 Resp: 265150

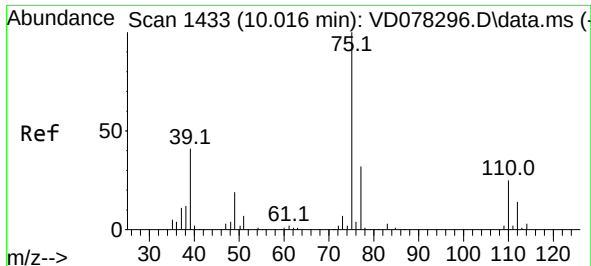
Ion Ratio Lower Upper

83 100

85 63.6 46.6 86.6

127 7.8 8.1 12.1#





#39

cis-1,3-Dichloropropene

Concen: 56.377 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD078297.D

Acq: 31 Jan 2024 18:08

Instrument :

MSVOA_D

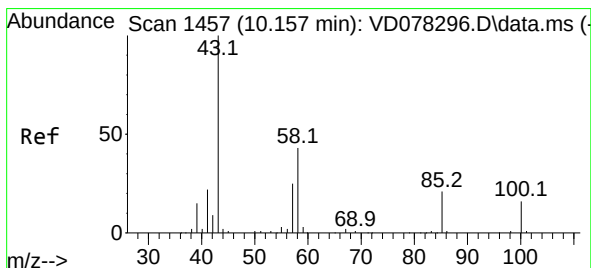
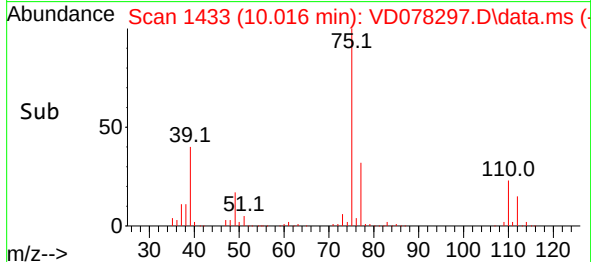
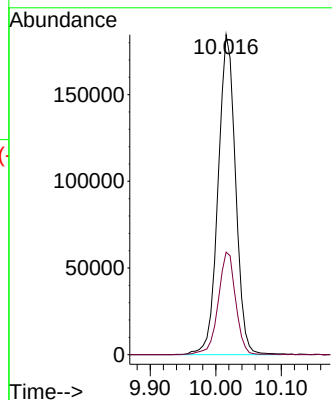
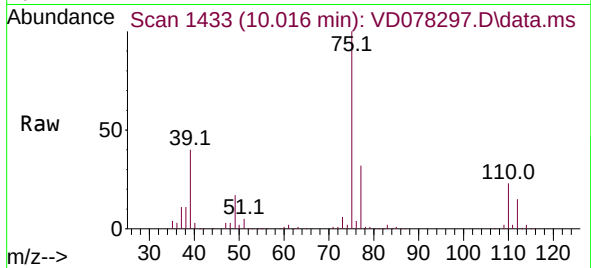
ClientSampleId :

Tgt Ion: 75 Resp: 340290

Ion Ratio Lower Upper

75 100

77 32.1 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 121.080 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD078297.D

Acq: 31 Jan 2024 18:08

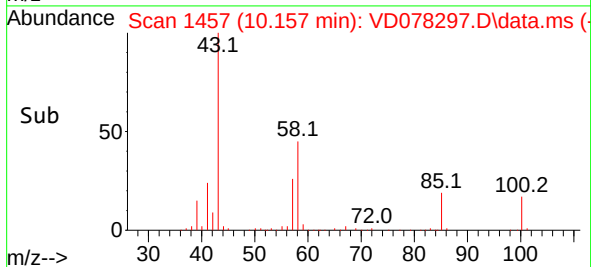
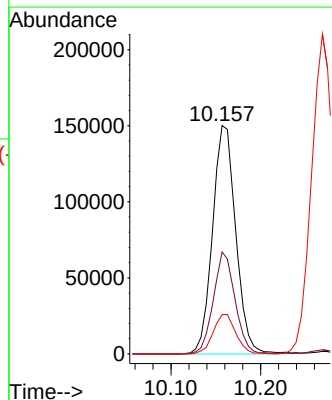
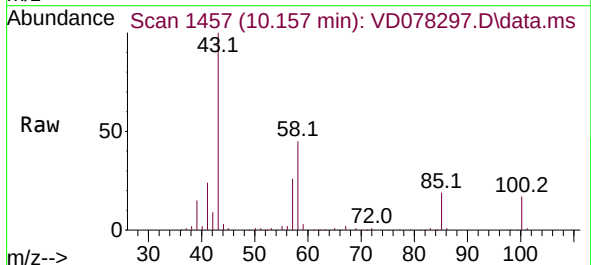
Tgt Ion: 43 Resp: 269790

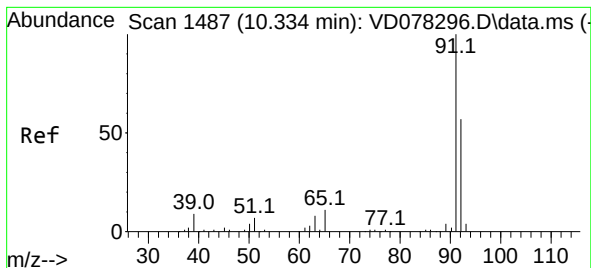
Ion Ratio Lower Upper

43 100

58 41.8 34.0 51.0

100 16.8 13.2 19.8





#42

Toluene

Concen: 54.604 ug/L

RT: 10.333 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD078297.D

Acq: 31 Jan 2024 18:08

Instrument :

MSVOA_D

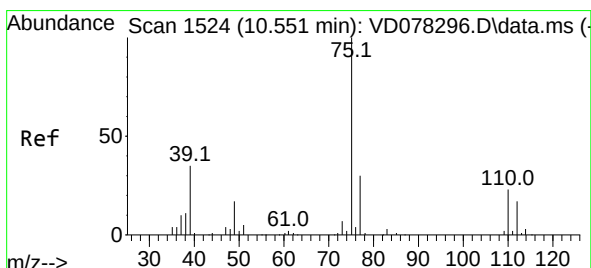
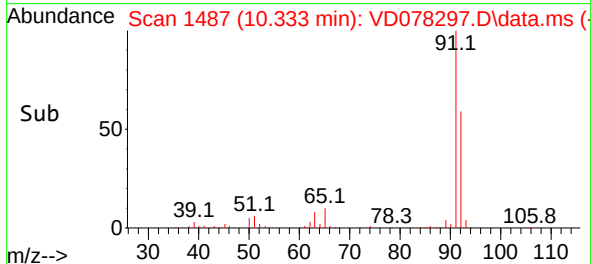
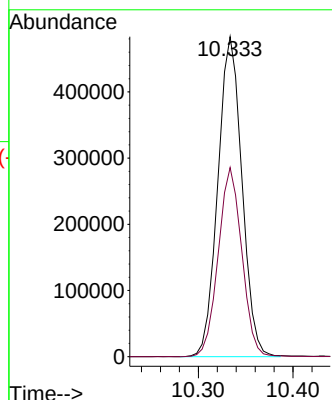
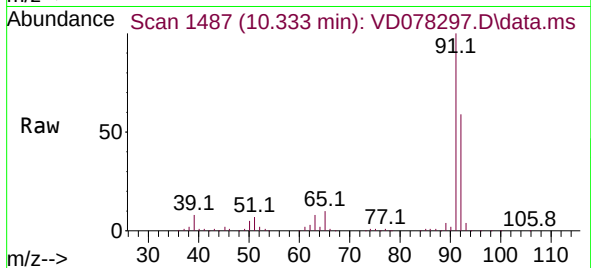
ClientSampleId :

Tgt Ion: 91 Resp: 855108

Ion Ratio Lower Upper

91 100

92 59.1 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 56.559 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD078297.D

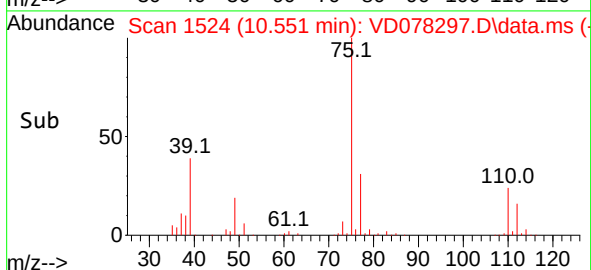
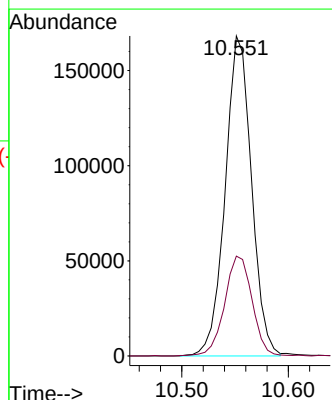
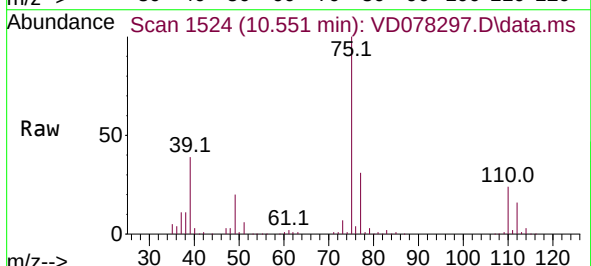
Acq: 31 Jan 2024 18:08

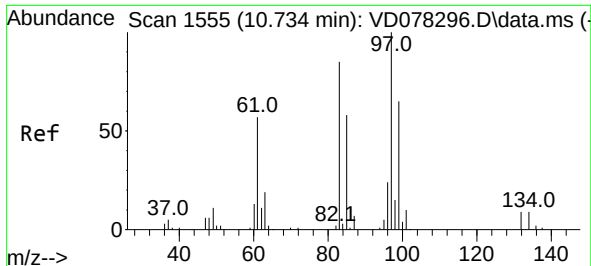
Tgt Ion: 75 Resp: 288624

Ion Ratio Lower Upper

75 100

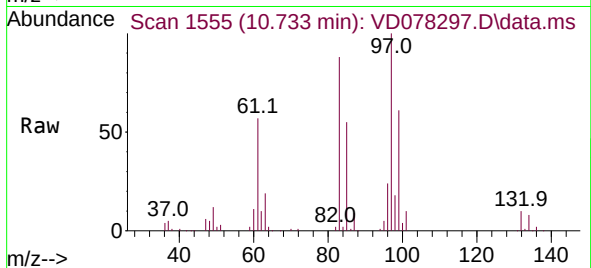
77 31.2 20.7 38.5





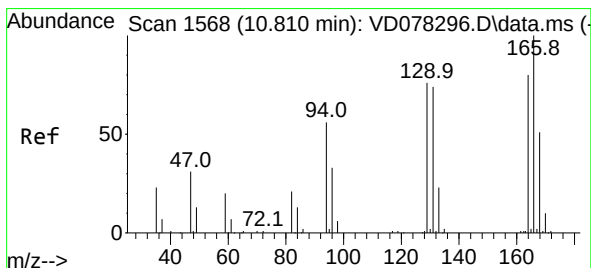
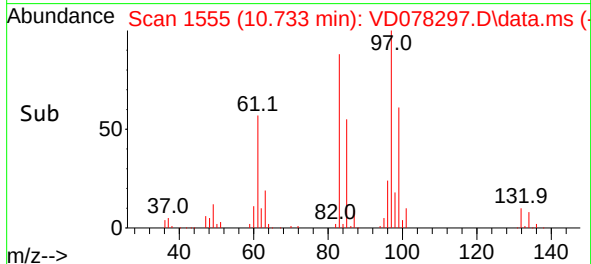
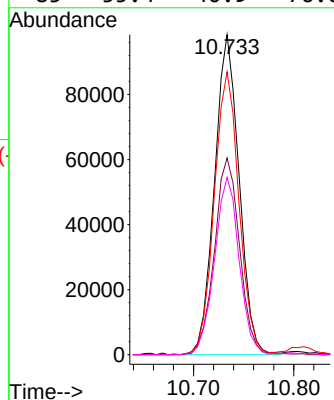
#45
1,1,2-Trichloroethane
Concen: 61.644 ug/L
RT: 10.733 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 97 Resp: 167503

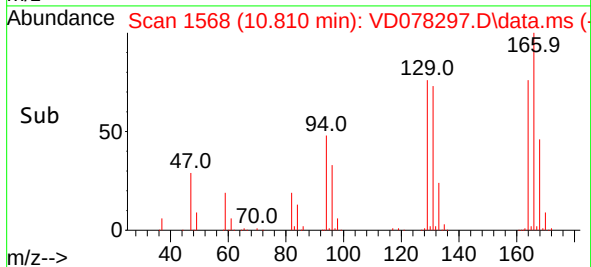
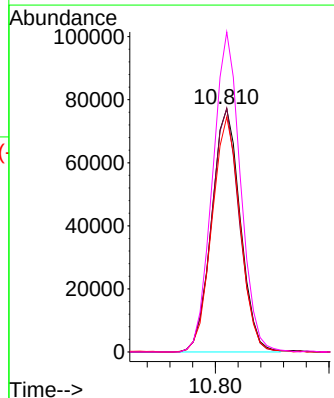
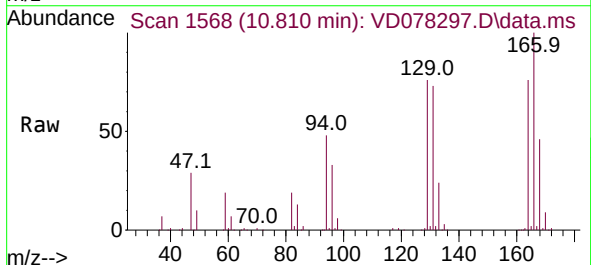
Ion	Ratio	Lower	Upper
97	100		
99	61.5	45.4	84.4
83	88.4	59.5	110.5
85	55.4	40.9	76.0

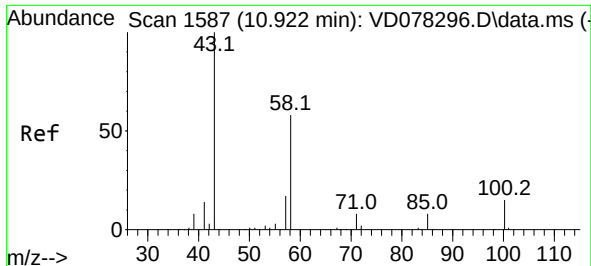


#46
Tetrachloroethene
Concen: 47.242 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

Tgt Ion: 164 Resp: 135062

Ion	Ratio	Lower	Upper
164	100		
129	100.3	66.7	123.9
131	96.7	65.2	121.0
166	131.6	88.5	164.3

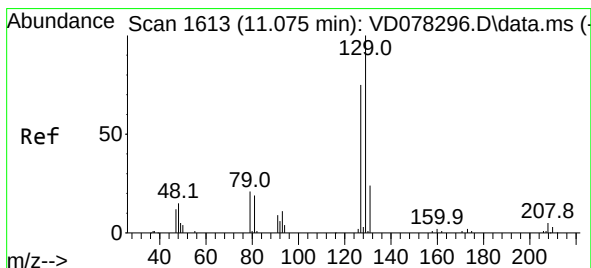
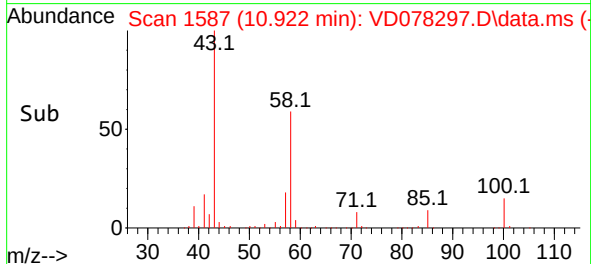
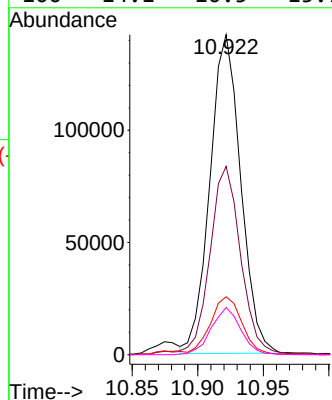
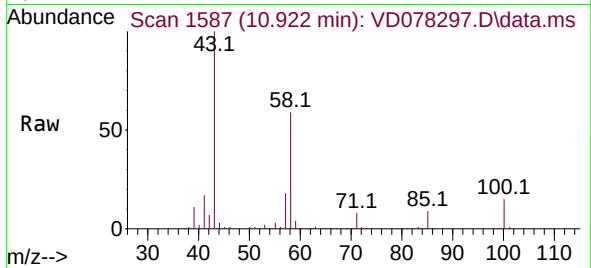




#48
2-Hexanone
Concen: 124.130 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

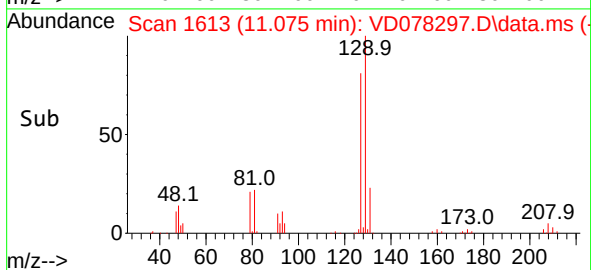
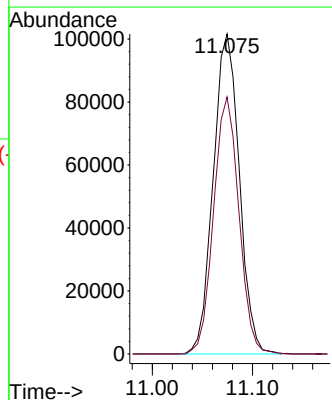
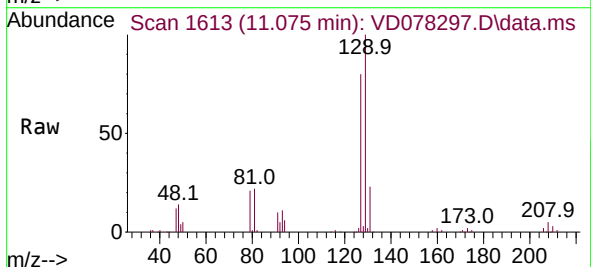
Instrument :
MSVOA_D
ClientSampleId :

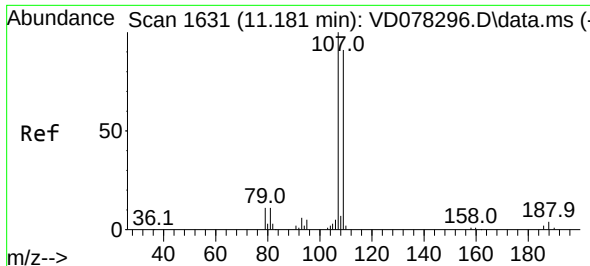
Tgt Ion:	43	Resp:	232497
Ion	Ratio	Lower	Upper
43	100		
58	58.1	48.5	72.7
57	18.6	15.6	23.4
100	14.1	10.5	15.7



#49
Dibromochloromethane
Concen: 57.695 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

Tgt Ion:	129	Resp:	183783
Ion	Ratio	Lower	Upper
129	100		
127	80.3	52.7	97.9

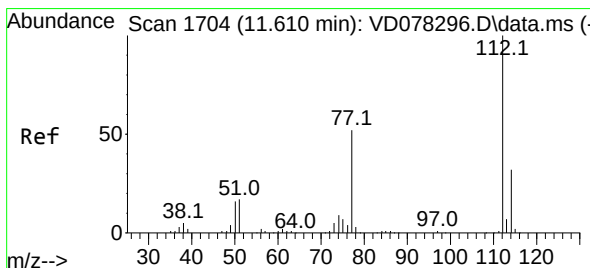
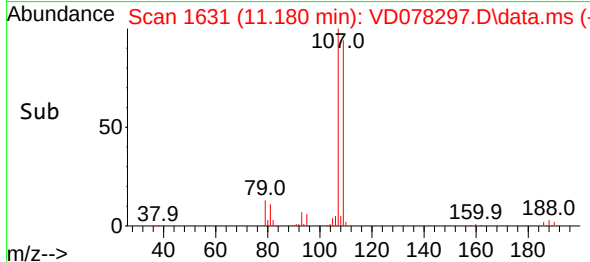
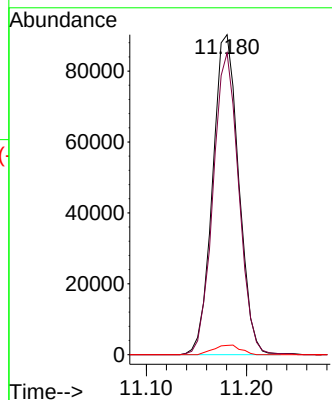
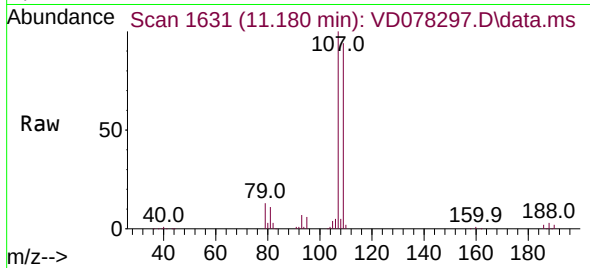




#50
1,2-Dibromoethane
Concen: 62.264 ug/L
RT: 11.180 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

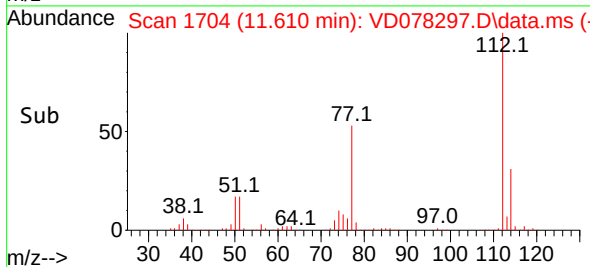
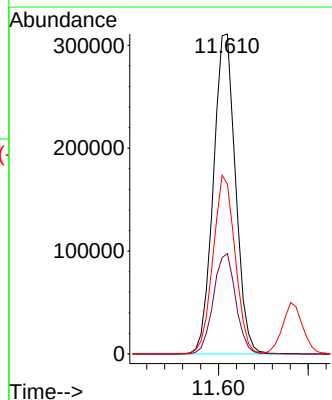
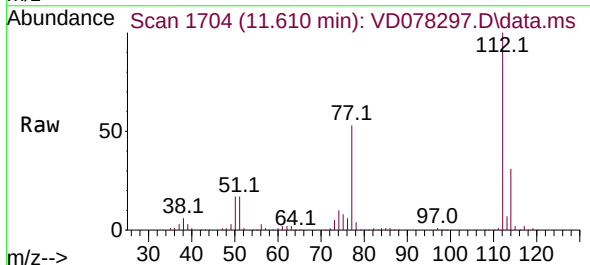
Instrument :
MSVOA_D
ClientSampleId :

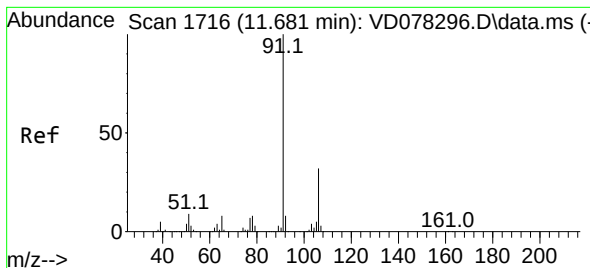
Tgt Ion:107 Resp: 163481
Ion Ratio Lower Upper
107 100
109 94.3 64.0 118.8
188 2.9 3.1 4.7#



#51
Chlorobenzene
Concen: 54.693 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

Tgt Ion:112 Resp: 533160
Ion Ratio Lower Upper
112 100
114 31.4 22.3 41.3
77 53.1 42.3 63.5





#52

Ethylbenzene

Concen: 52.924 ug/L

RT: 11.680 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078297.D

Acq: 31 Jan 2024 18:08

Instrument :

MSVOA_D

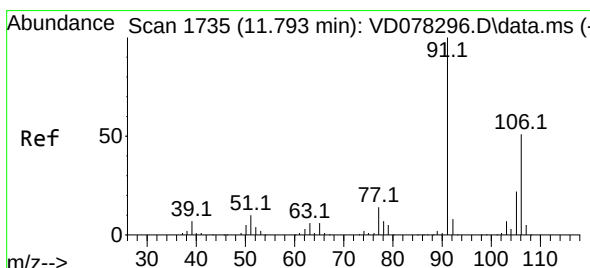
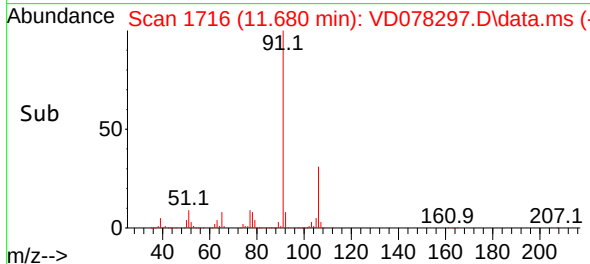
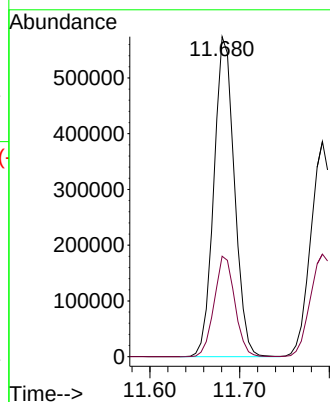
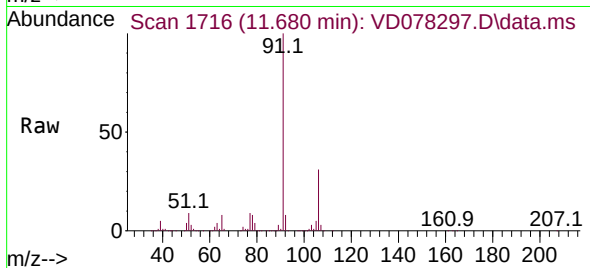
ClientSampleId :

Tgt Ion: 91 Resp: 912672

Ion Ratio Lower Upper

91 100

106 31.4 22.5 41.7



#53

m,p-Xylene

Concen: 53.293 ug/L

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD078297.D

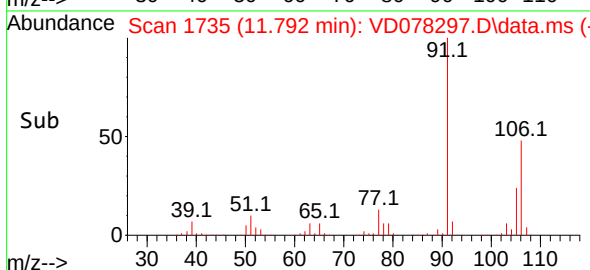
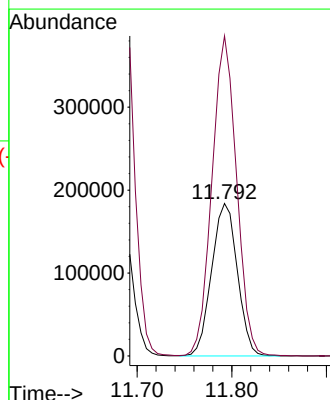
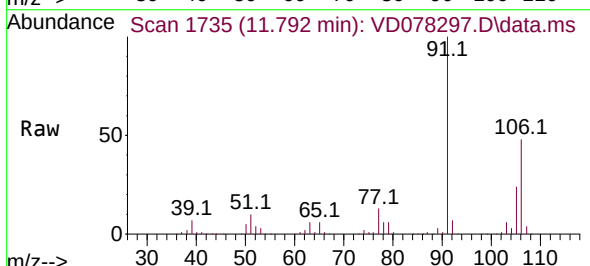
Acq: 31 Jan 2024 18:08

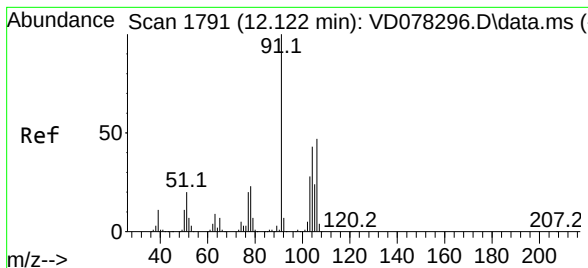
Tgt Ion:106 Resp: 347130

Ion Ratio Lower Upper

106 100

91 209.9 138.3 256.8

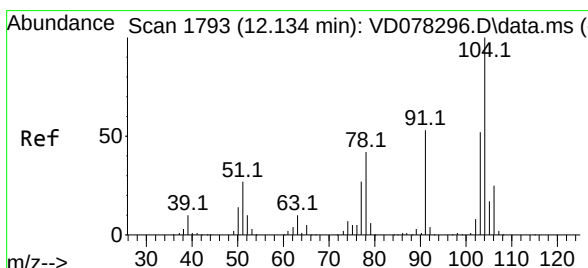
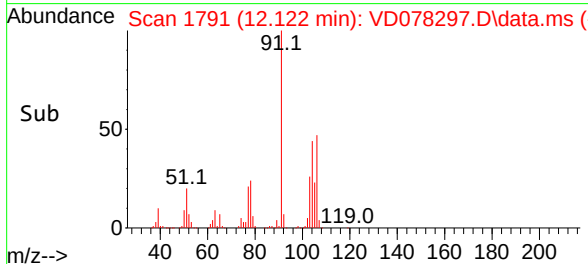
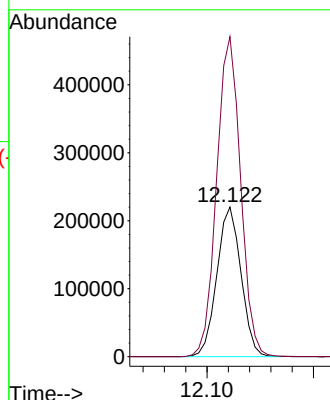
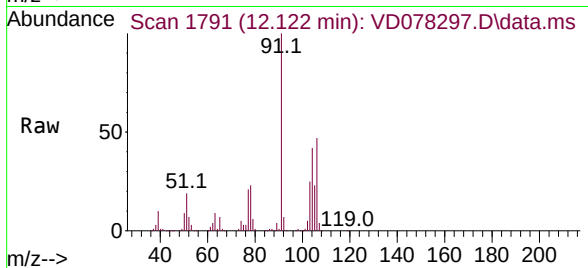




#54
o-Xylene
Concen: 55.469 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

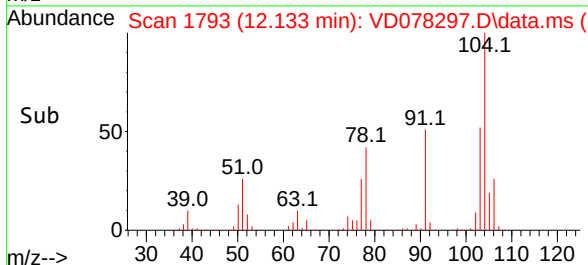
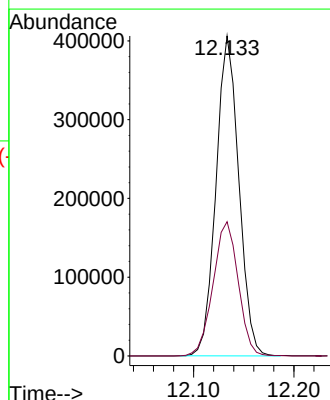
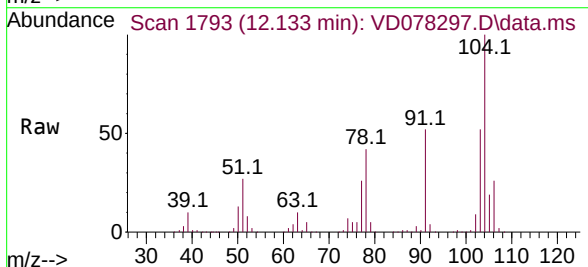
Instrument :
MSVOA_D
ClientSampleId :

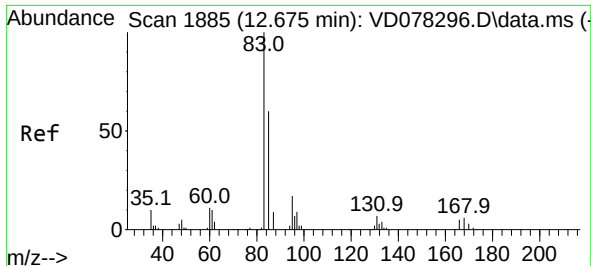
Tgt Ion:106 Resp: 346429
Ion Ratio Lower Upper
106 100
91 213.9 148.0 274.8



#55
Styrene
Concen: 58.163 ug/L
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

Tgt Ion:104 Resp: 639896
Ion Ratio Lower Upper
104 100
78 42.0 29.5 54.7





#57

1,1,2,2-Tetrachloroethane

Concen: 63.988 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078297.D

Acq: 31 Jan 2024 18:08

Instrument :

MSVOA_D

ClientSampleId :

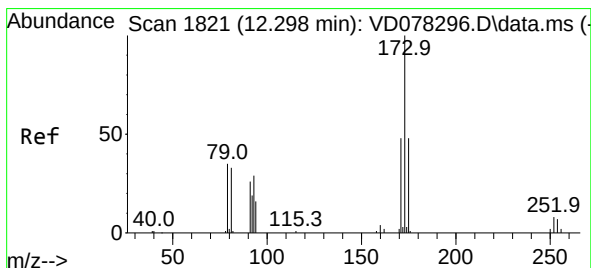
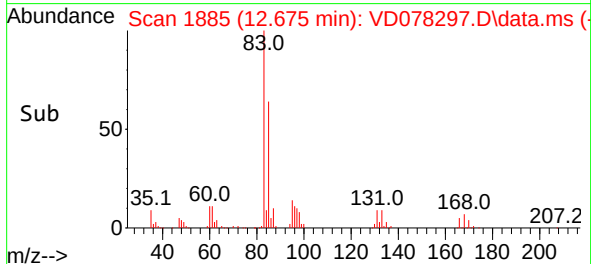
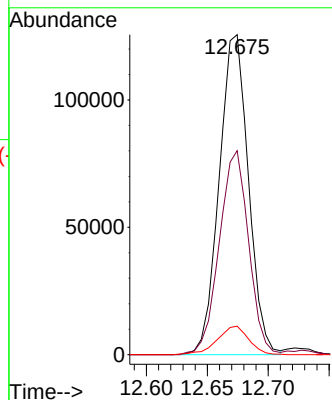
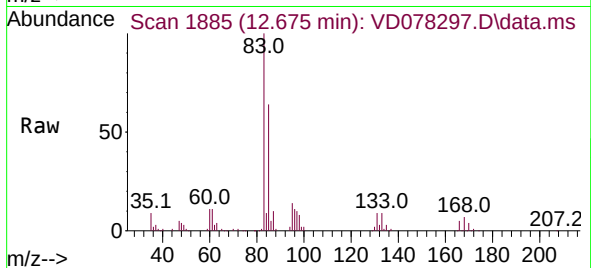
Tgt Ion: 83 Resp: 209944

Ion Ratio Lower Upper

83 100

85 63.8 42.6 79.0

131 8.9 6.0 9.0



#59

Bromoform

Concen: 60.243 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD078297.D

Acq: 31 Jan 2024 18:08

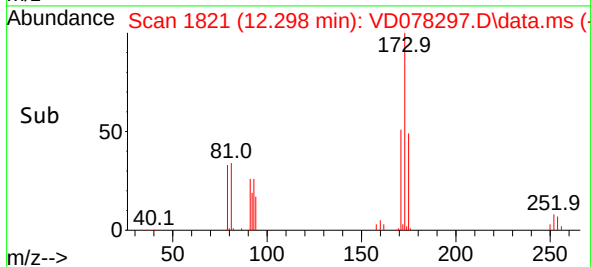
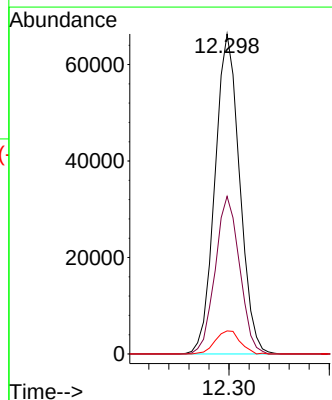
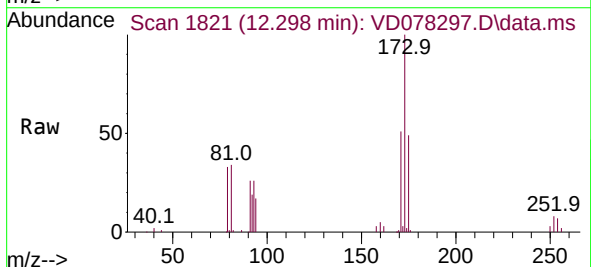
Tgt Ion:173 Resp: 113490

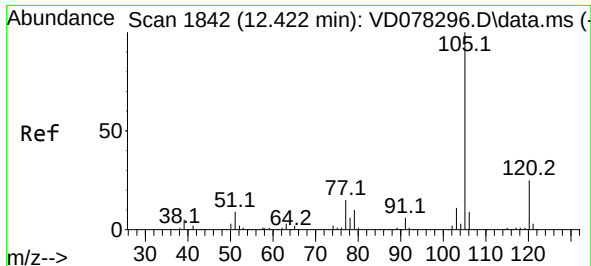
Ion Ratio Lower Upper

173 100

175 48.6 40.2 60.4

254 7.2 6.6 9.8

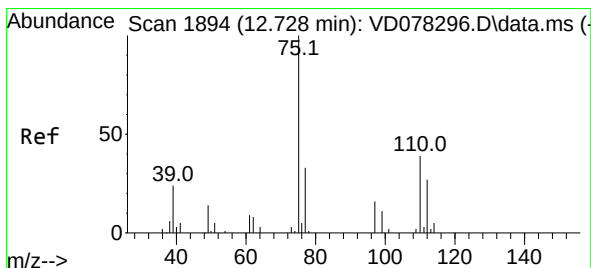
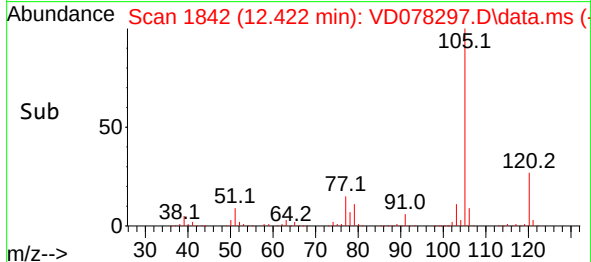
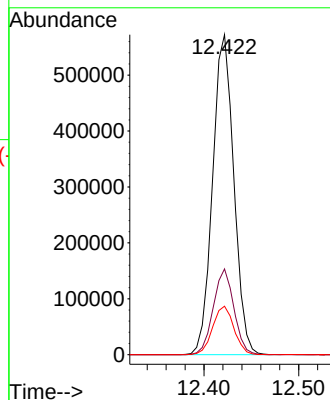
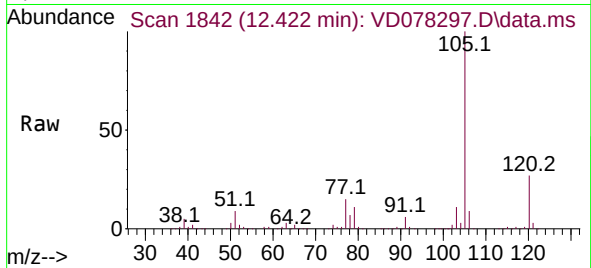




#60
Isopropylbenzene
Concen: 54.575 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

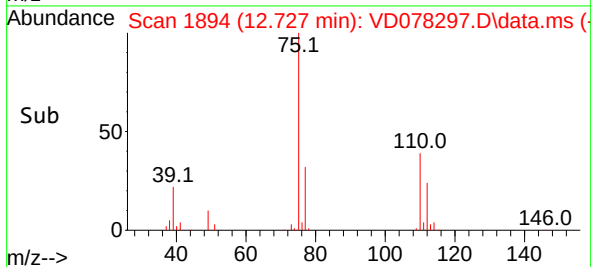
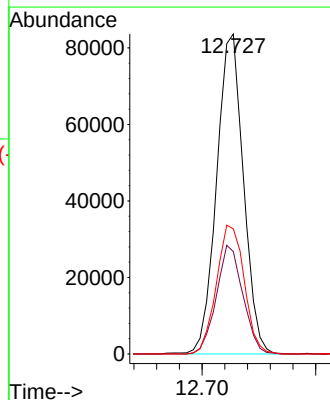
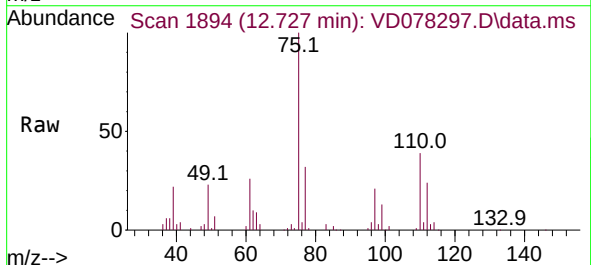
Instrument :
MSVOA_D
ClientSampleId :

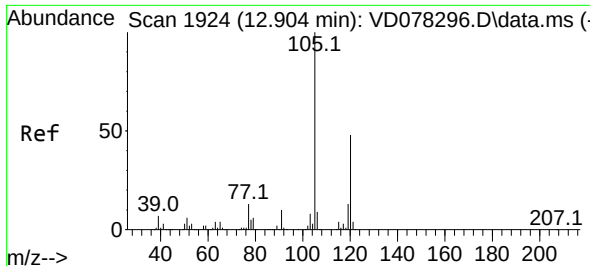
Tgt Ion:105 Resp: 890140
Ion Ratio Lower Upper
105 100
120 26.1 20.4 30.6
77 15.3 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 62.505 ug/L
RT: 12.727 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

Tgt Ion: 75 Resp: 137034
Ion Ratio Lower Upper
75 100
77 33.6 26.5 39.7
110 41.8 31.8 47.8

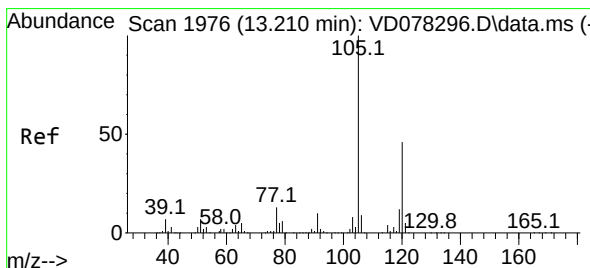
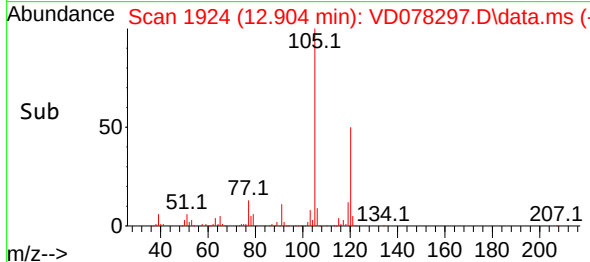
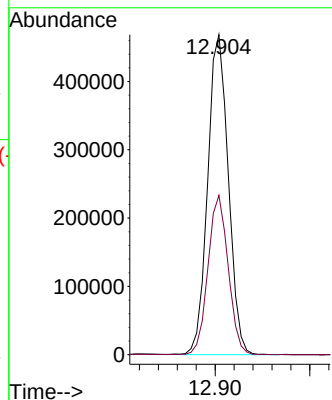
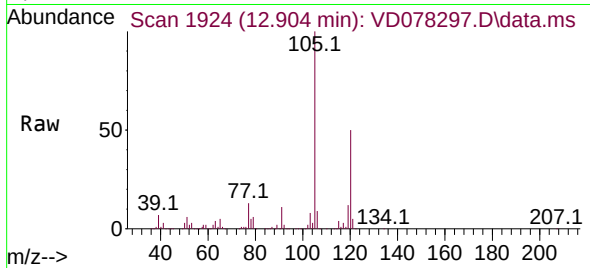




#62
1,3,5-Trimethylbenzene
Concen: 57.565 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

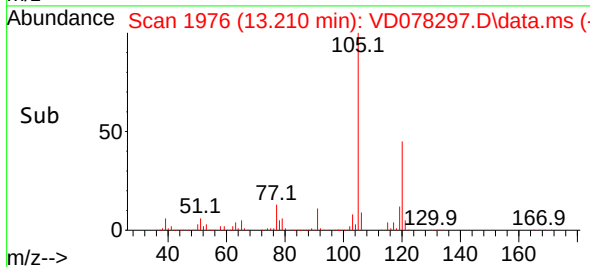
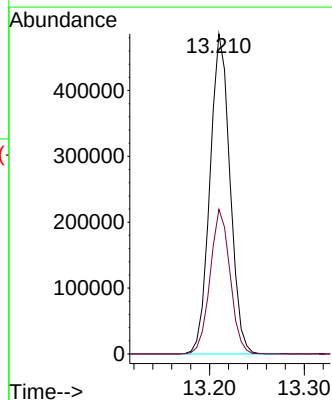
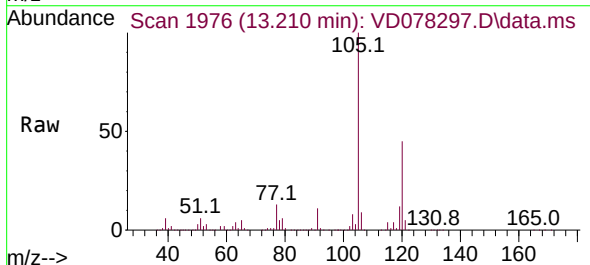
Instrument :
MSVOA_D
ClientSampleId :

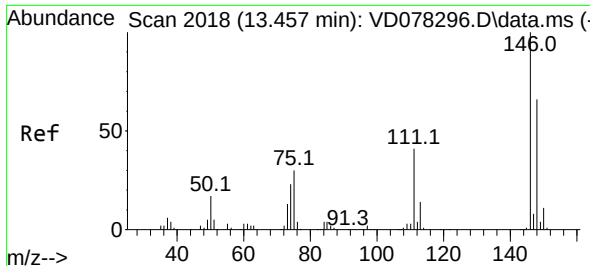
Tgt Ion:105 Resp: 708920
Ion Ratio Lower Upper
105 100
120 48.6 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 57.164 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

Tgt Ion:105 Resp: 713508
Ion Ratio Lower Upper
105 100
120 44.9 37.0 55.4

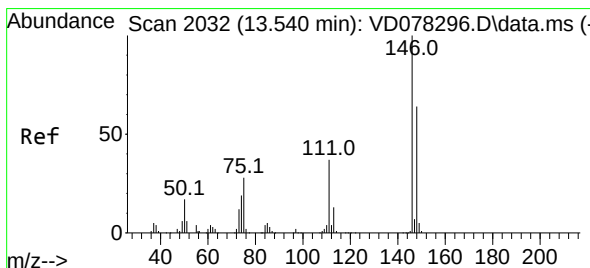
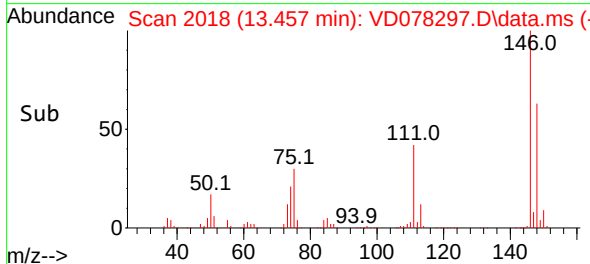
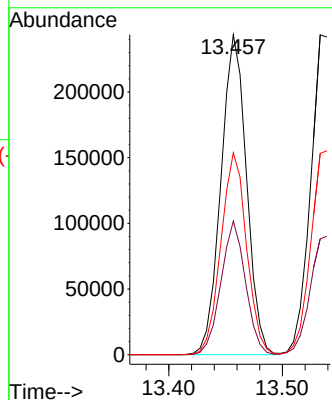
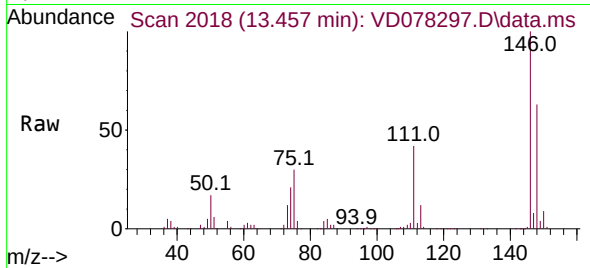




#64
1,3-Dichlorobenzene
Concen: 53.889 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

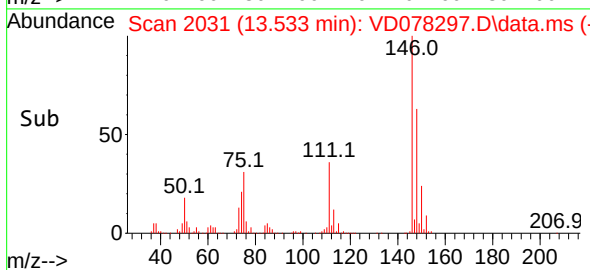
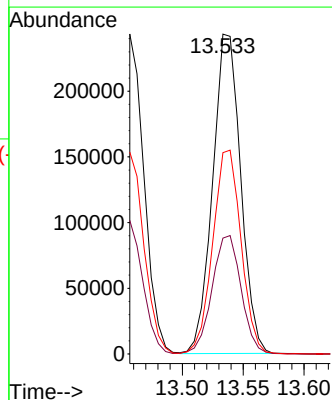
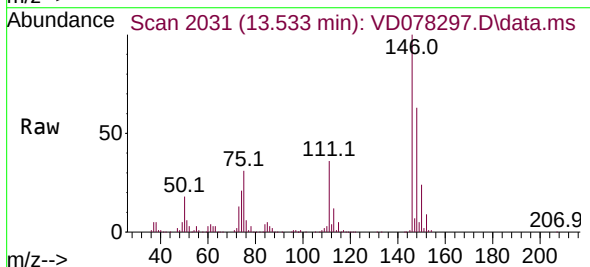
Instrument :
MSVOA_D
ClientSampleId :

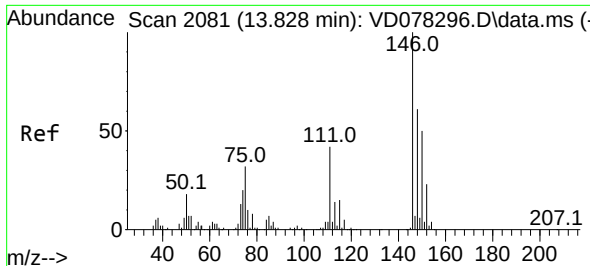
Tgt Ion:146 Resp: 381345
Ion Ratio Lower Upper
146 100
111 41.8 28.6 53.0
148 63.1 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 52.823 ug/L
RT: 13.533 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

Tgt Ion:146 Resp: 390372
Ion Ratio Lower Upper
146 100
111 36.2 26.4 49.0
148 63.0 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 56.519 ug/L

RT: 13.833 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VD078297.D

Acq: 31 Jan 2024 18:08

Instrument :

MSVOA_D

ClientSampleId :

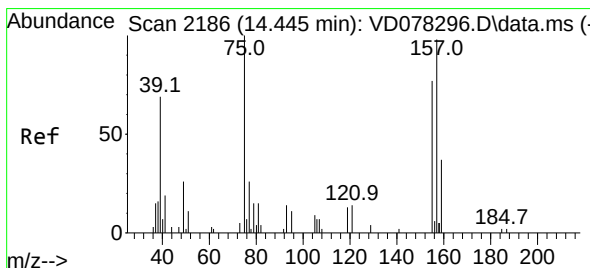
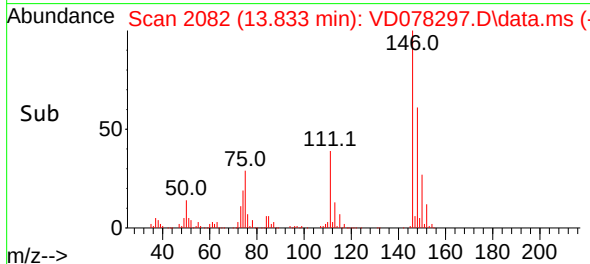
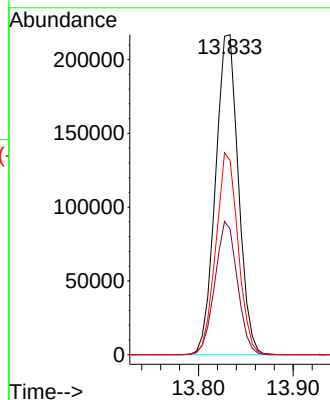
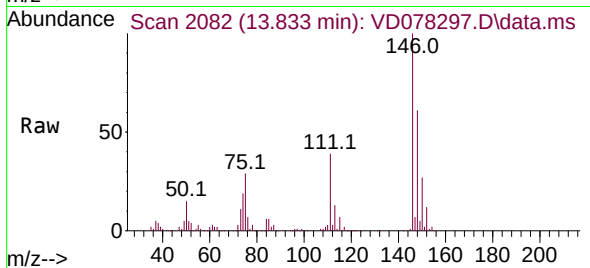
Tgt Ion:146 Resp: 364273

Ion Ratio Lower Upper

146 100

111 39.2 33.6 50.4

148 60.6 48.4 72.6



#68

1,2-Dibromo-3-chloropropane

Concen: 59.966 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD078297.D

Acq: 31 Jan 2024 18:08

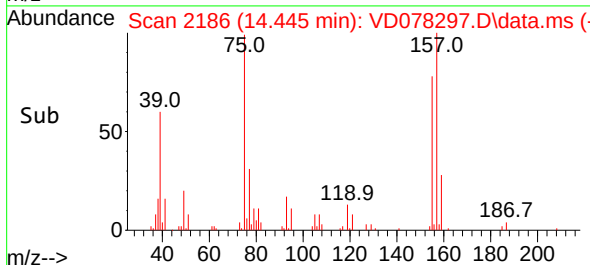
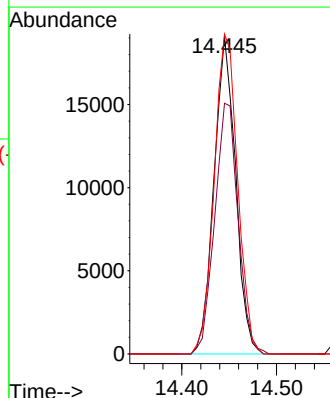
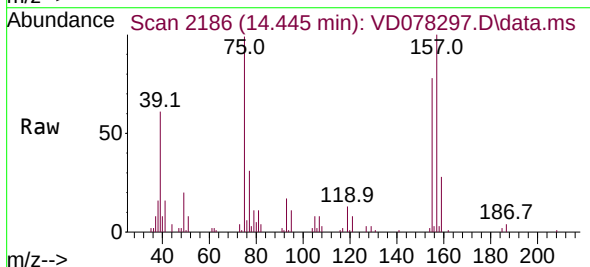
Tgt Ion: 75 Resp: 30148

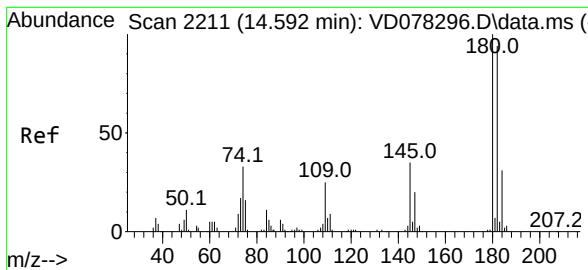
Ion Ratio Lower Upper

75 100

155 78.9 61.6 92.4

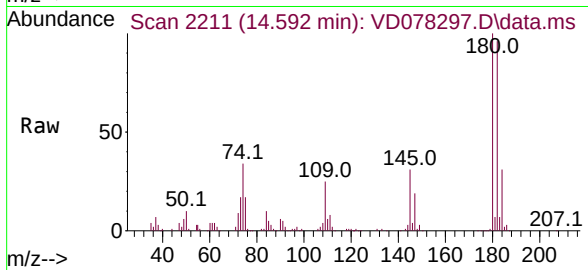
157 100.7 78.1 117.1



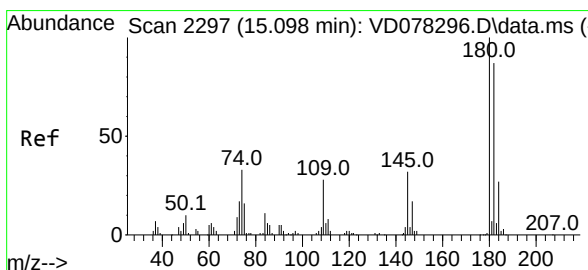
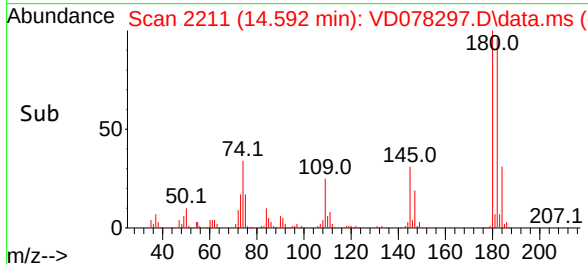
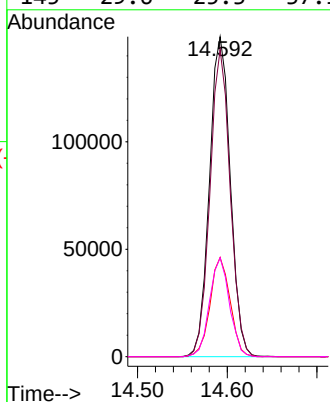


#69
 1,3,5-Trichlorobenzene
 Concen: 50.617 ug/L
 RT: 14.592 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD078297.D
 Acq: 31 Jan 2024 18:08

Instrument :
 MSVOA_D
 ClientSampleId :

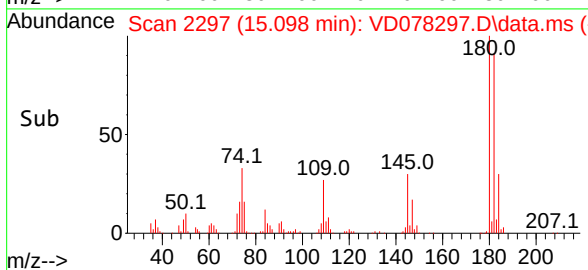
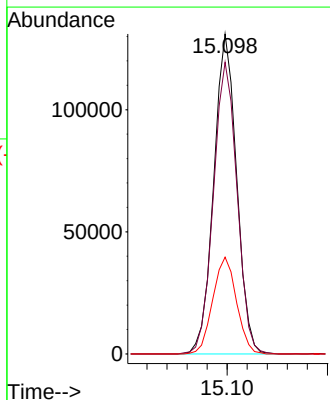
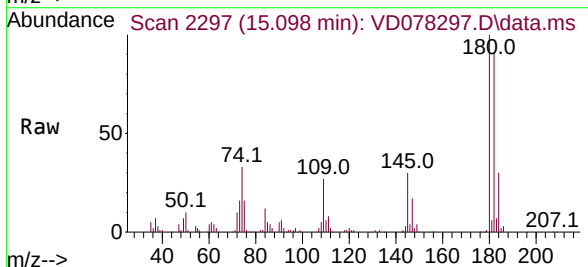


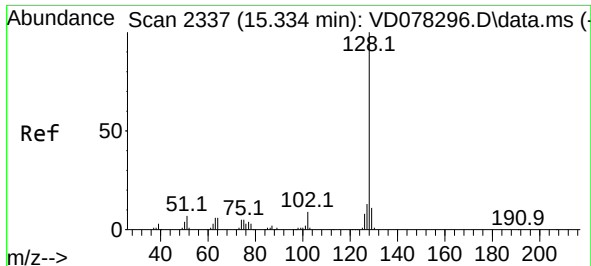
Tgt Ion:180 Resp: 239773
 Ion Ratio Lower Upper
 180 100
 182 93.2 75.6 113.4
 184 30.0 23.2 34.8
 145 29.6 25.3 37.9



#70
 1,2,4-trichlorobenzene
 Concen: 51.508 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD078297.D
 Acq: 31 Jan 2024 18:08

Tgt Ion:180 Resp: 207500
 Ion Ratio Lower Upper
 180 100
 182 93.9 76.2 114.4
 145 31.3 25.0 37.6

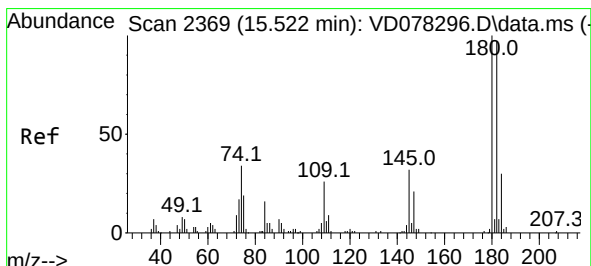
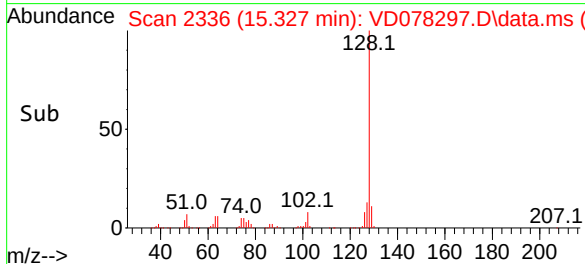
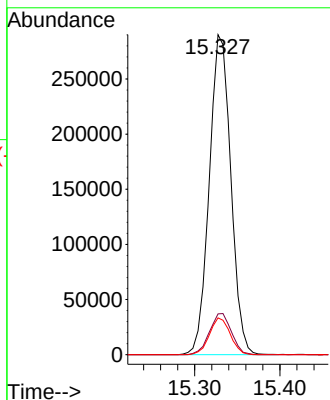
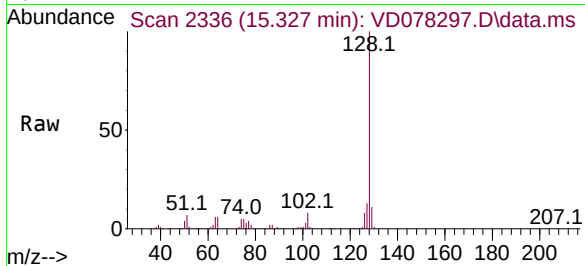




#71
Naphthalene
Concen: 65.177 ug/L
RT: 15.327 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	11.0	16.4
129	11.0	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 53.003 ug/L
RT: 15.521 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078297.D
Acq: 31 Jan 2024 18:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.4	113.0
145	32.7	26.8	40.2

