

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090123\
 Data File : VD077082.D
 Acq On : 01 Sep 2023 12:13
 Operator : JC/SY
 Sample : VSTD10068
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 02 01:23:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:20:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	298346	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	304521	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	169461	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	707463	81.618	ug/L	0.00
7) Chloroethane-d5	2.793	69	563631	72.372	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	161170	79.966	ug/L	0.00
21) 2-Butanone-d5	6.987	46	173383	134.644	ug/L	0.00
24) Chloroform-d	7.569	84	759337	76.593	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	369991	75.363	ug/L	0.00
32) Benzene-d6	8.198	84	1585586	80.340	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	441990	74.141	ug/L	0.00
41) Toluene-d8	10.269	98	1529477	84.650	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	211630	77.792	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	150570	137.710	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	391516	69.199	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	519704	82.442	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	342271	69.632	ug/L	98
3) Chloromethane	2.146	50	559185	86.986	ug/L	99
5) Vinyl chloride	2.281	62	683966	74.934	ug/L	100
6) Bromomethane	2.687	94	496223	73.830	ug/L	95
8) Chloroethane	2.834	64	447198	73.330	ug/L	98
9) Trichlorofluoromethane	3.169	101	604684	79.028	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	396990	79.772	ug/L	99
12) 1,1-Dichloroethene	3.940	96	366549	82.895	ug/L	93
13) Acetone	4.016	43	186498	138.884	ug/L	99
14) Carbon disulfide	4.269	76	1129481	74.953	ug/L	100
15) Methyl Acetate	4.563	43	149912	67.425	ug/L #	77
16) Methylene chloride	4.793	84	402800	63.951	ug/L	99
17) trans-1,2-Dichloroethene	5.310	96	403304	81.335	ug/L	93
18) Methyl tert-butyl Ether	5.310	73	875200	80.768	ug/L #	89
19) 1,1-Dichloroethane	6.104	63	641173	77.164	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	450146	80.896	ug/L	97
22) 2-Butanone	7.075	43	237619	128.519	ug/L	98
23) Bromochloromethane	7.428	128	203669	75.475	ug/L	98
25) Chloroform	7.593	83	717995	78.696	ug/L	99
27) 1,2-Dichloroethane	8.322	62	423615	74.656	ug/L	98
29) Cyclohexane	7.875	56	549377	82.564	ug/L	99
30) 1,1,1-Trichloroethane	7.787	97	610735	79.961	ug/L	98
31) Carbon tetrachloride	7.987	117	534519	84.991	ug/L	99
33) Benzene	8.251	78	1625527	81.217	ug/L	100
34) Trichloroethene	9.028	95	422204	80.675	ug/L	97
35) Methylcyclohexane	9.275	83	706910	83.746	ug/L	98
37) 1,2-Dichloropropane	9.304	63	399789	78.913	ug/L	100
38) Bromodichloromethane	9.581	83	537517	76.943	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	676743	82.760	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	452369	143.811	ug/L	99
42) Toluene	10.334	91	1810987	83.232	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	578594	81.133	ug/L	99

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 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:20:28 2023
 Response via : Initial Calibration

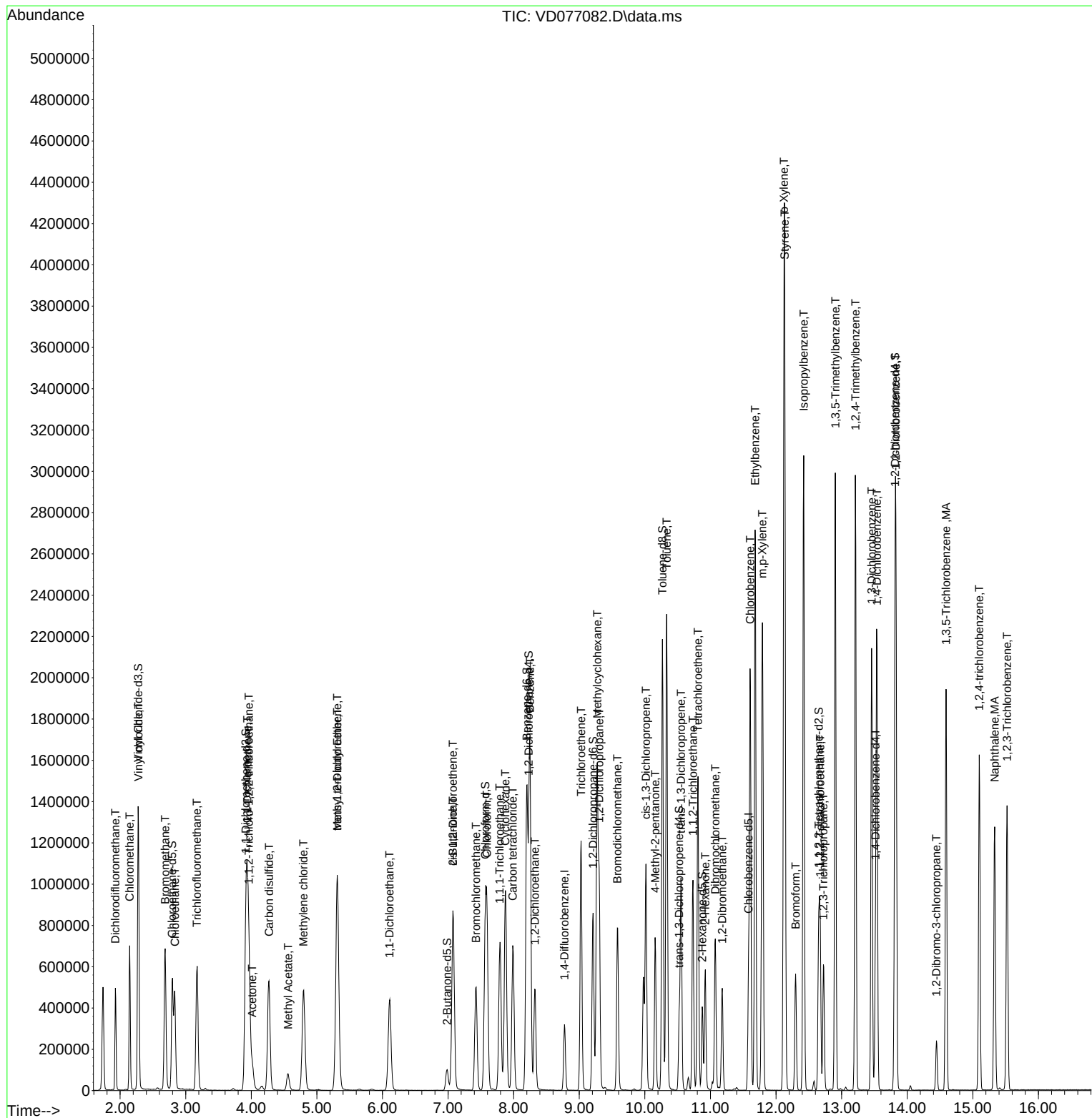
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	339212	76.259	ug/L	93
46) Tetrachloroethene	10.810	164	347497	87.275	ug/L	98
48) 2-Hexanone	10.922	43	345938	143.508	ug/L	98
49) Dibromochloromethane	11.075	129	394991	78.356	ug/L	95
50) 1,2-Dibromoethane	11.181	107	334360	76.472	ug/L	94
51) Chlorobenzene	11.604	112	1174082	82.003	ug/L	97
52) Ethylbenzene	11.681	91	2006310	86.349	ug/L	99
53) m,p-Xylene	11.792	106	781363	86.866	ug/L	99
54) o-Xylene	12.122	106	780515	90.185	ug/L	98
55) Styrene	12.134	104	1378468	88.229	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	386310	70.466	ug/L	98
59) Bromoform	12.298	173	254851	75.646	ug/L	99
60) Isopropylbenzene	12.422	105	2037834	83.952	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	254558	65.927	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	1617283	87.080	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	1598112	86.815	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	915856	81.999	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	916940	79.662	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	844315	80.927	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	56800	63.534	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	614388	87.596	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	533090	86.657	ug/L	100
71) Naphthalene	15.333	128	1121428	79.475	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	483646	86.946	ug/L	98

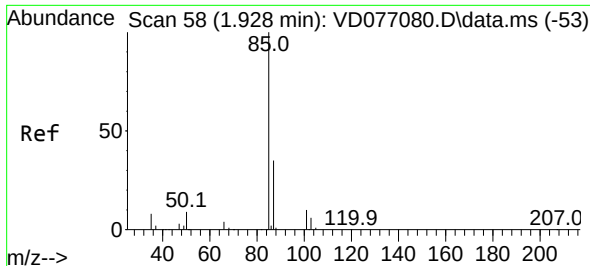
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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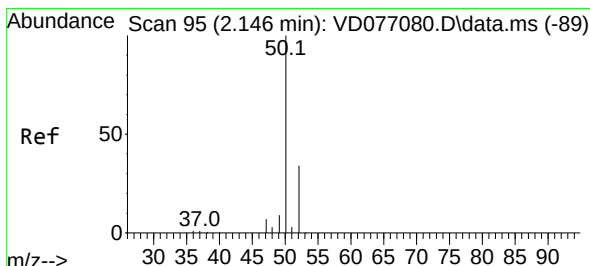
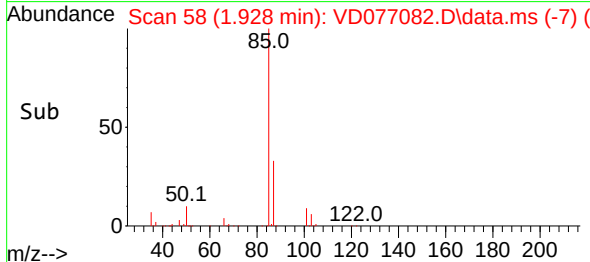
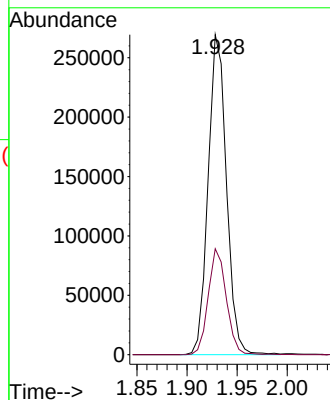
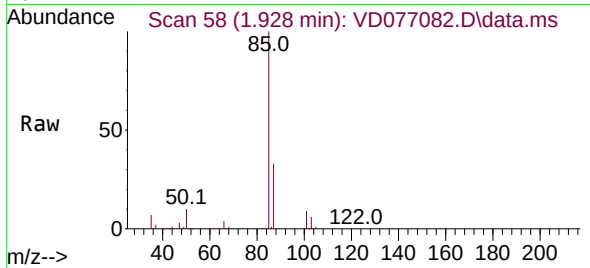




#2
Dichlorodifluoromethane
Concen: 69.632 ug/L
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

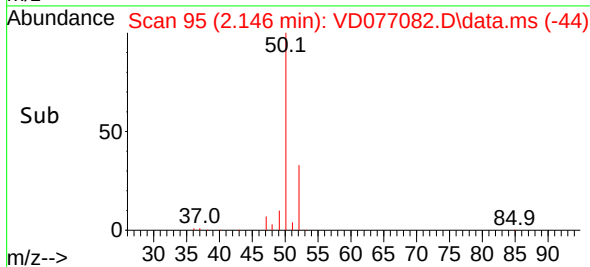
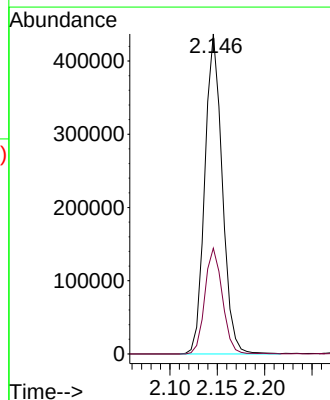
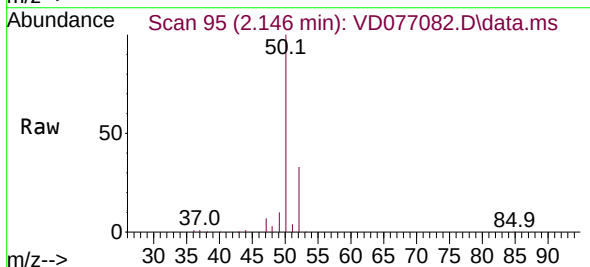
Instrument :
MSVOA_D
ClientSampleId :

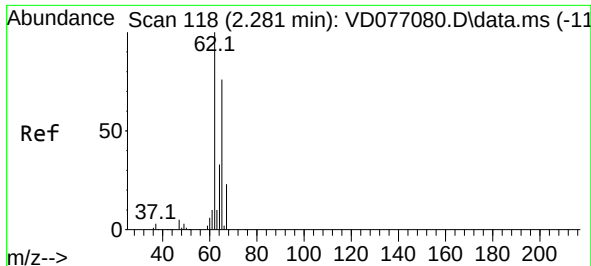
Tgt Ion: 85 Resp: 342271
Ion Ratio Lower Upper
85 100
87 32.6 27.0 40.6



#3
Chloromethane
Concen: 86.986 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

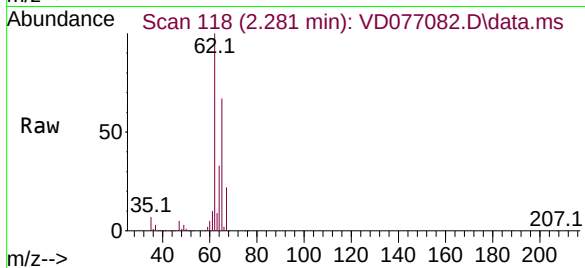
Tgt Ion: 50 Resp: 559185
Ion Ratio Lower Upper
50 100
52 33.0 23.5 43.7



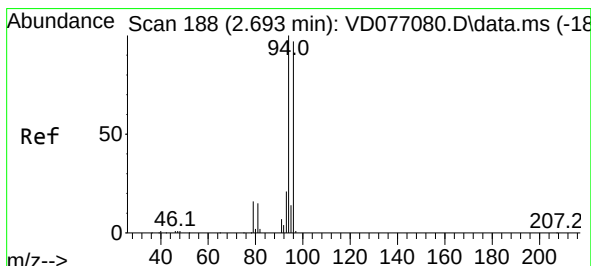
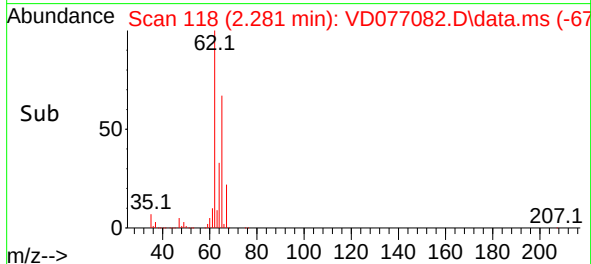
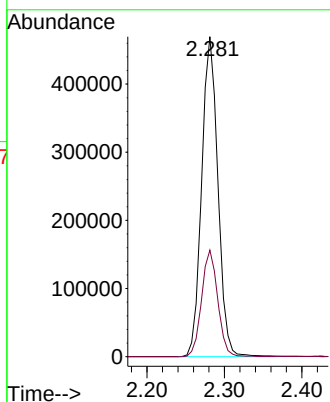


#5
 Vinyl chloride
 Concen: 74.934 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD077082.D
 Acq: 01 Sep 2023 12:13

Instrument :
 MSVOA_D
 ClientSampleId :

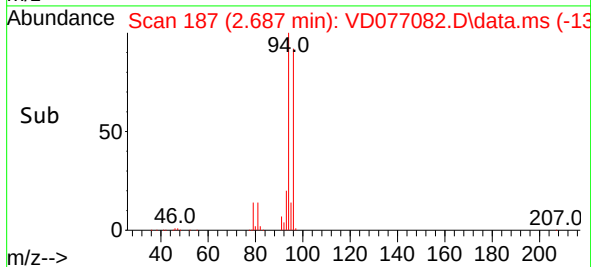
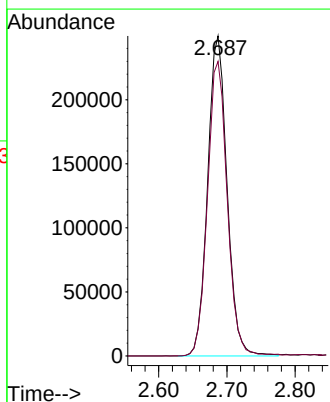
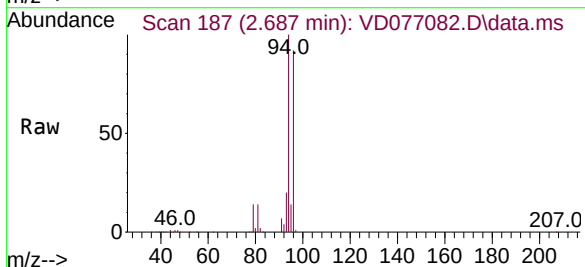


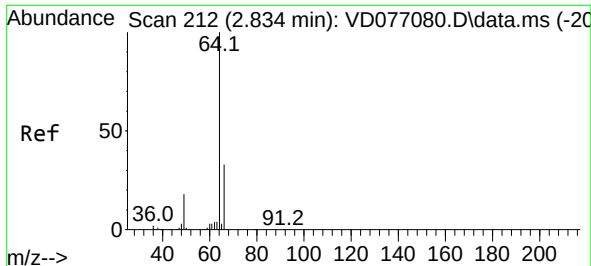
Tgt Ion: 62 Resp: 683966
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.2 43.2



#6
 Bromomethane
 Concen: 73.830 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD077082.D
 Acq: 01 Sep 2023 12:13

Tgt Ion: 94 Resp: 496223
 Ion Ratio Lower Upper
 94 100
 96 92.1 68.2 126.6

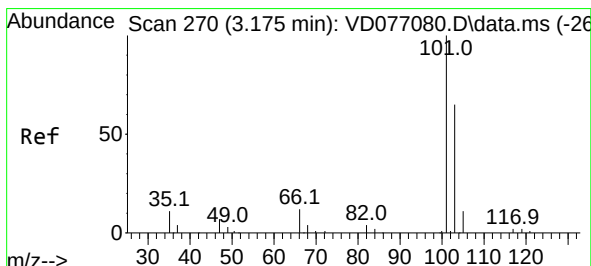
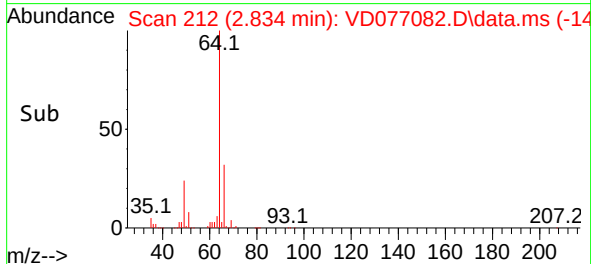
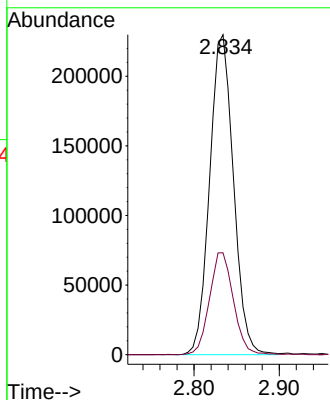
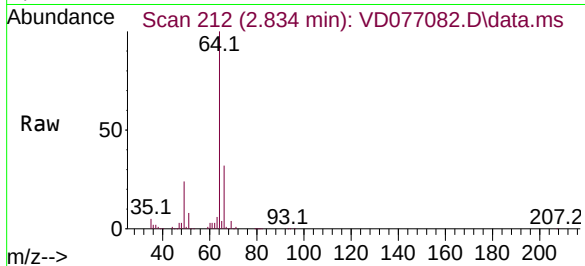




#8
Chloroethane
Concen: 73.330 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

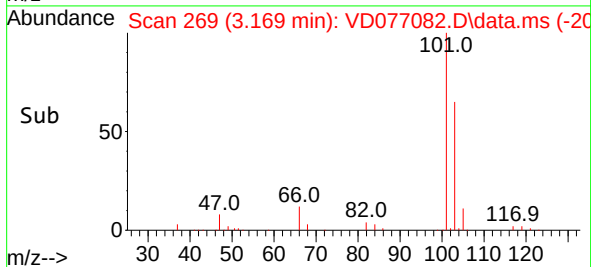
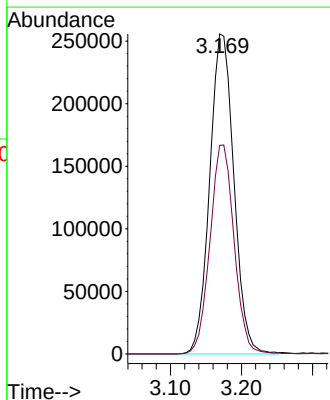
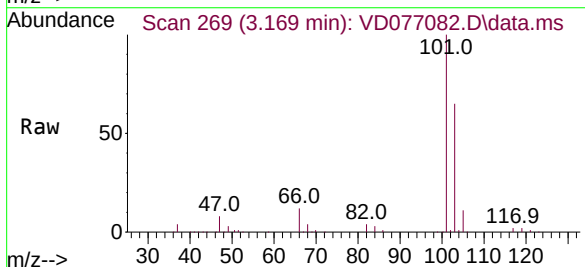
Instrument :
MSVOA_D
ClientSampleId :

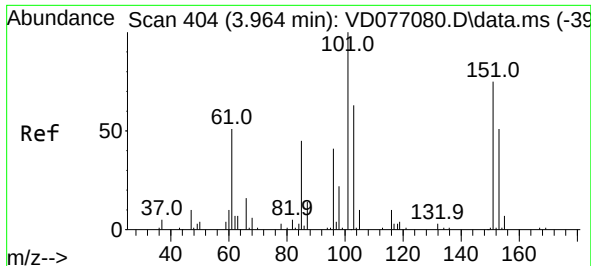
Tgt Ion: 64 Resp: 447198
Ion Ratio Lower Upper
64 100
66 31.8 23.0 42.6



#9
Trichlorofluoromethane
Concen: 79.028 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

Tgt Ion:101 Resp: 604684
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 79.772 ug/L

RT: 3.963 min Scan# 40

Delta R.T. -0.000 min

Lab File: VD077082.D

Acq: 01 Sep 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :

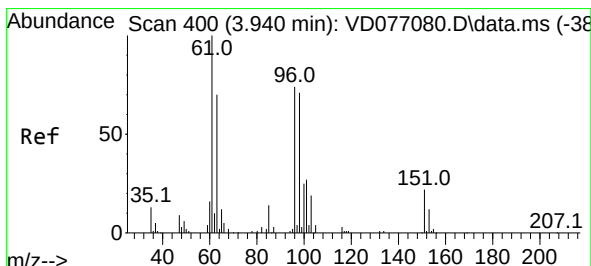
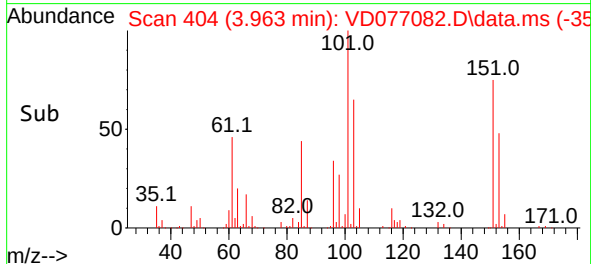
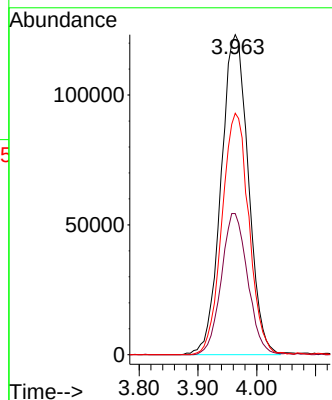
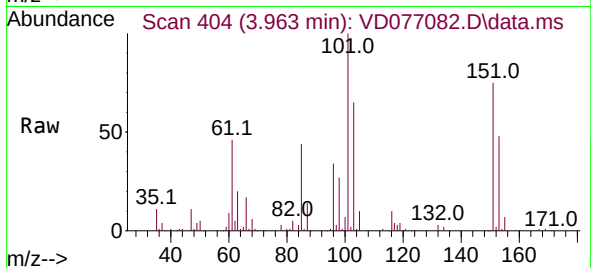
Tgt Ion:101 Resp: 396990

Ion Ratio Lower Upper

101 100

85 42.6 33.4 50.2

151 74.4 59.6 89.4



#12

1,1-Dichloroethene

Concen: 82.895 ug/L

RT: 3.940 min Scan# 400

Delta R.T. -0.000 min

Lab File: VD077082.D

Acq: 01 Sep 2023 12:13

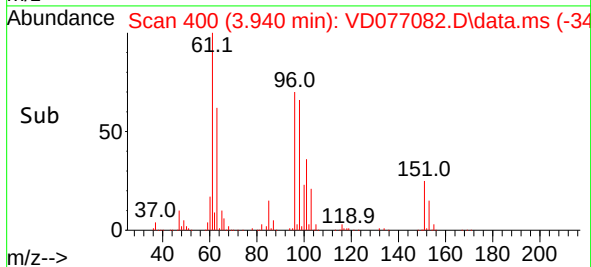
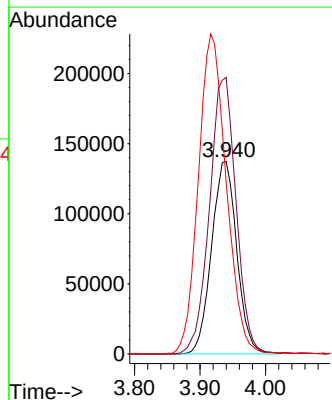
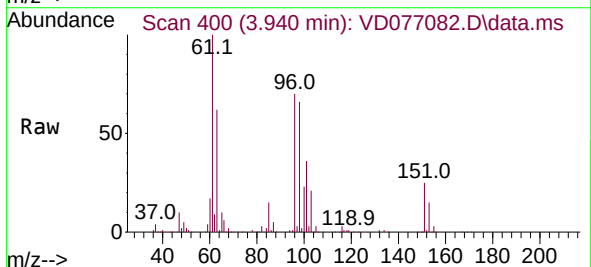
Tgt Ion: 96 Resp: 366549

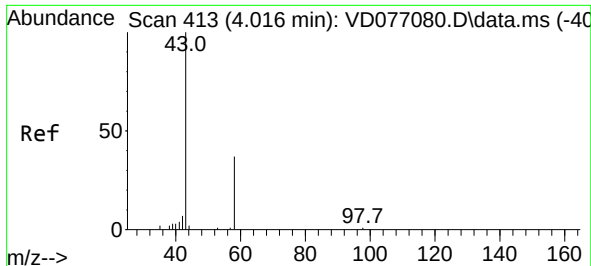
Ion Ratio Lower Upper

96 100

61 143.6 95.5 177.3

63 89.4 68.6 127.4

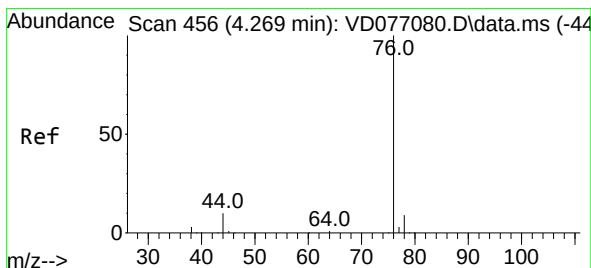
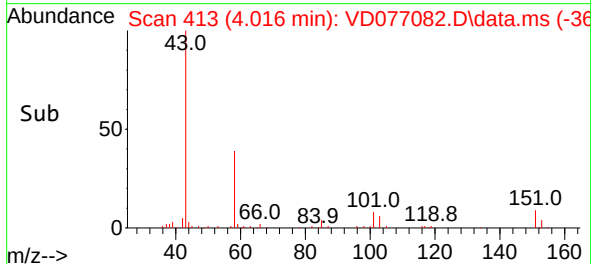
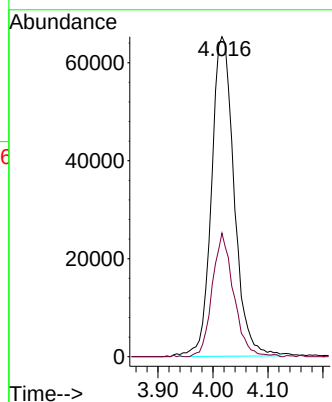
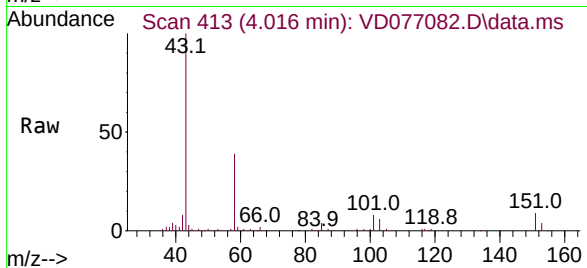




#13
Acetone
Concen: 138.884 ug/L
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

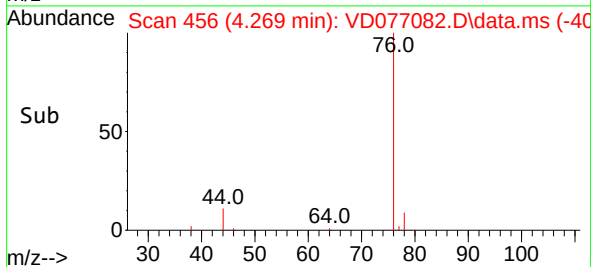
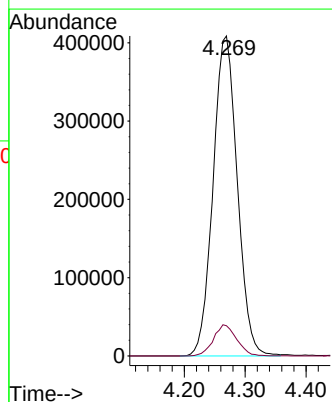
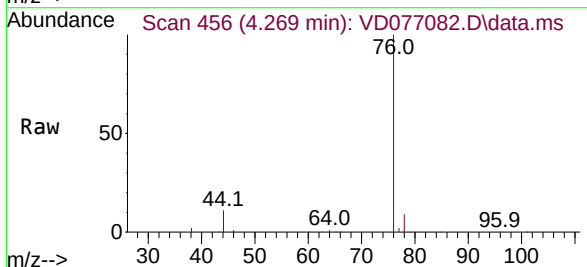
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MSVOA_D
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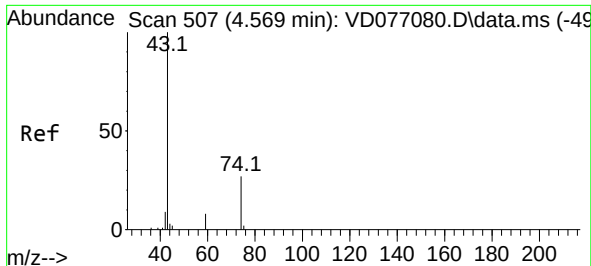
Tgt Ion: 43 Resp: 186498
Ion Ratio Lower Upper
43 100
58 36.5 0.0 71.8



#14
Carbon disulfide
Concen: 74.953 ug/L
RT: 4.269 min Scan# 456
Delta R.T. -0.000 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

Tgt Ion: 76 Resp: 1129481
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

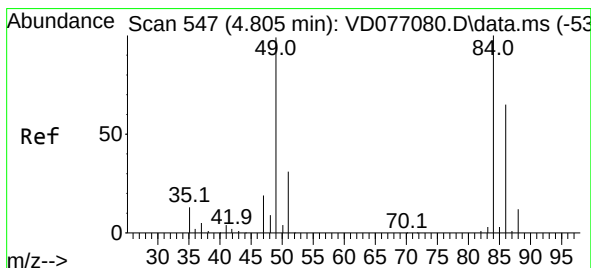
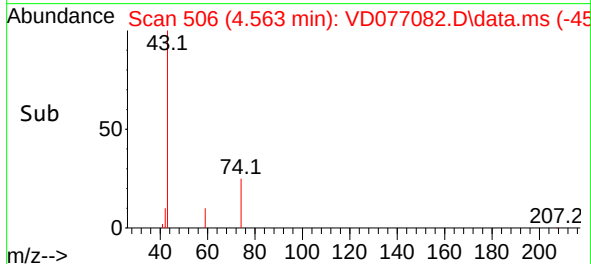
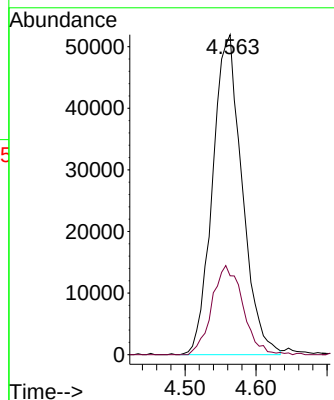
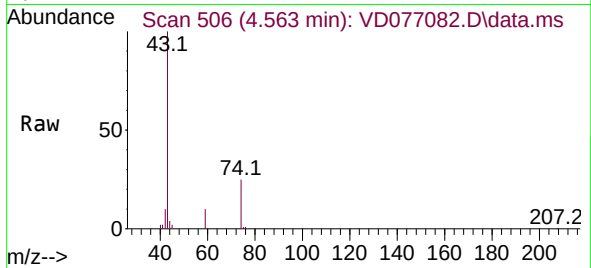




#15
Methyl Acetate
Concen: 67.425 ug/L
RT: 4.563 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

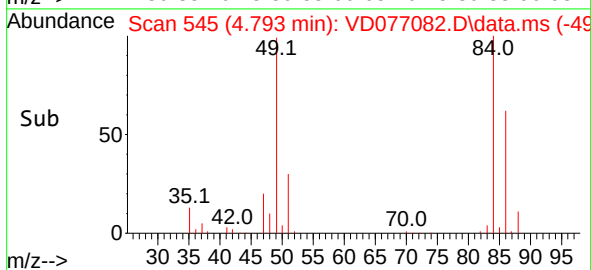
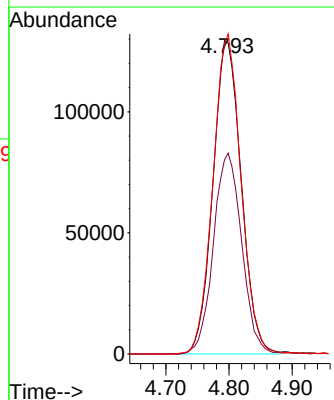
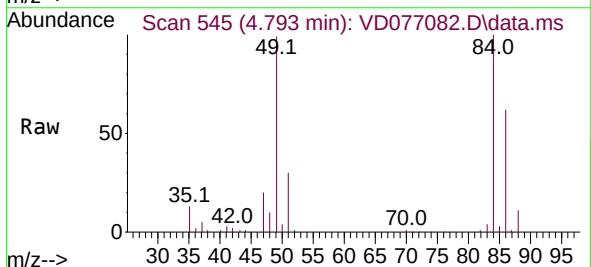
Instrument :
MSVOA_D
ClientSampleId :

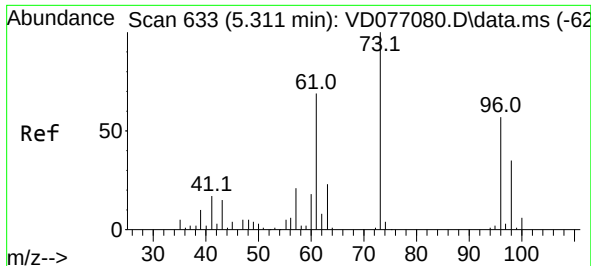
Tgt Ion: 43 Resp: 149912
Ion Ratio Lower Upper
43 100
74 29.2 0.2 0.2#



#16
Methylene chloride
Concen: 63.951 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.012 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

Tgt Ion: 84 Resp: 402800
Ion Ratio Lower Upper
84 100
86 61.9 45.3 84.1
49 98.7 69.2 128.6





#17

trans-1,2-Dichloroethene

Concen: 81.335 ug/L

RT: 5.310 min Scan# 61

Delta R.T. -0.000 min

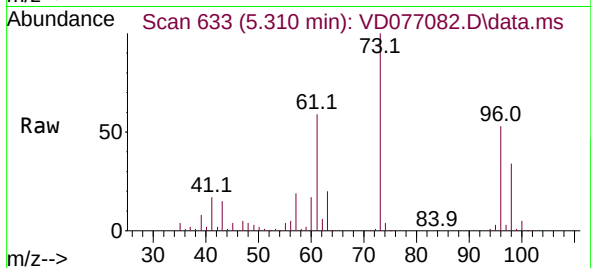
Lab File: VD077082.D

Acq: 01 Sep 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :



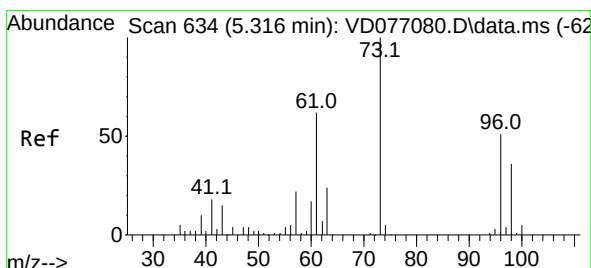
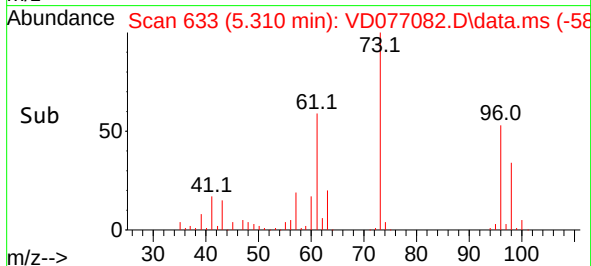
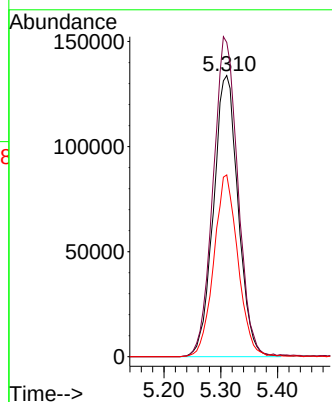
Tgt Ion: 96 Resp: 403304

Ion Ratio Lower Upper

96 100

61 111.8 85.1 158.1

98 64.7 43.7 81.1



#18

Methyl tert-butyl Ether

Concen: 80.768 ug/L

RT: 5.310 min Scan# 633

Delta R.T. -0.006 min

Lab File: VD077082.D

Acq: 01 Sep 2023 12:13

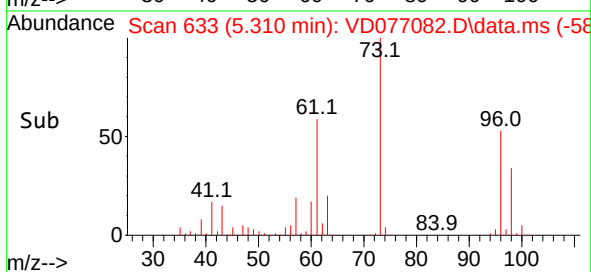
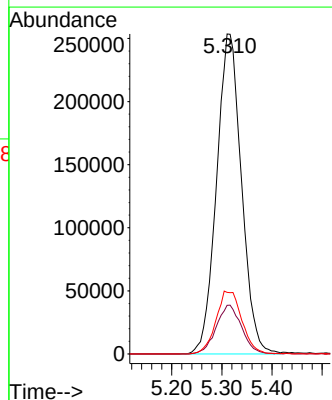
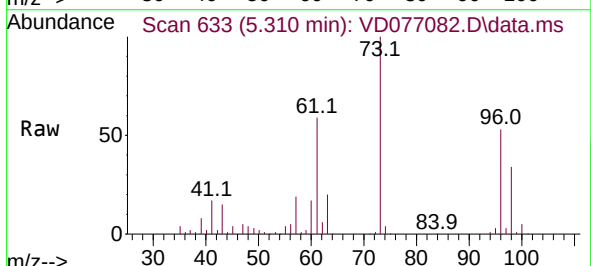
Tgt Ion: 73 Resp: 875200

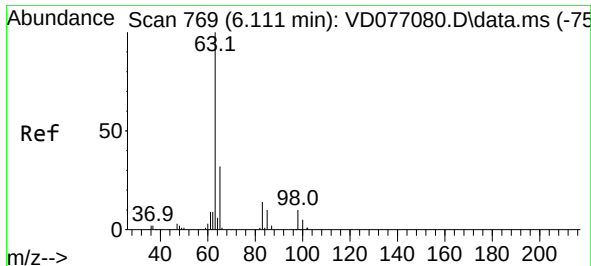
Ion Ratio Lower Upper

73 100

43 15.5 12.5 18.7

57 11.7 16.8 25.2#





#19

1,1-Dichloroethane

Concen: 77.164 ug/L

RT: 6.104 min Scan# 768

Delta R.T. -0.006 min

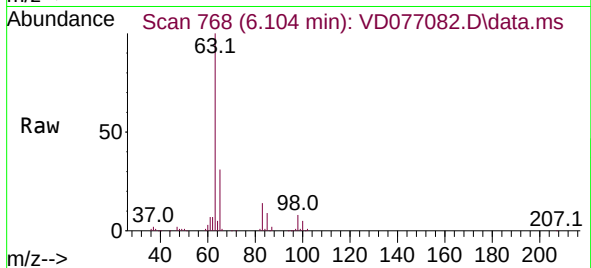
Lab File: VD077082.D

Acq: 01 Sep 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :



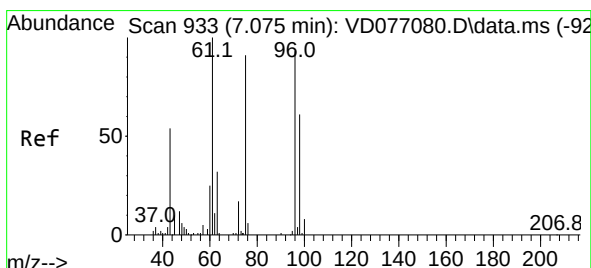
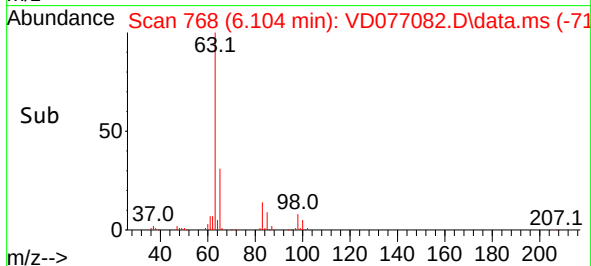
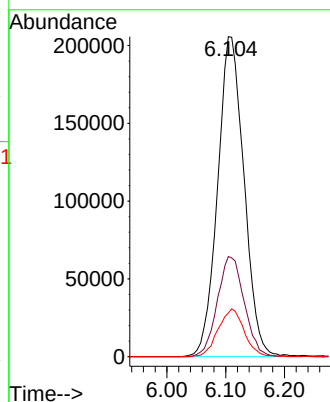
Tgt Ion: 63 Resp: 641173

Ion Ratio Lower Upper

63 100

65 31.3 22.5 41.9

83 13.6 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 80.896 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD077082.D

Acq: 01 Sep 2023 12:13

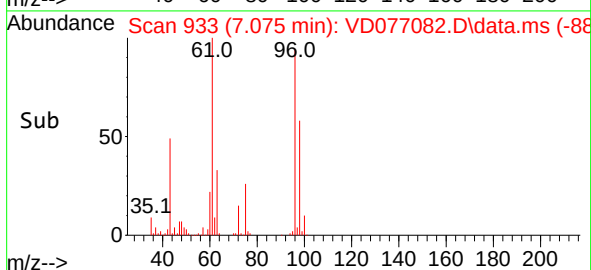
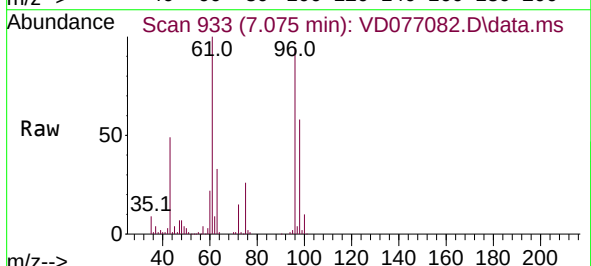
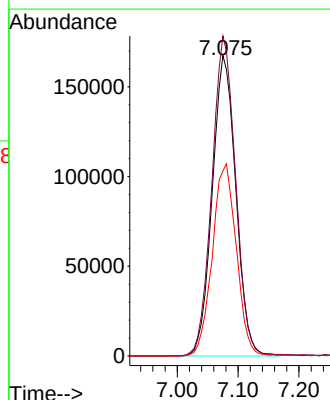
Tgt Ion: 96 Resp: 450146

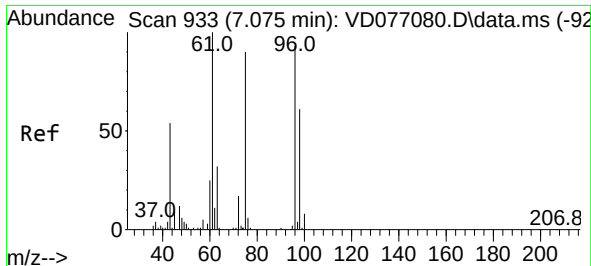
Ion Ratio Lower Upper

96 100

61 106.5 75.5 140.1

98 61.6 45.8 85.0

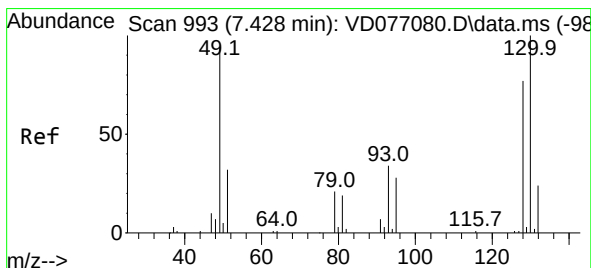
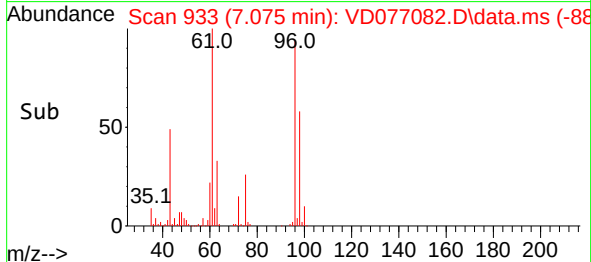
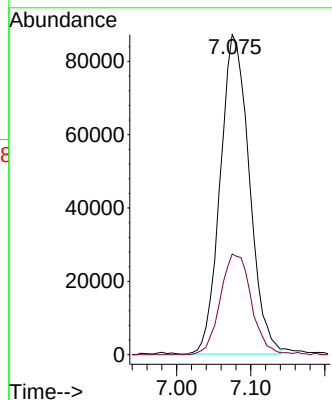
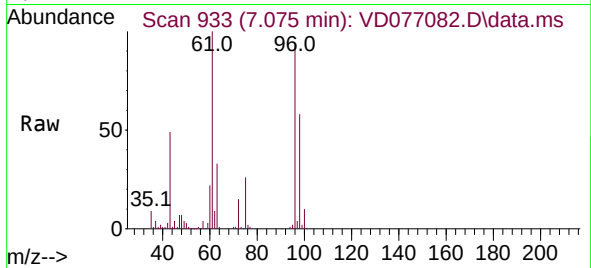




#22
2-Butanone
Concen: 128.519 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

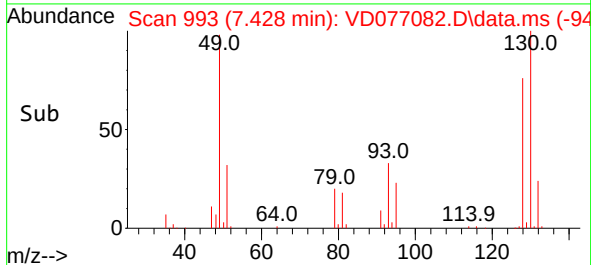
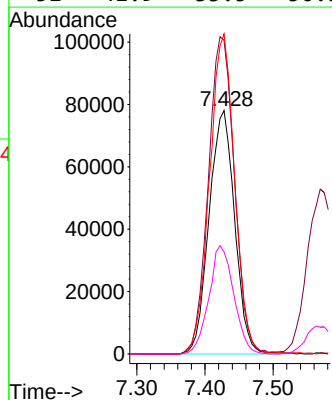
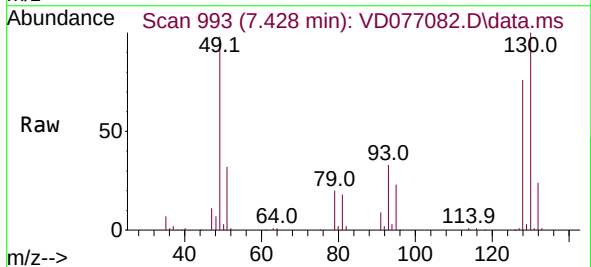
Instrument :
MSVOA_D
ClientSampleId :

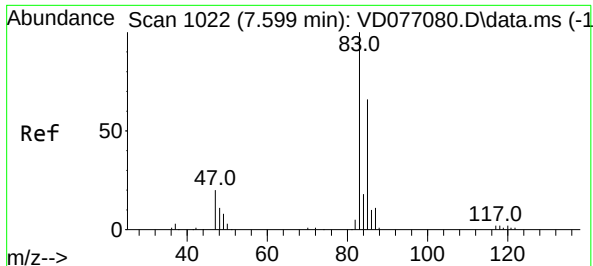
Tgt Ion: 43 Resp: 237619
Ion Ratio Lower Upper
43 100
72 33.4 16.0 48.0



#23
Bromochloromethane
Concen: 75.475 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

Tgt Ion:128 Resp: 203669
Ion Ratio Lower Upper
128 100
49 128.8 86.5 160.6
130 131.5 91.2 169.4
51 41.9 33.5 50.3





#25

Chloroform

Concen: 78.696 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD077082.D

Acq: 01 Sep 2023 12:13

Instrument :

MSVOA_D

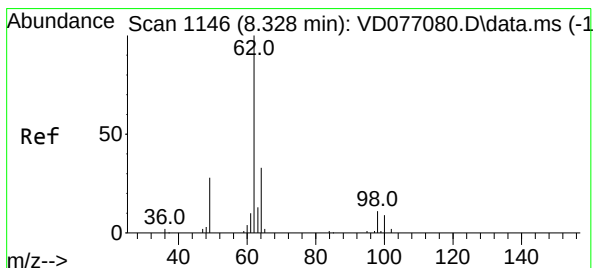
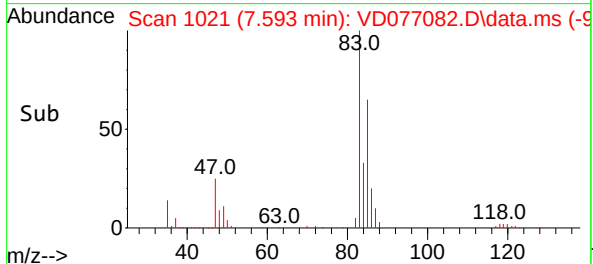
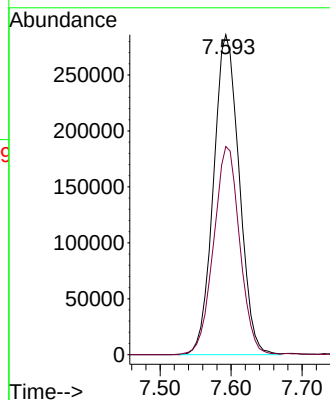
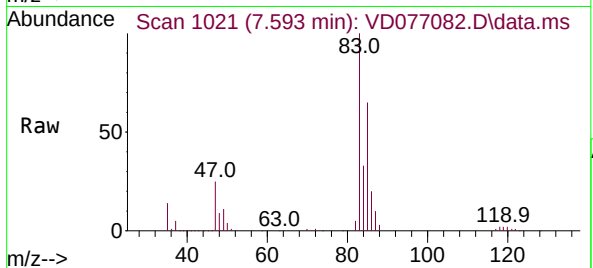
ClientSampleId :

Tgt Ion: 83 Resp: 717995

Ion Ratio Lower Upper

83 100

85 65.1 46.2 85.8



#27

1,2-Dichloroethane

Concen: 74.656 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD077082.D

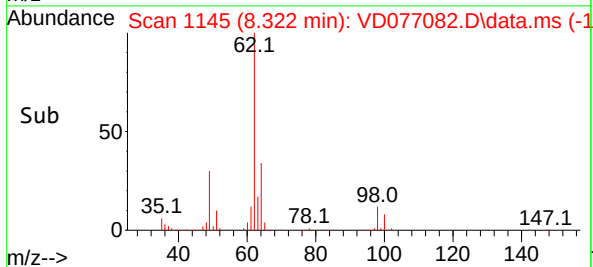
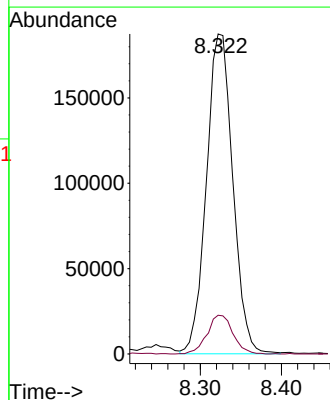
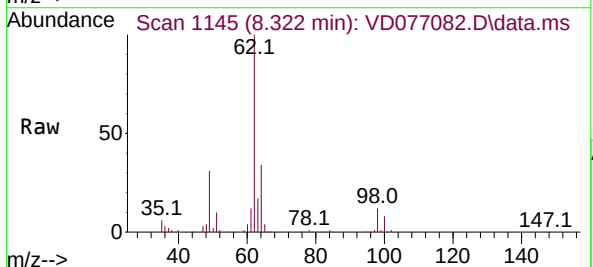
Acq: 01 Sep 2023 12:13

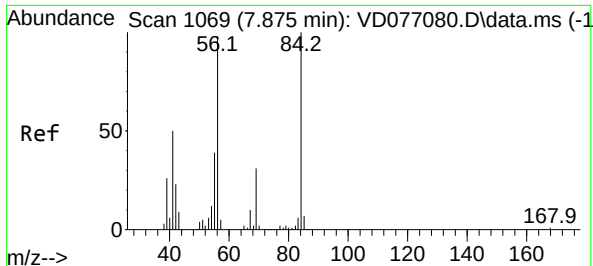
Tgt Ion: 62 Resp: 423615

Ion Ratio Lower Upper

62 100

98 12.1 9.0 13.4





#29

Cyclohexane

Concen: 82.564 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

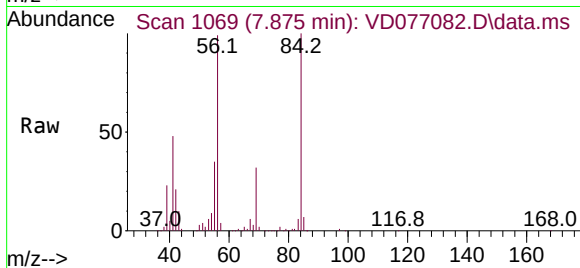
Lab File: VD077082.D

Acq: 01 Sep 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :



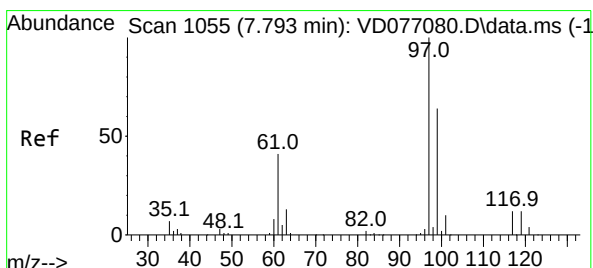
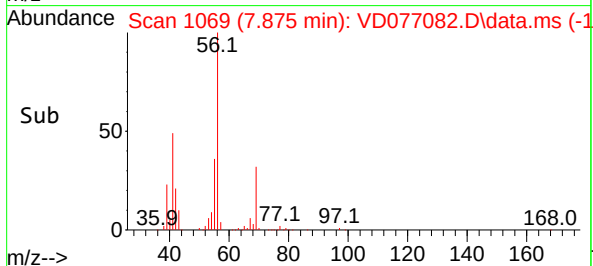
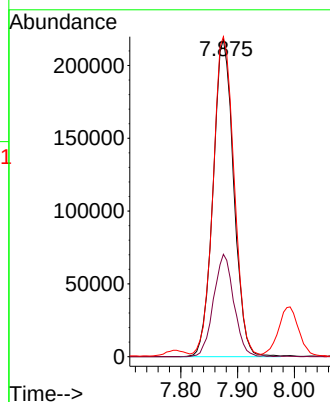
Tgt Ion: 56 Resp: 549377

Ion Ratio Lower Upper

56 100

69 31.7 25.5 38.3

84 102.2 82.6 124.0



#30

1,1,1-Trichloroethane

Concen: 79.961 ug/L

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD077082.D

Acq: 01 Sep 2023 12:13

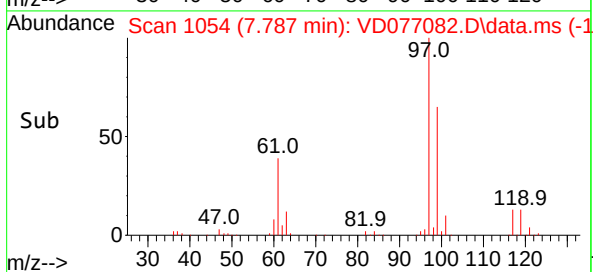
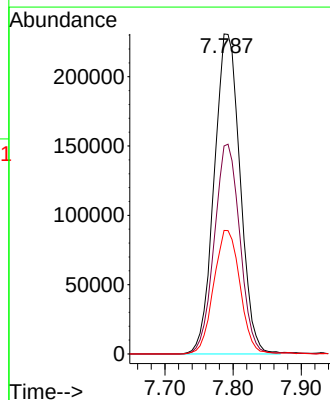
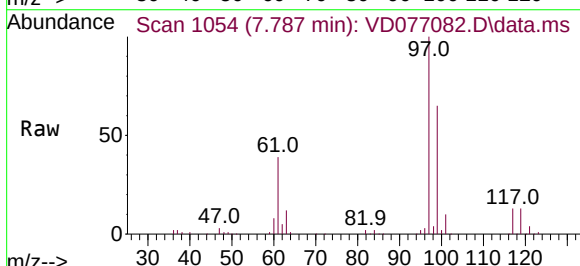
Tgt Ion: 97 Resp: 610735

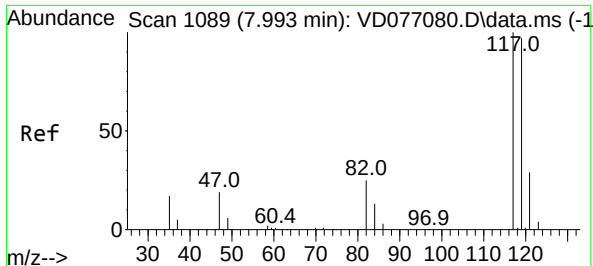
Ion Ratio Lower Upper

97 100

99 64.7 50.7 76.1

61 39.2 32.6 48.8

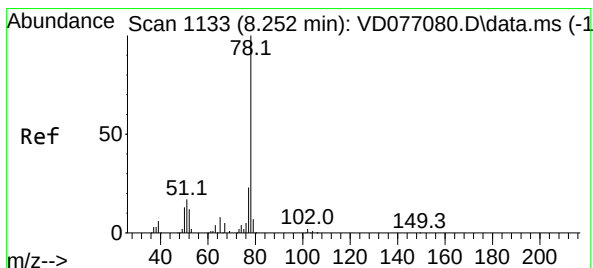
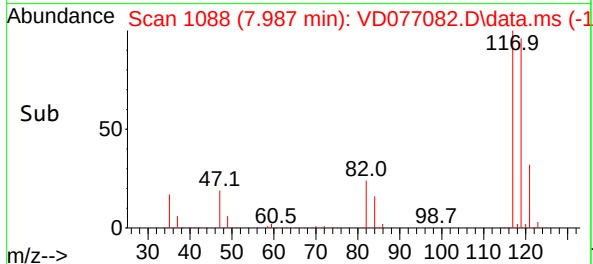
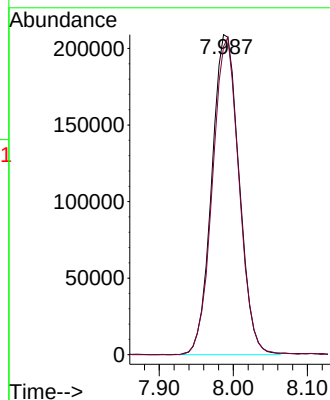
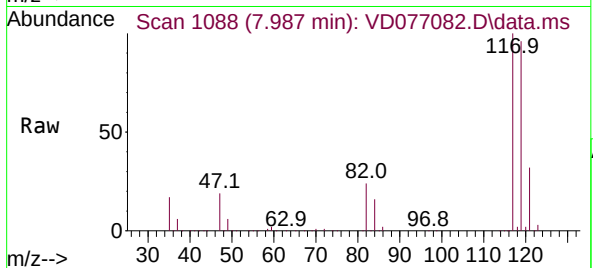




#31
Carbon tetrachloride
Concen: 84.991 ug/L
RT: 7.987 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

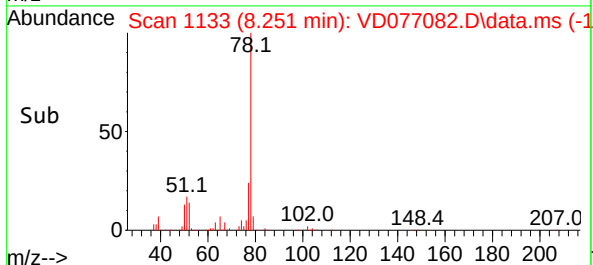
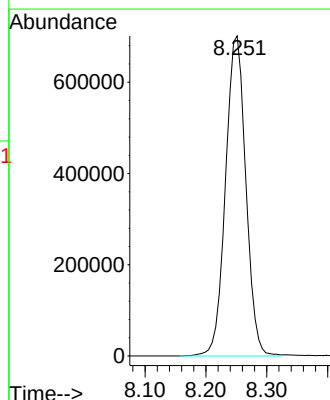
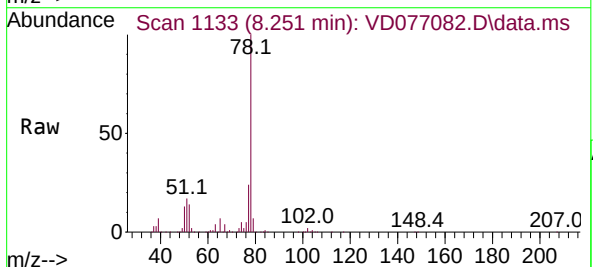
Instrument :
MSVOA_D
ClientSampleId :

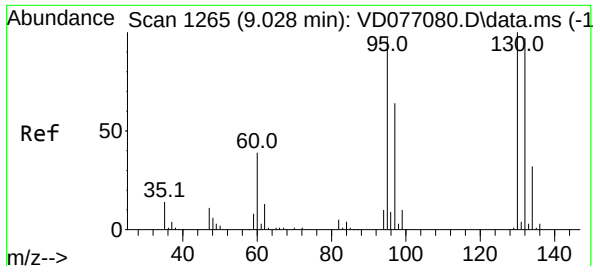
Tgt Ion:117 Resp: 534519
Ion Ratio Lower Upper
117 100
119 96.4 76.2 114.4



#33
Benzene
Concen: 81.217 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

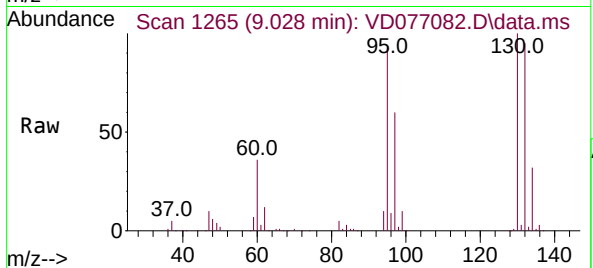
Tgt Ion: 78 Resp: 1625527



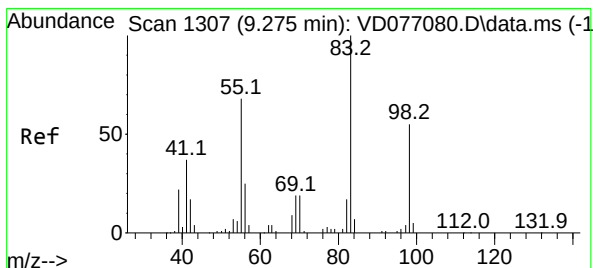
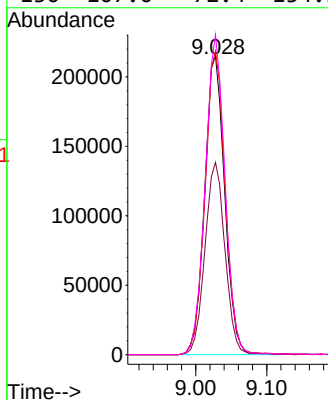
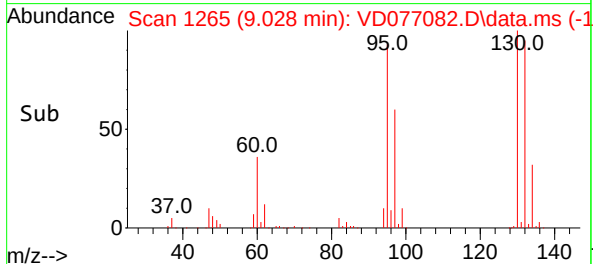


#34
Trichloroethene
Concen: 80.675 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

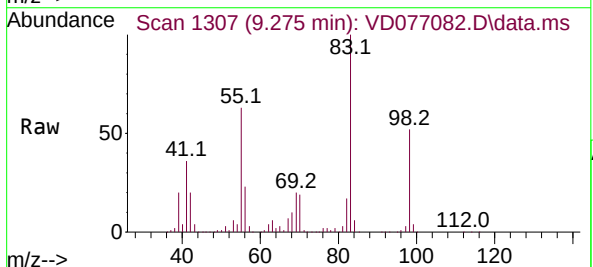
Instrument :
MSVOA_D
ClientSampleId :



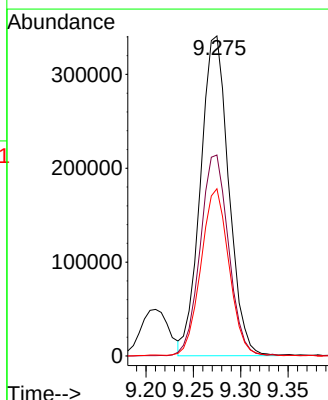
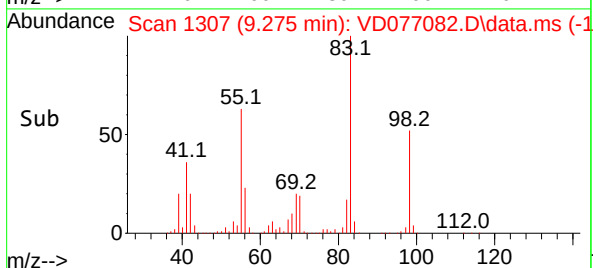
Tgt Ion: 95 Resp: 422204
Ion Ratio Lower Upper
95 100
97 64.3 46.4 86.2
132 101.7 70.1 130.1
130 107.0 72.4 134.5

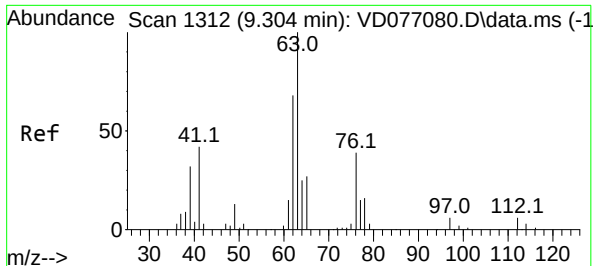


#35
Methylcyclohexane
Concen: 83.746 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13



Tgt Ion: 83 Resp: 706910
Ion Ratio Lower Upper
83 100
55 63.0 51.5 77.3
98 52.0 40.7 61.1





#37

1,2-Dichloropropane

Concen: 78.913 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD077082.D

Acq: 01 Sep 2023 12:13

Instrument :

MSVOA_D

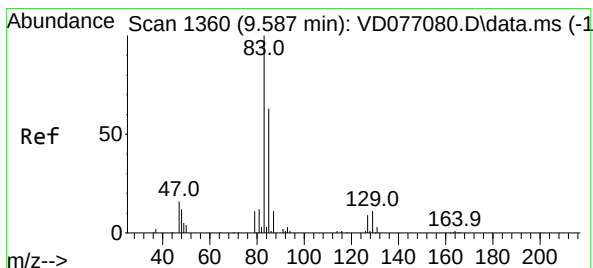
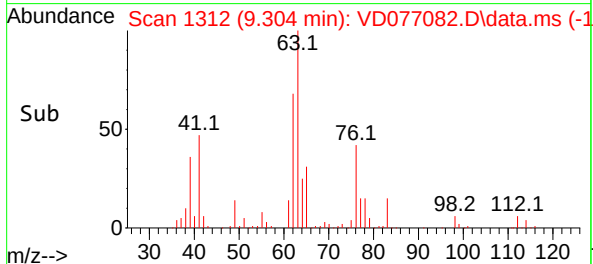
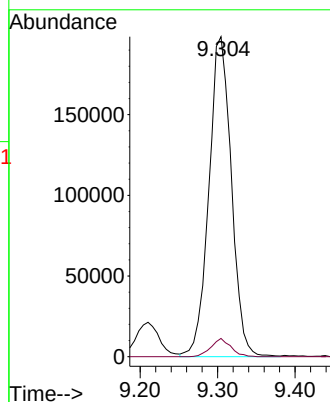
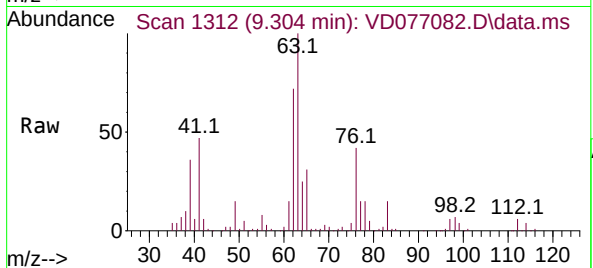
ClientSampleId :

Tgt Ion: 63 Resp: 399789

Ion Ratio Lower Upper

63 100

112 5.0 4.0 6.0



#38

Bromodichloromethane

Concen: 76.943 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD077082.D

Acq: 01 Sep 2023 12:13

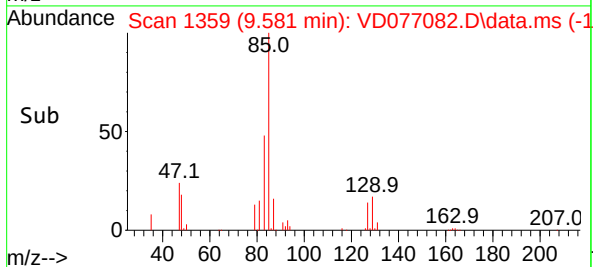
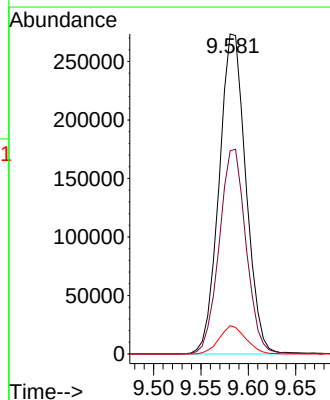
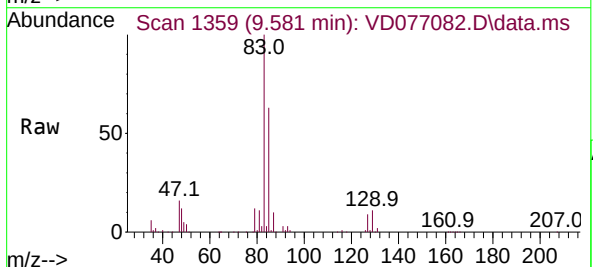
Tgt Ion: 83 Resp: 537517

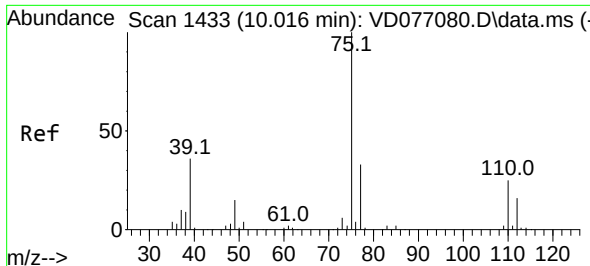
Ion Ratio Lower Upper

83 100

85 63.4 44.0 81.6

127 8.8 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 82.760 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD077082.D

Acq: 01 Sep 2023 12:13

Instrument :

MSVOA_D

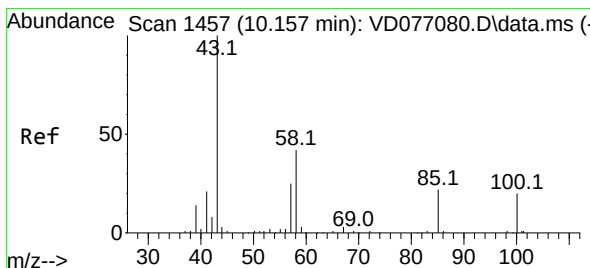
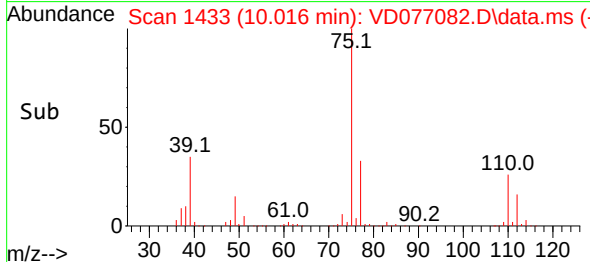
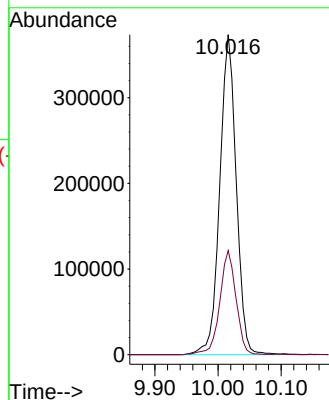
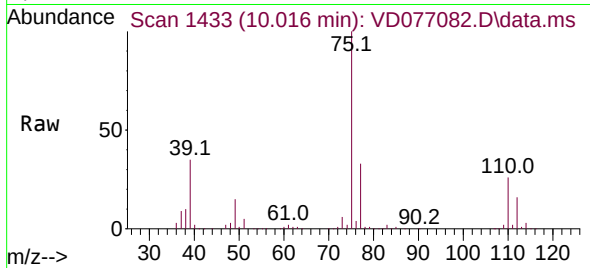
ClientSampleId :

Tgt Ion: 75 Resp: 676743

Ion Ratio Lower Upper

75 100

77 32.6 23.2 43.2



#40

4-Methyl-2-pentanone

Concen: 143.811 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD077082.D

Acq: 01 Sep 2023 12:13

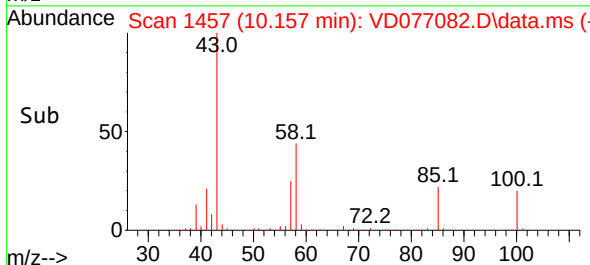
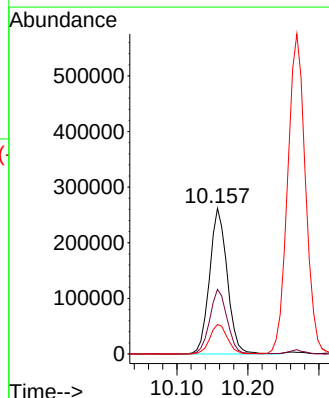
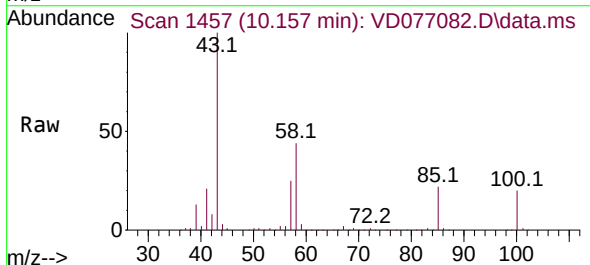
Tgt Ion: 43 Resp: 452369

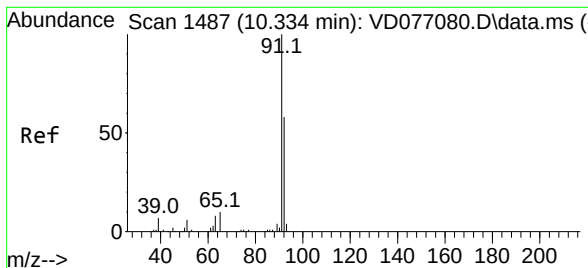
Ion Ratio Lower Upper

43 100

58 43.8 34.6 51.8

100 20.2 16.2 24.4





#42

Toluene

Concen: 83.232 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD077082.D

Acq: 01 Sep 2023 12:13

Instrument :

MSVOA_D

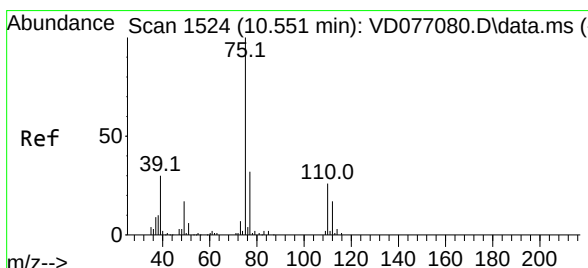
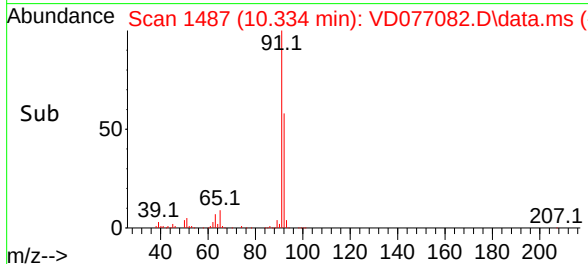
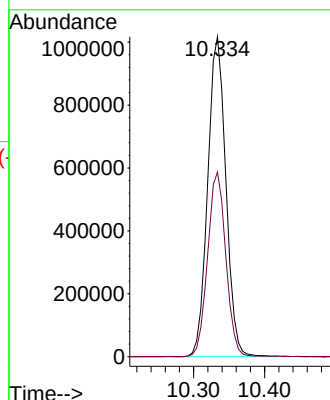
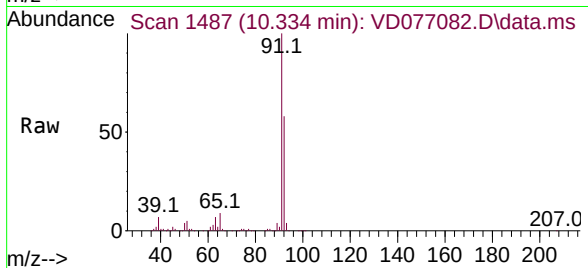
ClientSampleId :

Tgt Ion: 91 Resp: 1810987

Ion Ratio Lower Upper

91 100

92 57.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 81.133 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD077082.D

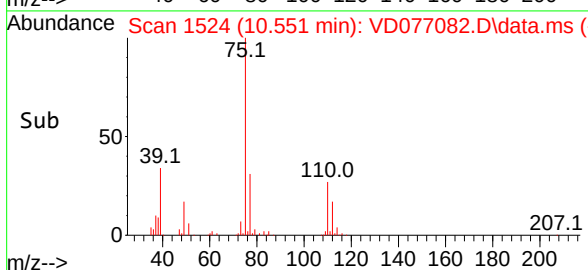
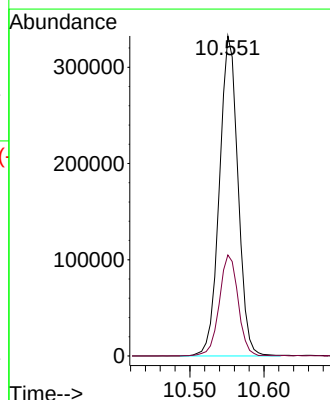
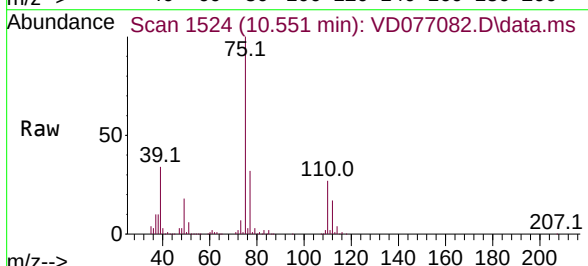
Acq: 01 Sep 2023 12:13

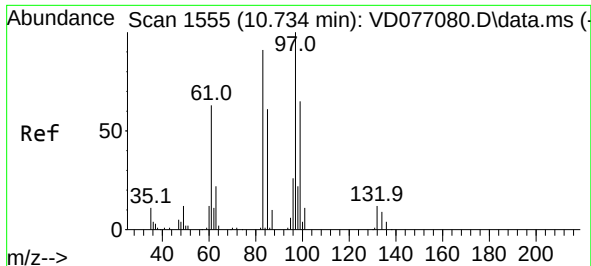
Tgt Ion: 75 Resp: 578594

Ion Ratio Lower Upper

75 100

77 31.5 22.5 41.9

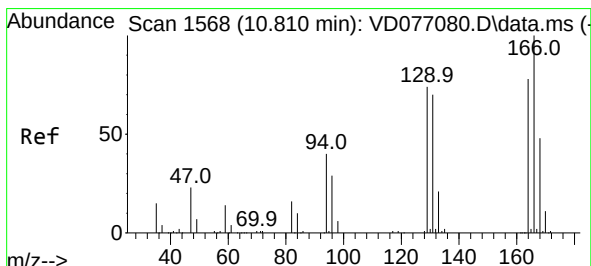
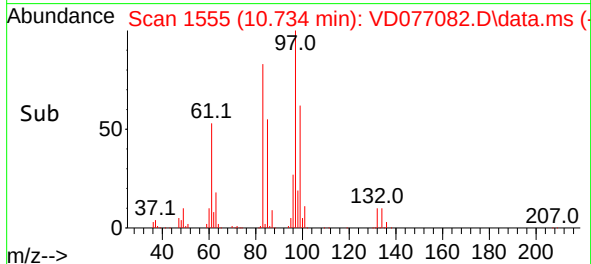
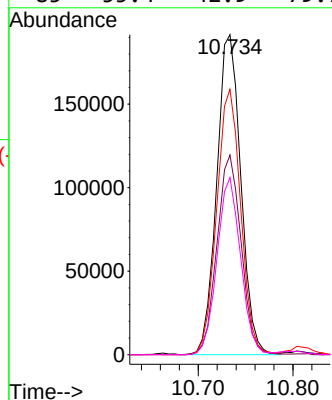
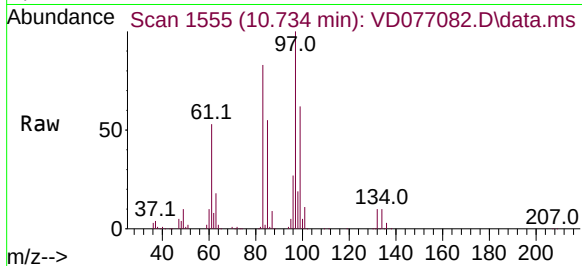




#45
1,1,2-Trichloroethane
Concen: 76.259 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

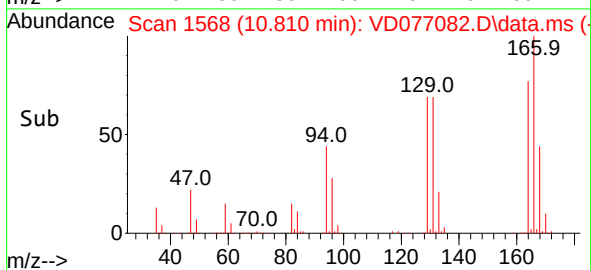
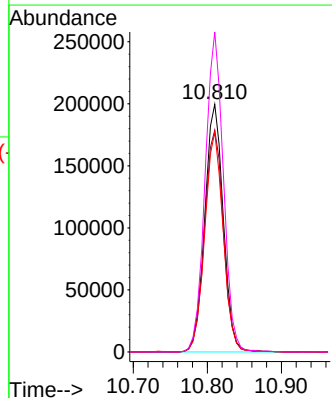
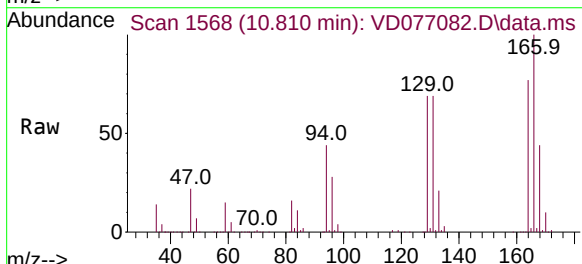
Instrument :
MSVOA_D
ClientSampleId :

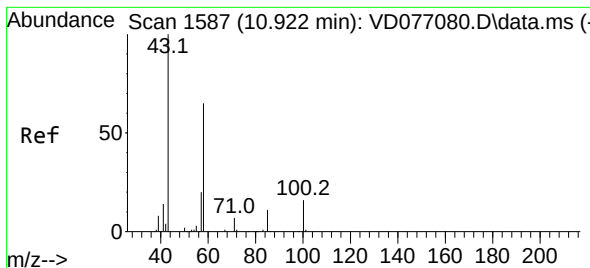
Tgt Ion:	97	Resp:	339212
Ion	Ratio	Lower	Upper
97	100		
99	62.4	46.1	85.5
83	82.9	64.3	119.3
85	55.4	42.9	79.7



#46
Tetrachloroethene
Concen: 87.275 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

Tgt Ion:	164	Resp:	347497
Ion	Ratio	Lower	Upper
164	100		
129	89.6	66.4	123.4
131	88.8	62.6	116.3
166	129.2	89.6	166.4





#48

2-Hexanone

Concen: 143.508 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

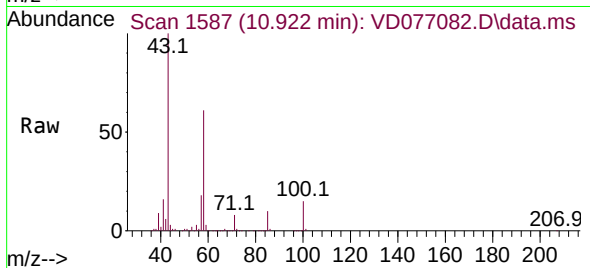
Lab File: VD077082.D

Acq: 01 Sep 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 345938

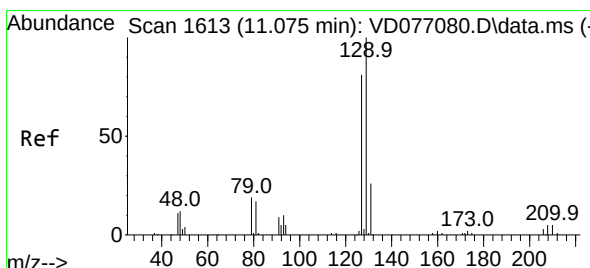
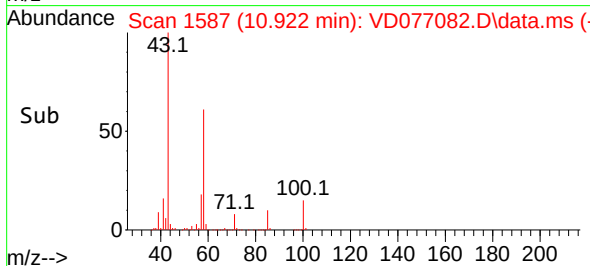
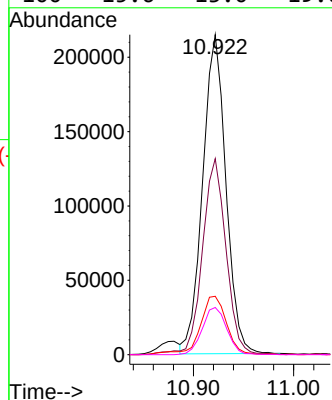
Ion Ratio Lower Upper

43 100

58 61.5 50.6 75.8

57 20.1 16.6 24.8

100 15.6 13.0 19.6



#49

Dibromochloromethane

Concen: 78.356 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD077082.D

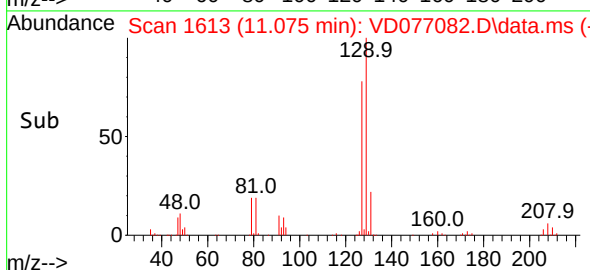
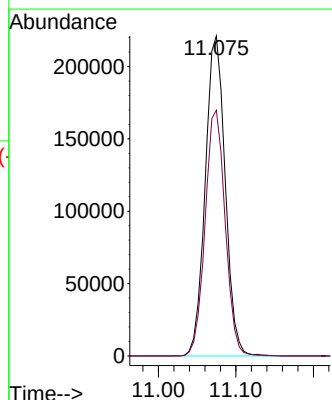
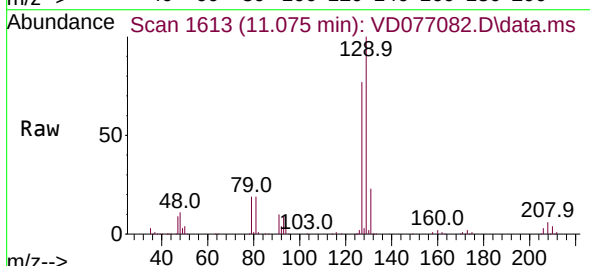
Acq: 01 Sep 2023 12:13

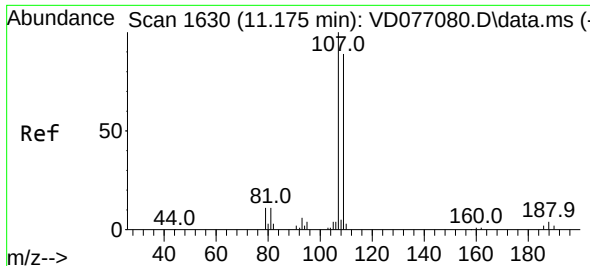
Tgt Ion: 129 Resp: 394991

Ion Ratio Lower Upper

129 100

127 76.8 56.6 105.2

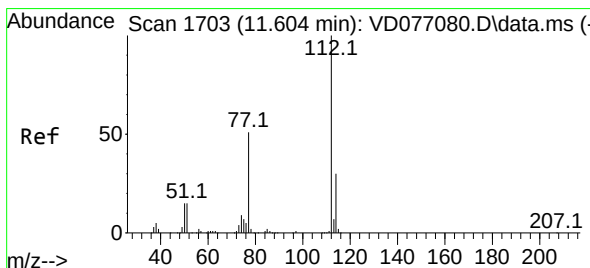
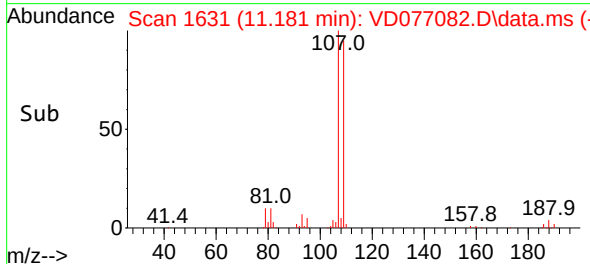
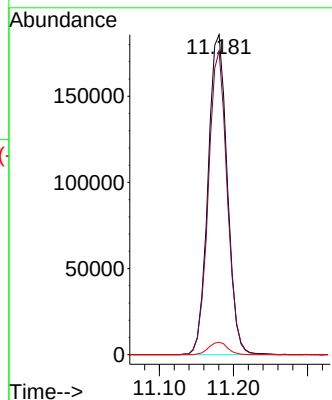
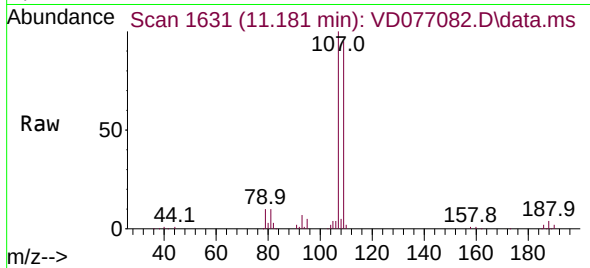




#50
1,2-Dibromoethane
Concen: 76.472 ug/L
RT: 11.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

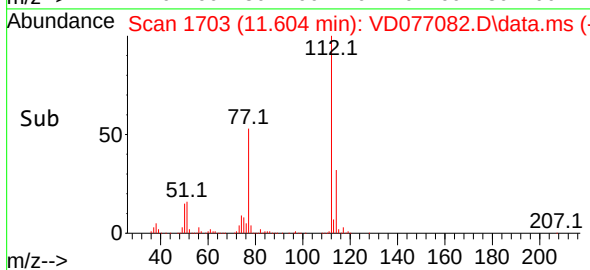
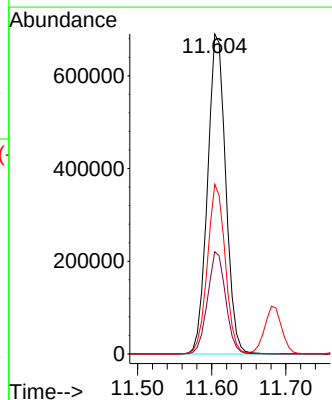
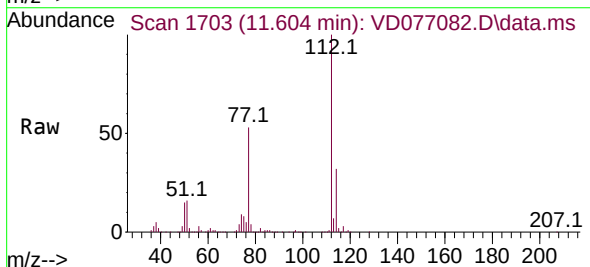
Instrument :
MSVOA_D
ClientSampleId :

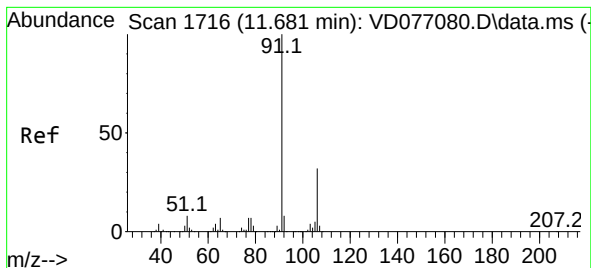
Tgt Ion:107 Resp: 334360
Ion Ratio Lower Upper
107 100
109 95.0 62.4 116.0
188 3.9 3.0 4.4



#51
Chlorobenzene
Concen: 82.003 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

Tgt Ion:112 Resp: 1174082
Ion Ratio Lower Upper
112 100
114 32.0 21.0 39.0
77 53.0 41.0 61.4

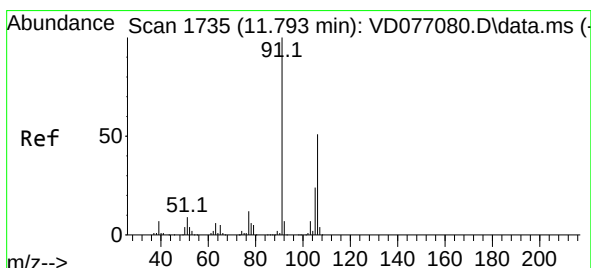
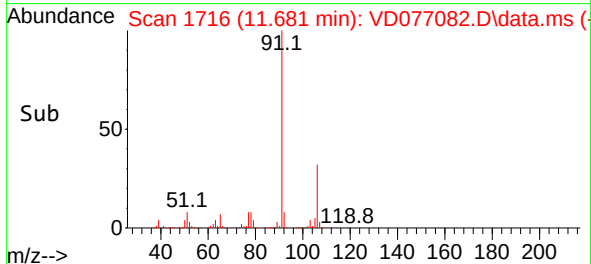
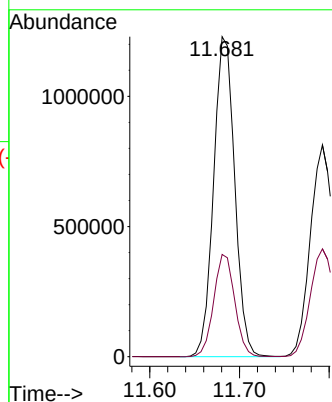
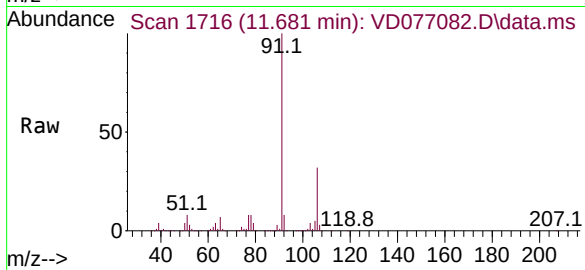




#52
Ethylbenzene
Concen: 86.349 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

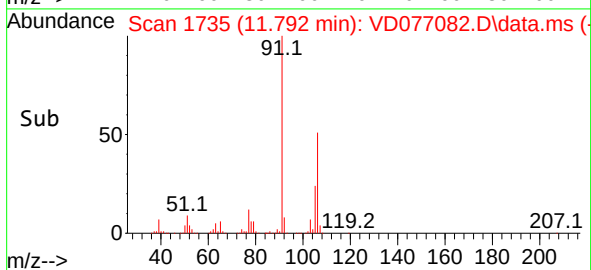
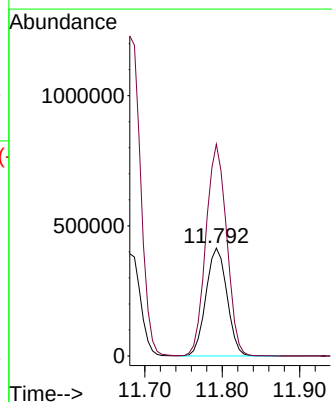
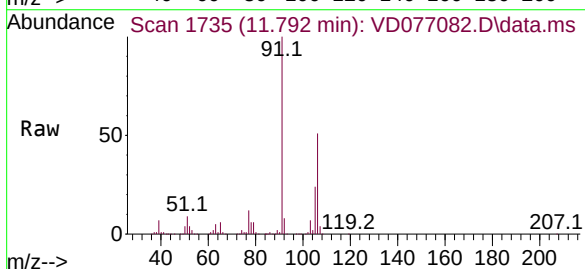
Instrument :
MSVOA_D
ClientSampleId :

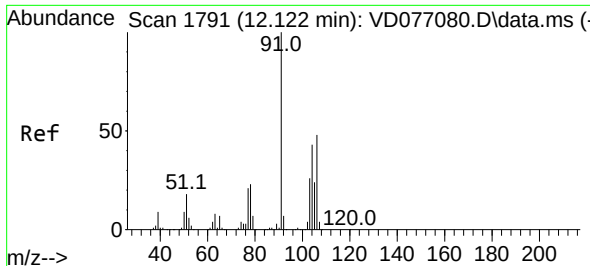
Tgt Ion: 91 Resp: 2006310
Ion Ratio Lower Upper
91 100
106 31.9 22.1 41.1



#53
m,p-Xylene
Concen: 86.866 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

Tgt Ion:106 Resp: 781363
Ion Ratio Lower Upper
106 100
91 196.3 138.2 256.6

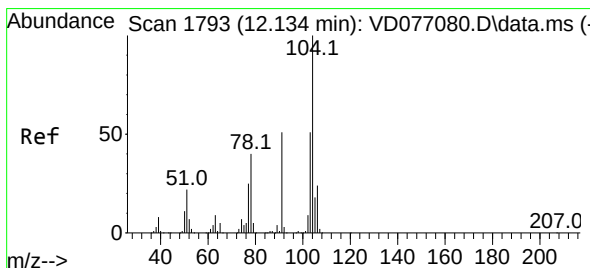
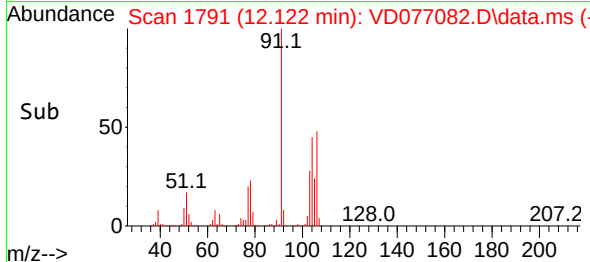
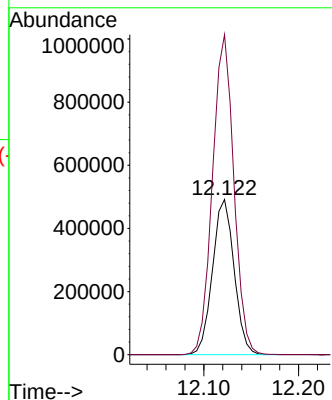
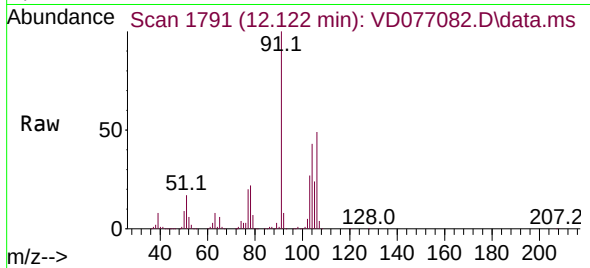




#54
o-Xylene
Concen: 90.185 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

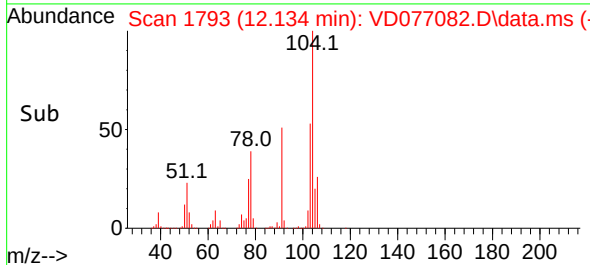
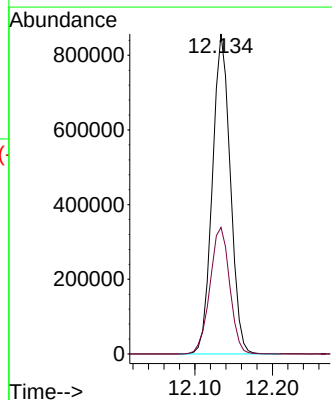
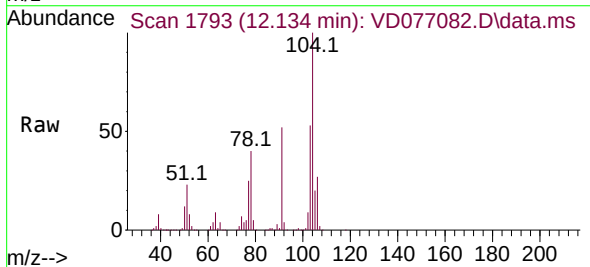
Instrument :
MSVOA_D
ClientSampleId :

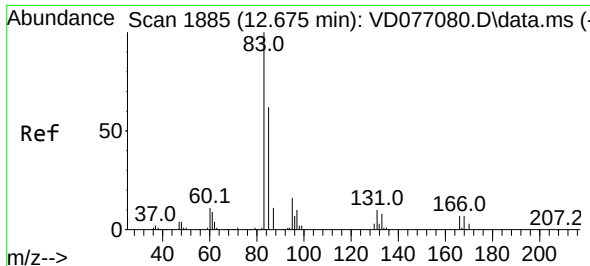
Tgt Ion:106 Resp: 780515
Ion Ratio Lower Upper
106 100
91 206.1 146.9 272.7



#55
Styrene
Concen: 88.229 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

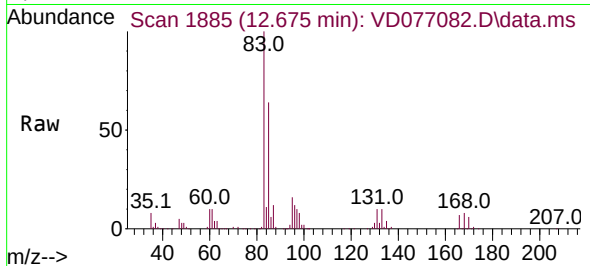
Tgt Ion:104 Resp: 1378468
Ion Ratio Lower Upper
104 100
78 39.6 27.8 51.6



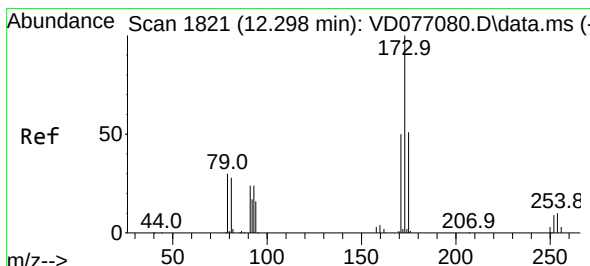
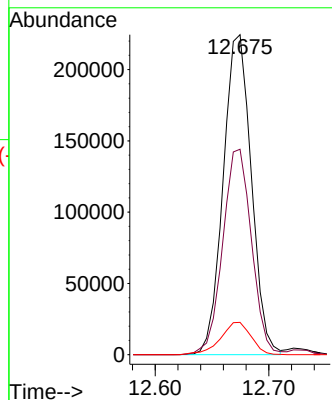
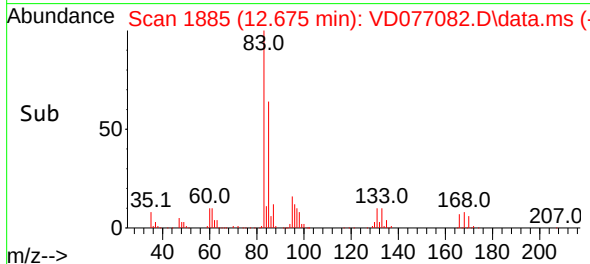


#57
1,1,2,2-Tetrachloroethane
Concen: 70.466 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

Instrument :
MSVOA_D
ClientSampleId :

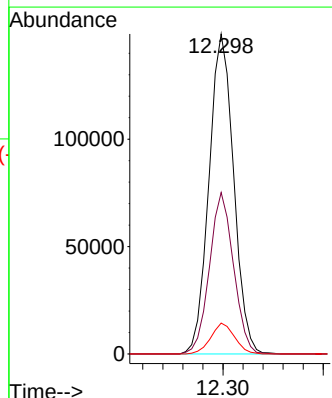
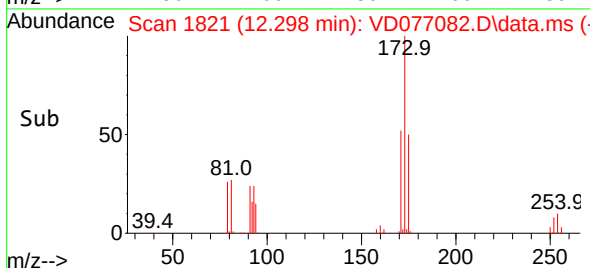
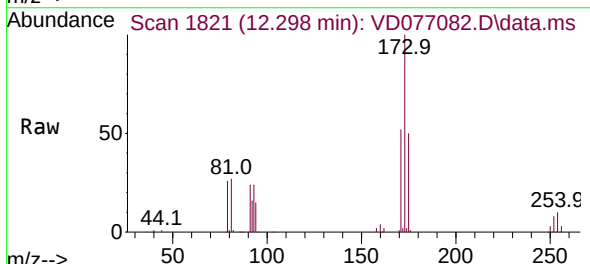


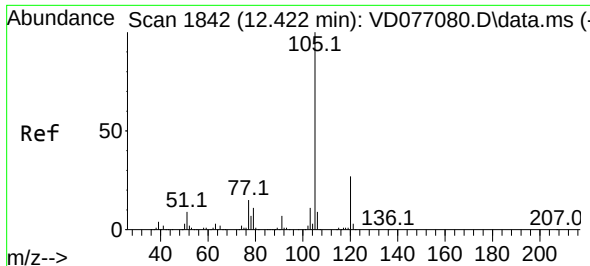
Tgt Ion: 83 Resp: 386310
Ion Ratio Lower Upper
83 100
85 64.2 43.6 81.0
131 10.1 7.8 11.8



#59
Bromoform
Concen: 75.646 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

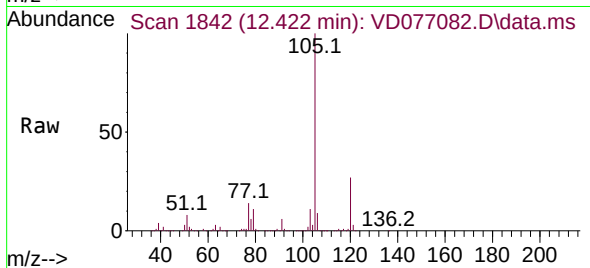
Tgt Ion: 173 Resp: 254851
Ion Ratio Lower Upper
173 100
175 49.2 38.7 58.1
254 9.3 7.0 10.6



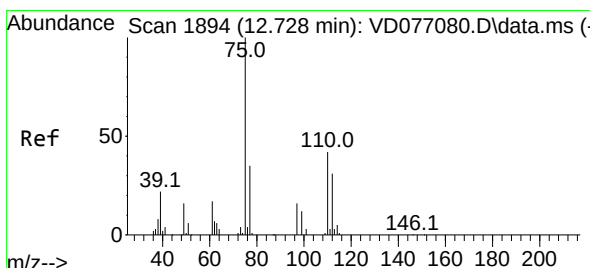
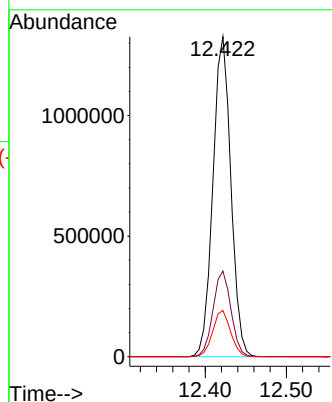
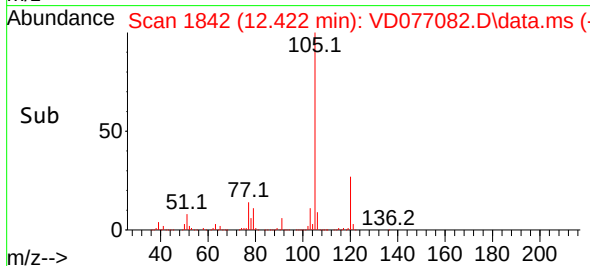


#60
Isopropylbenzene
Concen: 83.952 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

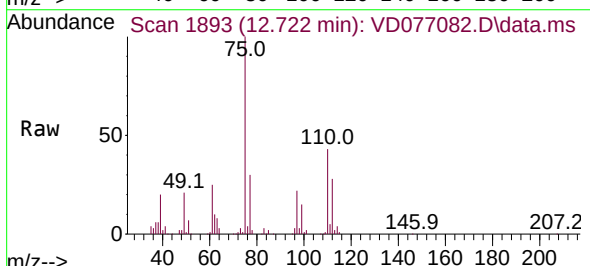
Instrument :
MSVOA_D
ClientSampleId :



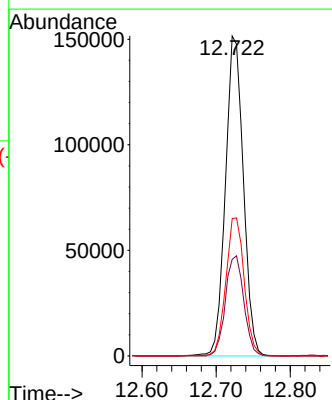
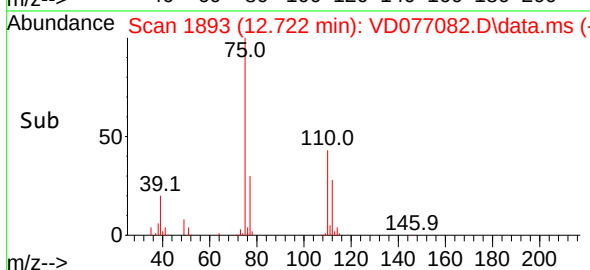
Tgt Ion:105 Resp: 2037834
Ion Ratio Lower Upper
105 100
120 26.7 21.8 32.6
77 14.4 11.9 17.9

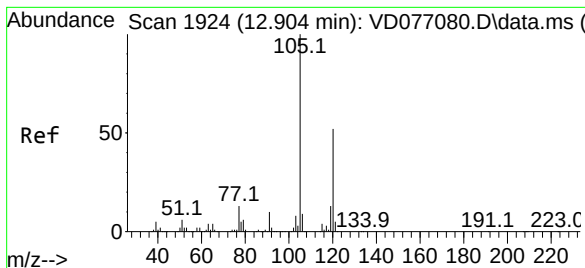


#61
1,2,3-Trichloropropane
Concen: 65.927 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13



Tgt Ion: 75 Resp: 254558
Ion Ratio Lower Upper
75 100
77 32.2 26.6 40.0
110 44.1 33.6 50.4

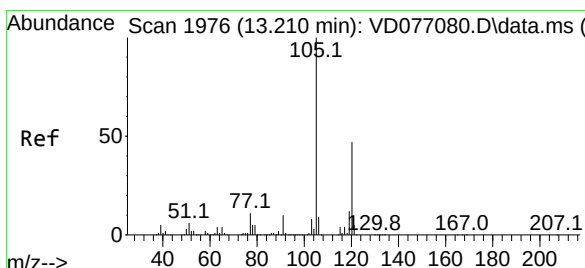
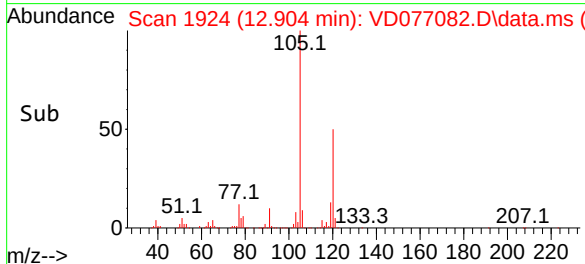
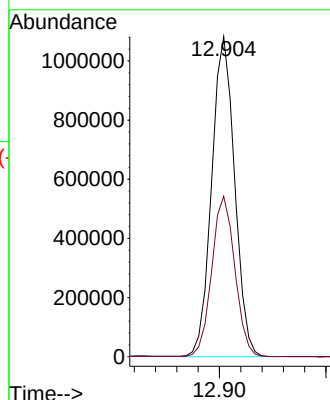
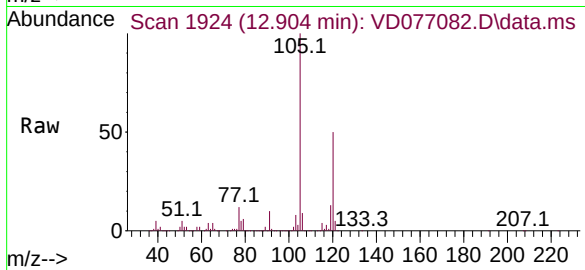




#62
1,3,5-Trimethylbenzene
Concen: 87.080 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

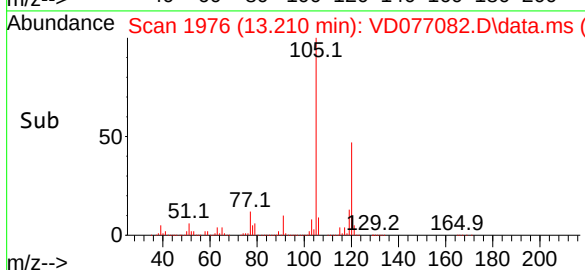
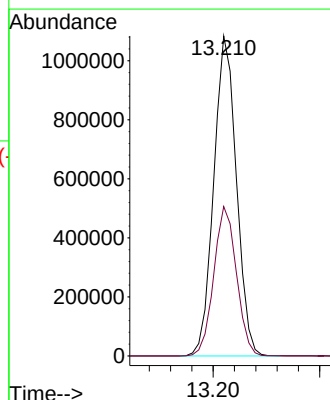
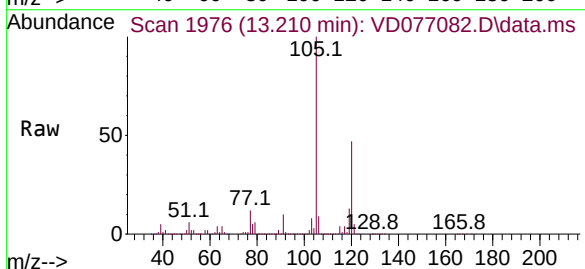
Instrument :
MSVOA_D
ClientSampleId :

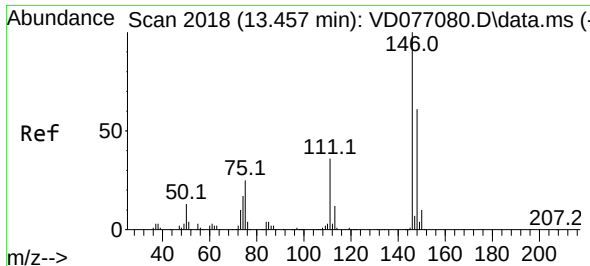
Tgt Ion:105 Resp: 1617283
Ion Ratio Lower Upper
105 100
120 50.3 40.2 60.2



#63
1,2,4-Trimethylbenzene
Concen: 86.815 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

Tgt Ion:105 Resp: 1598112
Ion Ratio Lower Upper
105 100
120 46.7 37.8 56.8

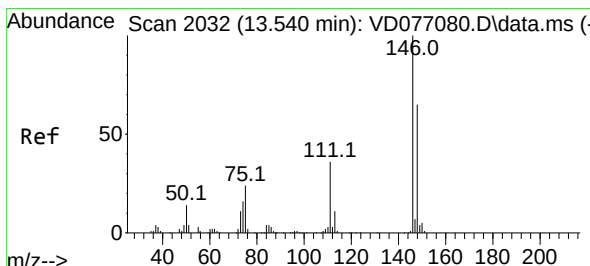
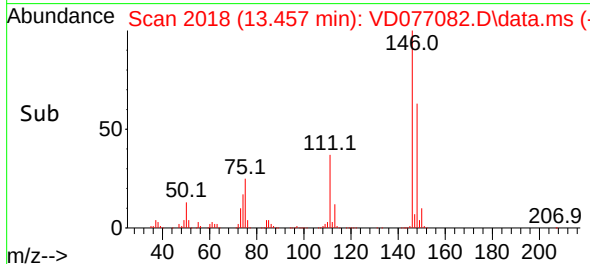
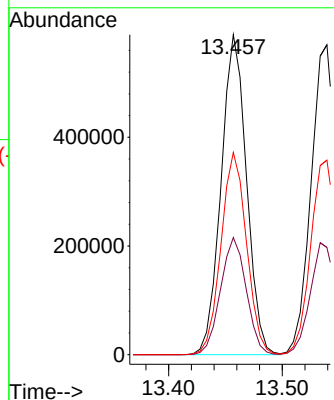
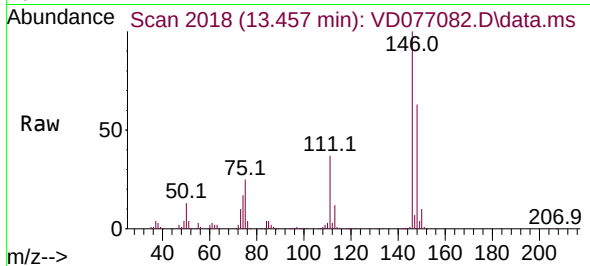




#64
1,3-Dichlorobenzene
Concen: 81.999 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

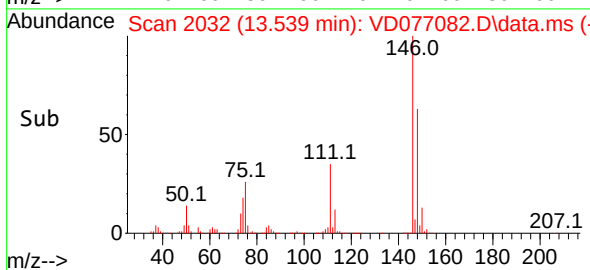
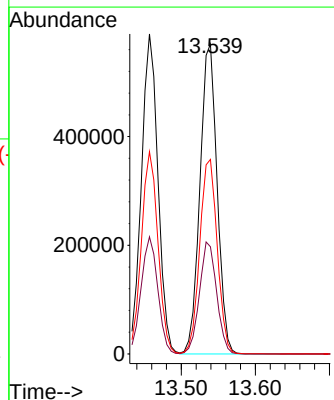
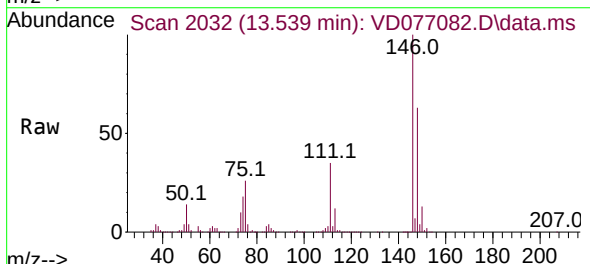
Instrument :
MSVOA_D
ClientSampleId :

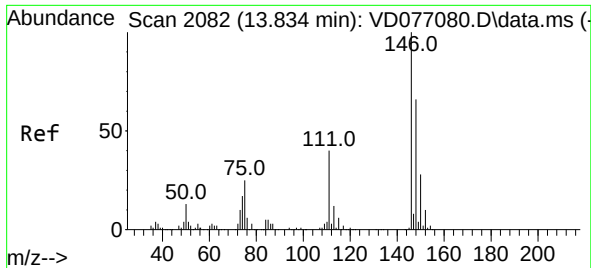
Tgt Ion:146 Resp: 915856
Ion Ratio Lower Upper
146 100
111 36.6 25.2 46.8
148 63.2 42.7 79.3



#65
1,4-Dichlorobenzene
Concen: 79.662 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

Tgt Ion:146 Resp: 916940
Ion Ratio Lower Upper
146 100
111 34.6 25.5 47.3
148 62.8 45.5 84.5





#67

1,2-Dichlorobenzene

Concen: 80.927 ug/L

RT: 13.828 min Scan# 2082

Delta R.T. -0.006 min

Lab File: VD077082.D

Acq: 01 Sep 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :

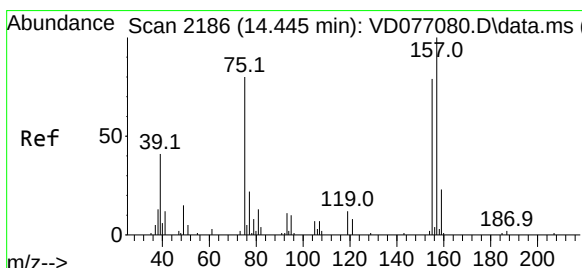
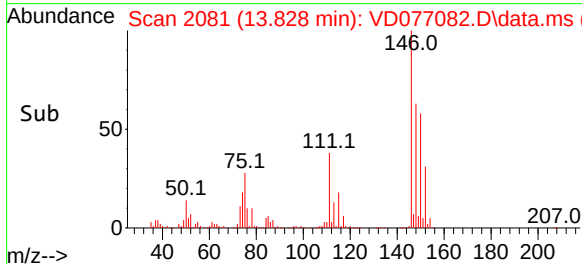
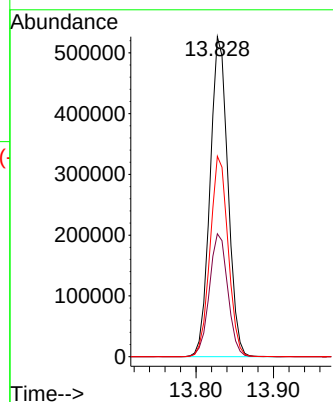
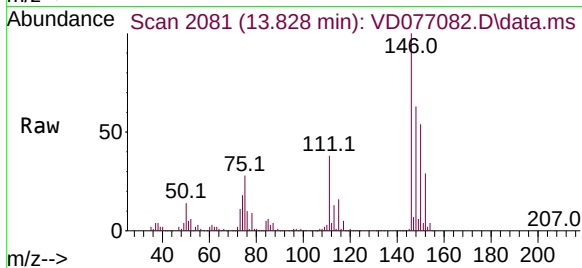
Tgt Ion:146 Resp: 844315

Ion Ratio Lower Upper

146 100

111 38.4 31.8 47.6

148 62.6 53.0 79.4



#68

1,2-Dibromo-3-chloropropane

Concen: 63.534 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD077082.D

Acq: 01 Sep 2023 12:13

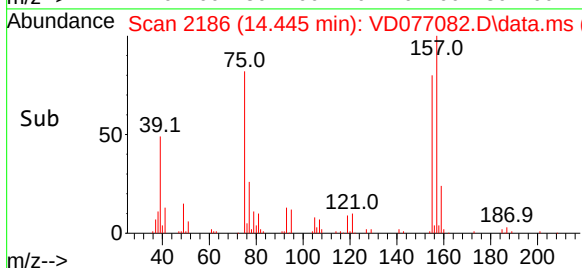
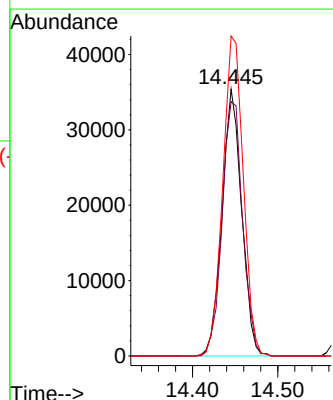
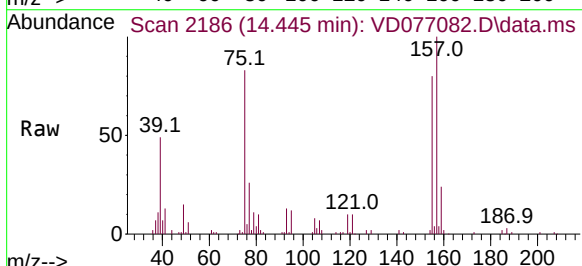
Tgt Ion: 75 Resp: 56800

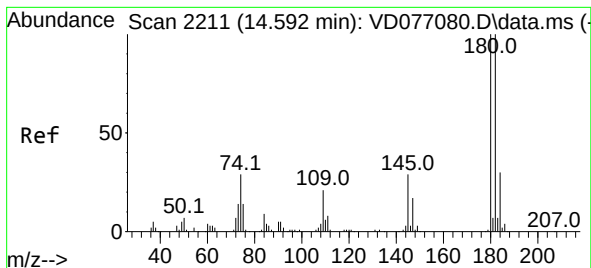
Ion Ratio Lower Upper

75 100

155 95.4 79.0 118.6

157 120.0 100.2 150.4





#69

1,3,5-Trichlorobenzene

Concen: 87.596 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min

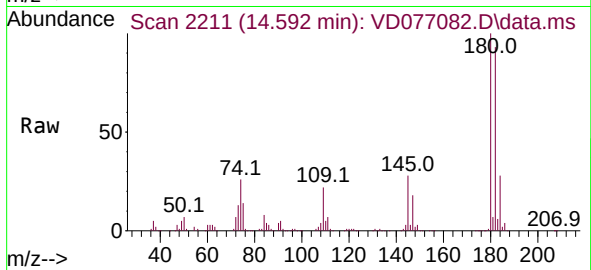
Lab File: VD077082.D

Acq: 01 Sep 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 614388

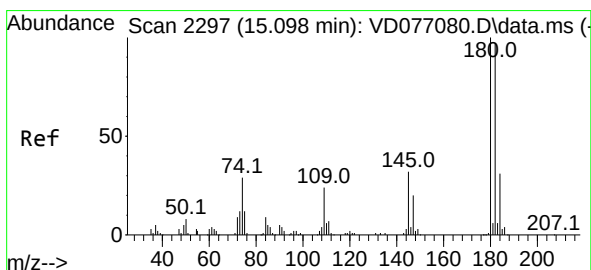
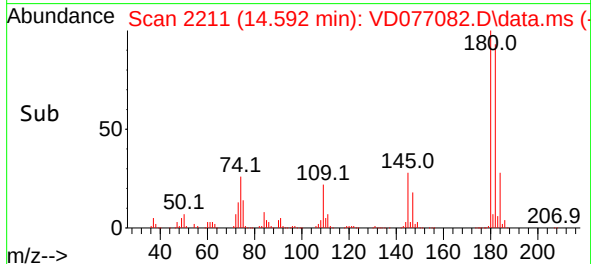
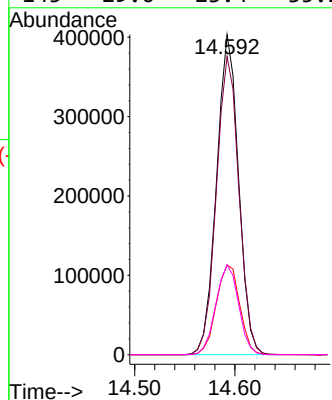
Ion Ratio Lower Upper

180 100

182 95.3 77.0 115.4

184 29.9 24.2 36.2

145 29.0 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 86.657 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD077082.D

Acq: 01 Sep 2023 12:13

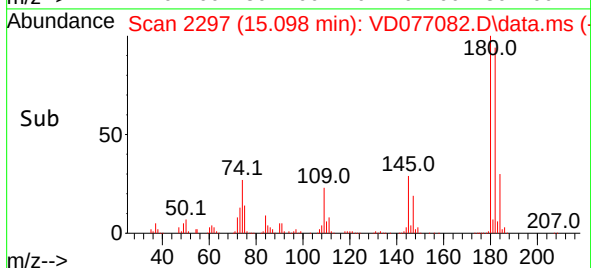
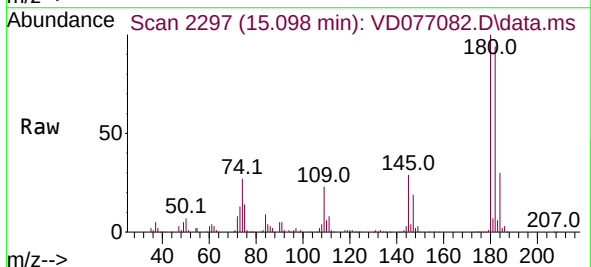
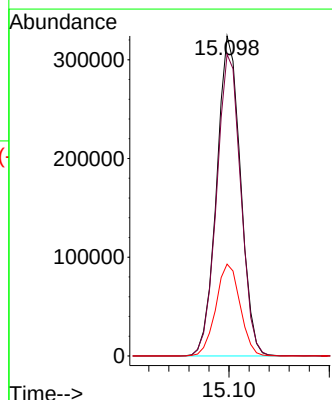
Tgt Ion:180 Resp: 533090

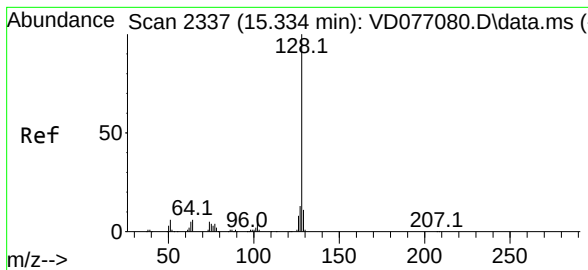
Ion Ratio Lower Upper

180 100

182 95.4 76.3 114.5

145 29.3 23.8 35.8

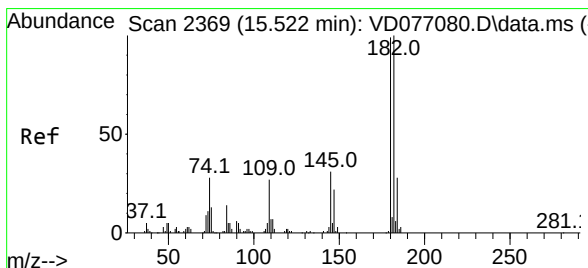
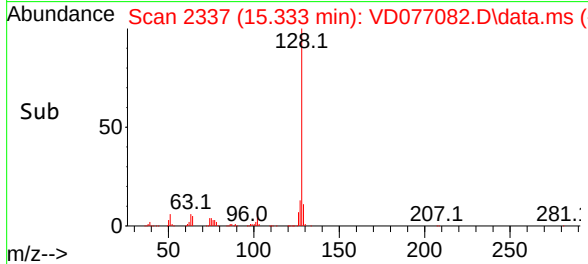
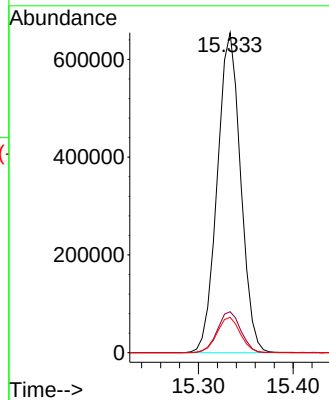
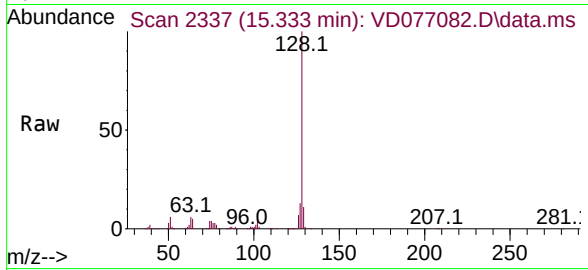




#71
Naphthalene
Concen: 79.475 ug/L
RT: 15.333 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 1121428
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 86.946 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077082.D
Acq: 01 Sep 2023 12:13

Tgt Ion:180 Resp: 483646
Ion Ratio Lower Upper
180 100
182 94.5 76.6 115.0
145 30.5 25.4 38.2

