

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
 Data File : VD078298.D
 Acq On : 31 Jan 2024 18:35
 Operator : RP/MD
 Sample : VSTD100
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 01 04:01:38 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	8.775	114	230275	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	235673	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	115045	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	653150	100.513	ug/L	0.00
7) Chloroethane-d5	2.793	69	545143	104.657	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	65	143861	87.690	ug/L	0.00
21) 2-Butanone-d5	6.987	46	211310	251.366	ug/L	0.00
24) Chloroform-d	7.569	84	671967	105.129	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	370358	113.722	ug/L	0.00
32) Benzene-d6	8.205	84	1386752	96.378	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	420875	96.140	ug/L	0.00
41) Toluene-d8	10.269	98	1303174	98.924	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	203054	103.736	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	201445	251.950	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	402517	119.647	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	442175	105.600	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	481195	123.012	ug/L	99
3) Chloromethane	2.152	50	670002	118.846	ug/L	97
5) Vinyl chloride	2.281	62	858682	123.339	ug/L	95
6) Bromomethane	2.681	94	467005	130.504	ug/L	99
8) Chloroethane	2.828	64	540198	123.608	ug/L	100
9) Trichlorofluoromethane	3.170	101	615007	106.131	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	388687	113.772	ug/L	99
12) 1,1-Dichloroethene	3.940	96	375176	116.286	ug/L	95
13) Acetone	4.028	43	294719	265.876	ug/L	97
14) Carbon disulfide	4.269	76	1295475	113.073	ug/L	98
15) Methyl Acetate	4.564	43	203534	129.816	ug/L	# 75
16) Methylene chloride	4.799	84	417988	98.193	ug/L	99
17) trans-1,2-Dichloroethene	5.311	96	407657	119.431	ug/L	99
18) Methyl tert-butyl Ether	5.322	73	1040414	136.464	ug/L	100
19) 1,1-Dichloroethane	6.111	63	685724	108.362	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	460847	121.500	ug/L	93
22) 2-Butanone	7.081	43	377613	299.586	ug/L	98
23) Bromochloromethane	7.428	128	196867	121.895	ug/L	90
25) Chloroform	7.599	83	747498	117.832	ug/L	98
27) 1,2-Dichloroethane	8.328	62	496056	124.379	ug/L	97
29) Cyclohexane	7.881	56	615052	99.728	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	591519	100.299	ug/L	98
31) Carbon tetrachloride	7.993	117	523679	101.621	ug/L	98
33) Benzene	8.252	78	1716201	108.430	ug/L	100
34) Trichloroethene	9.028	95	419887	107.335	ug/L	93
35) Methylcyclohexane	9.275	83	731322	107.721	ug/L	97
37) 1,2-Dichloropropane	9.305	63	440717	107.370	ug/L	100
38) Bromodichloromethane	9.587	83	571492	112.241	ug/L	# 96
39) cis-1,3-Dichloropropene	10.016	75	745026	115.604	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	608580	255.806	ug/L	99
42) Toluene	10.334	91	1881827	112.547	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	660704	121.262	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
 Data File : VD078298.D
 Acq On : 31 Jan 2024 18:35
 Operator : RP/MD
 Sample : VSTD100
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 01 04:01:38 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

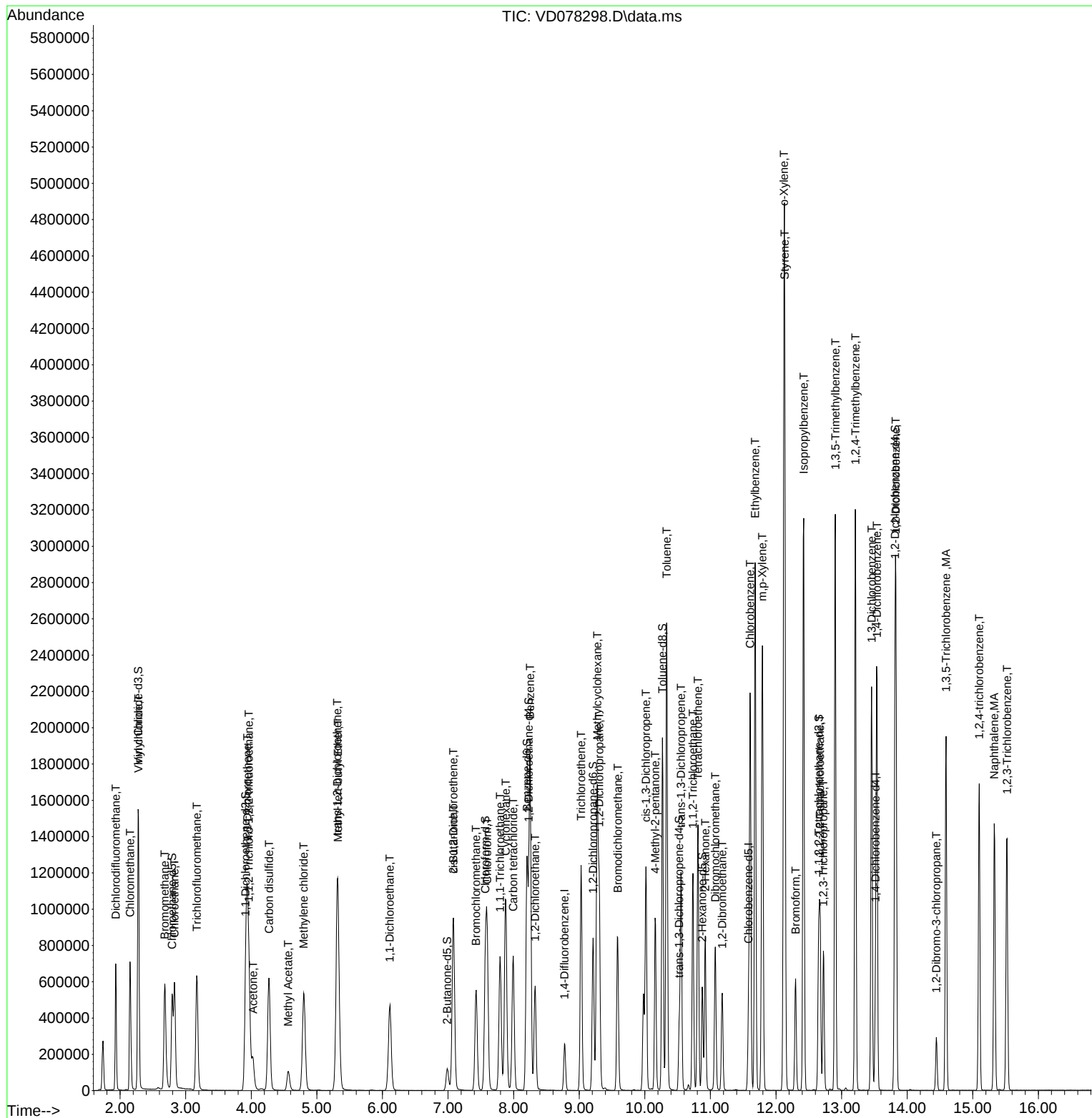
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	363043	125.135	ug/L	98
46) Tetrachloroethene	10.810	164	298822	97.895	ug/L	98
48) 2-Hexanone	10.922	43	520768	260.406	ug/L	97
49) Dibromochloromethane	11.075	129	405245	119.151	ug/L	96
50) 1,2-Dibromoethane	11.181	107	357699	127.595	ug/L	96
51) Chlorobenzene	11.604	112	1180362	113.406	ug/L	98
52) Ethylbenzene	11.681	91	2077760	112.844	ug/L	98
53) m,p-Xylene	11.793	106	789484	113.520	ug/L	99
54) o-Xylene	12.122	106	823420	123.483	ug/L	99
55) Styrene	12.134	104	1483412	126.284	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	467059	133.325	ug/L #	94
59) Bromoform	12.299	173	260810	128.927	ug/L	97
60) Isopropylbenzene	12.422	105	2070094	118.195	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	308563	131.071	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	1670856	126.350	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	1680145	125.356	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	879676	115.765	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	903351	113.835	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	851370	123.015	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	68322	126.554	ug/L	83
69) 1,3,5-Trichlorobenzene	14.592	180	564413	110.959	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	505789	116.922	ug/L	97
71) Naphthalene	15.328	128	1251098	148.885	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	457469	118.561	ug/L	99

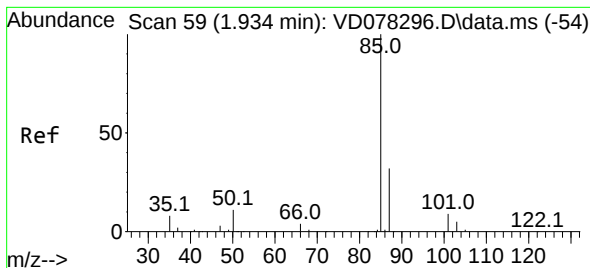
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD078298.D
 Data File : VD078298.D
 Acq On : 31 Jan 2024 18:35
 Operator : RP/MD
 Sample : VSTD100
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 01 04:01:38 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

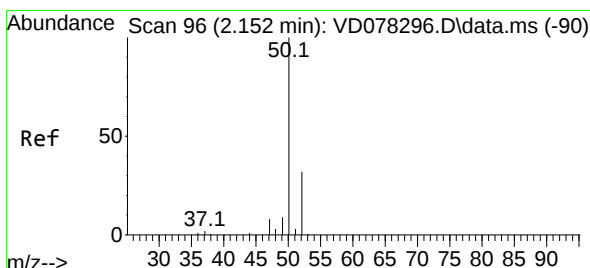
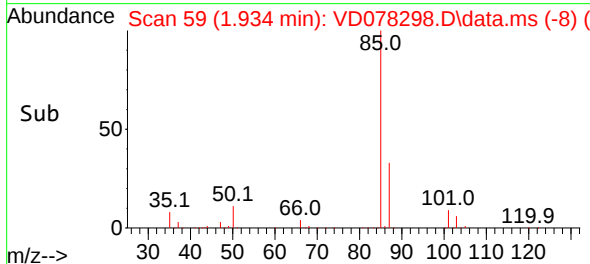
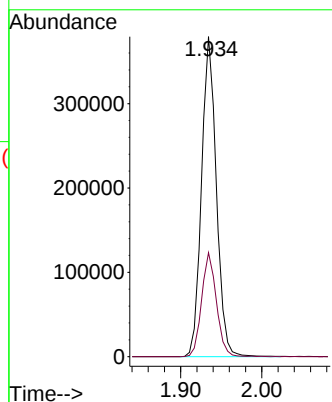
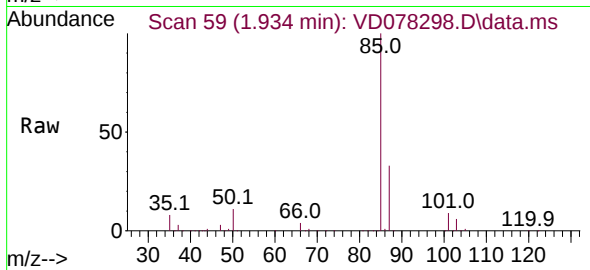




#2
Dichlorodifluoromethane
Concen: 123.012 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

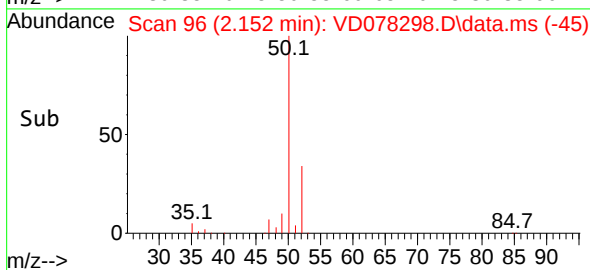
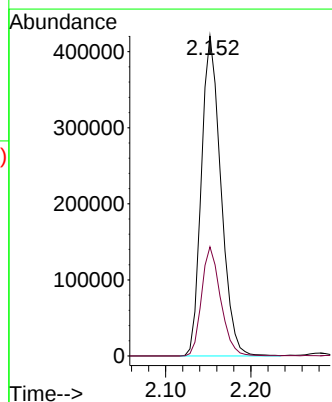
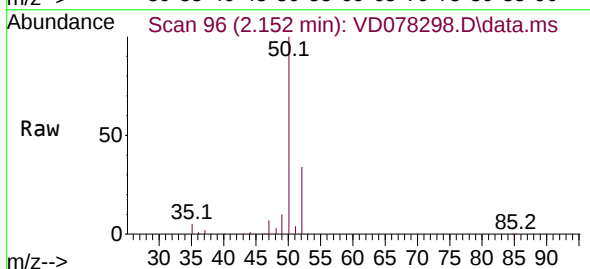
Instrument :
MSVOA_D
ClientSampleId :

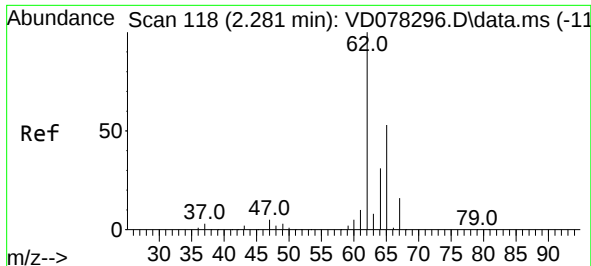
Tgt Ion: 85 Resp: 481195
Ion Ratio Lower Upper
85 100
87 32.3 25.3 37.9



#3
Chloromethane
Concen: 118.846 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

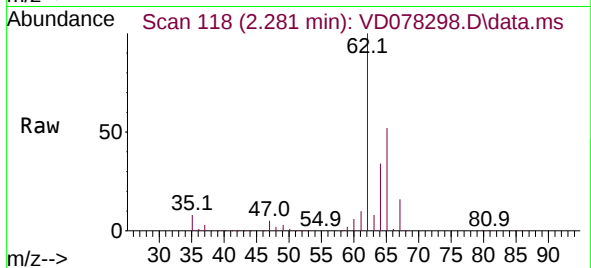
Tgt Ion: 50 Resp: 670002
Ion Ratio Lower Upper
50 100
52 34.1 22.7 42.3



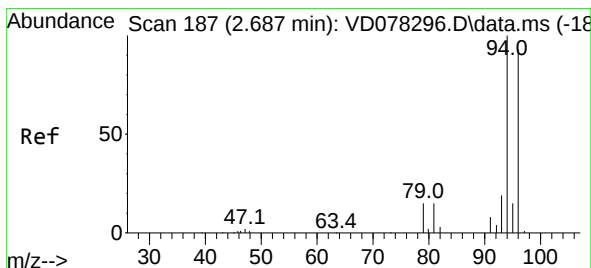
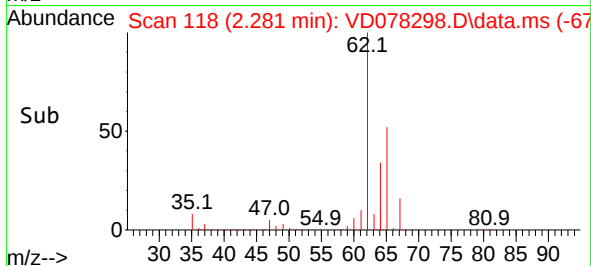
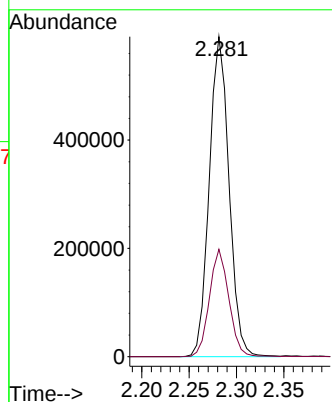


#5
 Vinyl chloride
 Concen: 123.339 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD078298.D
 Acq: 31 Jan 2024 18:35

Instrument :
 MSVOA_D
 ClientSampleId :

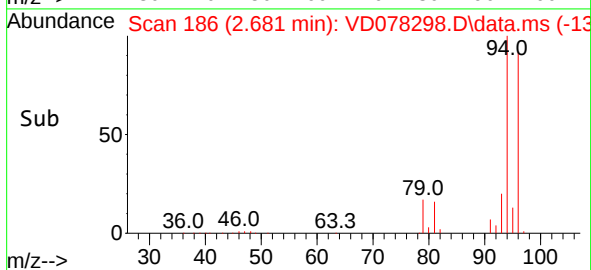
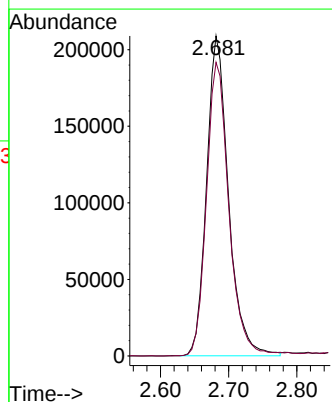
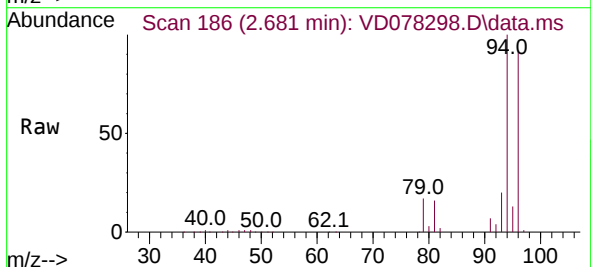


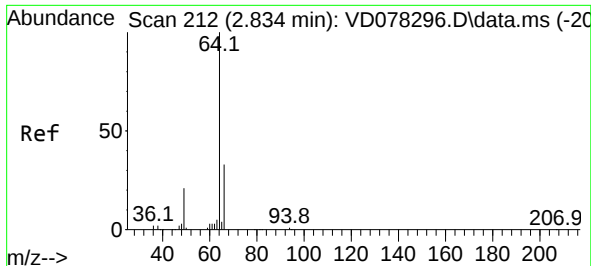
Tgt Ion: 62 Resp: 858682
 Ion Ratio Lower Upper
 62 100
 64 33.5 21.7 40.3



#6
 Bromomethane
 Concen: 130.504 ug/L
 RT: 2.681 min Scan# 186
 Delta R.T. -0.006 min
 Lab File: VD078298.D
 Acq: 31 Jan 2024 18:35

Tgt Ion: 94 Resp: 467005
 Ion Ratio Lower Upper
 94 100
 96 91.7 64.8 120.4

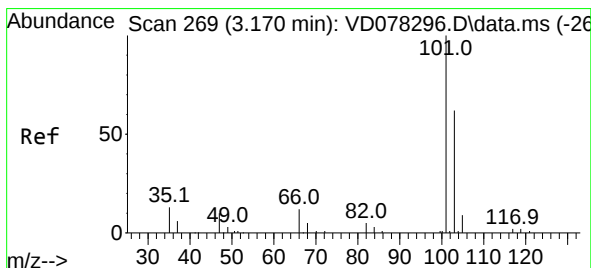
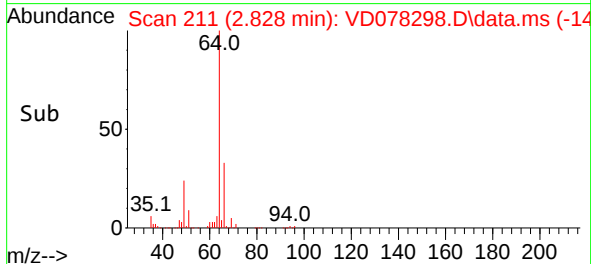
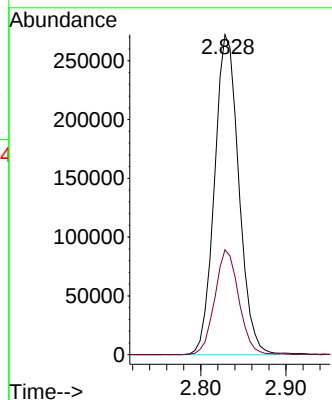
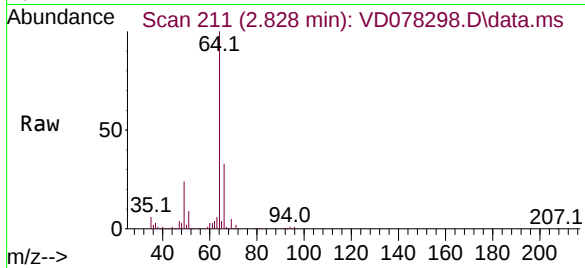




#8
Chloroethane
Concen: 123.608 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

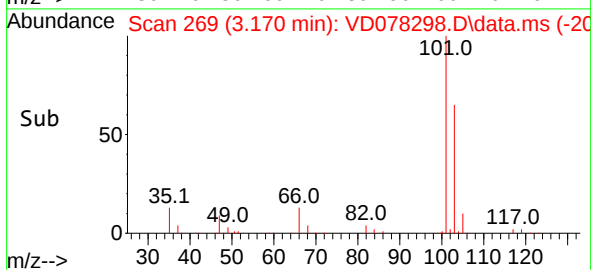
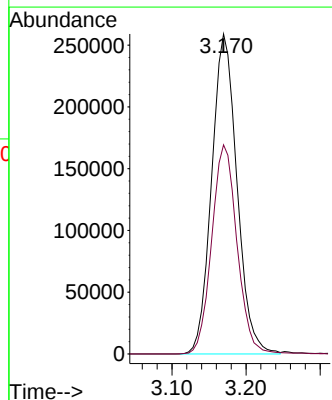
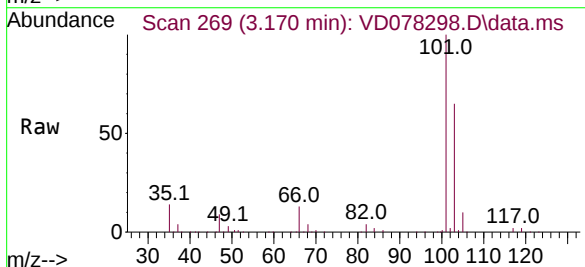
Instrument :
MSVOA_D
ClientSampleId :

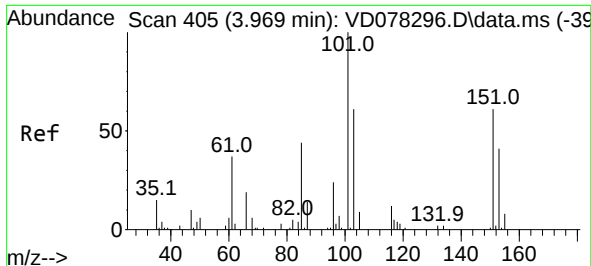
Tgt Ion: 64 Resp: 540198
Ion Ratio Lower Upper
64 100
66 32.8 22.8 42.4



#9
Trichlorofluoromethane
Concen: 106.131 ug/L
RT: 3.170 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

Tgt Ion:101 Resp: 615007
Ion Ratio Lower Upper
101 100
103 65.3 51.1 76.7

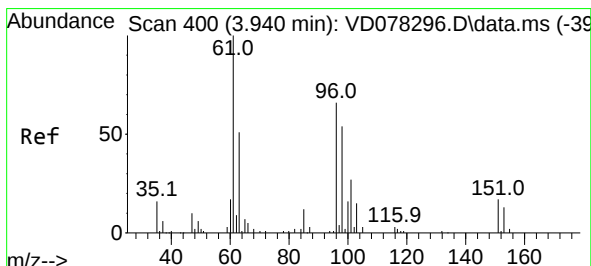
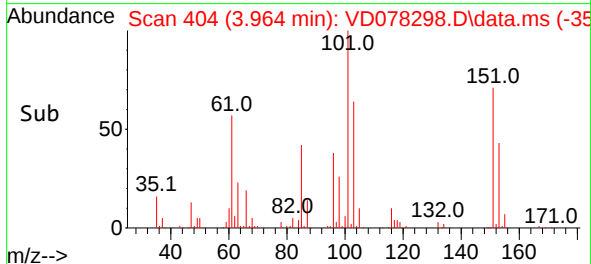
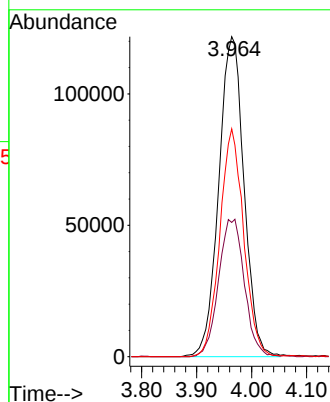
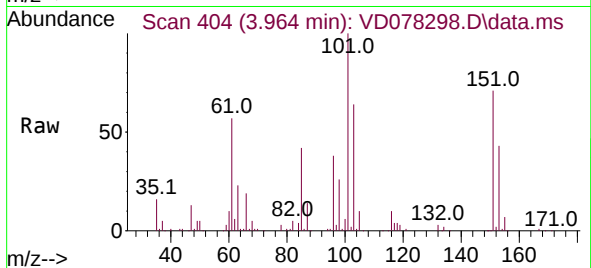




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 113.772 ug/L
RT: 3.964 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

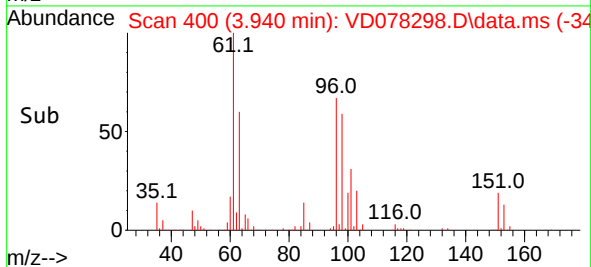
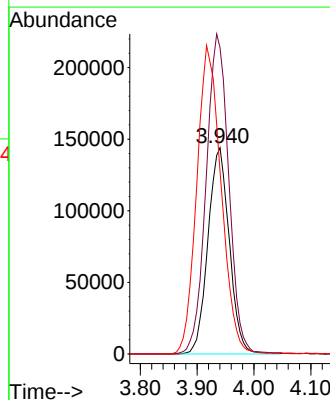
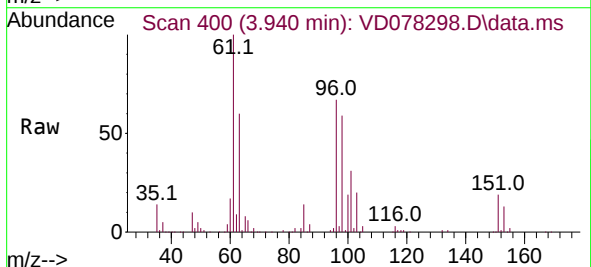
Instrument :
MSVOA_D
ClientSampleId :

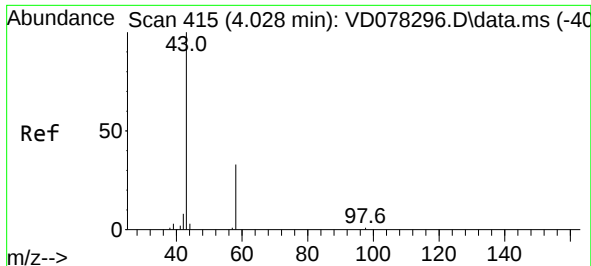
Tgt Ion:101 Resp: 388687
Ion Ratio Lower Upper
101 100
85 43.7 34.6 51.8
151 67.2 54.6 81.8



#12
1,1-Dichloroethene
Concen: 116.286 ug/L
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

Tgt Ion: 96 Resp: 375176
Ion Ratio Lower Upper
96 100
61 148.5 108.8 202.2
63 88.6 65.2 121.0

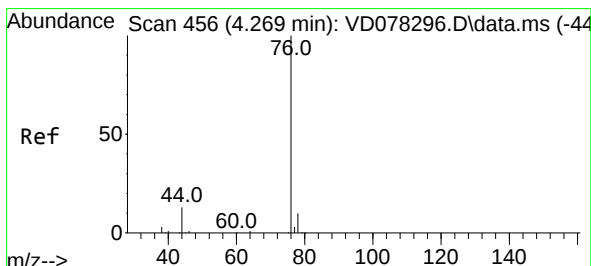
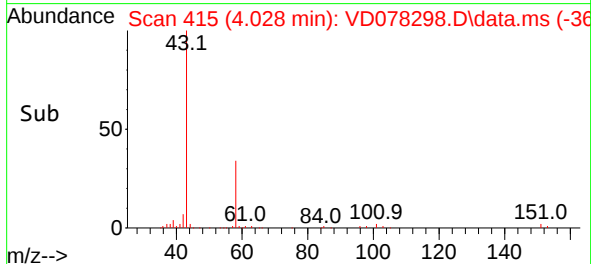
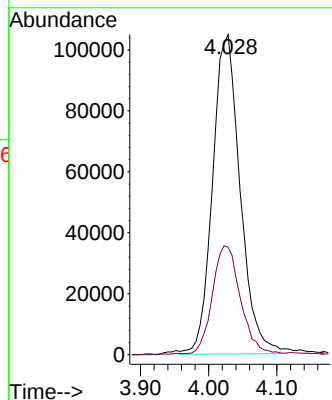
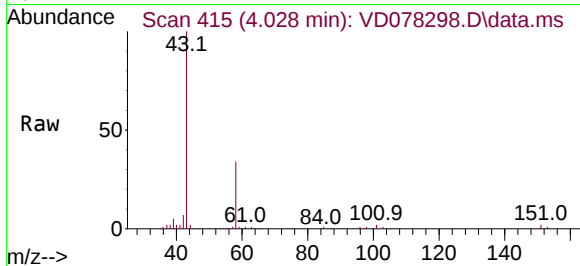




#13
Acetone
Concen: 265.876 ug/L
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

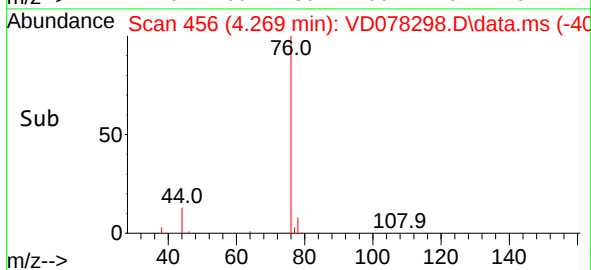
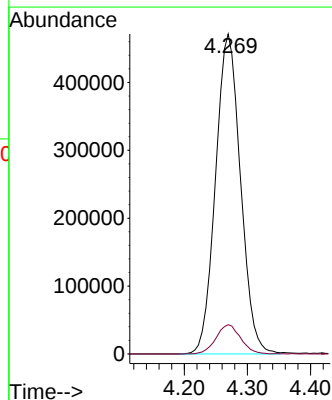
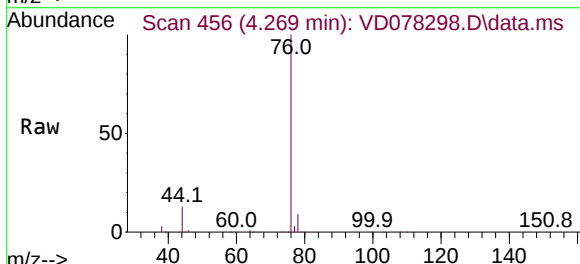
Instrument :
MSVOA_D
ClientSampleId :

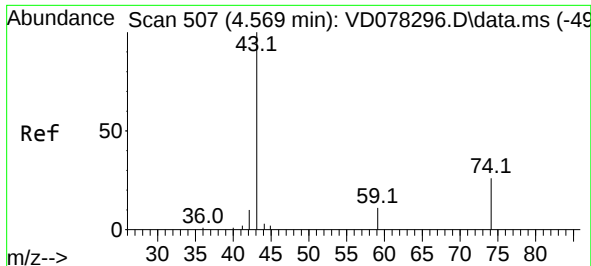
Tgt Ion: 43 Resp: 294719
Ion Ratio Lower Upper
43 100
58 35.0 0.0 67.2



#14
Carbon disulfide
Concen: 113.073 ug/L
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

Tgt Ion: 76 Resp: 1295475
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.8

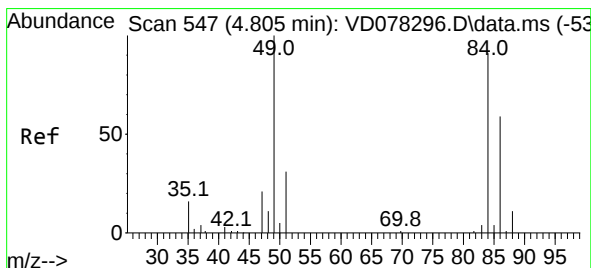
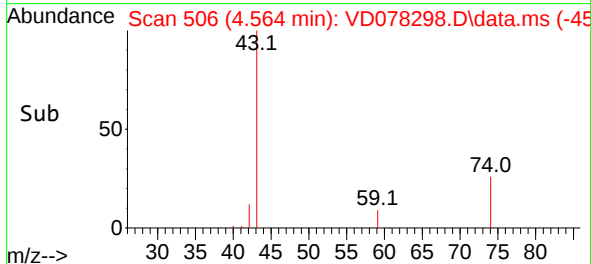
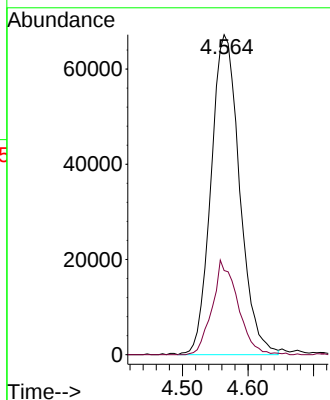
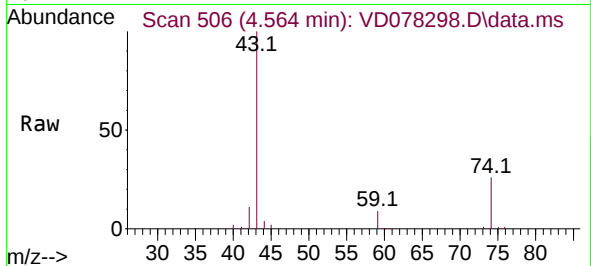




#15
Methyl Acetate
Concen: 129.816 ug/L
RT: 4.564 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

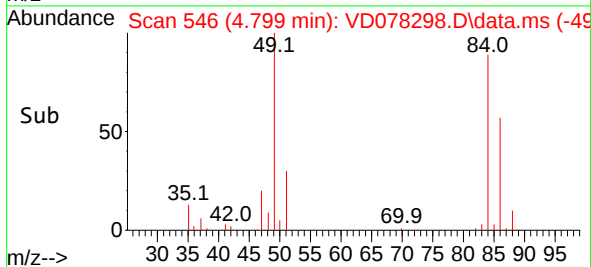
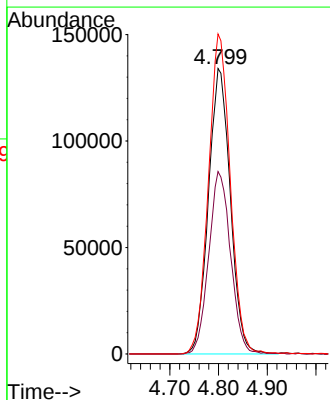
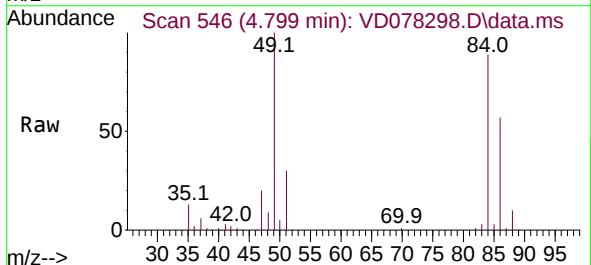
Instrument :
MSVOA_D
ClientSampleId :

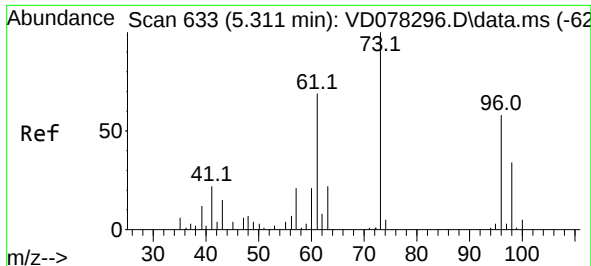
Tgt Ion: 43 Resp: 203534
Ion Ratio Lower Upper
43 100
74 26.3 12.7 19.1#



#16
Methylene chloride
Concen: 98.193 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

Tgt Ion: 84 Resp: 417988
Ion Ratio Lower Upper
84 100
86 63.9 45.4 84.2
49 112.1 77.3 143.7

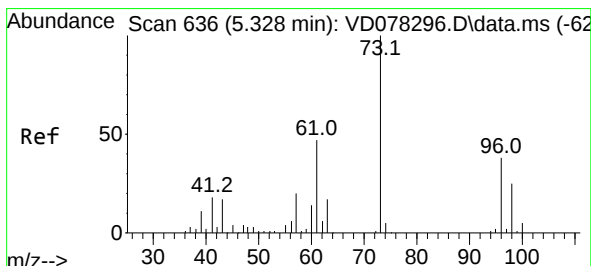
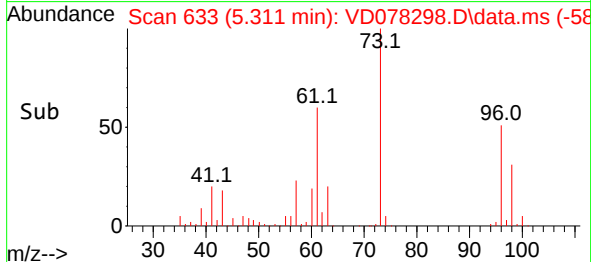
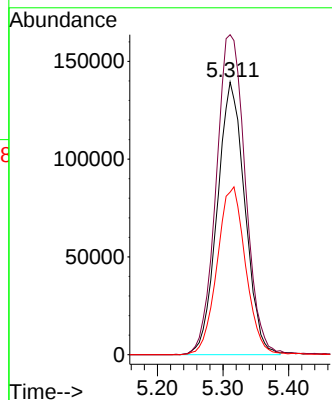
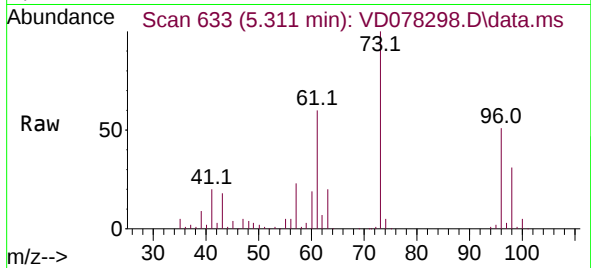




#17
trans-1,2-Dichloroethene
Concen: 119.431 ug/L
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

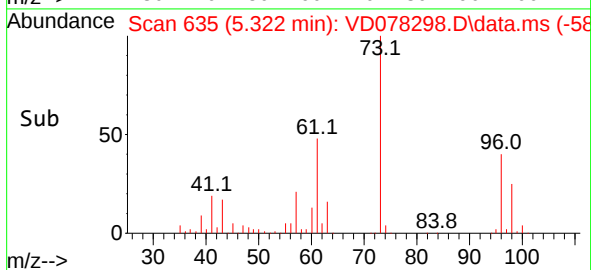
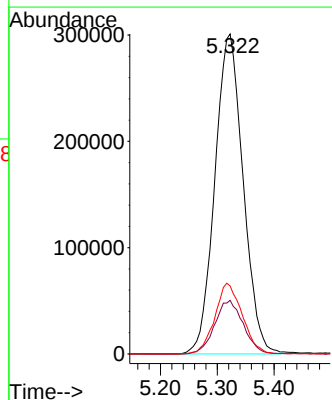
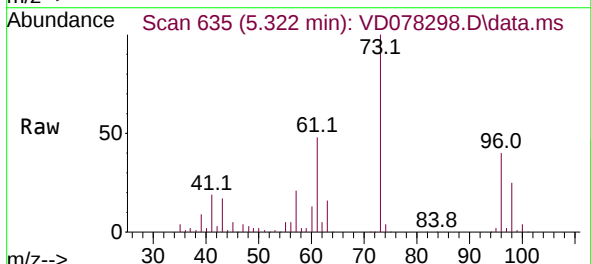
Instrument :
MSVOA_D
ClientSampleId :

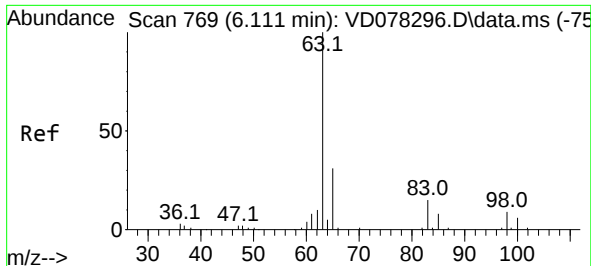
Tgt Ion: 96 Resp: 407657
Ion Ratio Lower Upper
96 100
61 117.3 82.7 153.7
98 59.6 40.7 75.7



#18
Methyl tert-butyl Ether
Concen: 136.464 ug/L
RT: 5.322 min Scan# 635
Delta R.T. -0.006 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

Tgt Ion: 73 Resp: 1040414
Ion Ratio Lower Upper
73 100
43 16.9 13.3 19.9
57 21.4 17.2 25.8





#19

1,1-Dichloroethane

Concen: 108.362 ug/L

RT: 6.111 min Scan# 7

Delta R.T. 0.000 min

Lab File: VD078298.D

Acq: 31 Jan 2024 18:35

Instrument :

MSVOA_D

ClientSampleId :

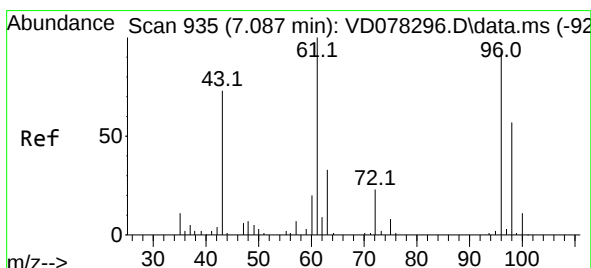
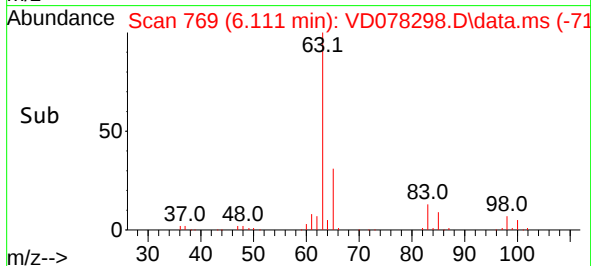
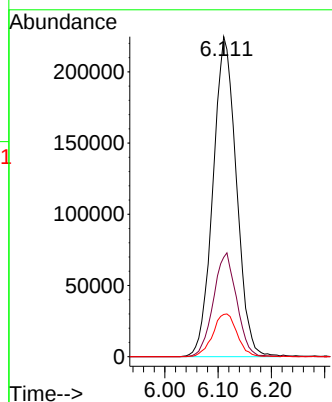
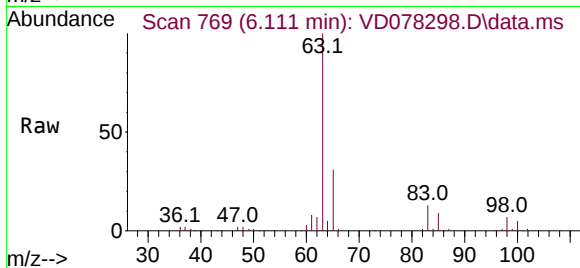
Tgt Ion: 63 Resp: 685724

Ion Ratio Lower Upper

63 100

65 31.1 21.8 40.4

83 13.2 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 121.500 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.006 min

Lab File: VD078298.D

Acq: 31 Jan 2024 18:35

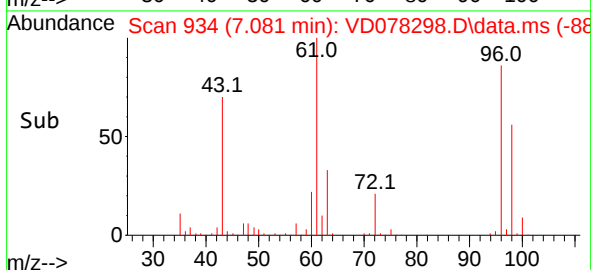
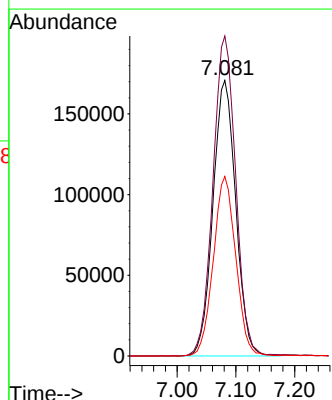
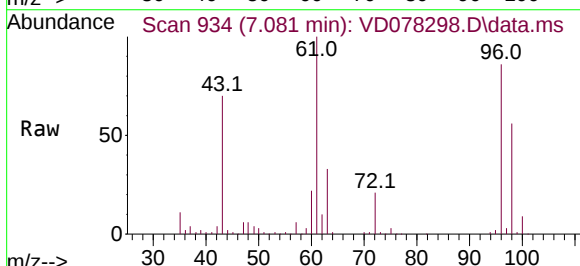
Tgt Ion: 96 Resp: 460847

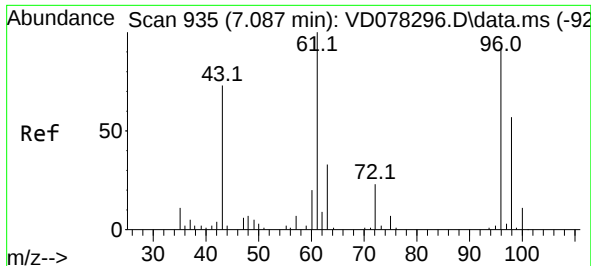
Ion Ratio Lower Upper

96 100

61 116.1 75.6 140.4

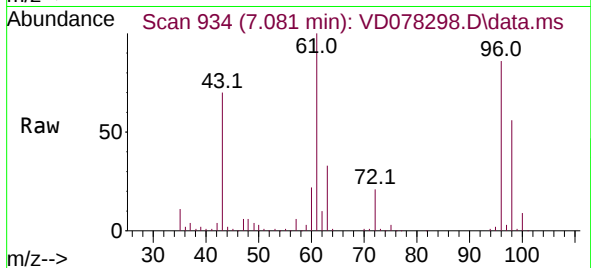
98 65.1 43.1 80.1



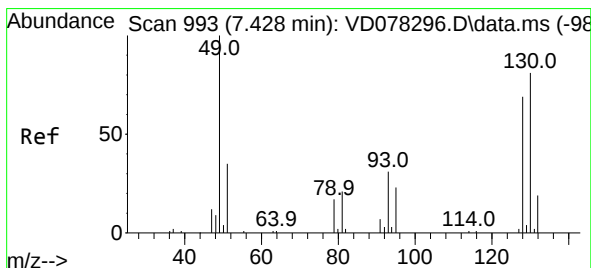
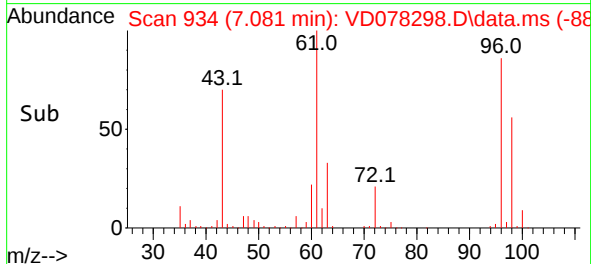
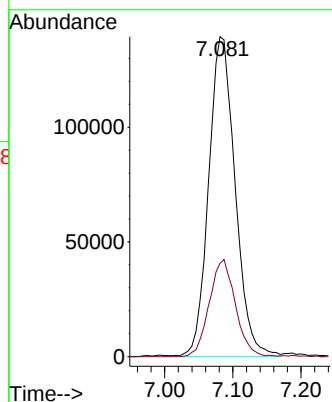


#22
2-Butanone
Concen: 299.586 ug/L
RT: 7.081 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

Instrument :
MSVOA_D
ClientSampleId :

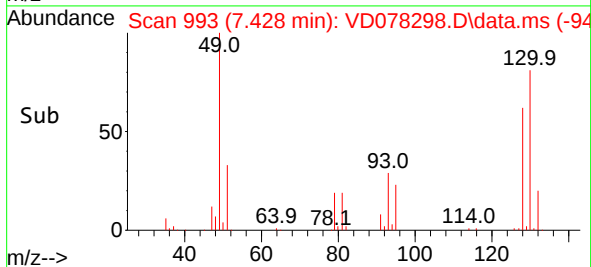
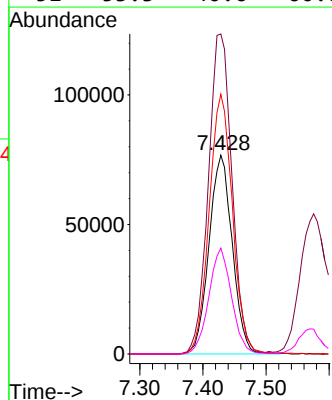
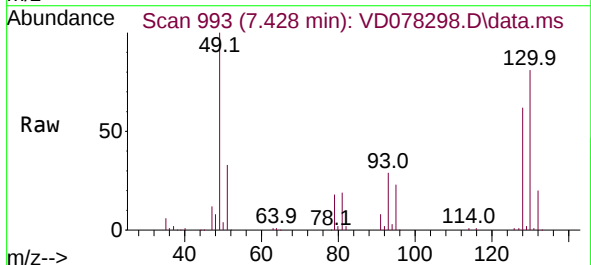


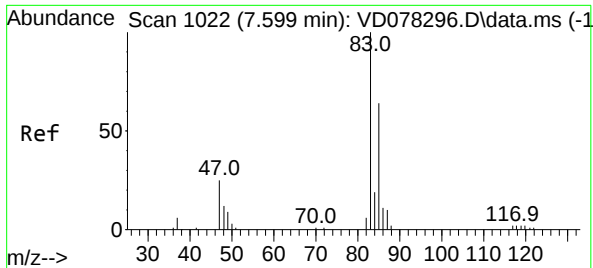
Tgt Ion: 43 Resp: 377613
Ion Ratio Lower Upper
43 100
72 29.8 15.4 46.2



#23
Bromochloromethane
Concen: 121.895 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

Tgt Ion:128 Resp: 196867
Ion Ratio Lower Upper
128 100
49 161.0 102.7 190.7
130 130.7 82.6 153.4
51 53.3 40.6 60.8

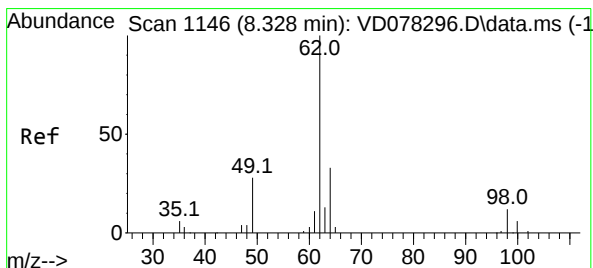
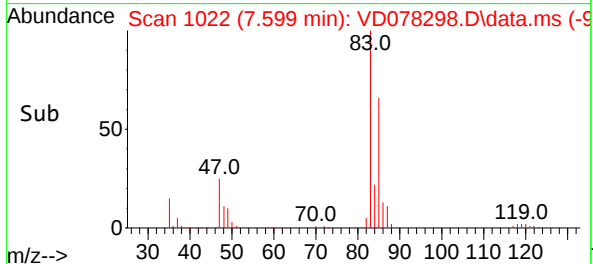
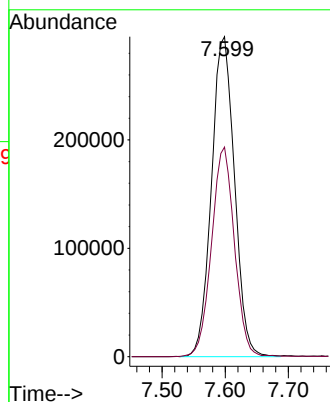
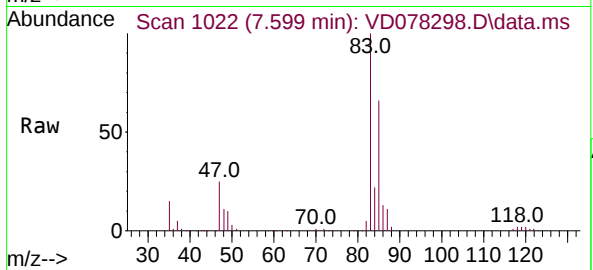




#25
Chloroform
Concen: 117.832 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

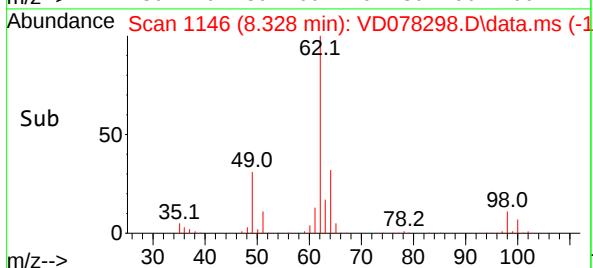
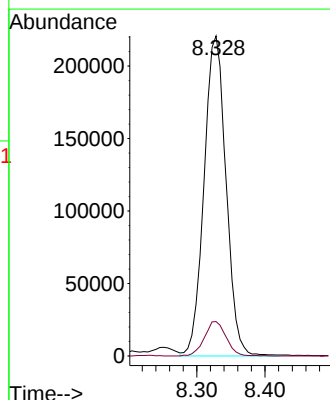
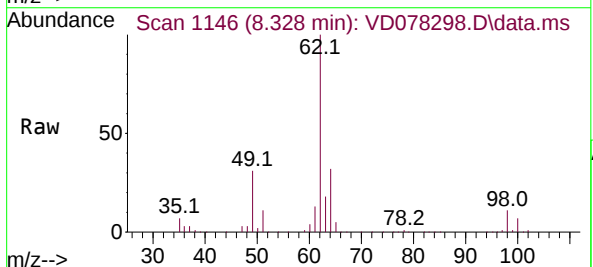
Instrument :
MSVOA_D
ClientSampleId :

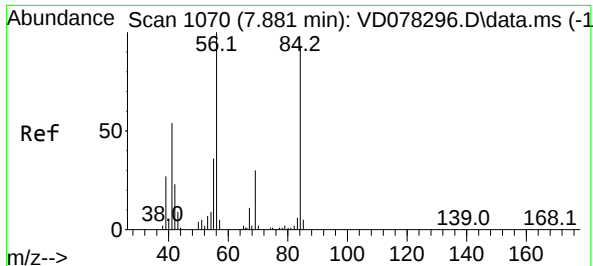
Tgt Ion: 83 Resp: 747498
Ion Ratio Lower Upper
83 100
85 65.5 44.9 83.3



#27
1,2-Dichloroethane
Concen: 124.379 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

Tgt Ion: 62 Resp: 496056
Ion Ratio Lower Upper
62 100
98 10.8 9.5 14.3





#29

Cyclohexane

Concen: 99.728 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

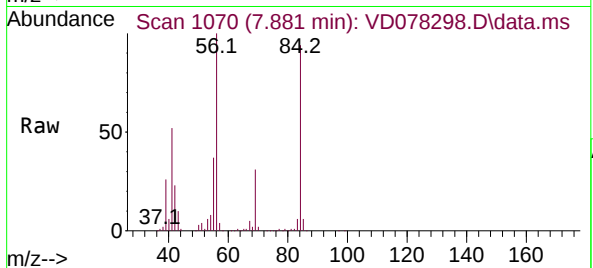
Lab File: VD078298.D

Acq: 31 Jan 2024 18:35

Instrument :

MSVOA_D

ClientSampleId :



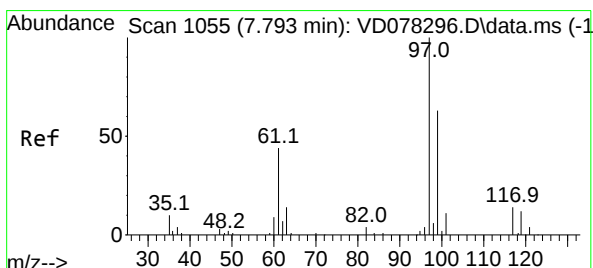
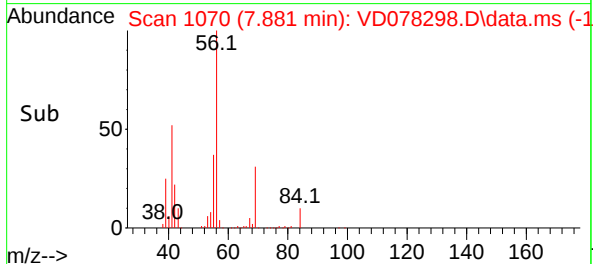
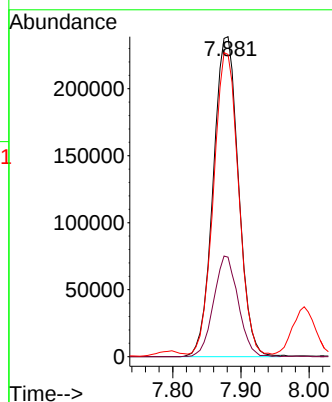
Tgt Ion: 56 Resp: 615052

Ion Ratio Lower Upper

56 100

69 30.2 23.3 34.9

84 94.6 74.7 112.1



#30

1,1,1-Trichloroethane

Concen: 100.299 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078298.D

Acq: 31 Jan 2024 18:35

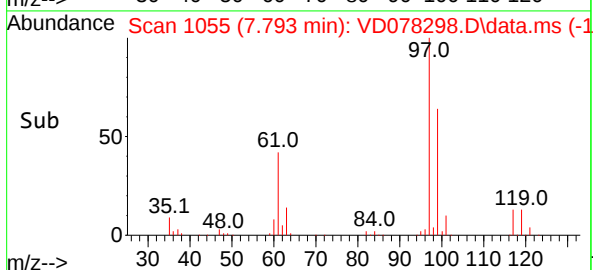
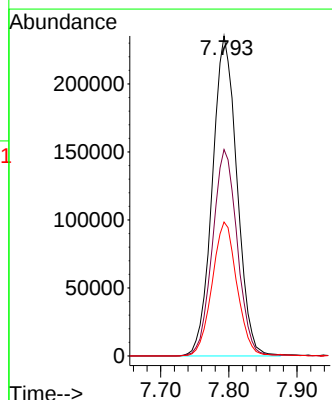
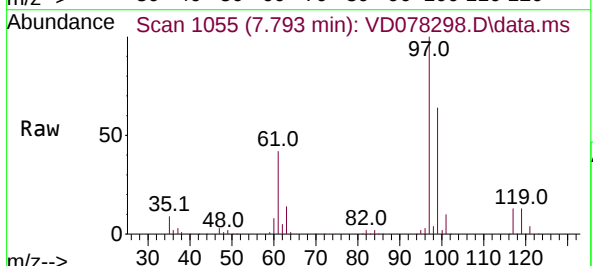
Tgt Ion: 97 Resp: 591519

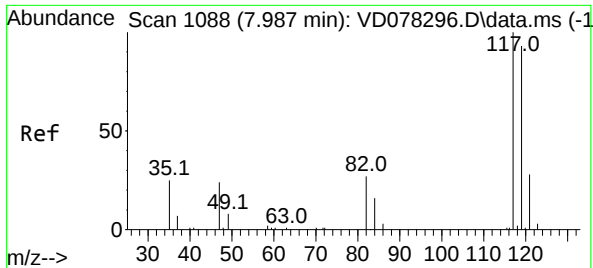
Ion Ratio Lower Upper

97 100

99 64.9 50.7 76.1

61 42.1 34.4 51.6

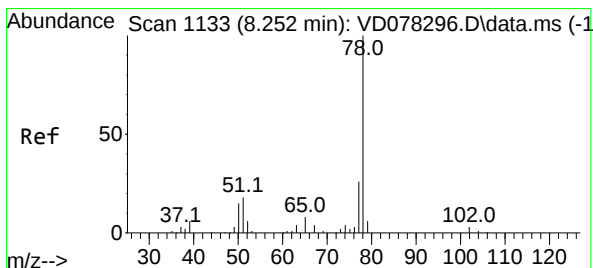
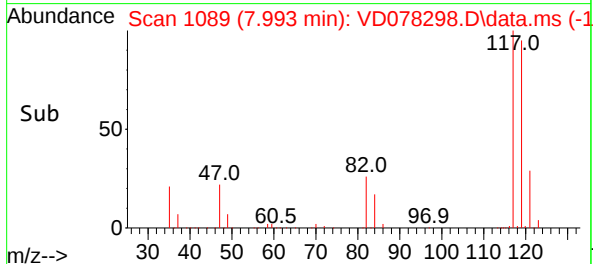
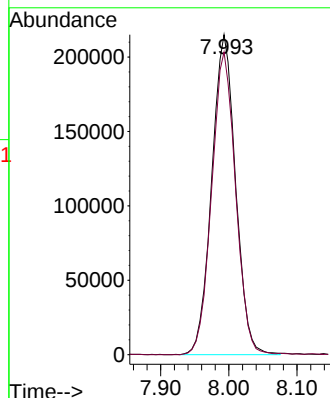
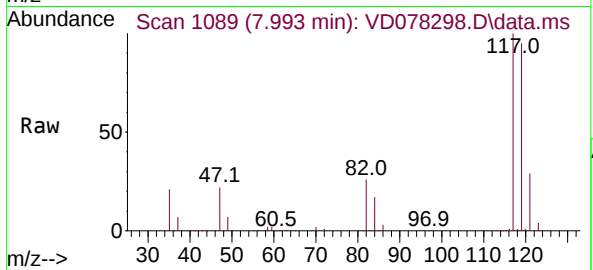




#31
Carbon tetrachloride
Concen: 101.621 ug/L
RT: 7.993 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

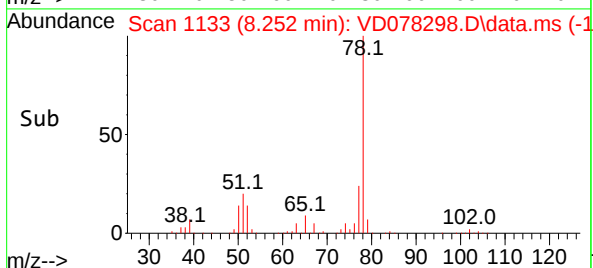
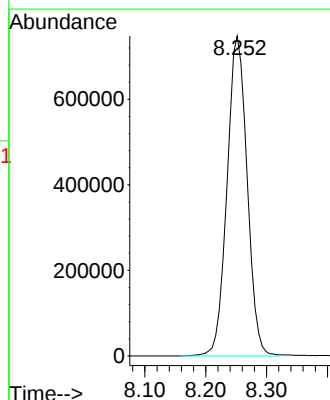
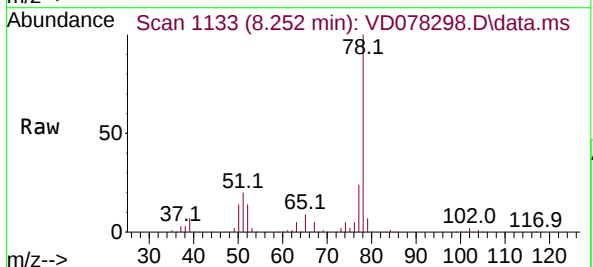
Instrument :
MSVOA_D
ClientSampleId :

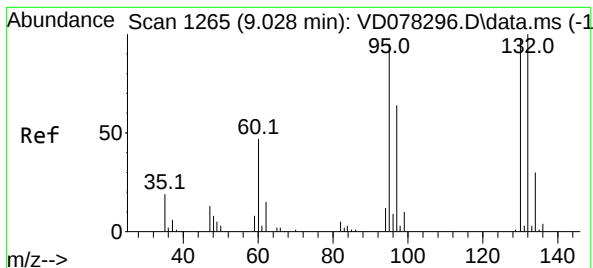
Tgt Ion:117 Resp: 523679
Ion Ratio Lower Upper
117 100
119 94.6 77.0 115.4



#33
Benzene
Concen: 108.430 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

Tgt Ion: 78 Resp: 1716201





#34

Trichloroethene

Concen: 107.335 ug/L

RT: 9.028 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078298.D

Acq: 31 Jan 2024 18:35

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 419887

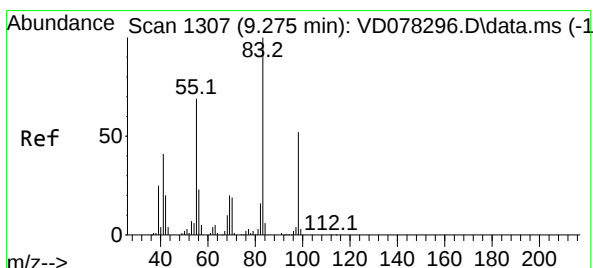
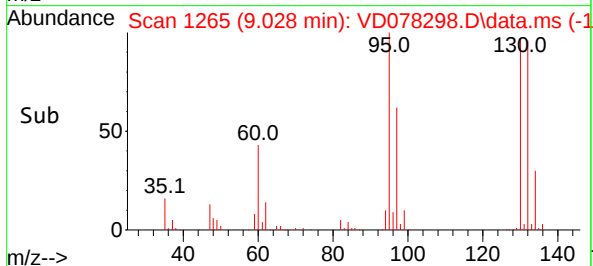
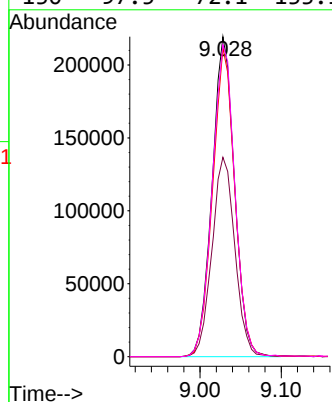
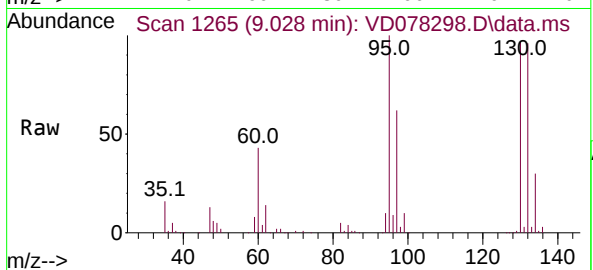
Ion Ratio Lower Upper

95 100

97 62.3 46.9 87.1

132 96.4 73.7 136.9

130 97.5 72.1 133.9



#35

Methylcyclohexane

Concen: 107.721 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD078298.D

Acq: 31 Jan 2024 18:35

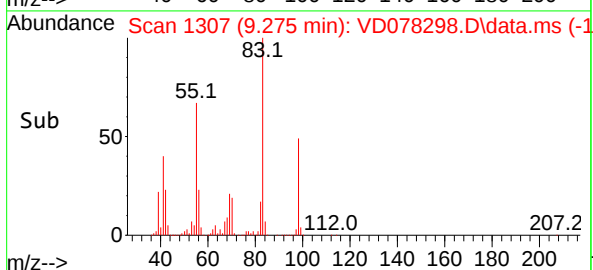
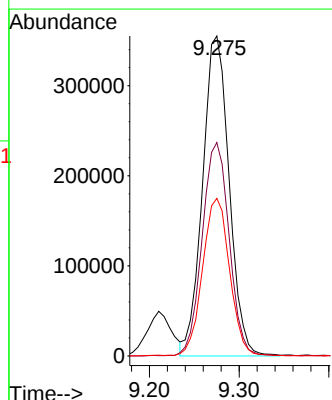
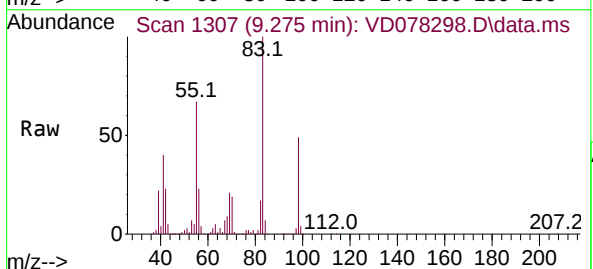
Tgt Ion: 83 Resp: 731322

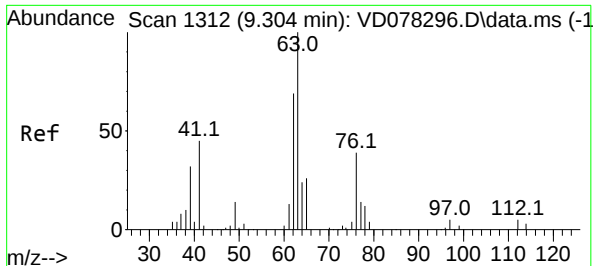
Ion Ratio Lower Upper

83 100

55 67.5 56.2 84.4

98 50.1 41.2 61.8





#37

1,2-Dichloropropane

Concen: 107.370 ug/L

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078298.D

Acq: 31 Jan 2024 18:35

Instrument :

MSVOA_D

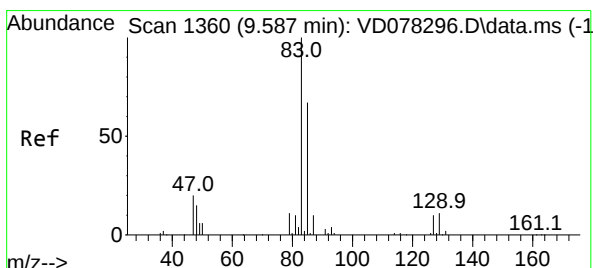
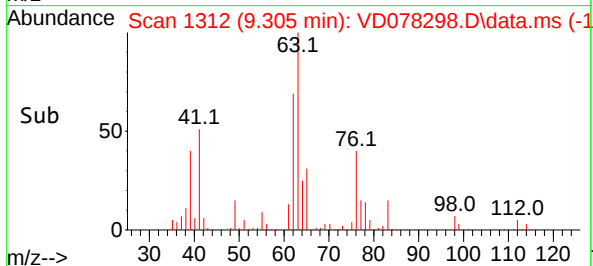
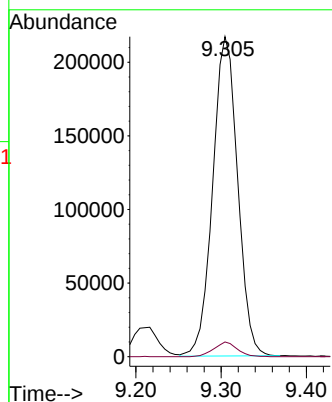
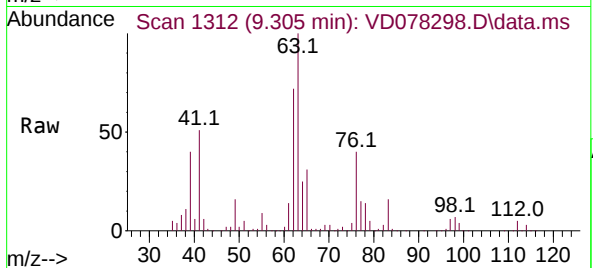
ClientSampleId :

Tgt Ion: 63 Resp: 440717

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 112.241 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD078298.D

Acq: 31 Jan 2024 18:35

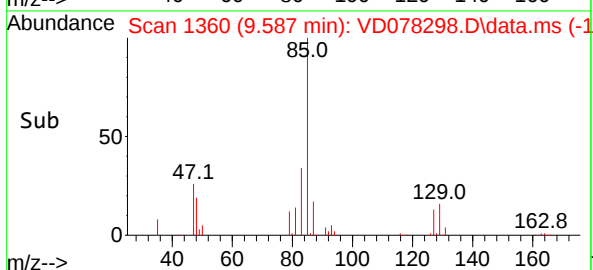
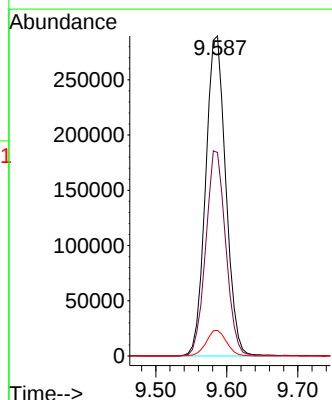
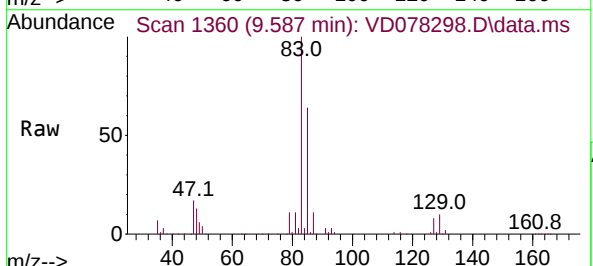
Tgt Ion: 83 Resp: 571492

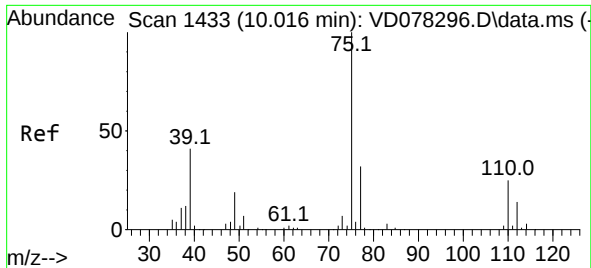
Ion Ratio Lower Upper

83 100

85 63.6 46.6 86.6

127 8.0 8.1 12.1#





#39

cis-1,3-Dichloropropene

Concen: 115.604 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD078298.D

Acq: 31 Jan 2024 18:35

Instrument :

MSVOA_D

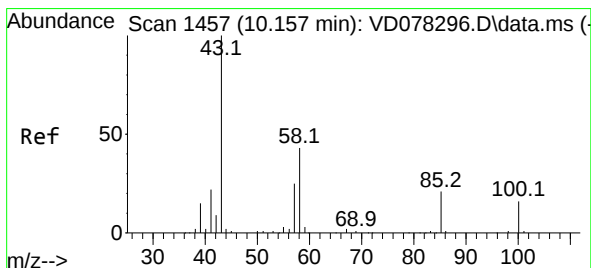
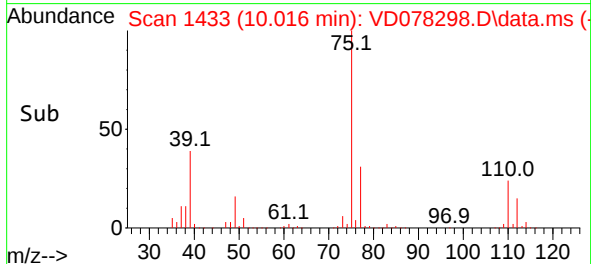
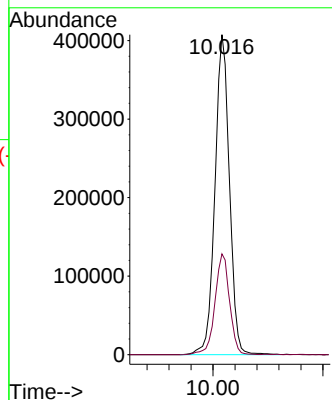
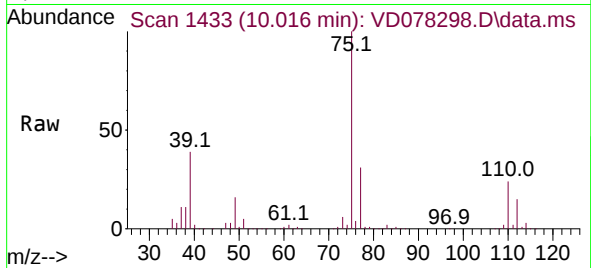
ClientSampleId :

Tgt Ion: 75 Resp: 745026

Ion Ratio Lower Upper

75 100

77 31.5 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 255.806 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD078298.D

Acq: 31 Jan 2024 18:35

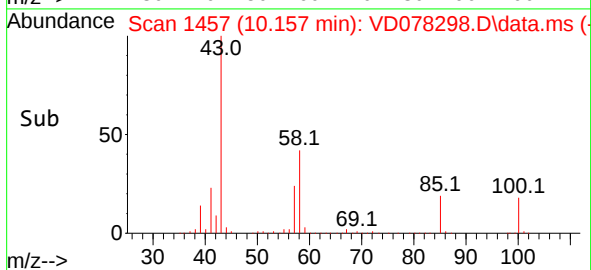
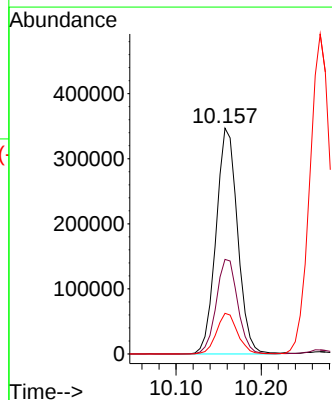
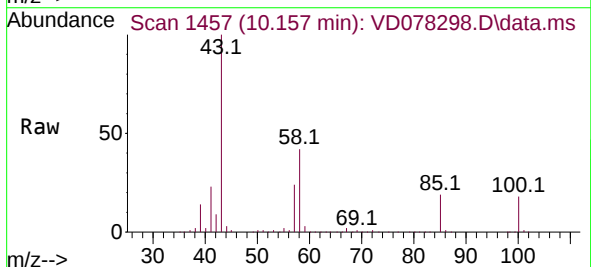
Tgt Ion: 43 Resp: 608580

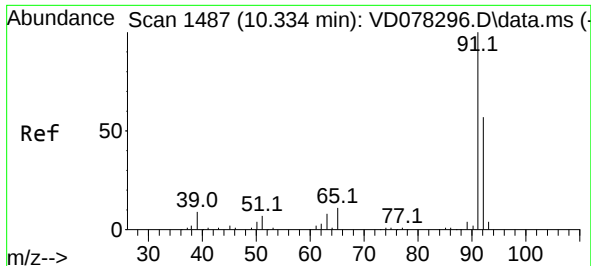
Ion Ratio Lower Upper

43 100

58 41.8 34.0 51.0

100 17.6 13.2 19.8

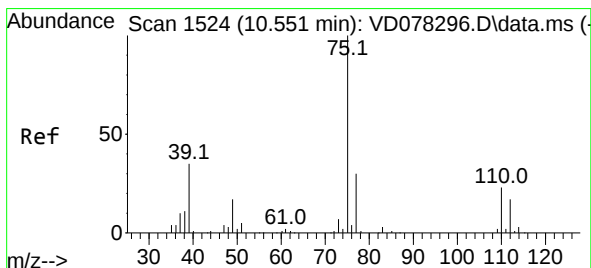
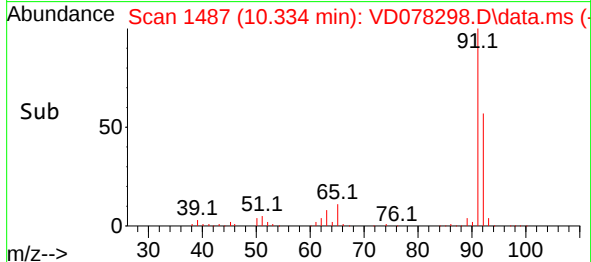
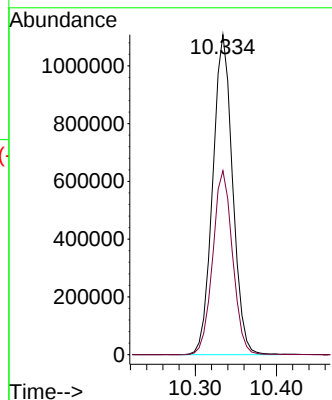
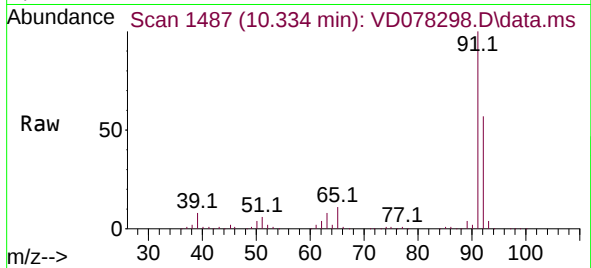




#42
Toluene
Concen: 112.547 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

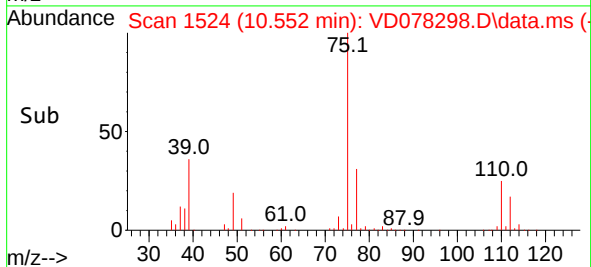
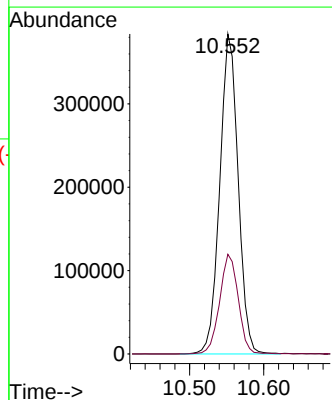
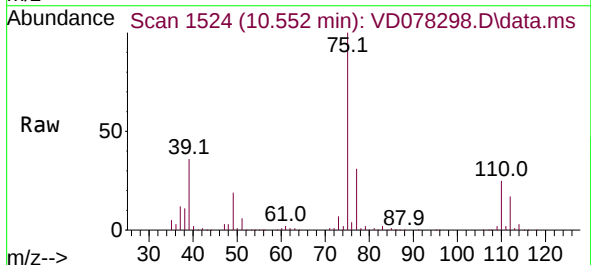
Instrument :
MSVOA_D
ClientSampleId :

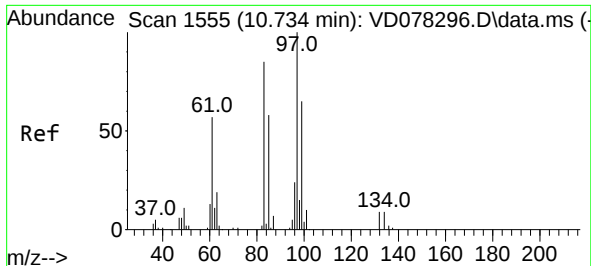
Tgt Ion: 91 Resp: 1881827
Ion Ratio Lower Upper
91 100
92 57.5 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 121.262 ug/L
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

Tgt Ion: 75 Resp: 660704
Ion Ratio Lower Upper
75 100
77 31.2 20.7 38.5

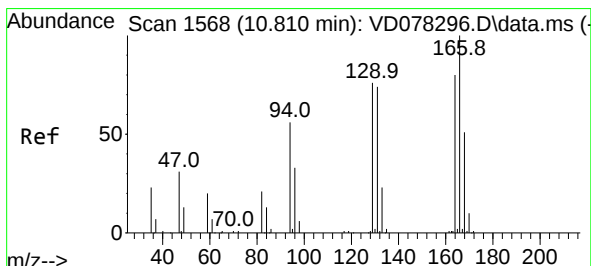
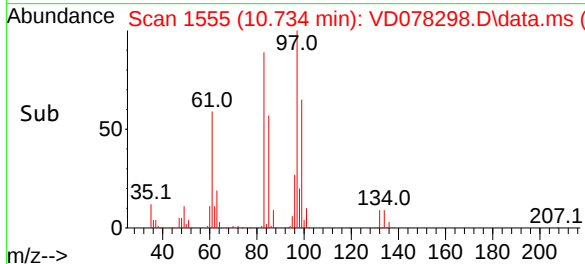
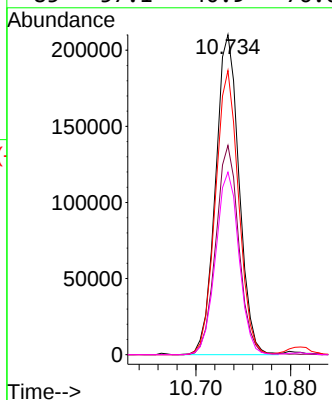
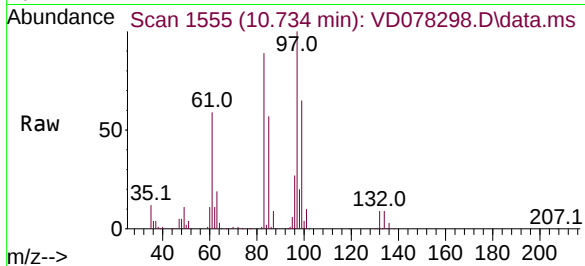




#45
1,1,2-Trichloroethane
Concen: 125.135 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

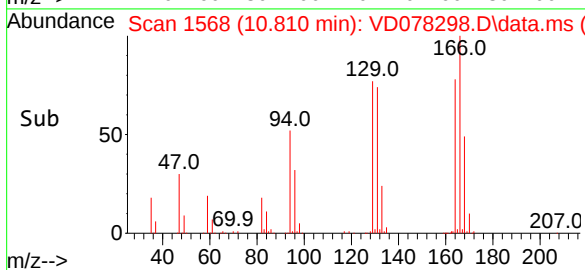
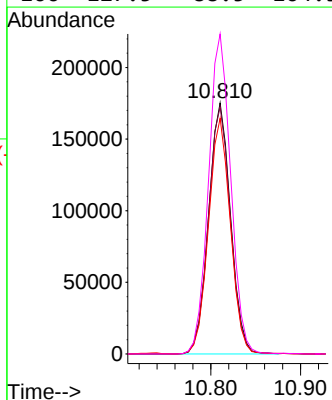
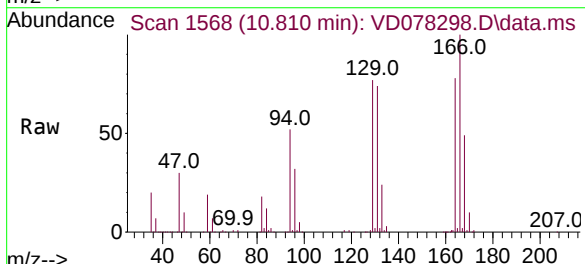
Instrument :
MSVOA_D
ClientSampleId :

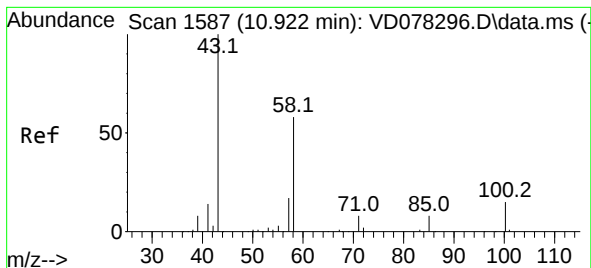
Tgt Ion:	97	Resp:	363043
Ion	Ratio	Lower	Upper
97	100		
99	65.4	45.4	84.4
83	88.8	59.5	110.5
85	57.1	40.9	76.0



#46
Tetrachloroethene
Concen: 97.895 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

Tgt Ion:	164	Resp:	298822
Ion	Ratio	Lower	Upper
164	100		
129	98.4	66.7	123.9
131	93.9	65.2	121.0
166	127.5	88.5	164.3





#48

2-Hexanone

Concen: 260.406 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

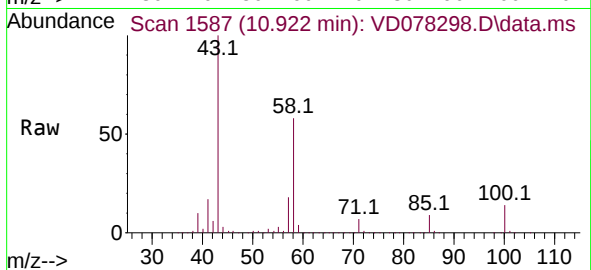
Lab File: VD078298.D

Acq: 31 Jan 2024 18:35

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 520768

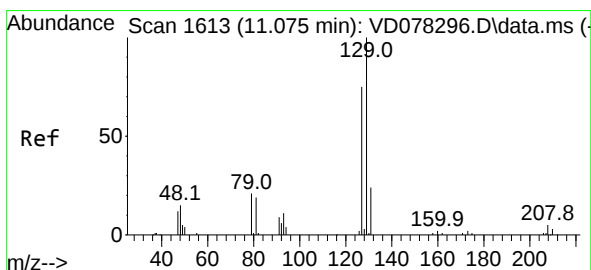
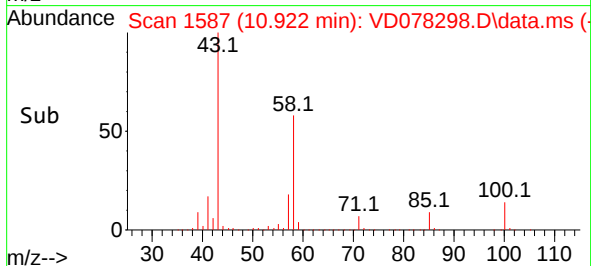
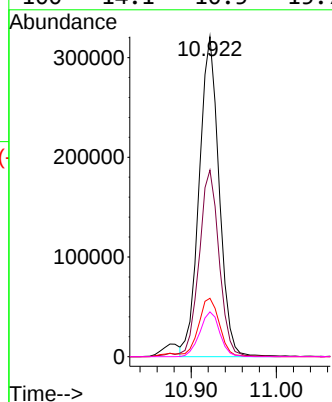
Ion Ratio Lower Upper

43 100

58 58.3 48.5 72.7

57 18.9 15.6 23.4

100 14.1 10.5 15.7



#49

Dibromochloromethane

Concen: 119.151 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD078298.D

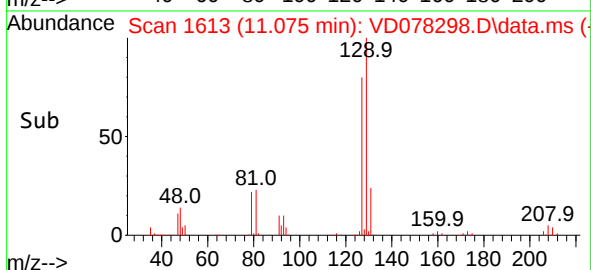
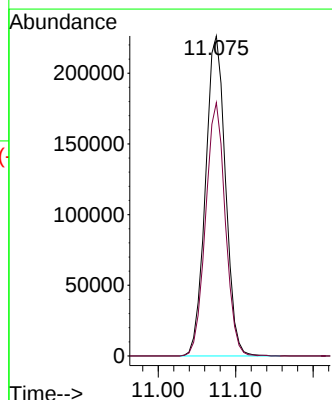
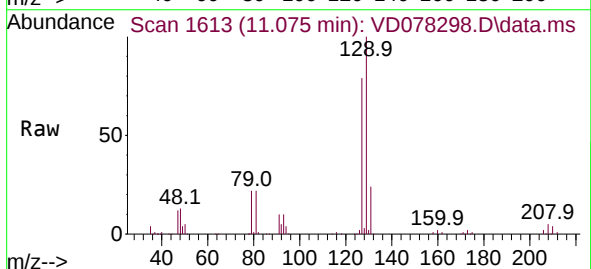
Acq: 31 Jan 2024 18:35

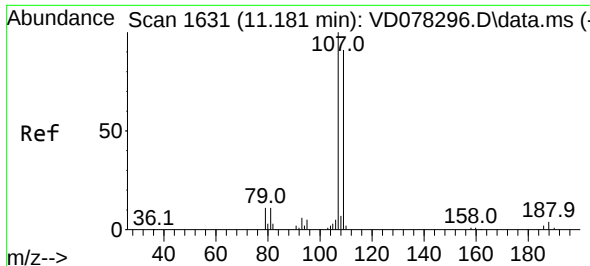
Tgt Ion:129 Resp: 405245

Ion Ratio Lower Upper

129 100

127 79.1 52.7 97.9

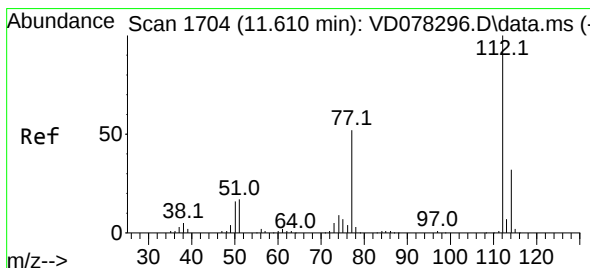
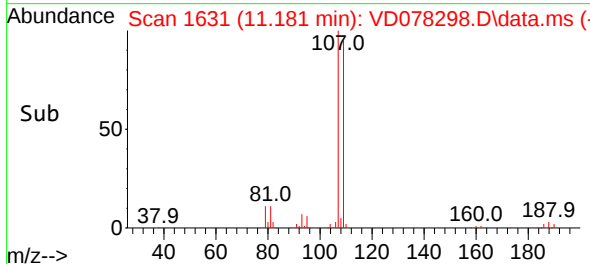
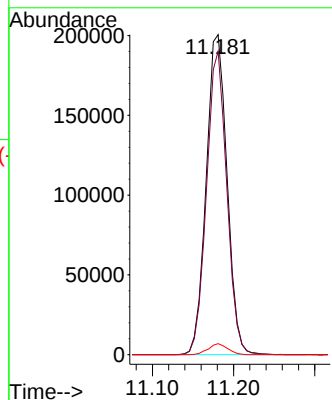
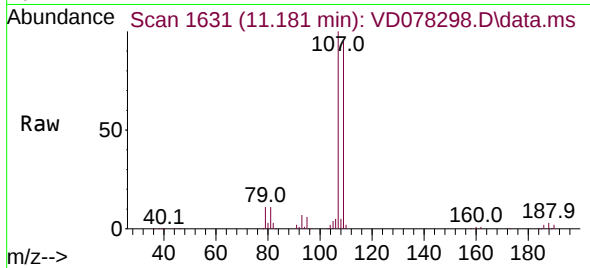




#50
1,2-Dibromoethane
Concen: 127.595 ug/L
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

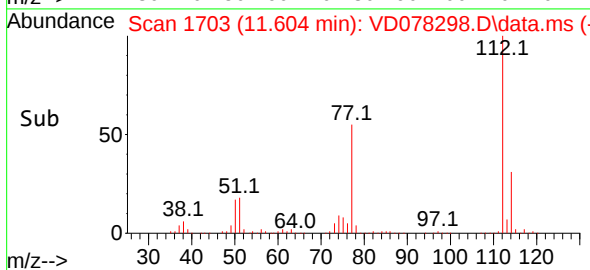
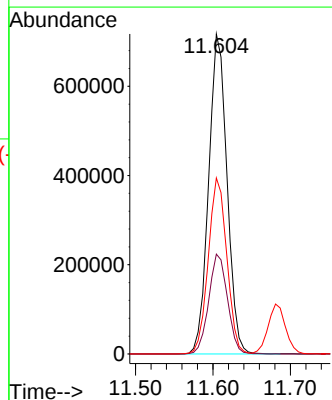
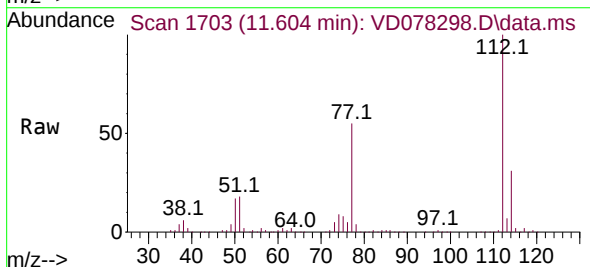
Instrument :
MSVOA_D
ClientSampleId :

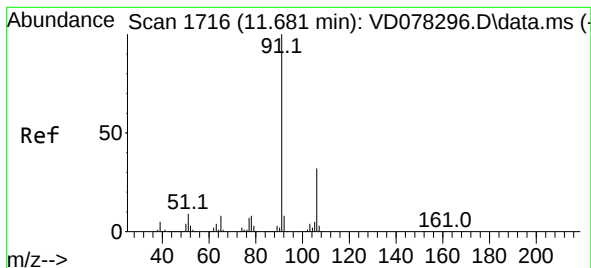
Tgt Ion:107 Resp: 357699
Ion Ratio Lower Upper
107 100
109 94.9 64.0 118.8
188 3.5 3.1 4.7



#51
Chlorobenzene
Concen: 113.406 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

Tgt Ion:112 Resp: 1180362
Ion Ratio Lower Upper
112 100
114 31.2 22.3 41.3
77 55.0 42.3 63.5

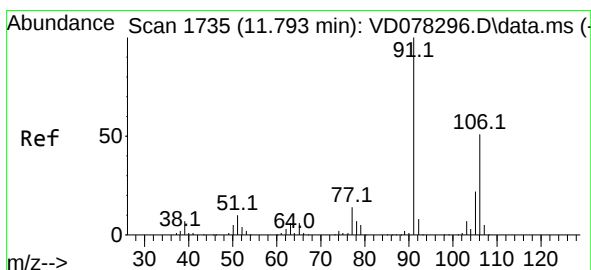
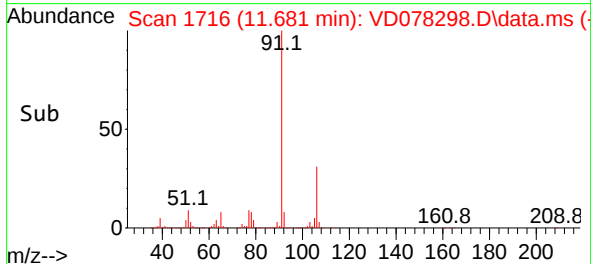
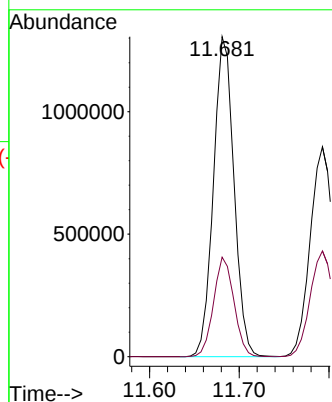
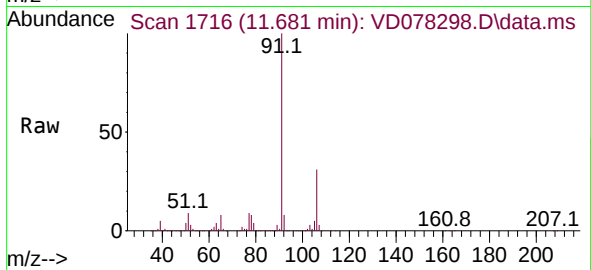




#52
Ethylbenzene
Concen: 112.844 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

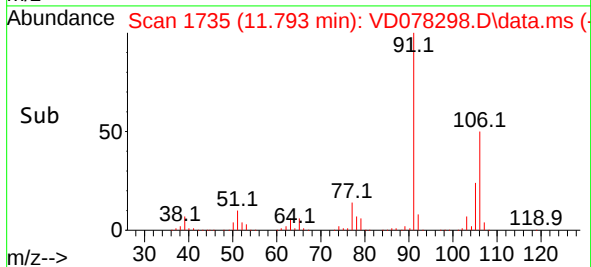
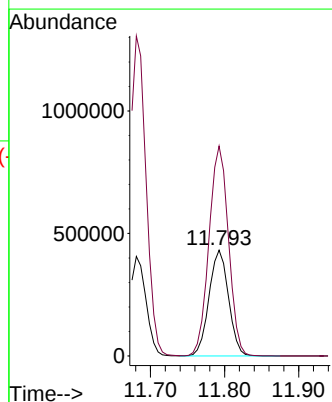
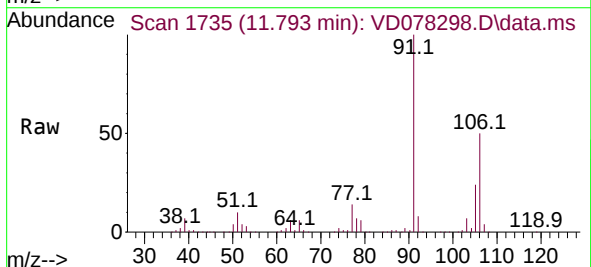
Instrument :
MSVOA_D
ClientSampleId :

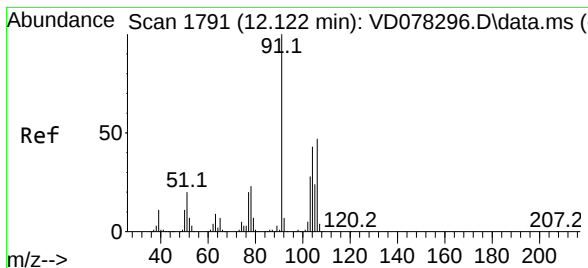
Tgt Ion: 91 Resp: 2077760
Ion Ratio Lower Upper
91 100
106 31.1 22.5 41.7



#53
m,p-Xylene
Concen: 113.520 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

Tgt Ion:106 Resp: 789484
Ion Ratio Lower Upper
106 100
91 198.3 138.3 256.8

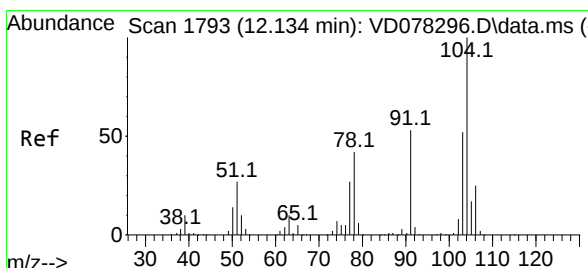
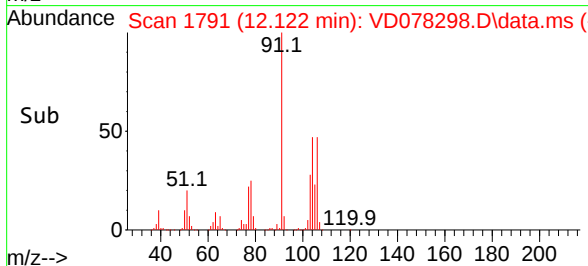
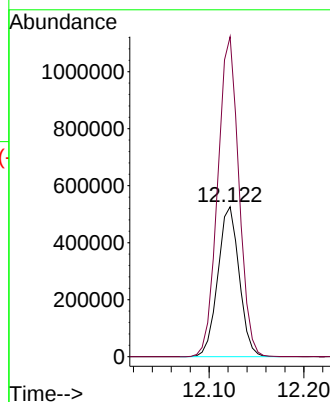
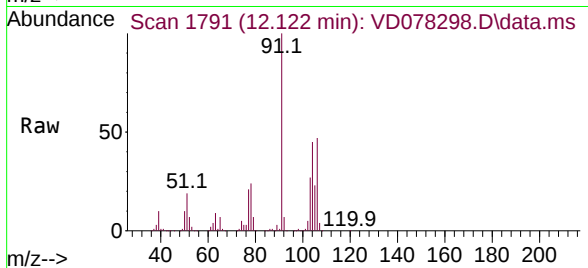




#54
o-Xylene
Concen: 123.483 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

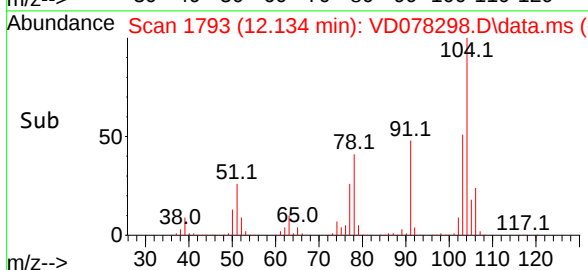
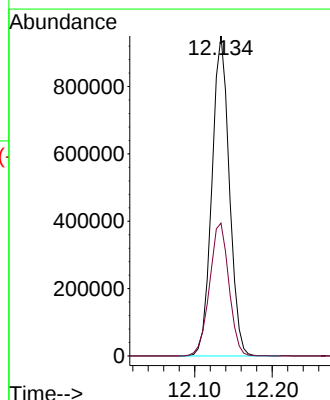
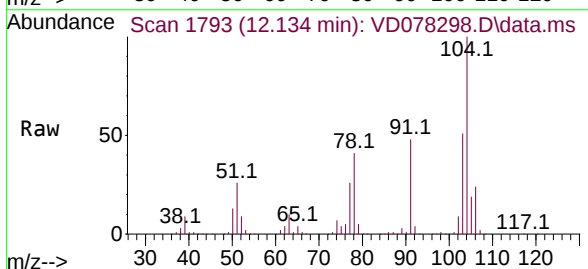
Instrument :
MSVOA_D
ClientSampleId :

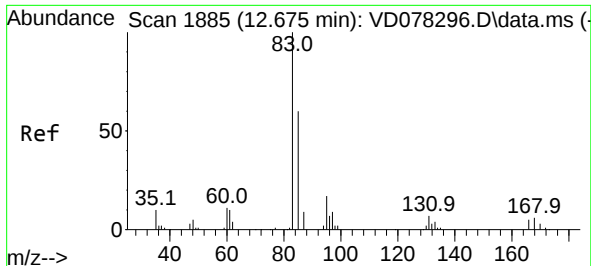
Tgt Ion:106 Resp: 823420
Ion Ratio Lower Upper
106 100
91 213.5 148.0 274.8



#55
Styrene
Concen: 126.284 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

Tgt Ion:104 Resp: 1483412
Ion Ratio Lower Upper
104 100
78 41.5 29.5 54.7





#57

1,1,2,2-Tetrachloroethane

Concen: 133.325 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078298.D

Acq: 31 Jan 2024 18:35

Instrument :

MSVOA_D

ClientSampleId :

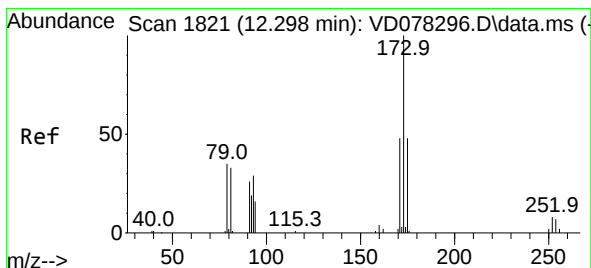
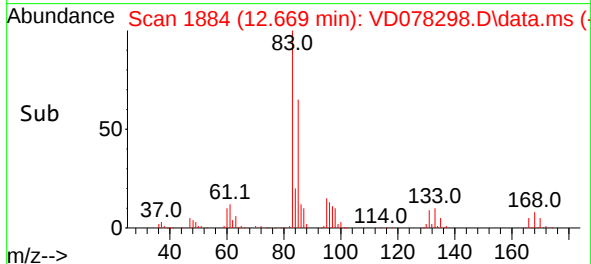
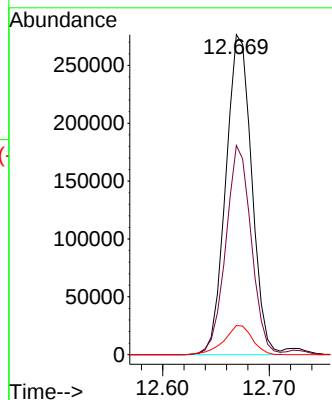
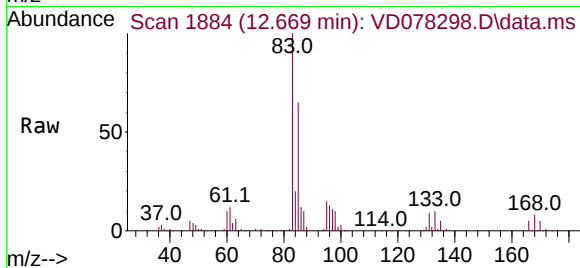
Tgt Ion: 83 Resp: 467059

Ion Ratio Lower Upper

83 100

85 65.4 42.6 79.0

131 9.1 6.0 9.0#



#59

Bromoform

Concen: 128.927 ug/L

RT: 12.299 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078298.D

Acq: 31 Jan 2024 18:35

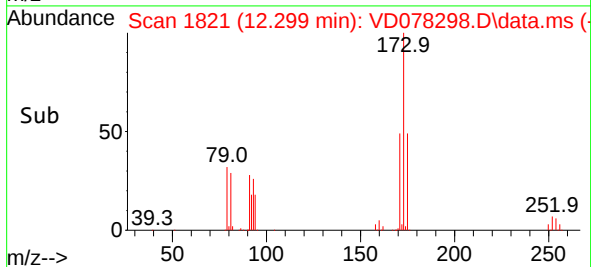
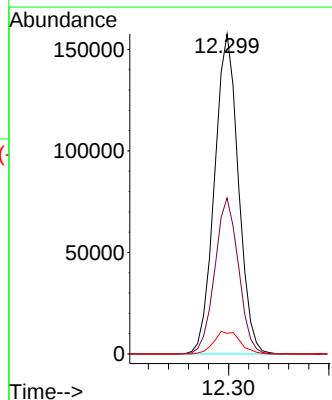
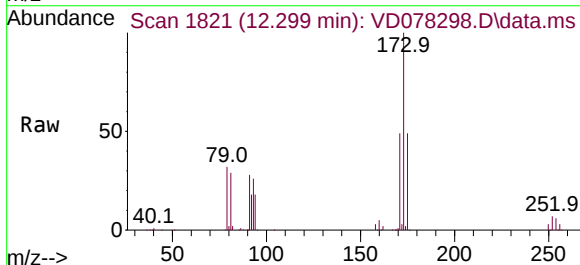
Tgt Ion:173 Resp: 260810

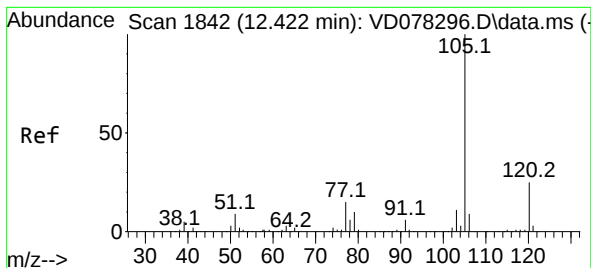
Ion Ratio Lower Upper

173 100

175 48.3 40.2 60.4

254 7.7 6.6 9.8





#60

Isopropylbenzene

Concen: 118.195 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078298.D

Acq: 31 Jan 2024 18:35

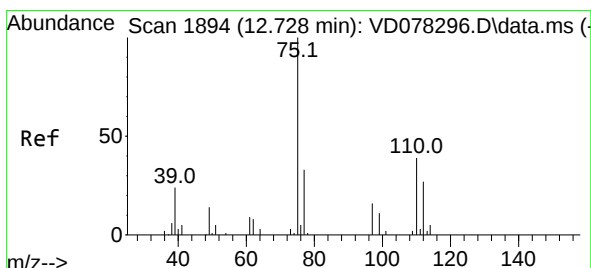
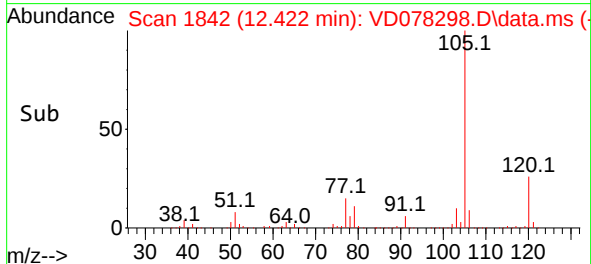
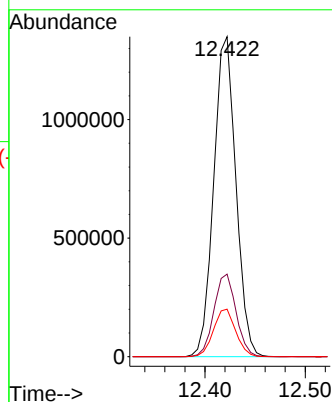
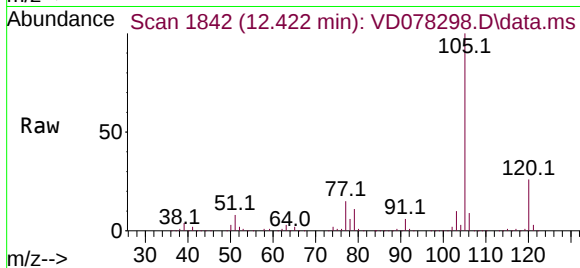
Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:105 Resp: 2070094

Ion	Ratio	Lower	Upper
105	100		
120	25.8	20.4	30.6
77	14.9	12.4	18.6



#61

1,2,3-Trichloropropane

Concen: 131.071 ug/L

RT: 12.722 min Scan# 1893

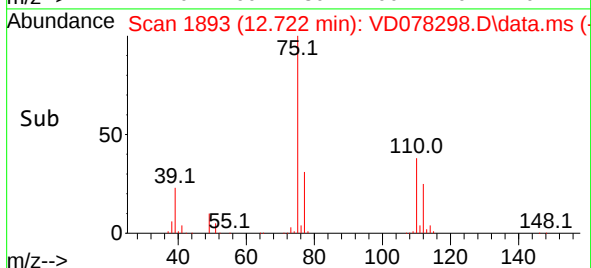
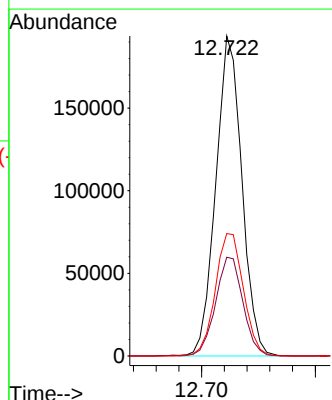
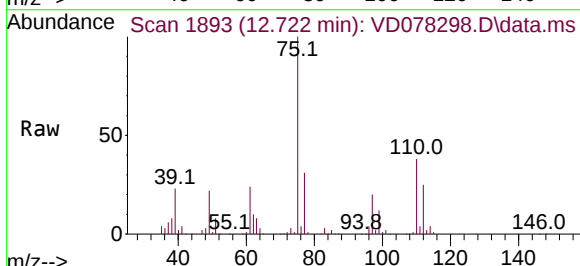
Delta R.T. -0.006 min

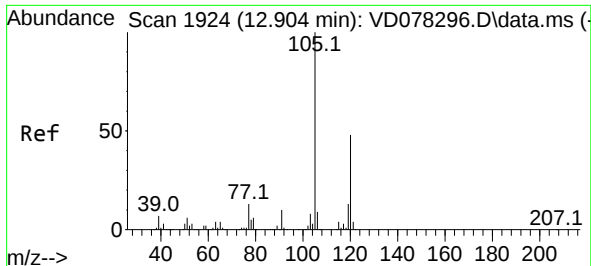
Lab File: VD078298.D

Acq: 31 Jan 2024 18:35

Tgt Ion: 75 Resp: 308563

Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.5	39.7
110	41.0	31.8	47.8

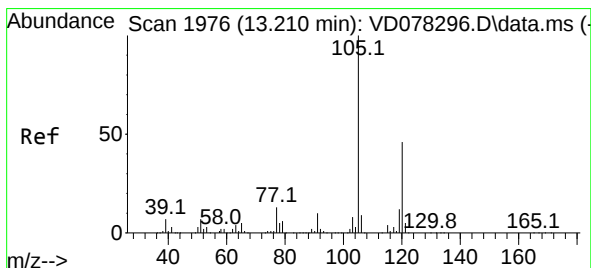
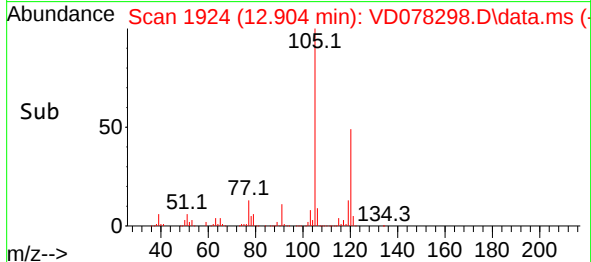
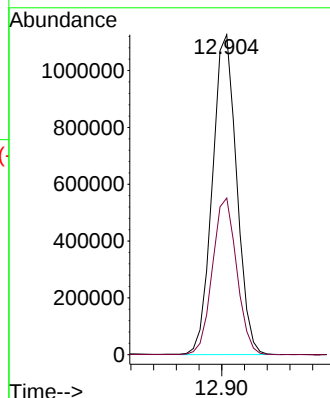
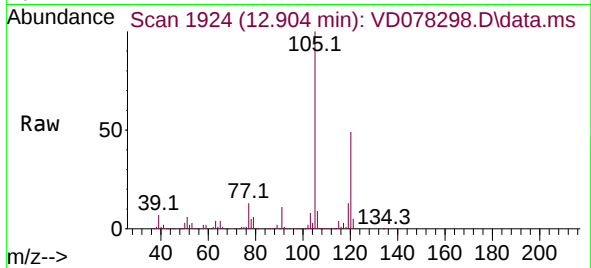




#62
 1,3,5-Trimethylbenzene
 Concen: 126.350 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD078298.D
 Acq: 31 Jan 2024 18:35

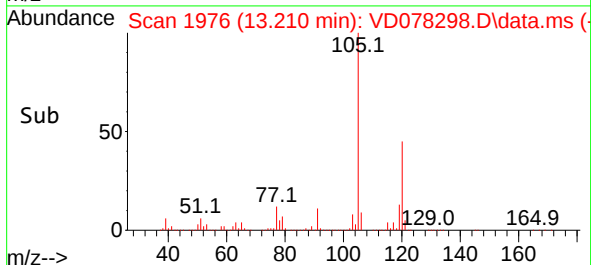
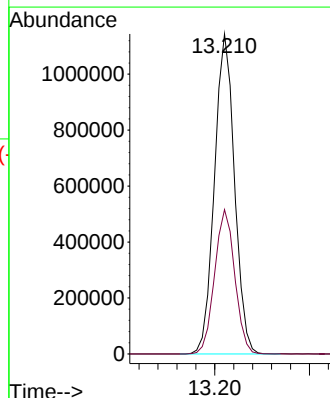
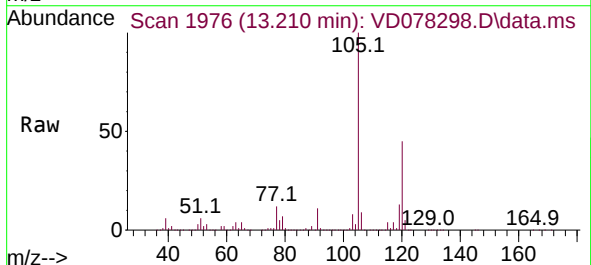
Instrument :
 MSVOA_D
 ClientSampleId :

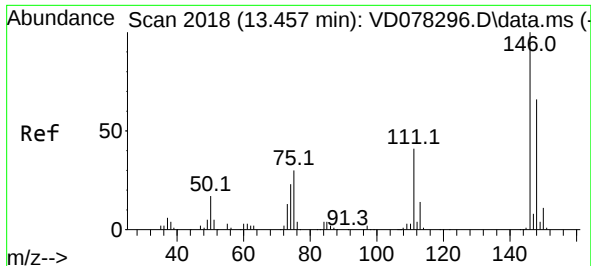
Tgt Ion:105 Resp: 1670856
 Ion Ratio Lower Upper
 105 100
 120 49.1 39.5 59.3



#63
 1,2,4-Trimethylbenzene
 Concen: 125.356 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD078298.D
 Acq: 31 Jan 2024 18:35

Tgt Ion:105 Resp: 1680145
 Ion Ratio Lower Upper
 105 100
 120 45.4 37.0 55.4

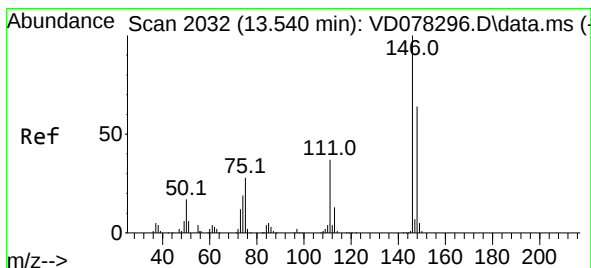
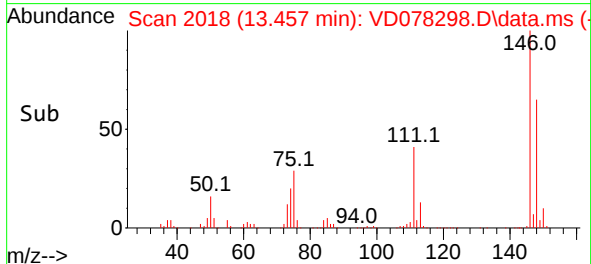
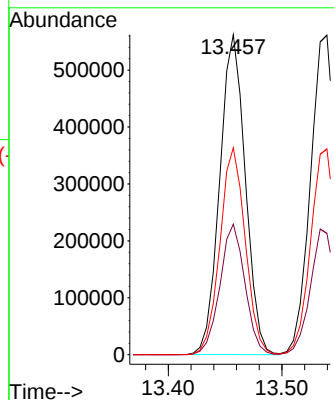
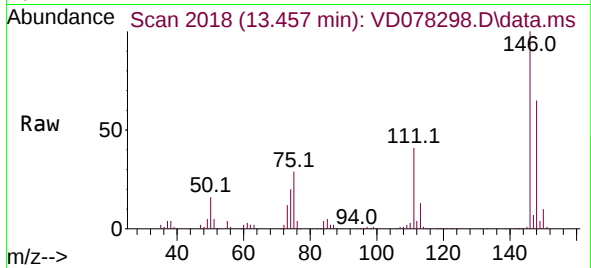




#64
1,3-Dichlorobenzene
Concen: 115.765 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

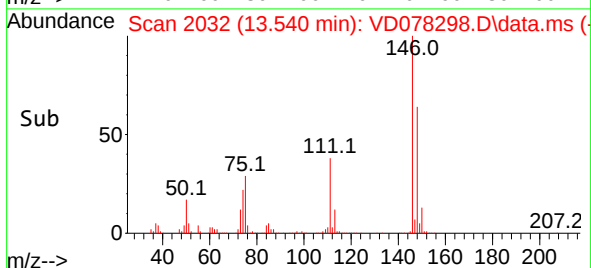
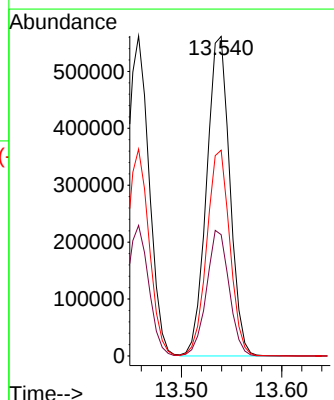
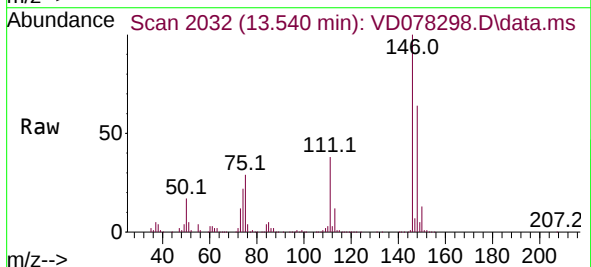
Instrument :
MSVOA_D
ClientSampleId :

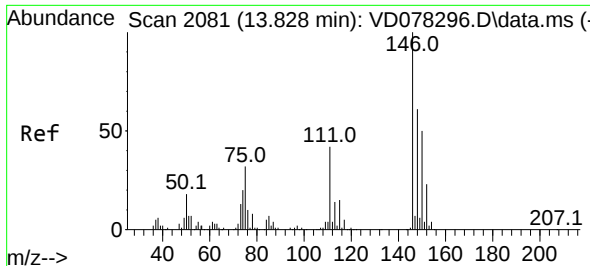
Tgt Ion:146 Resp: 879676
Ion Ratio Lower Upper
146 100
111 40.8 28.6 53.0
148 64.7 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 113.835 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

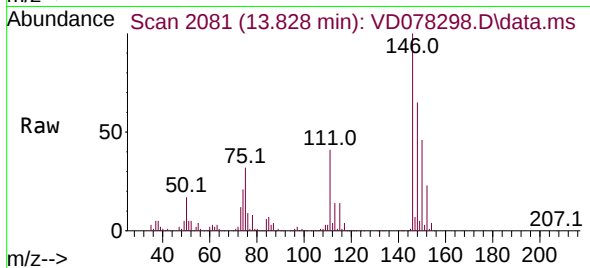
Tgt Ion:146 Resp: 903351
Ion Ratio Lower Upper
146 100
111 38.0 26.4 49.0
148 64.4 44.5 82.7



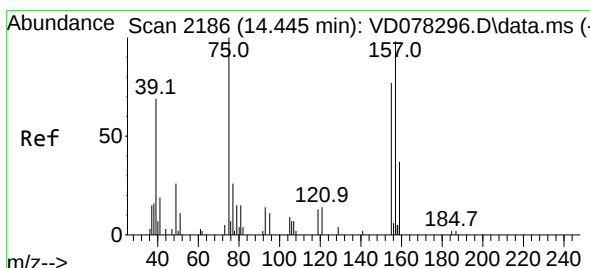
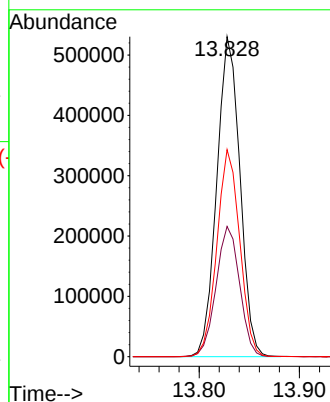
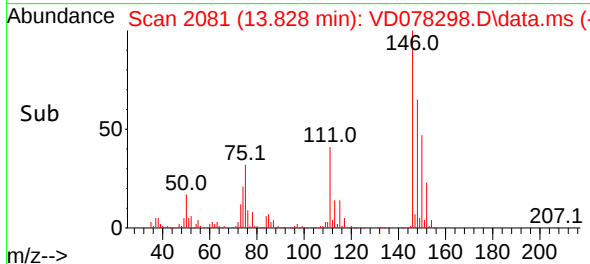


#67
 1,2-Dichlorobenzene
 Concen: 123.015 ug/L
 RT: 13.828 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VD078298.D
 Acq: 31 Jan 2024 18:35

Instrument :
 MSVOA_D
 ClientSampleId :

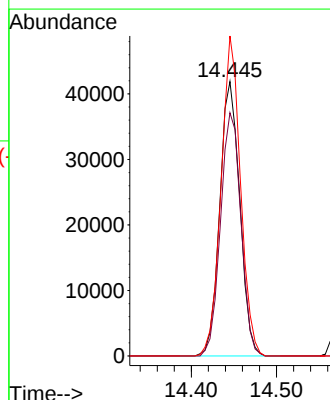
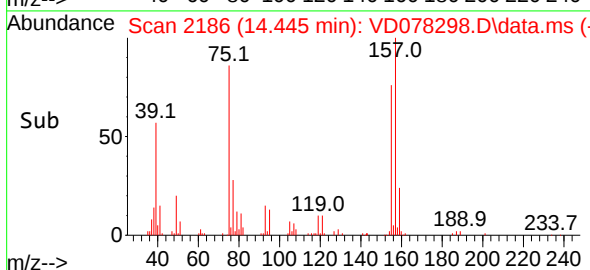
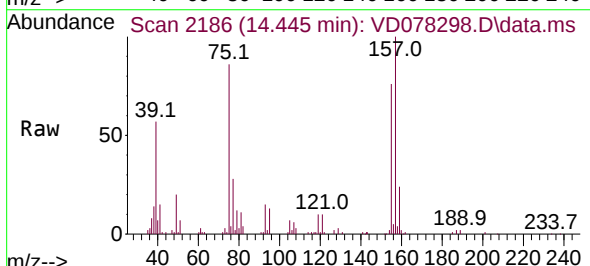


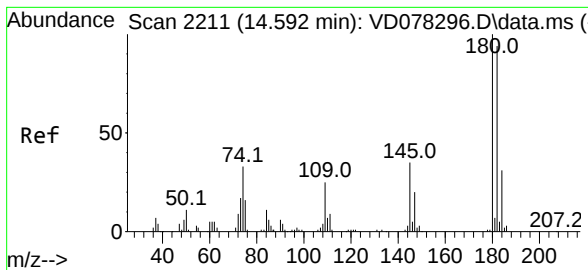
Tgt Ion:146 Resp: 851370
 Ion Ratio Lower Upper
 146 100
 111 40.7 33.6 50.4
 148 64.7 48.4 72.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 126.554 ug/L
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD078298.D
 Acq: 31 Jan 2024 18:35

Tgt Ion: 75 Resp: 68322
 Ion Ratio Lower Upper
 75 100
 155 88.6 61.6 92.4
 157 116.6 78.1 117.1





#69

1,3,5-Trichlorobenzene

Concen: 110.959 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

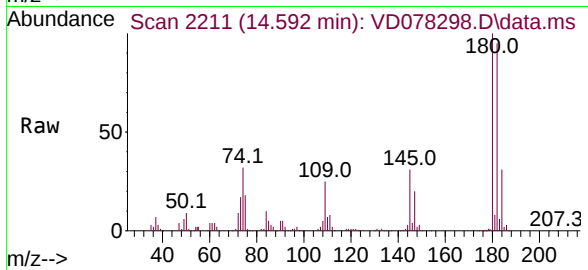
Lab File: VD078298.D

Acq: 31 Jan 2024 18:35

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 564413

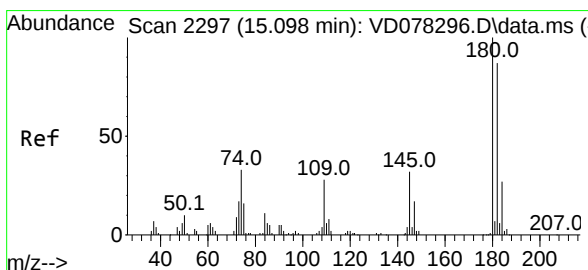
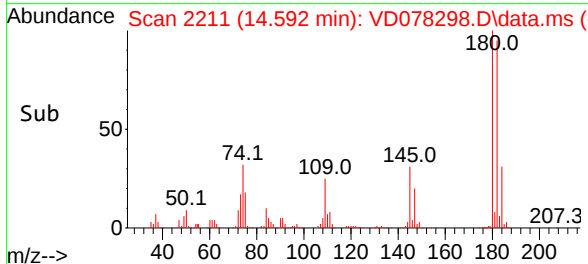
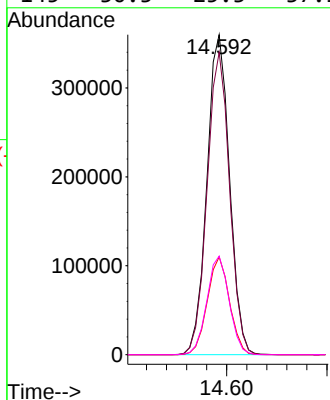
Ion Ratio Lower Upper

180 100

182 93.9 75.6 113.4

184 29.9 23.2 34.8

145 30.3 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 116.922 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078298.D

Acq: 31 Jan 2024 18:35

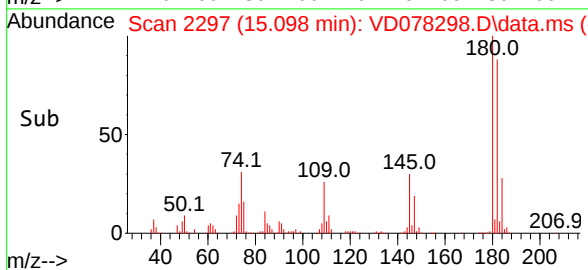
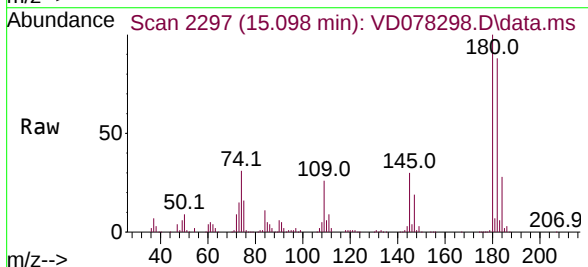
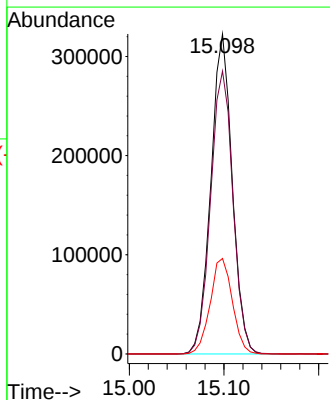
Tgt Ion:180 Resp: 505789

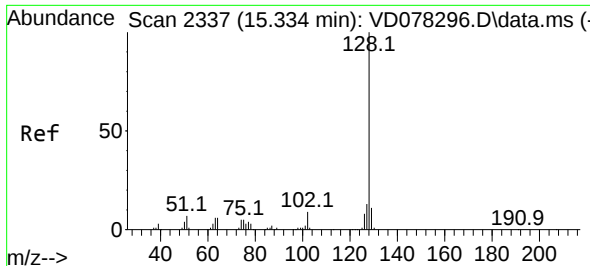
Ion Ratio Lower Upper

180 100

182 92.1 76.2 114.4

145 31.0 25.0 37.6

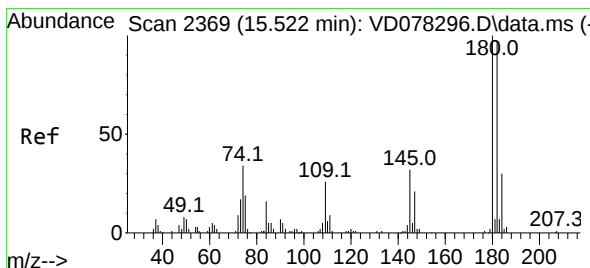
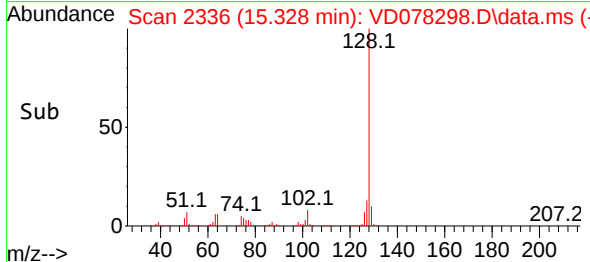
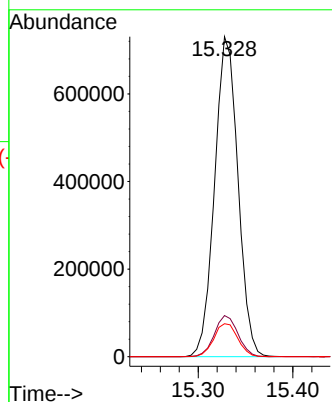
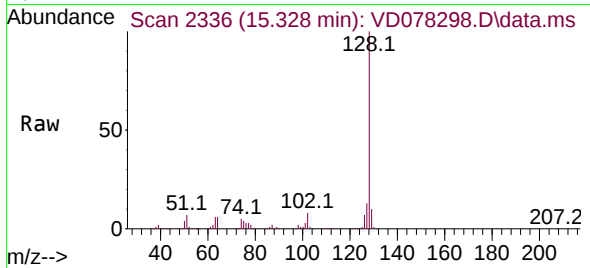




#71
Naphthalene
Concen: 148.885 ug/L
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 1251098
Ion Ratio Lower Upper
128 100
127 13.0 11.0 16.4
129 10.6 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 118.561 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078298.D
Acq: 31 Jan 2024 18:35

Tgt Ion:180 Resp: 457469
Ion Ratio Lower Upper
180 100
182 95.5 75.4 113.0
145 32.4 26.8 40.2

