

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033123\
 Data File : VD075553.D
 Acq On : 31 Mar 2023 11:44
 Operator : KP/SY
 Sample : VSTD00518
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 31 23:55:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 31 23:54:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	340198	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	307434	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	139838	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	39640	5.004	ug/L	0.00
7) Chloroethane-d5	2.805	69	37875	5.374	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	63	33282	5.209	ug/L	0.00
21) 2-Butanone-d5	6.993	46	4269	8.276	ug/L	0.00
24) Chloroform-d	7.569	84	44692	5.572	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	18358	5.165	ug/L	0.00
32) Benzene-d6	8.205	84	84906	4.724	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.204	67	24121	5.036	ug/L	0.00
41) Toluene-d8	10.269	98	95885	5.689	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	11737	5.878	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	6419	11.325	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.657	84	18846	5.252	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	23251	4.847	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	20360	6.386	ug/L	97
3) Chloromethane	2.152	50	27151	6.508	ug/L	99
5) Vinyl chloride	2.287	62	41402	6.367	ug/L	99
6) Bromomethane	2.693	94	26820	6.045	ug/L	97
8) Chloroethane	2.840	64	27901	6.159	ug/L	99
9) Trichlorofluoromethane	3.175	101	34398	6.084	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	23018	5.861	ug/L	97
12) 1,1-Dichloroethene	3.940	96	18925	5.833	ug/L	91
13) Acetone	4.028	43	6434	11.893	ug/L	100
14) Carbon disulfide	4.269	76	50635	6.523	ug/L	95
15) Methyl Acetate	4.564	43	5708	6.296	ug/L #	85
16) Methylene chloride	4.805	84	31205	6.673	ug/L	95
17) trans-1,2-Dichloroethene	5.311	96	19953	5.793	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	34492	5.266	ug/L #	83
19) 1,1-Dichloroethane	6.111	63	34431	5.831	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	21763	5.381	ug/L	92
22) 2-Butanone	7.081	43	6360	9.869	ug/L	89
23) Bromochloromethane	7.428	128	10758	5.641	ug/L	95
25) Chloroform	7.593	83	39227	5.546	ug/L	97
27) 1,2-Dichloroethane	8.328	62	19939	5.454	ug/L	99
29) Cyclohexane	7.875	56	19363	5.161	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	33432	5.520	ug/L	99
31) Carbon tetrachloride	7.993	117	26125	5.344	ug/L	99
33) Benzene	8.252	78	79720	5.039	ug/L	100
34) Trichloroethene	9.028	95	22347	5.042	ug/L	94
35) Methylcyclohexane	9.275	83	30362	5.237	ug/L	98
37) 1,2-Dichloropropane	9.305	63	19599	5.266	ug/L	100
38) Bromodichloromethane	9.587	83	29512	5.567	ug/L	95
39) cis-1,3-Dichloropropene	10.022	75	32969	5.587	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	16253	11.651	ug/L	97
42) Toluene	10.334	91	105565	6.006	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	29997	5.979	ug/L	96

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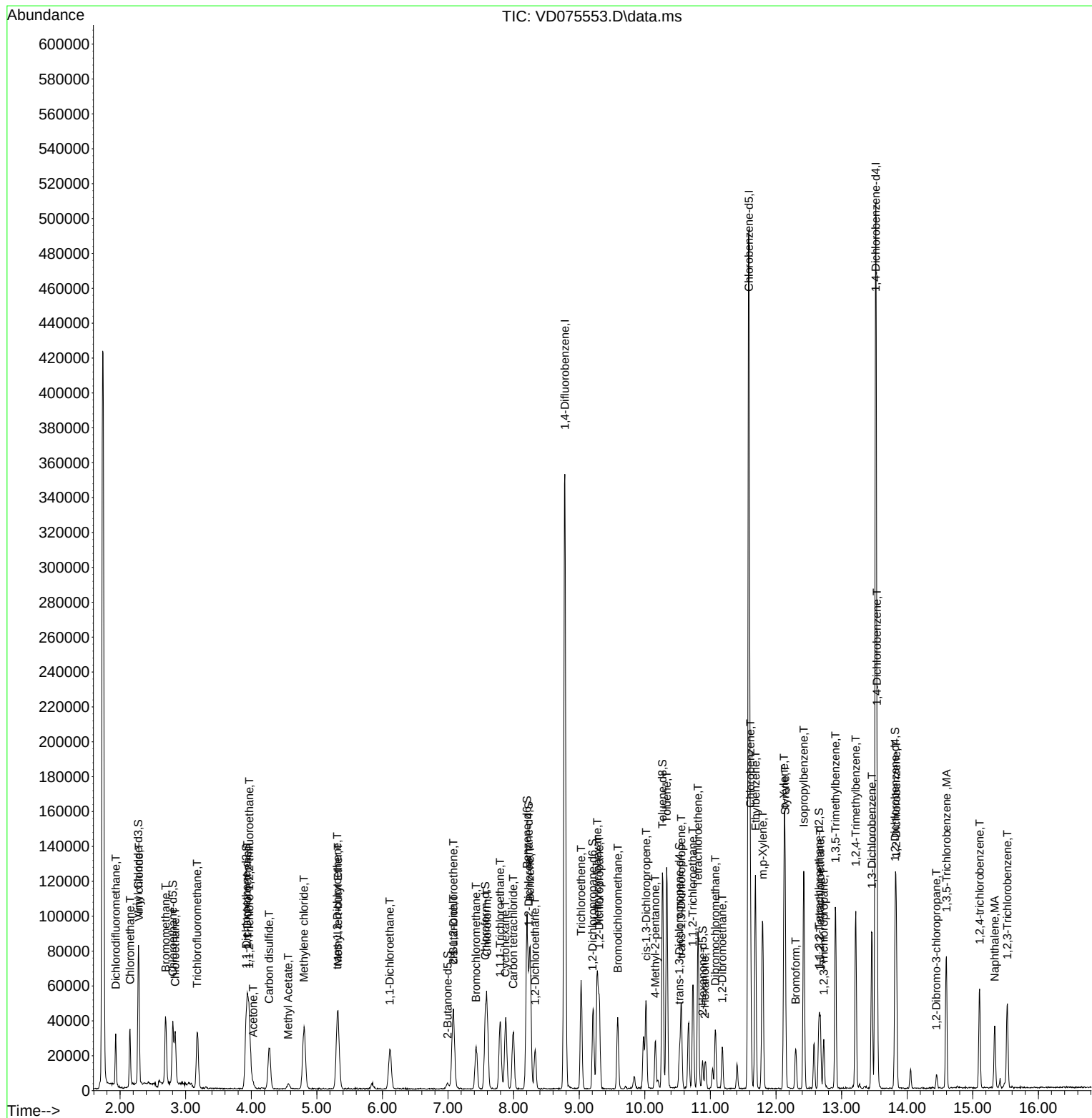
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.728	97	21152	6.193	ug/L	94
46) Tetrachloroethene	10.810	164	22340	6.436	ug/L	89
48) 2-Hexanone	10.916	43	9480	10.083	ug/L	96
49) Dibromochloromethane	11.075	129	19072	5.158	ug/L	100
50) 1,2-Dibromoethane	11.181	107	16013	5.351	ug/L #	99
51) Chlorobenzene	11.610	112	60308	5.095	ug/L	94
52) Ethylbenzene	11.687	91	90249	4.883	ug/L	93
53) m,p-Xylene	11.798	106	33988	4.690	ug/L	95
54) o-Xylene	12.122	106	32036	4.642	ug/L	92
55) Styrene	12.140	104	56427	4.589	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.675	83	18941	5.374	ug/L #	89
59) Bromoform	12.298	173	9888	4.572	ug/L #	87
60) Isopropylbenzene	12.422	105	85593	4.636	ug/L	97
61) 1,2,3-Trichloropropane	12.728	75	12124	5.478	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	60649	4.355	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	57901	4.348	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	41346	4.945	ug/L	100
65) 1,4-Dichlorobenzene	13.540	146	44064	5.053	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	37448	4.946	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	2344	5.259	ug/L #	74
69) 1,3,5-Trichlorobenzene	14.598	180	24904	4.830	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	19023	4.558	ug/L	92
71) Naphthalene	15.334	128	32313	4.187	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	17888	4.784	ug/L	97

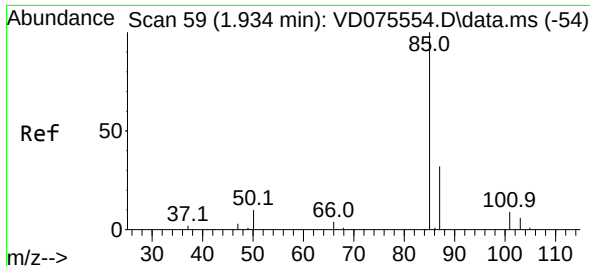
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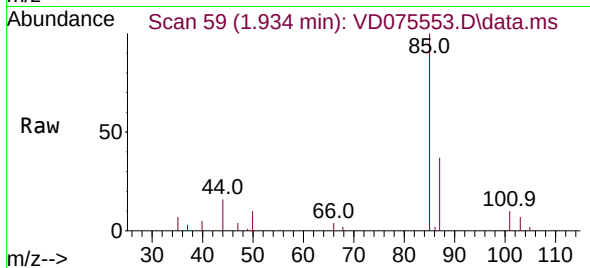
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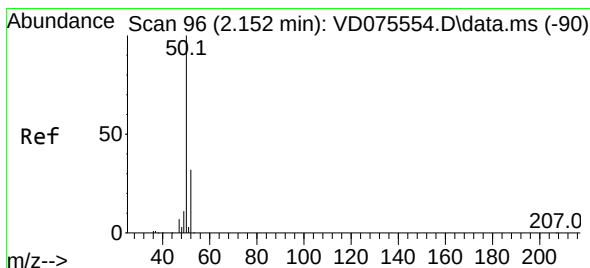
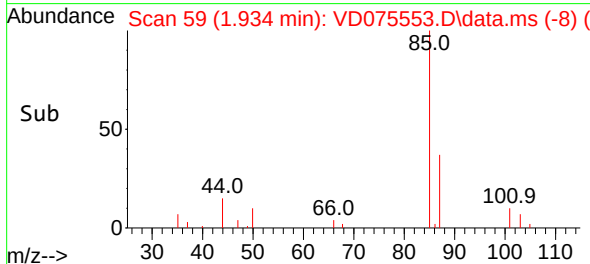
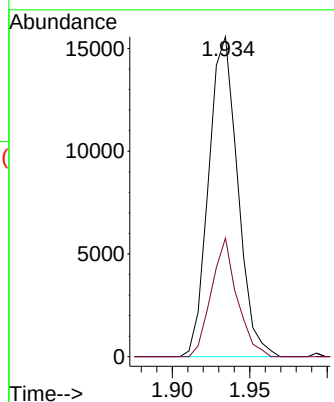


#2
 Dichlorodifluoromethane
 Concen: 6.386 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD075553.D
 Acq: 31 Mar 2023 11:44

Instrument :
 MSVOA_D
 ClientSampleId :

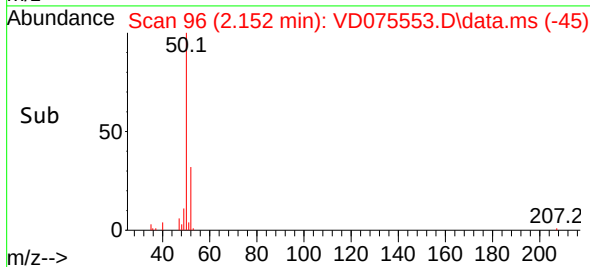
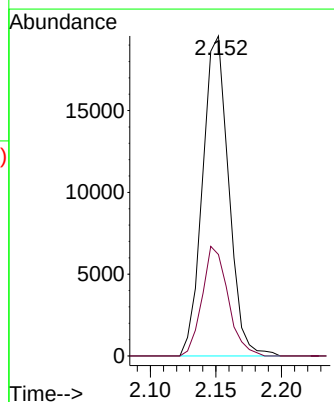
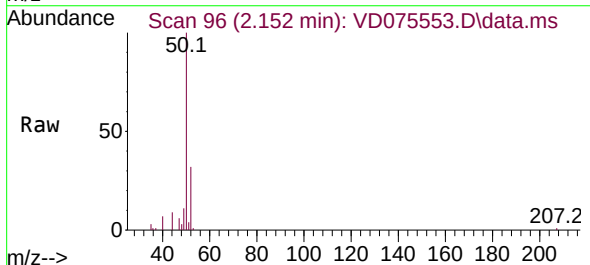


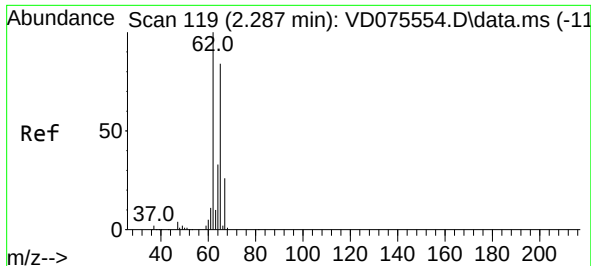
Tgt Ion: 85 Resp: 20360
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.0 37.4



#3
 Chloromethane
 Concen: 6.508 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VD075553.D
 Acq: 31 Mar 2023 11:44

Tgt Ion: 50 Resp: 27151
 Ion Ratio Lower Upper
 50 100
 52 31.7 22.7 42.1

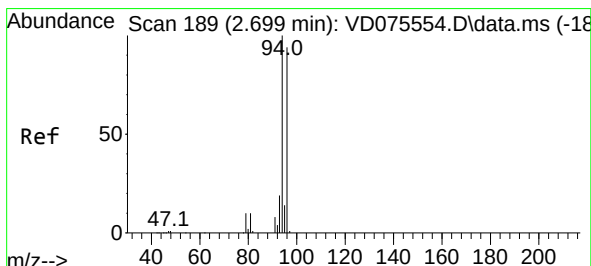
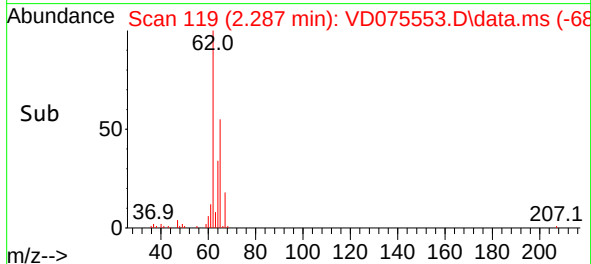
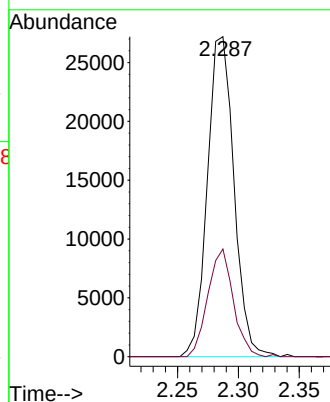
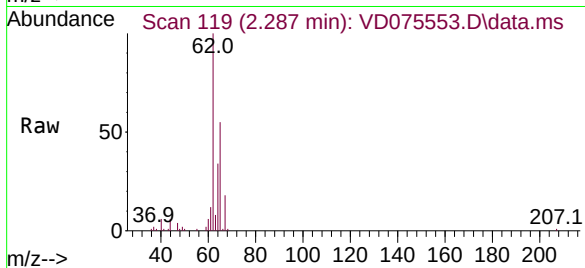




#5
 Vinyl chloride
 Concen: 6.367 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD075553.D
 Acq: 31 Mar 2023 11:44

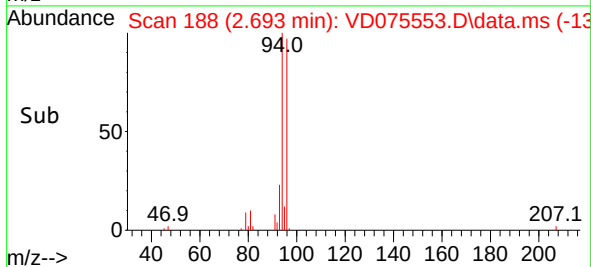
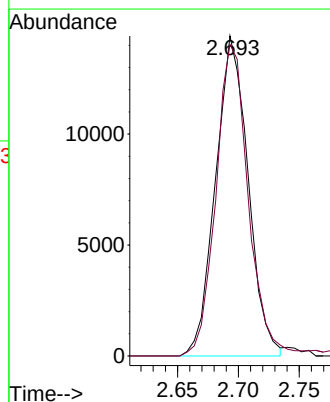
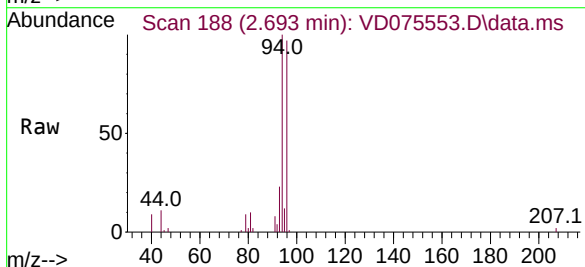
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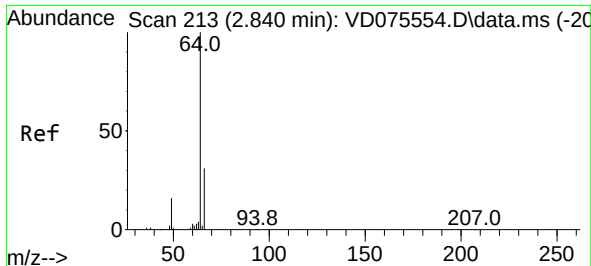
Tgt Ion: 62 Resp: 41402
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.1 42.9



#6
 Bromomethane
 Concen: 6.045 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.005 min
 Lab File: VD075553.D
 Acq: 31 Mar 2023 11:44

Tgt Ion: 94 Resp: 26820
 Ion Ratio Lower Upper
 94 100
 96 97.4 66.1 122.7

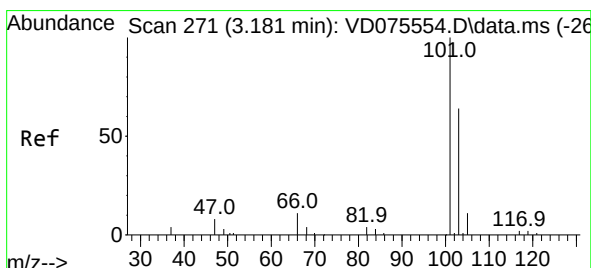
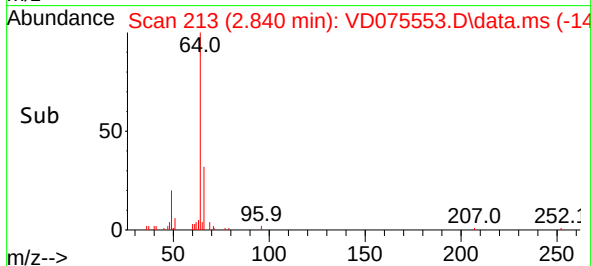
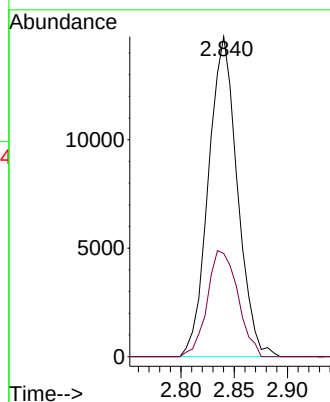
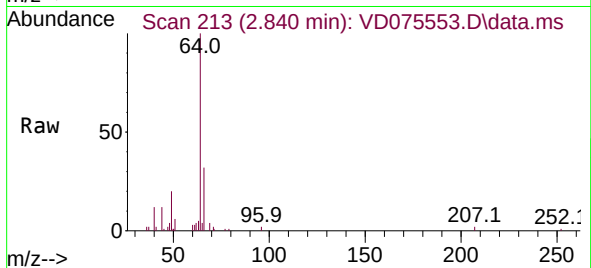




#8
Chloroethane
Concen: 6.159 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

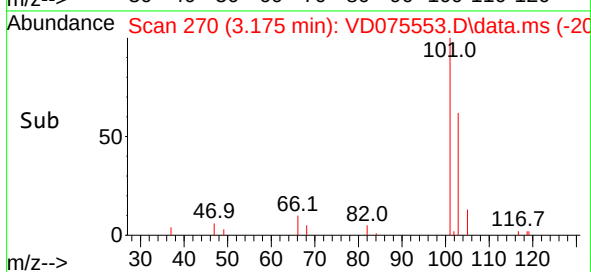
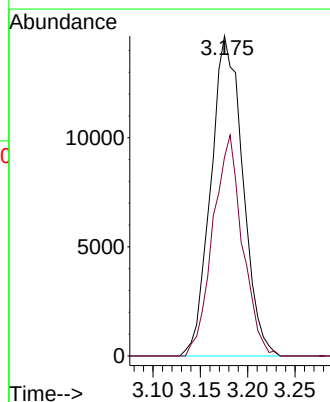
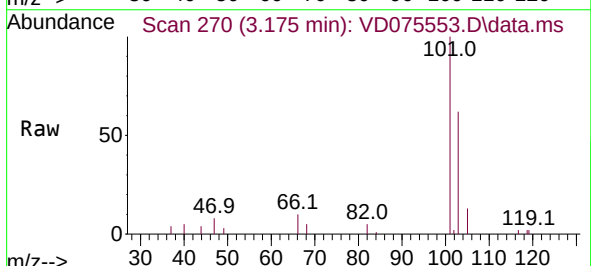
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ClientSampleId :

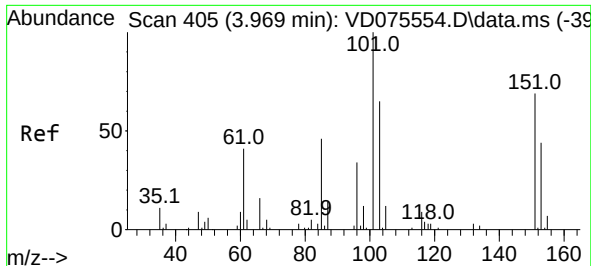
Tgt Ion: 64 Resp: 27901
Ion Ratio Lower Upper
64 100
66 32.3 22.0 41.0



#9
Trichlorofluoromethane
Concen: 6.084 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

Tgt Ion:101 Resp: 34398
Ion Ratio Lower Upper
101 100
103 64.1 51.5 77.3

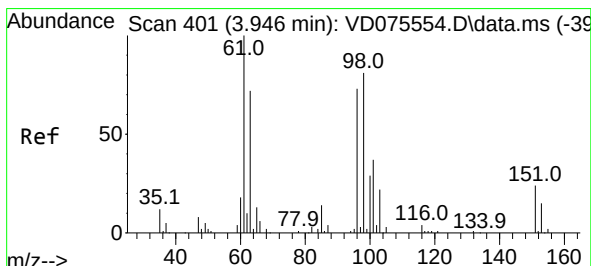
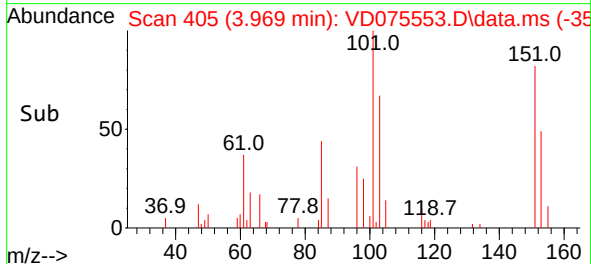
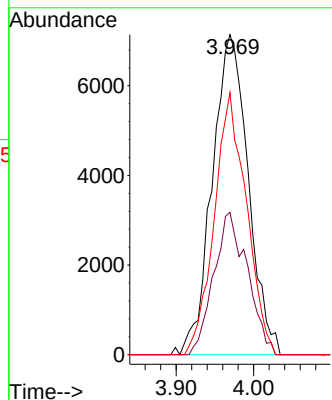
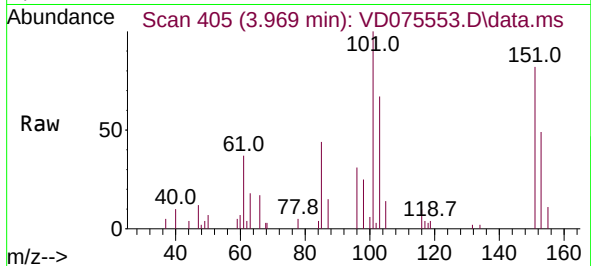




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.861 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD075553.D
 Acq: 31 Mar 2023 11:44

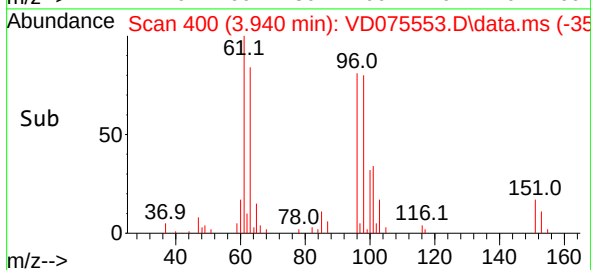
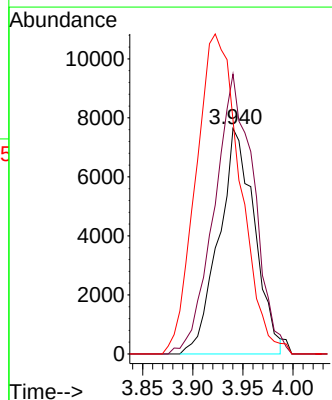
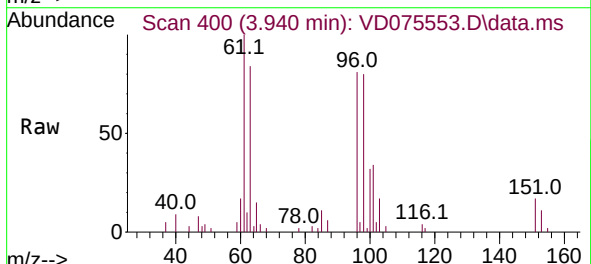
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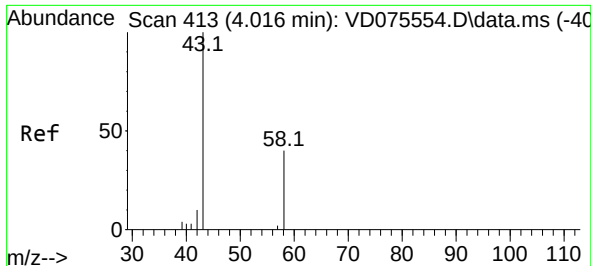
Tgt Ion:	101	Resp:	23018
Ion	Ratio	Lower	Upper
101	100		
85	41.7	33.4	50.0
151	73.3	55.8	83.8



#12
 1,1-Dichloroethene
 Concen: 5.833 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.006 min
 Lab File: VD075553.D
 Acq: 31 Mar 2023 11:44

Tgt Ion:	96	Resp:	18925
Ion	Ratio	Lower	Upper
96	100		
61	124.2	96.7	179.7
63	103.8	76.0	141.2





#13

Acetone

Concen: 11.893 ug/L

RT: 4.028 min Scan# 413

Delta R.T. 0.012 min

Lab File: VD075553.D

Acq: 31 Mar 2023 11:44

Instrument :

MSVOA_D

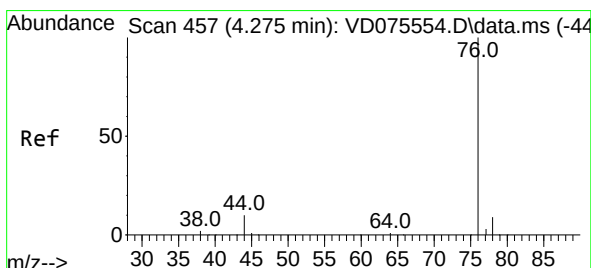
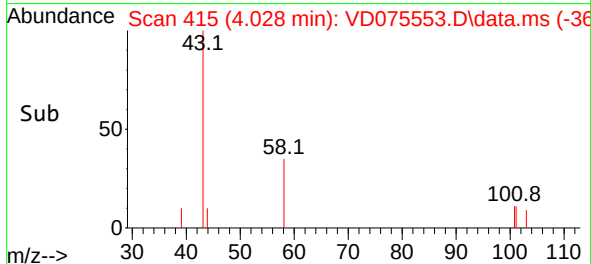
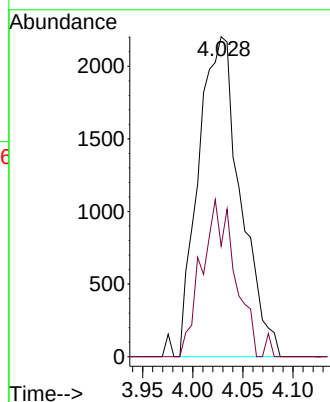
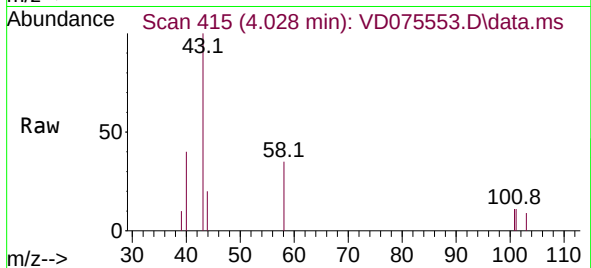
ClientSampleId :

Tgt Ion: 43 Resp: 6434

Ion Ratio Lower Upper

43 100

58 38.6 0.0 77.4



#14

Carbon disulfide

Concen: 6.523 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD075553.D

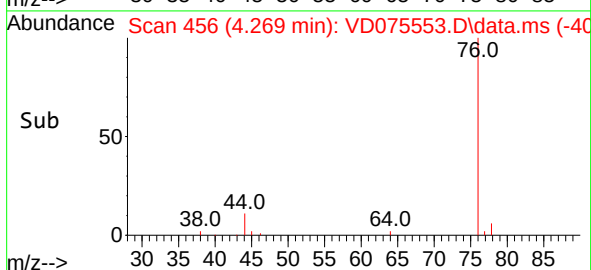
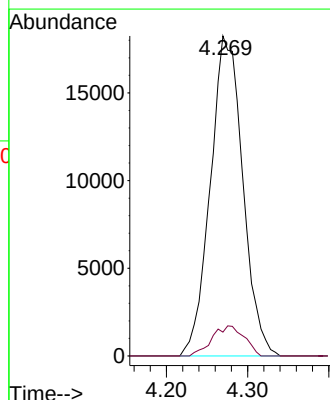
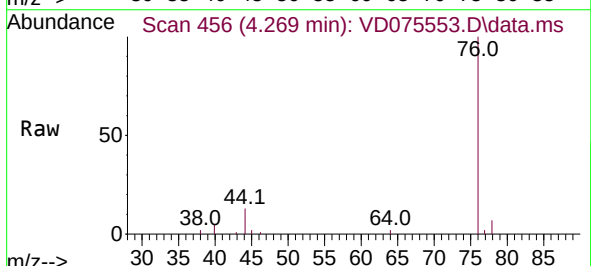
Acq: 31 Mar 2023 11:44

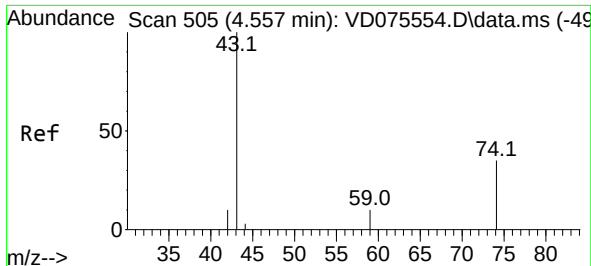
Tgt Ion: 76 Resp: 50635

Ion Ratio Lower Upper

76 100

78 7.5 7.4 11.0

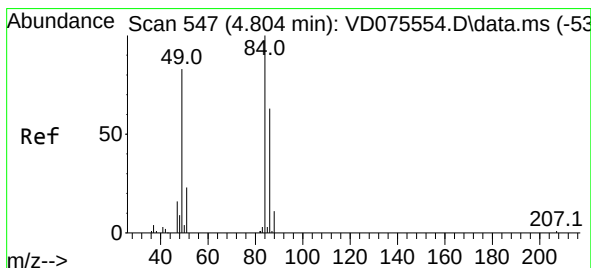
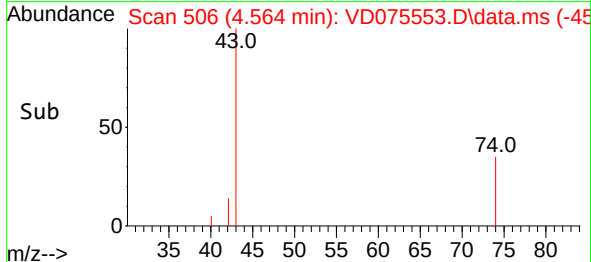
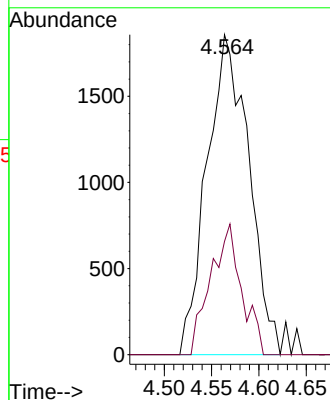
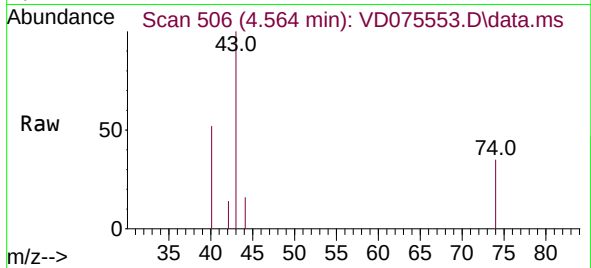




#15
Methyl Acetate
Concen: 6.296 ug/L
RT: 4.564 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

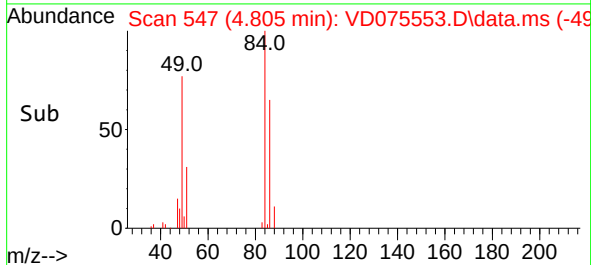
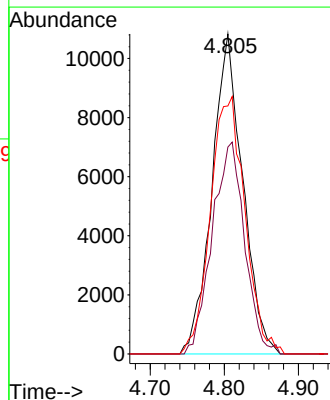
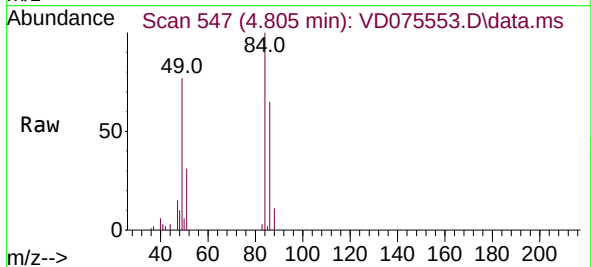
Instrument :
MSVOA_D
ClientSampleId :

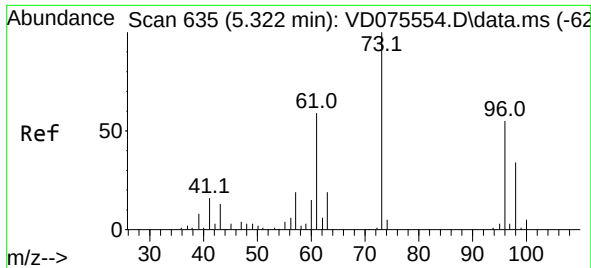
Tgt Ion: 43 Resp: 5708
Ion Ratio Lower Upper
43 100
74 27.4 29.0 43.4#



#16
Methylene chloride
Concen: 6.673 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

Tgt Ion: 84 Resp: 31205
Ion Ratio Lower Upper
84 100
86 64.6 44.4 82.4
49 77.5 58.5 108.7





#17

trans-1,2-Dichloroethene

Concen: 5.793 ug/L

RT: 5.311 min Scan# 61

Delta R.T. -0.011 min

Lab File: VD075553.D

Acq: 31 Mar 2023 11:44

Instrument :

MSVOA_D

ClientSampleId :

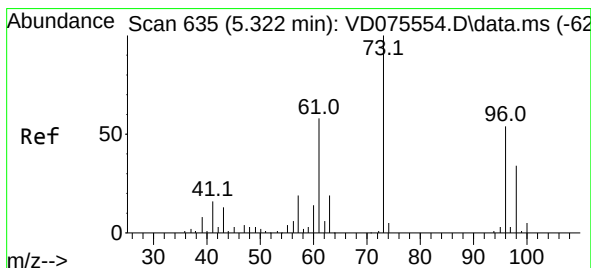
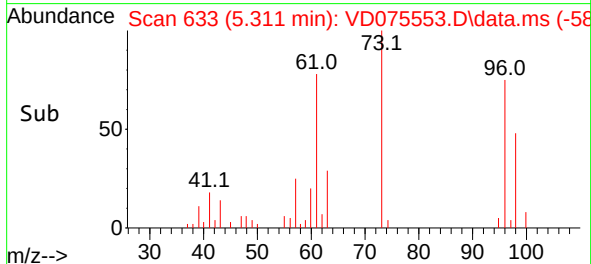
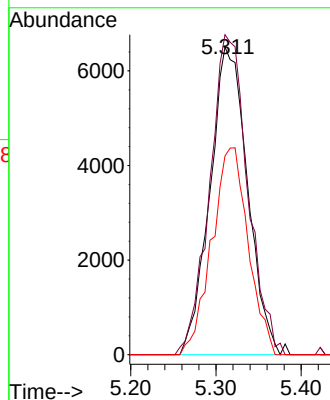
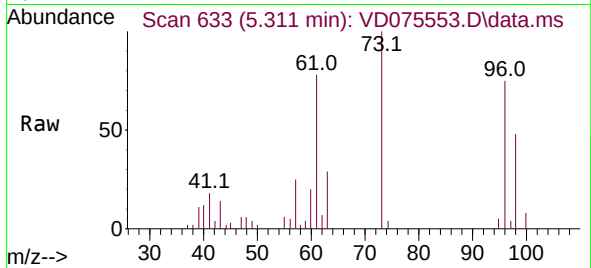
Tgt Ion: 96 Resp: 19953

Ion Ratio Lower Upper

96 100

61 104.0 75.4 140.0

98 64.6 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 5.266 ug/L

RT: 5.322 min Scan# 635

Delta R.T. 0.000 min

Lab File: VD075553.D

Acq: 31 Mar 2023 11:44

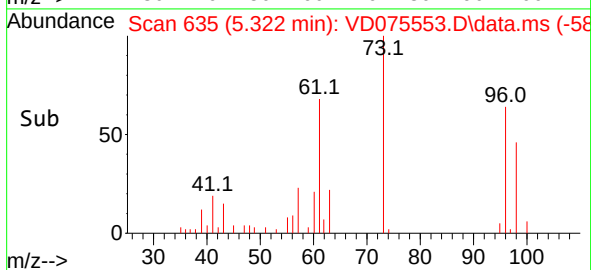
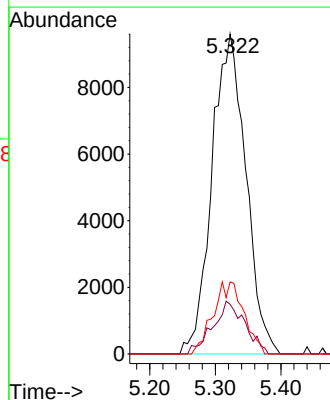
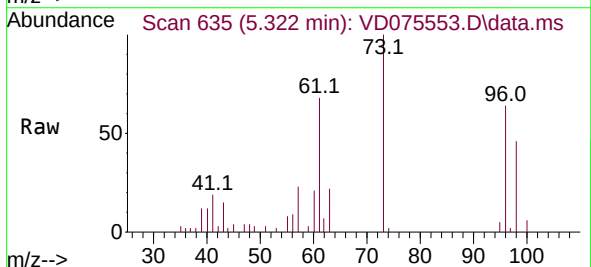
Tgt Ion: 73 Resp: 34492

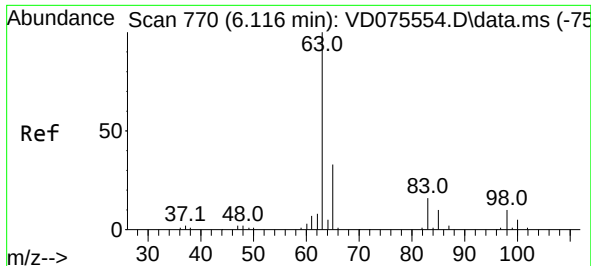
Ion Ratio Lower Upper

73 100

43 9.0 11.4 17.0#

57 10.7 15.8 23.6#





#19

1,1-Dichloroethane

Concen: 5.831 ug/L

RT: 6.111 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD075553.D

Acq: 31 Mar 2023 11:44

Instrument :

MSVOA_D

ClientSampleId :

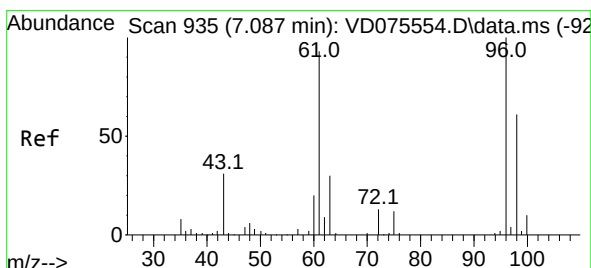
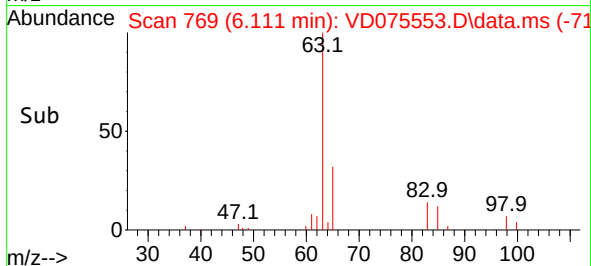
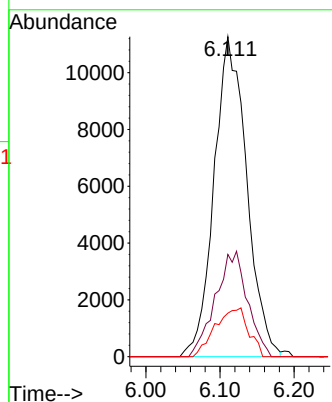
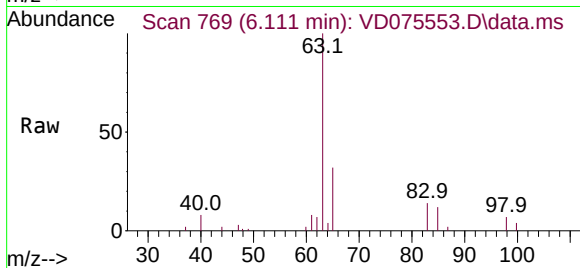
Tgt Ion: 63 Resp: 34431

Ion Ratio Lower Upper

63 100

65 32.0 23.1 42.9

83 13.6 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 5.381 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.006 min

Lab File: VD075553.D

Acq: 31 Mar 2023 11:44

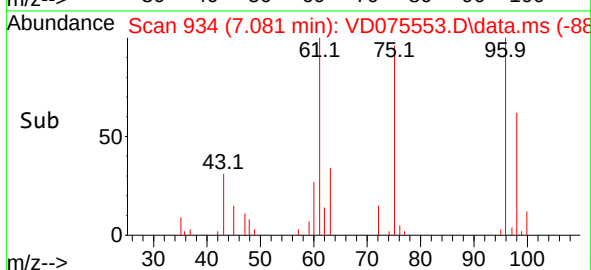
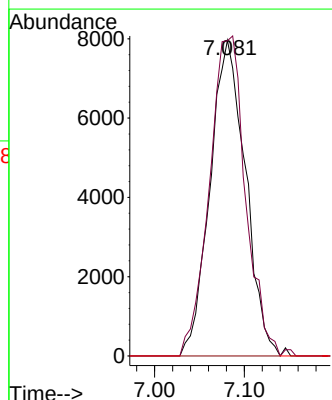
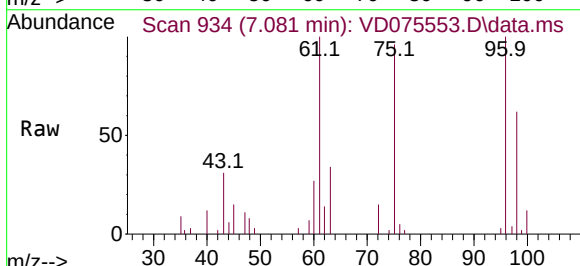
Tgt Ion: 96 Resp: 21763

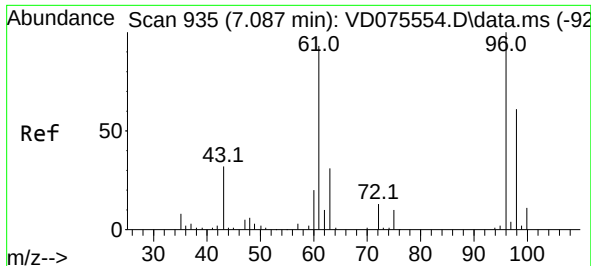
Ion Ratio Lower Upper

96 100

61 99.8 64.8 120.4

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 9.869 ug/L

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD075553.D

Acq: 31 Mar 2023 11:44

Instrument :

MSVOA_D

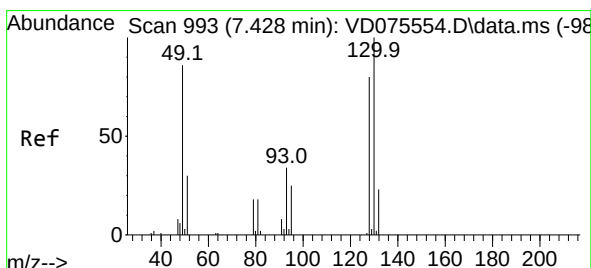
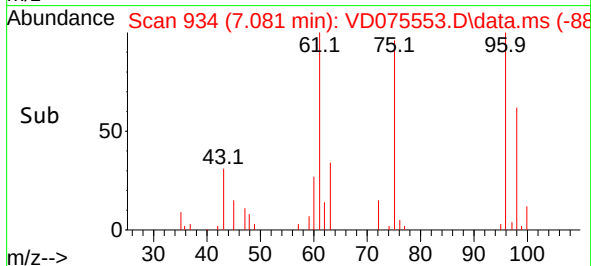
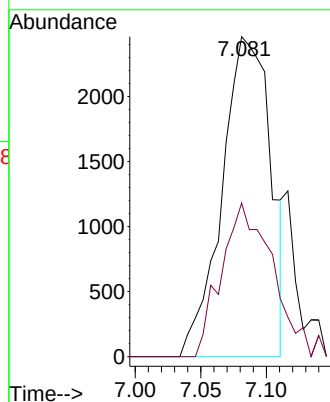
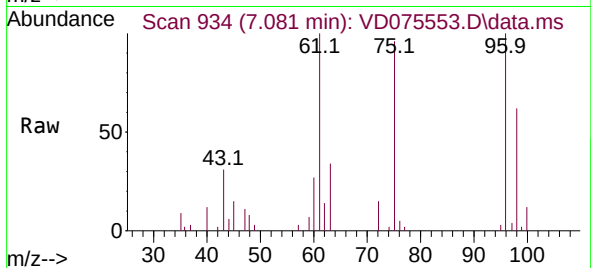
ClientSampleId :

Tgt Ion: 43 Resp: 6360

Ion Ratio Lower Upper

43 100

72 49.8 21.3 63.9



#23

Bromochloromethane

Concen: 5.641 ug/L

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD075553.D

Acq: 31 Mar 2023 11:44

Tgt Ion:128 Resp: 10758

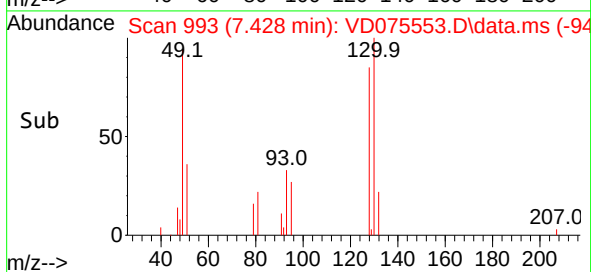
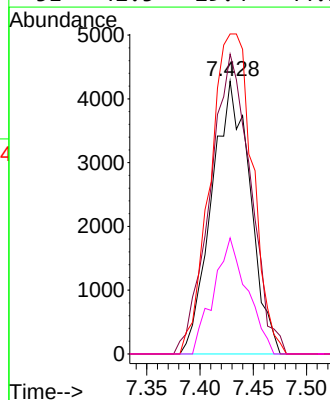
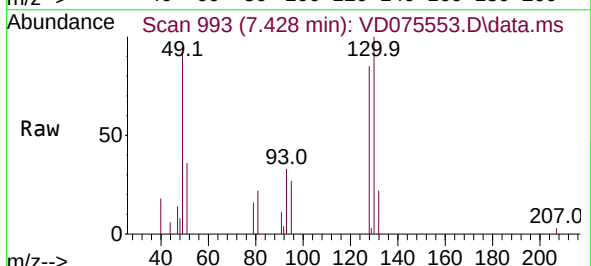
Ion Ratio Lower Upper

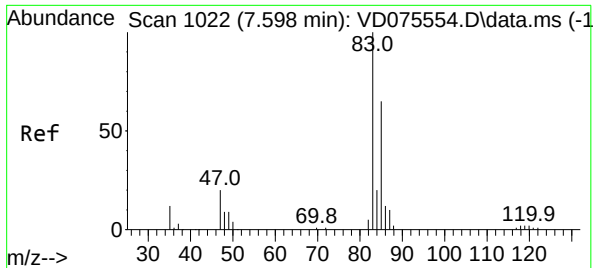
128 100

49 109.9 75.0 139.4

130 117.3 87.4 162.2

51 42.5 29.4 44.2





#25

Chloroform

Concen: 5.546 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.005 min

Lab File: VD075553.D

Acq: 31 Mar 2023 11:44

Instrument :

MSVOA_D

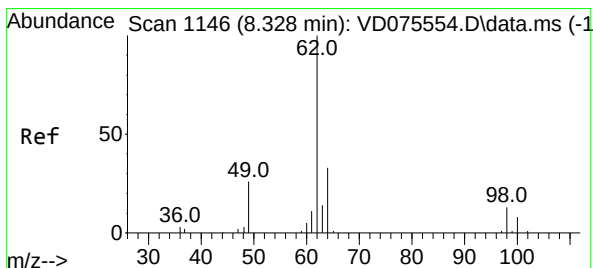
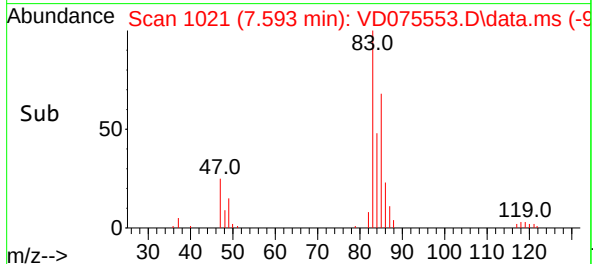
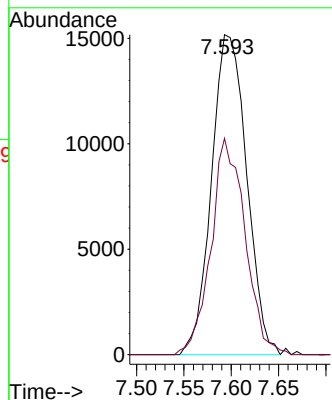
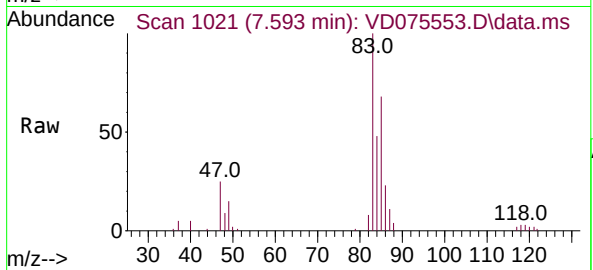
ClientSampleId :

Tgt Ion: 83 Resp: 39227

Ion Ratio Lower Upper

83 100

85 67.6 45.8 85.0



#27

1,2-Dichloroethane

Concen: 5.454 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD075553.D

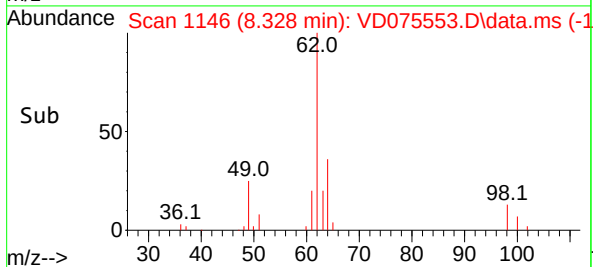
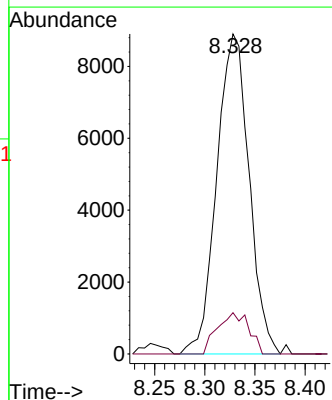
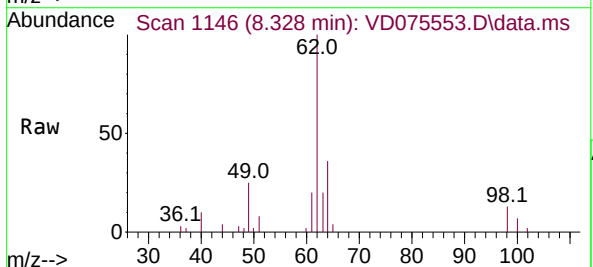
Acq: 31 Mar 2023 11:44

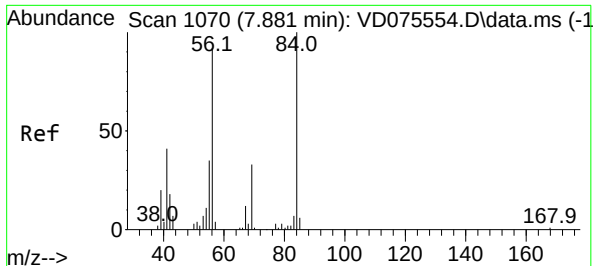
Tgt Ion: 62 Resp: 19939

Ion Ratio Lower Upper

62 100

98 12.9 10.5 15.7





#29

Cyclohexane

Concen: 5.161 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.005 min

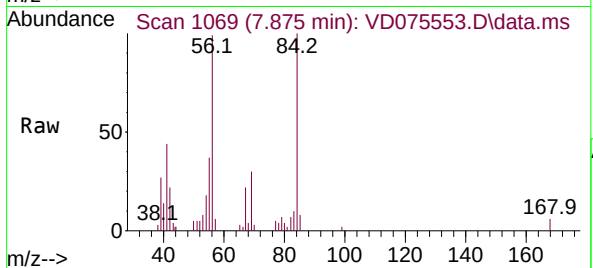
Lab File: VD075553.D

Acq: 31 Mar 2023 11:44

Instrument :

MSVOA_D

ClientSampleId :



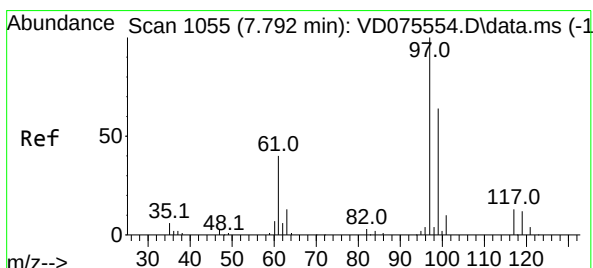
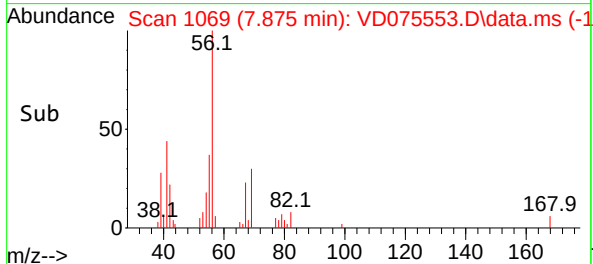
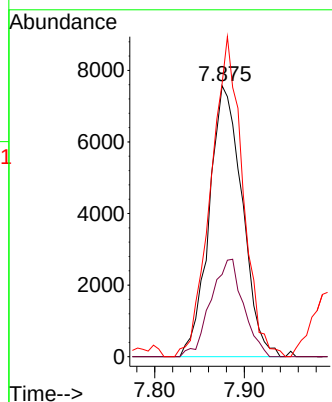
Tgt Ion: 56 Resp: 19363

Ion Ratio Lower Upper

56 100

69 34.5 28.3 42.5

84 113.5 91.1 136.7



#30

1,1,1-Trichloroethane

Concen: 5.520 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075553.D

Acq: 31 Mar 2023 11:44

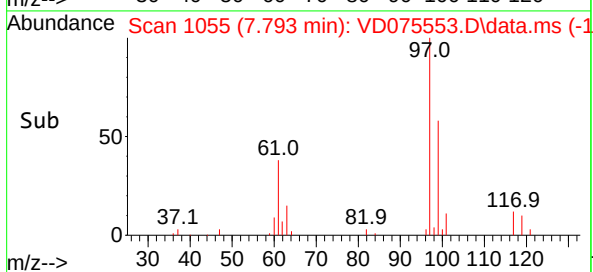
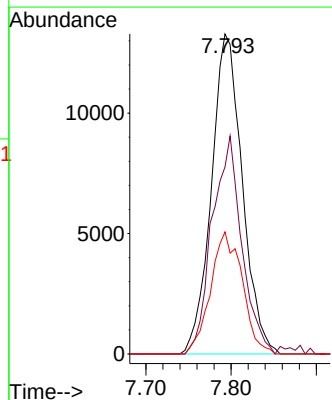
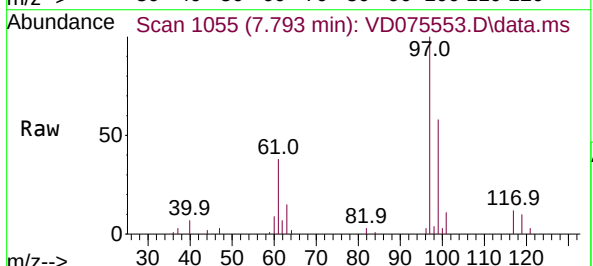
Tgt Ion: 97 Resp: 33432

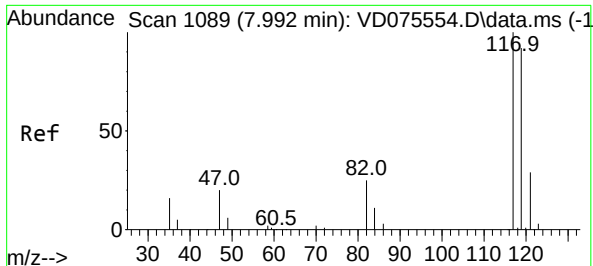
Ion Ratio Lower Upper

97 100

99 65.1 51.4 77.2

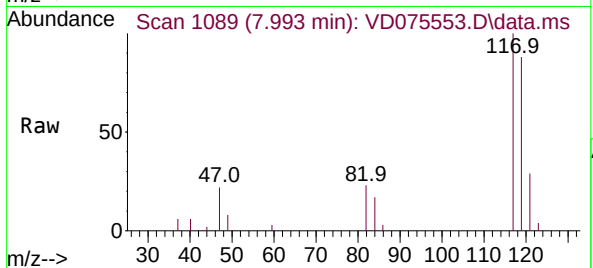
61 39.2 32.2 48.2



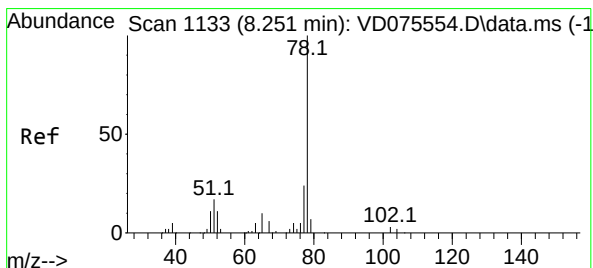
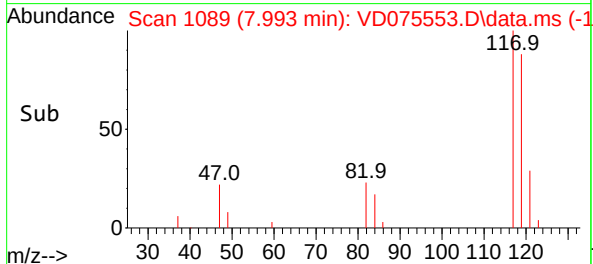
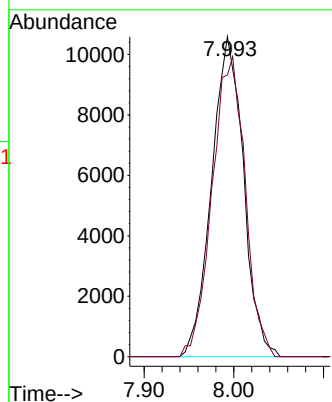


#31
Carbon tetrachloride
Concen: 5.344 ug/L
RT: 7.993 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

Instrument :
MSVOA_D
ClientSampleId :

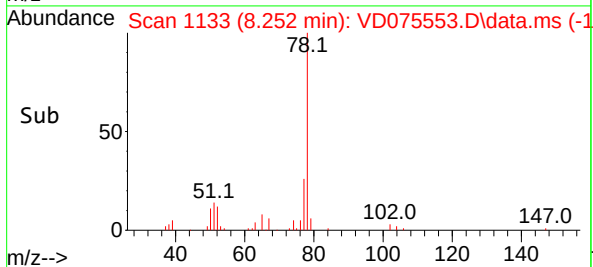
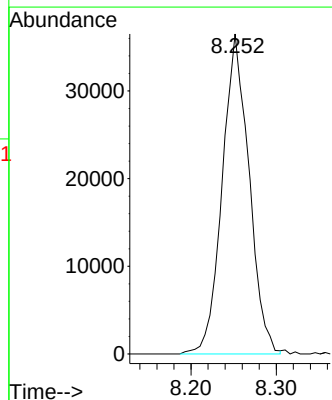
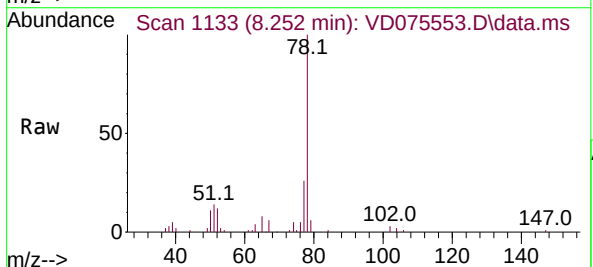


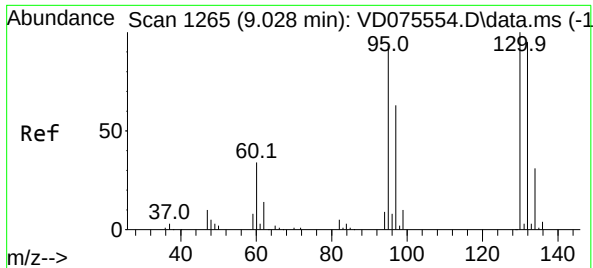
Tgt Ion:117 Resp: 26125
Ion Ratio Lower Upper
117 100
119 96.7 76.4 114.6



#33
Benzene
Concen: 5.039 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

Tgt Ion: 78 Resp: 79720



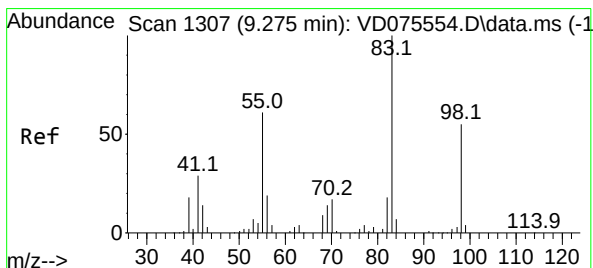
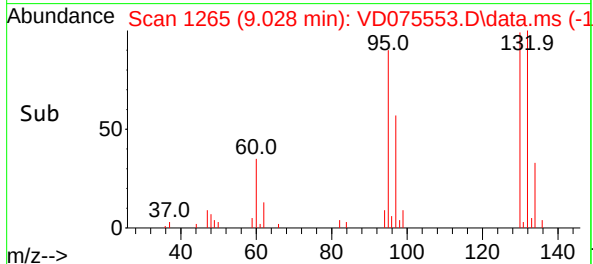
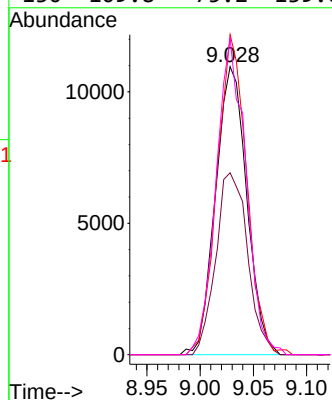
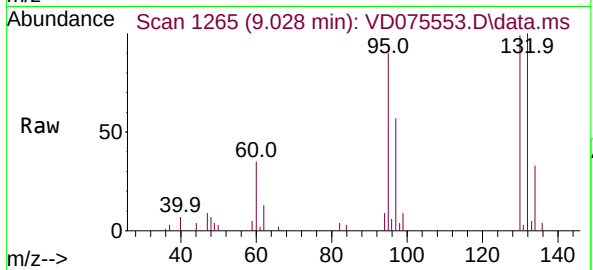


#34
Trichloroethene
Concen: 5.042 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 22347

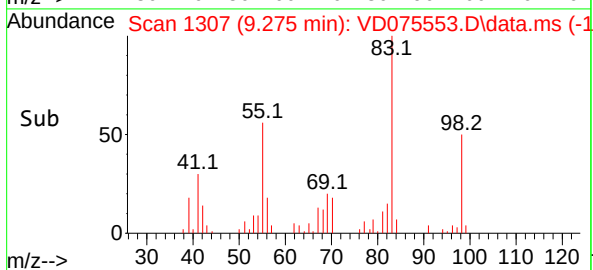
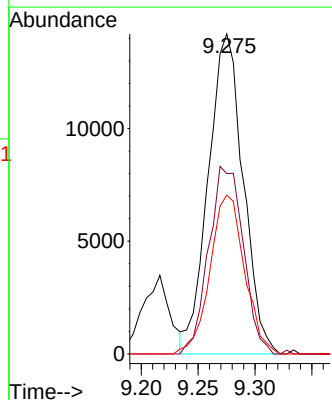
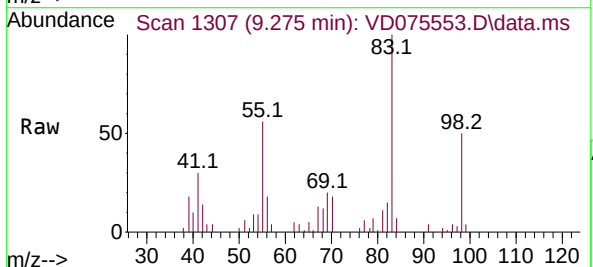
Ion	Ratio	Lower	Upper
95	100		
97	63.1	47.0	87.2
132	111.1	71.2	132.2
130	109.8	75.2	139.6

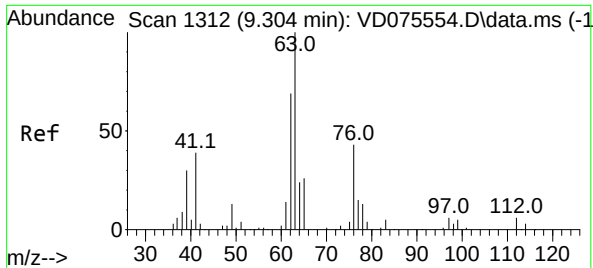


#35
Methylcyclohexane
Concen: 5.237 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

Tgt Ion: 83 Resp: 30362

Ion	Ratio	Lower	Upper
83	100		
55	58.1	46.9	70.3
98	49.0	40.8	61.2

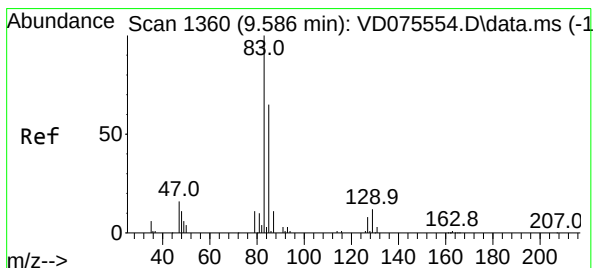
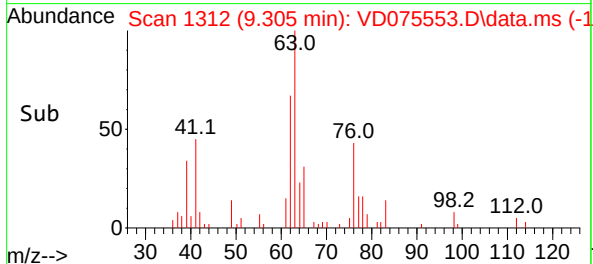
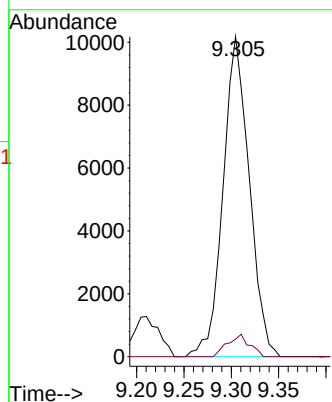
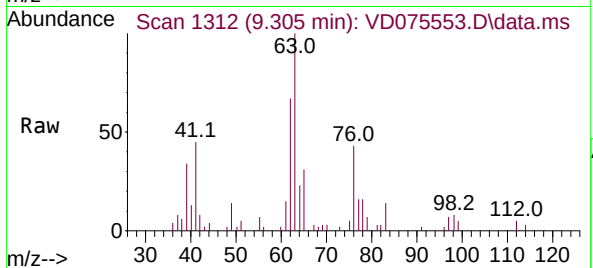




#37
1,2-Dichloropropane
Concen: 5.266 ug/L
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

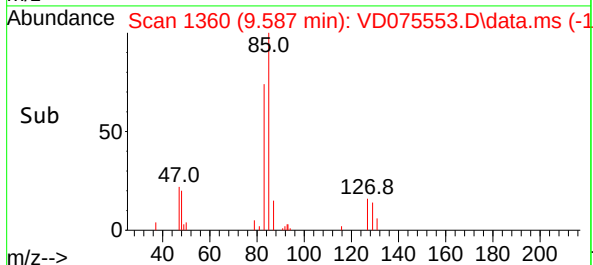
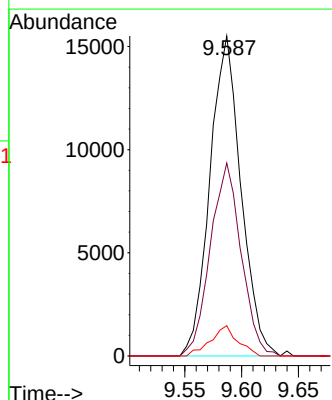
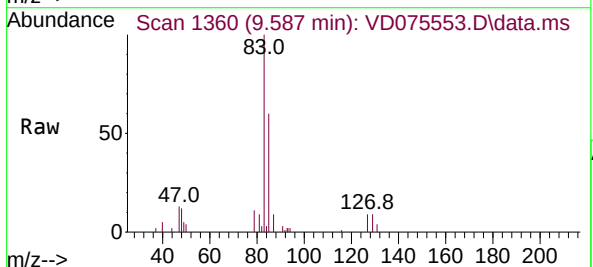
Instrument :
MSVOA_D
ClientSampleId :

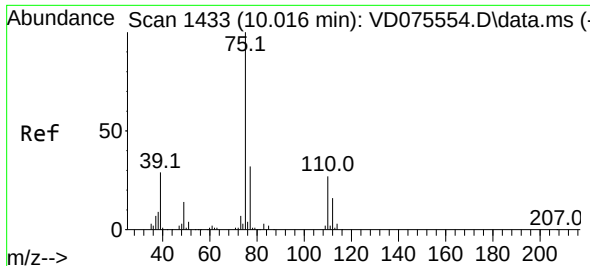
Tgt Ion: 63 Resp: 19599
Ion Ratio Lower Upper
63 100
112 5.8 4.7 7.1



#38
Bromodichloromethane
Concen: 5.567 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

Tgt Ion: 83 Resp: 29512
Ion Ratio Lower Upper
83 100
85 60.3 45.1 83.9
127 9.5 6.8 10.2

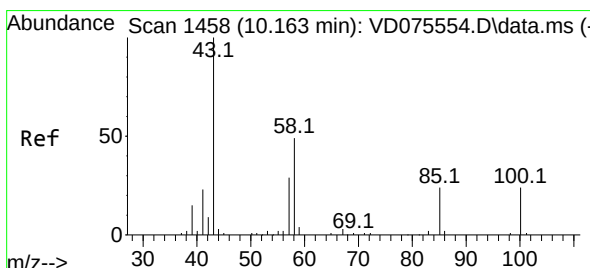
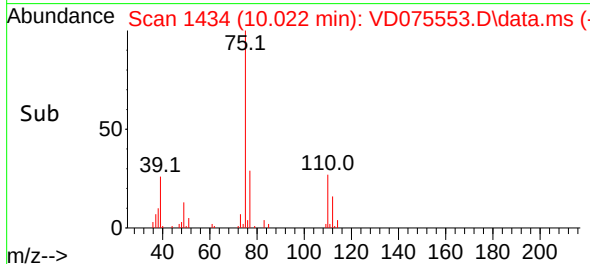
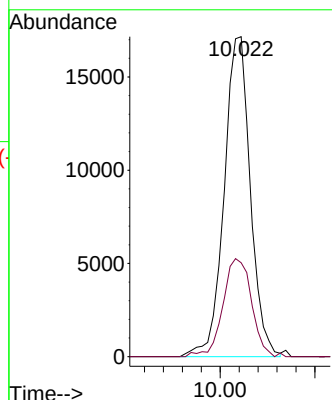
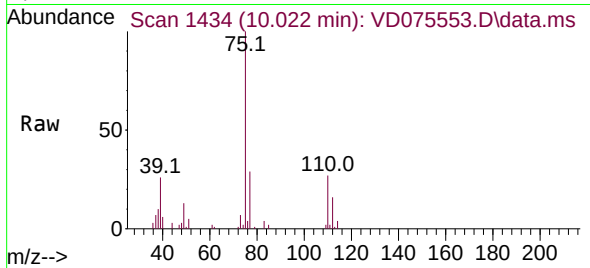




#39
cis-1,3-Dichloropropene
Concen: 5.587 ug/L
RT: 10.022 min Scan# 1433
Delta R.T. 0.006 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

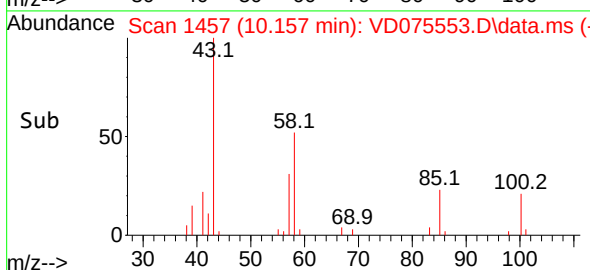
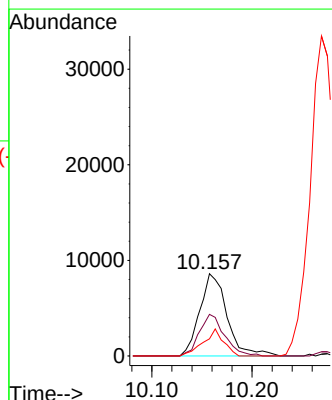
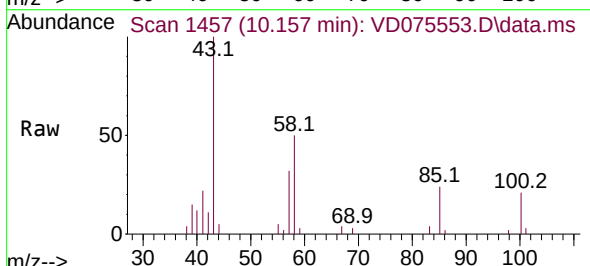
Instrument :
MSVOA_D
ClientSampleId :

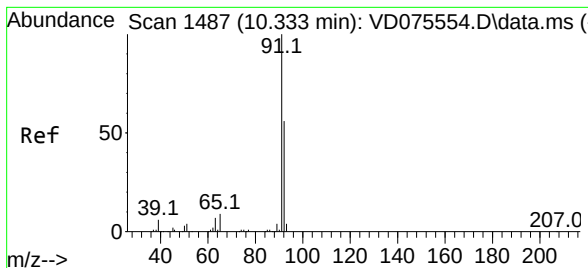
Tgt Ion: 75 Resp: 32969
Ion Ratio Lower Upper
75 100
77 29.3 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 11.651 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.005 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

Tgt Ion: 43 Resp: 16253
Ion Ratio Lower Upper
43 100
58 46.6 39.4 59.0
100 24.3 20.3 30.5





#42

Toluene

Concen: 6.006 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075553.D

Acq: 31 Mar 2023 11:44

Instrument :

MSVOA_D

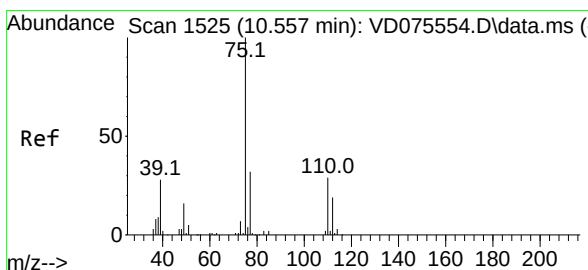
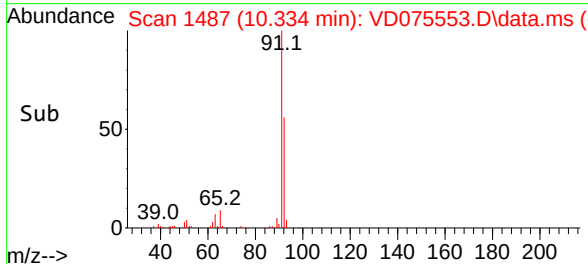
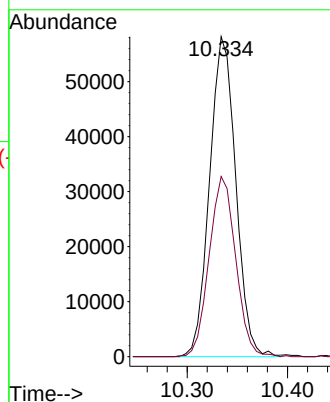
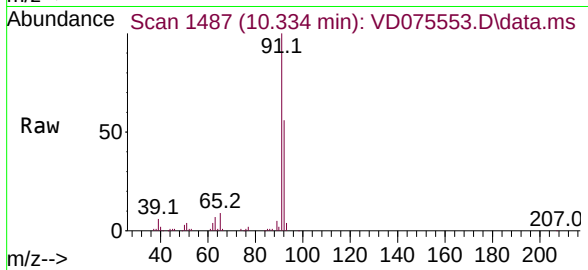
ClientSampleId :

Tgt Ion: 91 Resp: 105565

Ion Ratio Lower Upper

91 100

92 56.3 39.1 72.7



#44

trans-1,3-Dichloropropene

Concen: 5.979 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD075553.D

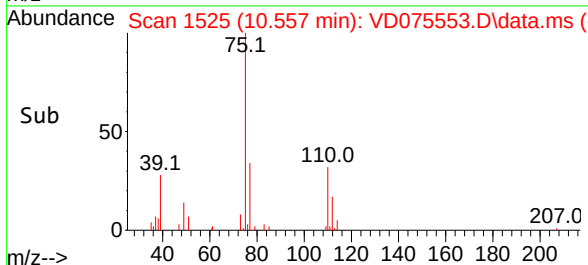
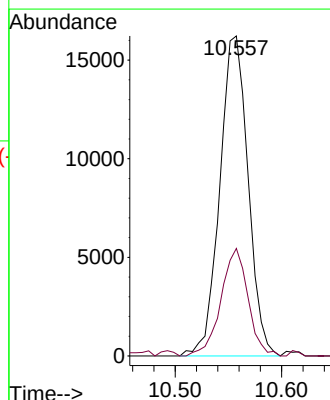
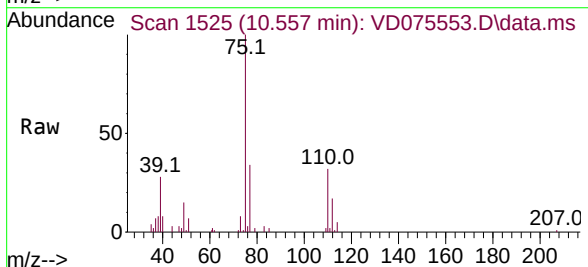
Acq: 31 Mar 2023 11:44

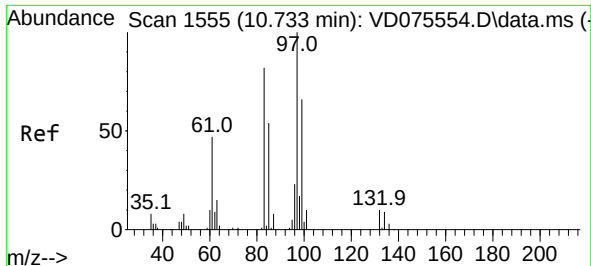
Tgt Ion: 75 Resp: 29997

Ion Ratio Lower Upper

75 100

77 33.6 22.1 41.1

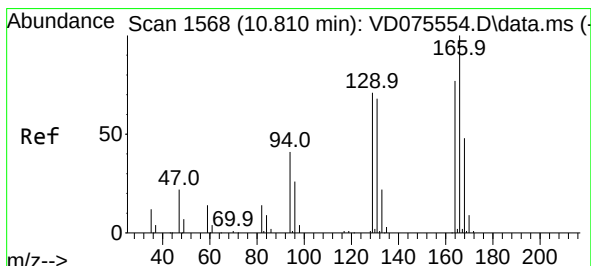
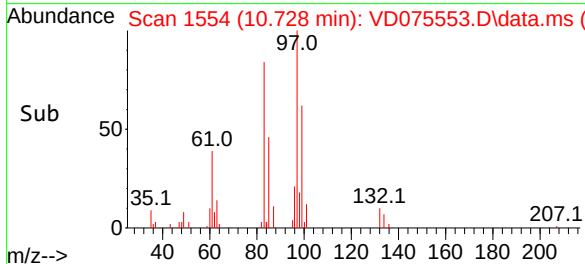
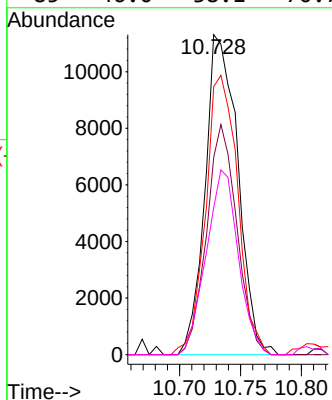
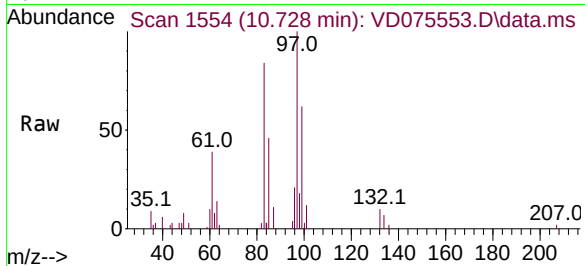




#45
1,1,2-Trichloroethane
Concen: 6.193 ug/L
RT: 10.728 min Scan# 1554
Delta R.T. -0.005 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

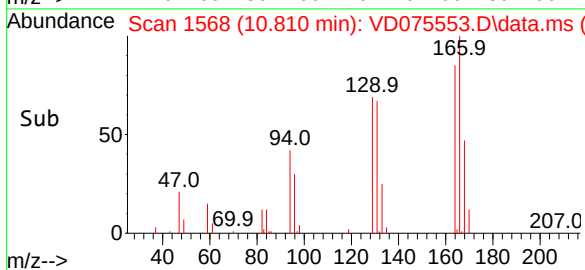
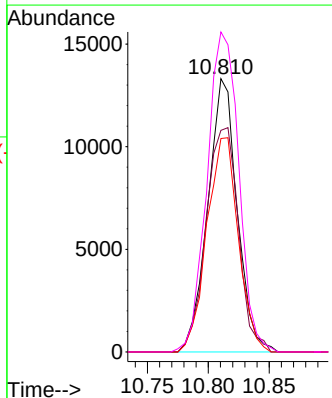
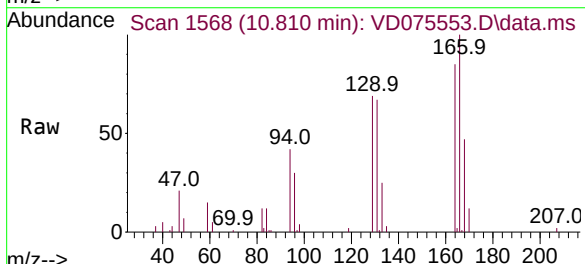
Instrument :
MSVOA_D
ClientSampleId :

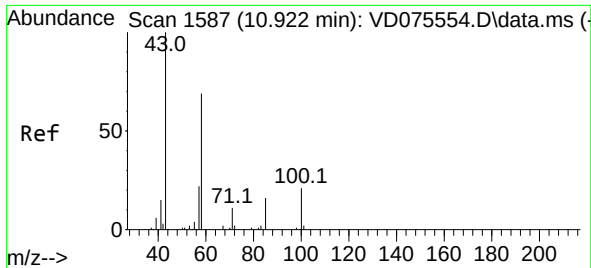
Tgt Ion: 97	Resp: 21152
Ion Ratio	Lower Upper
97 100	
99 61.7	46.4 86.2
83 83.7	57.1 106.1
85 46.0	38.1 70.7



#46
Tetrachloroethene
Concen: 6.436 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

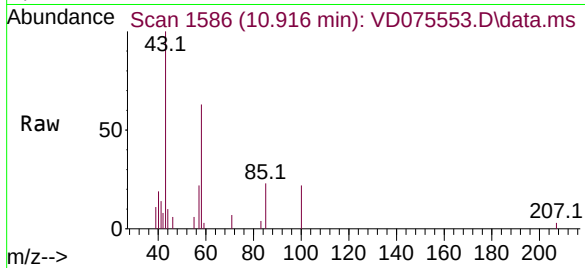
Tgt	Ion:164	Resp:	22340
Ion	Ratio	Lower	Upper
164	100		
129	81.1	64.8	120.3
131	78.1	61.7	114.7
166	117.1	90.9	168.9



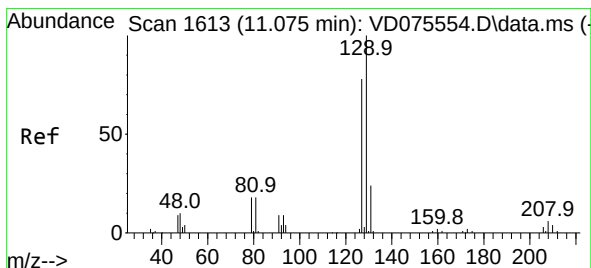
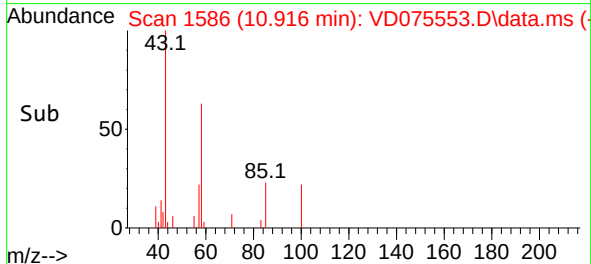
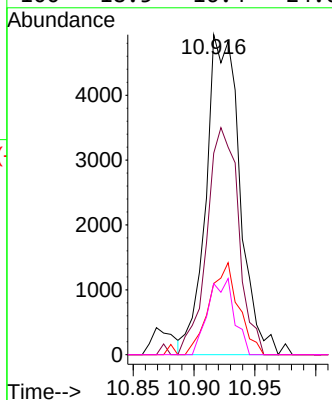


#48
2-Hexanone
Concen: 10.083 ug/L
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

Instrument :
MSVOA_D
ClientSampleId :

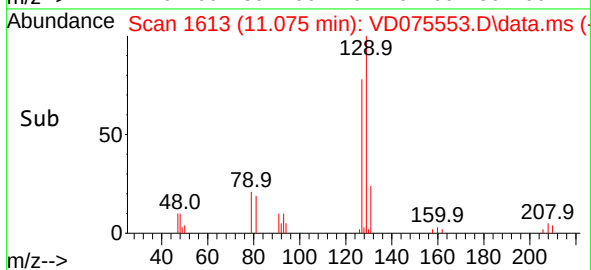
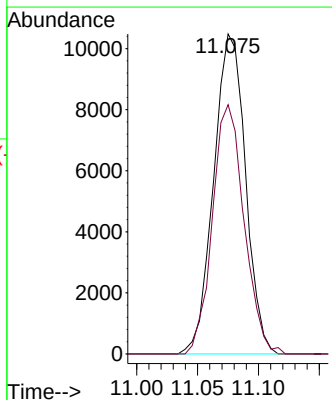
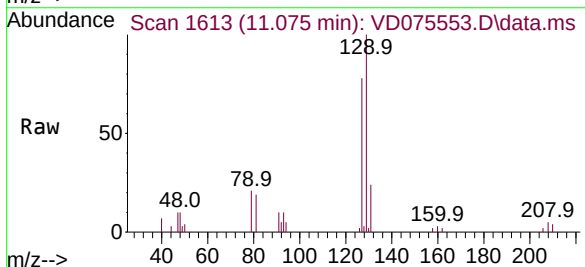


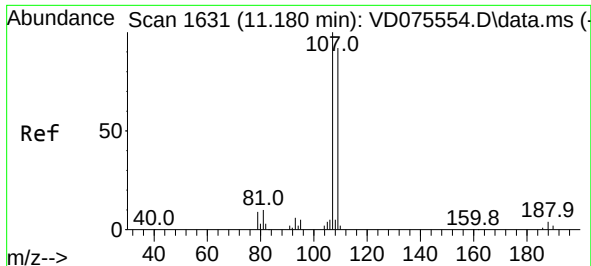
Tgt Ion: 43	Resp: 9480
Ion Ratio	Lower Upper
43 100	
58 66.8	55.8 83.6
57 24.9	18.6 27.8
100 18.5	16.4 24.6



#49
Dibromochloromethane
Concen: 5.158 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

Tgt Ion:129	Resp:	19072	
Ion	Ratio	Lower	Upper
129	100		
127	77.9	54.5	101.1

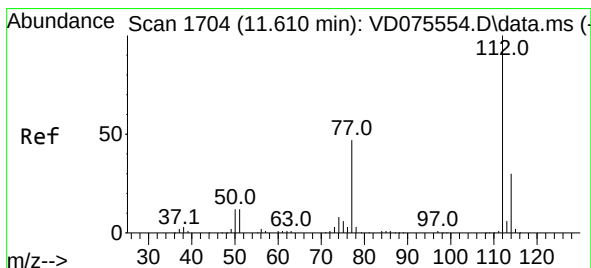
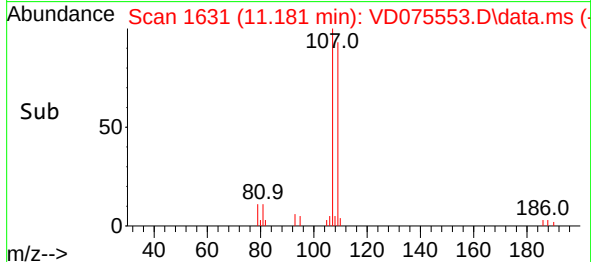
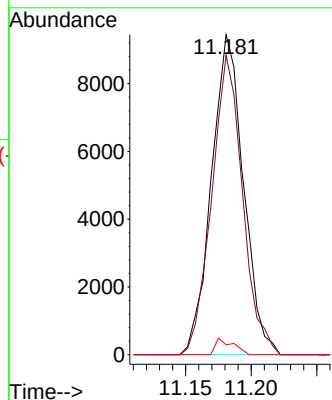
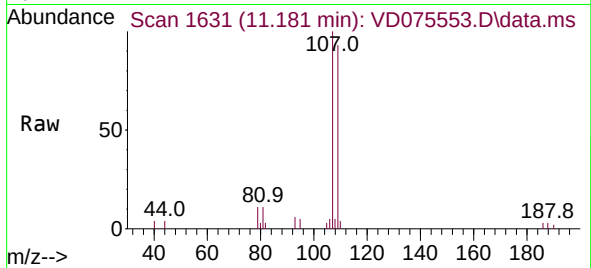




#50
1,2-Dibromoethane
Concen: 5.351 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

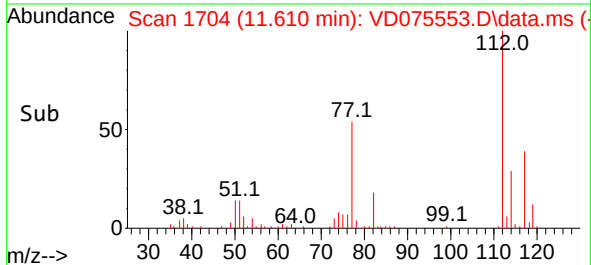
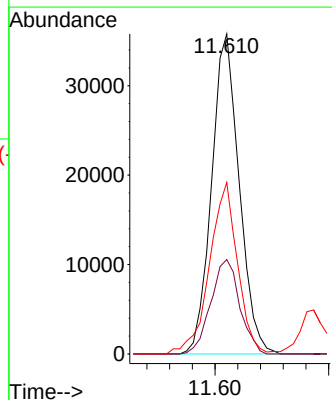
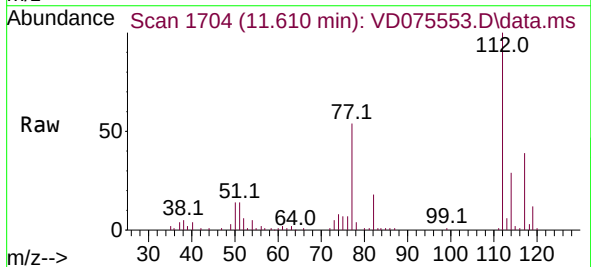
Instrument :
MSVOA_D
ClientSampleId :

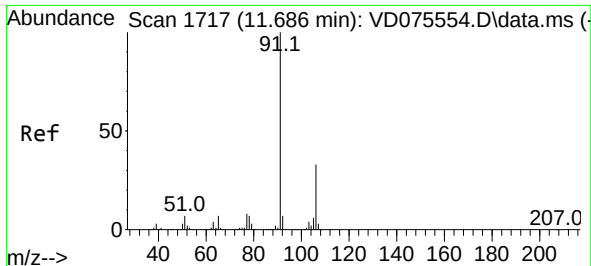
Tgt Ion:107 Resp: 16013
Ion Ratio Lower Upper
107 100
109 93.5 64.8 120.3
188 3.1 3.4 5.0#



#51
Chlorobenzene
Concen: 5.095 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

Tgt Ion:112 Resp: 60308
Ion Ratio Lower Upper
112 100
114 29.5 21.1 39.1
77 53.6 37.8 56.6

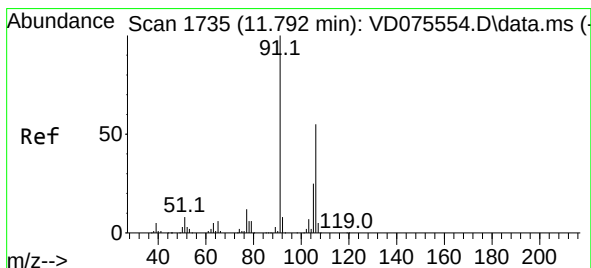
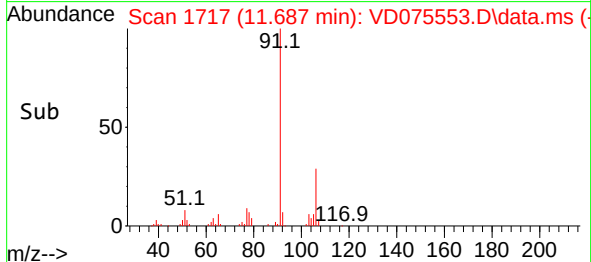
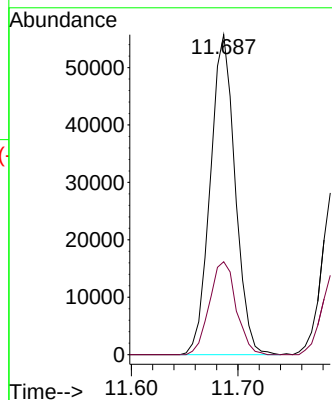
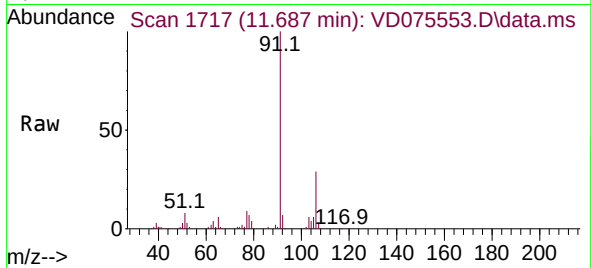




#52
Ethylbenzene
Concen: 4.883 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

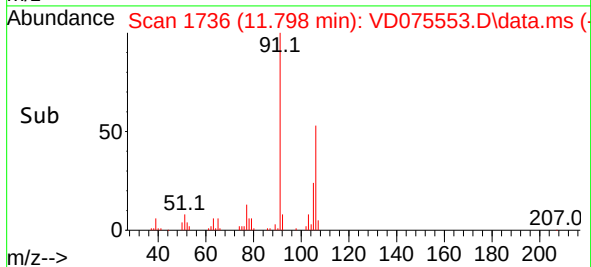
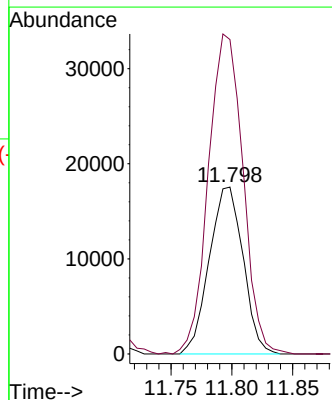
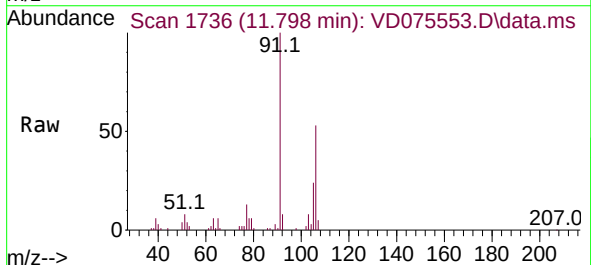
Instrument :
MSVOA_D
ClientSampleId :

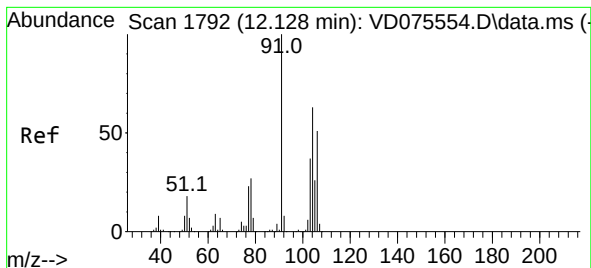
Tgt Ion: 91 Resp: 90249
Ion Ratio Lower Upper
91 100
106 29.1 23.2 43.2



#53
m,p-Xylene
Concen: 4.690 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

Tgt Ion: 106 Resp: 33988
Ion Ratio Lower Upper
106 100
91 188.4 126.7 235.3





#54

o-Xylene

Concen: 4.642 ug/L

RT: 12.122 min Scan# 1792

Delta R.T. -0.005 min

Lab File: VD075553.D

Acq: 31 Mar 2023 11:44

Instrument :

MSVOA_D

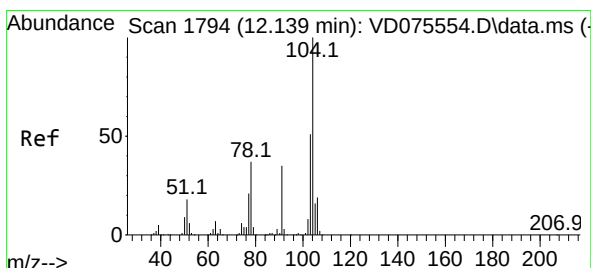
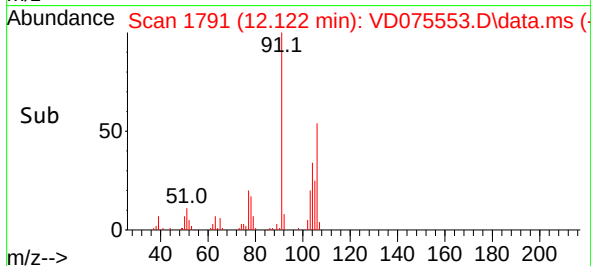
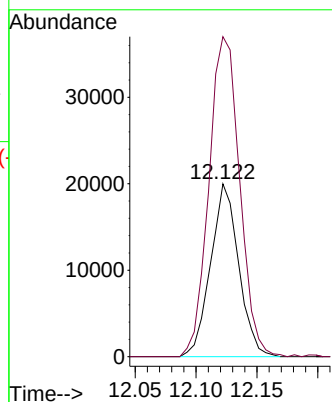
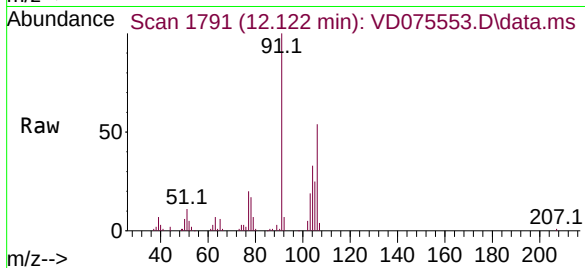
ClientSampleId :

Tgt Ion:106 Resp: 32036

Ion Ratio Lower Upper

106 100

91 185.1 138.3 256.9



#55

Styrene

Concen: 4.589 ug/L

RT: 12.140 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VD075553.D

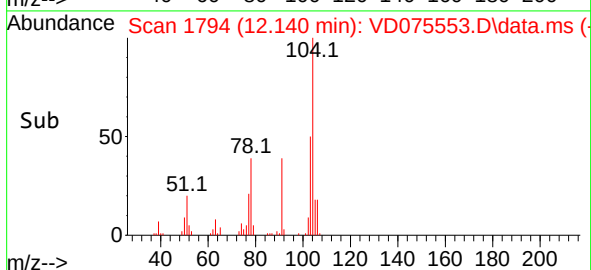
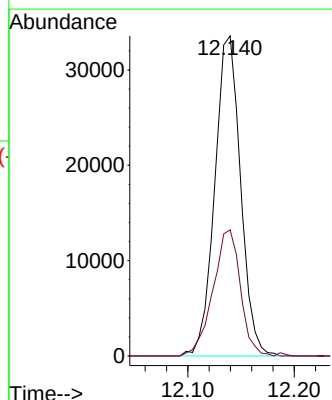
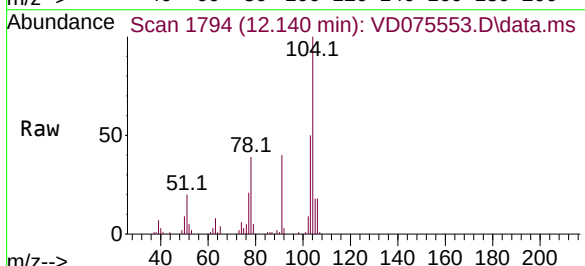
Acq: 31 Mar 2023 11:44

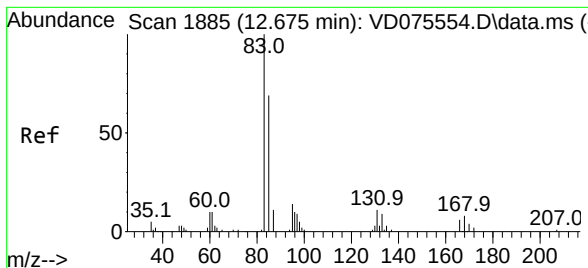
Tgt Ion:104 Resp: 56427

Ion Ratio Lower Upper

104 100

78 39.4 25.8 47.8

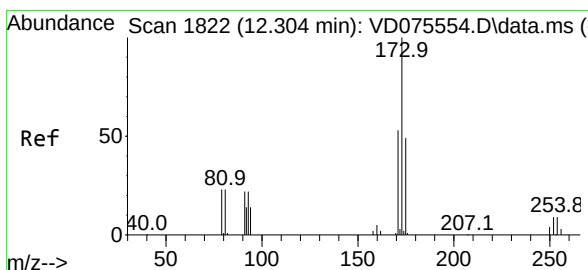
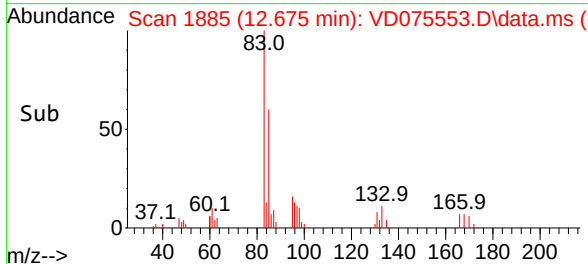
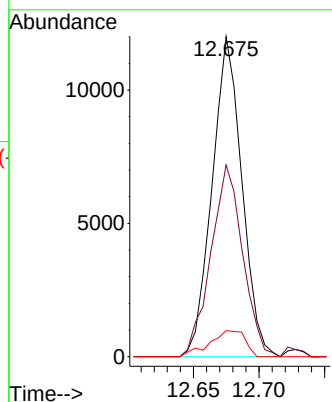
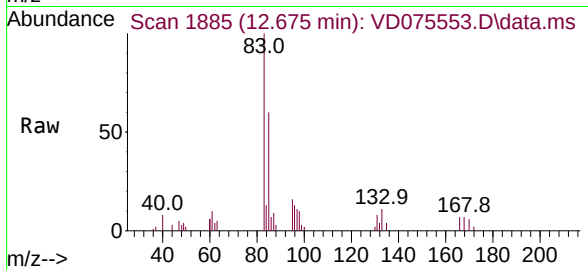




#57
1,1,2,2-Tetrachloroethane
Concen: 5.374 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

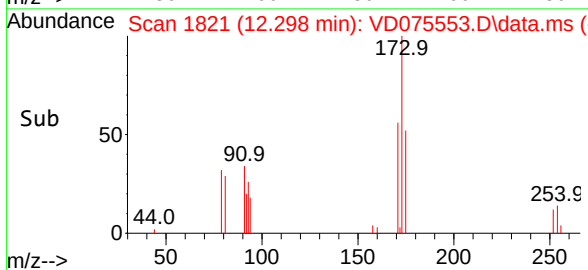
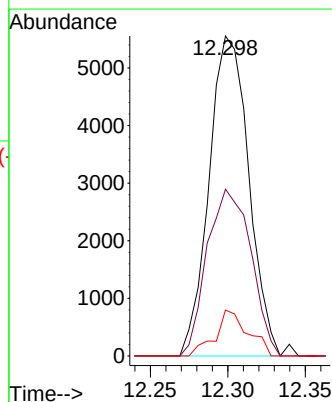
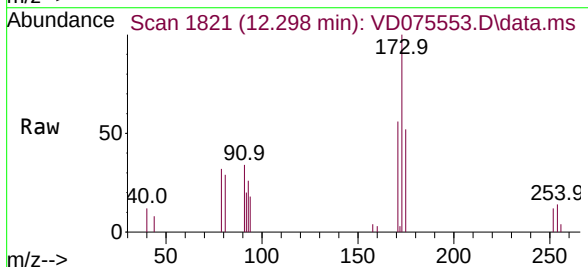
Instrument :
MSVOA_D
ClientSampleId :

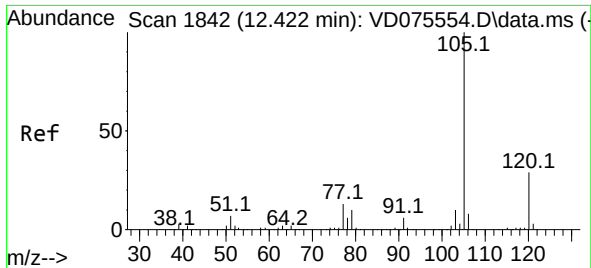
Tgt Ion: 83 Resp: 18941
Ion Ratio Lower Upper
83 100
85 59.9 48.7 90.5
131 8.2 9.3 13.9#



#59
Bromoform
Concen: 4.572 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.005 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

Tgt Ion:173 Resp: 9888
Ion Ratio Lower Upper
173 100
175 57.6 38.7 58.1
254 5.3 7.7 11.5#

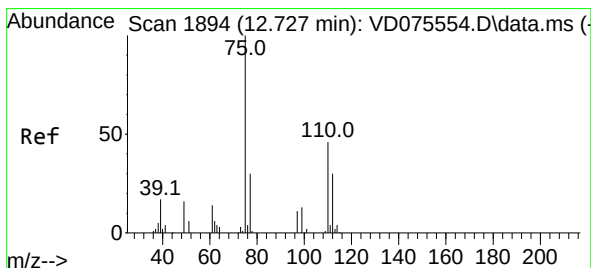
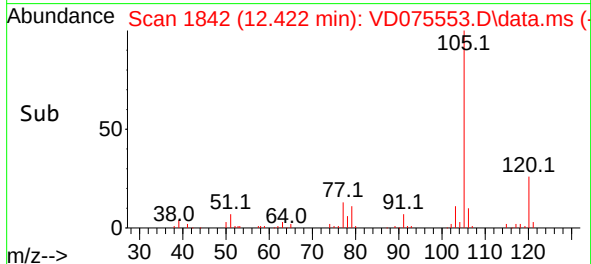
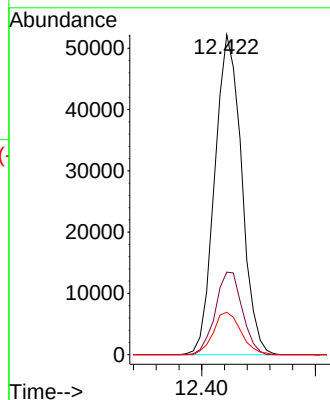
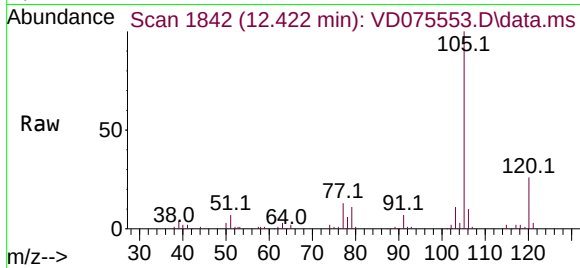




#60
Isopropylbenzene
Concen: 4.636 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

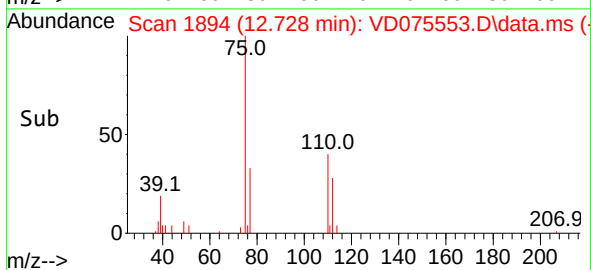
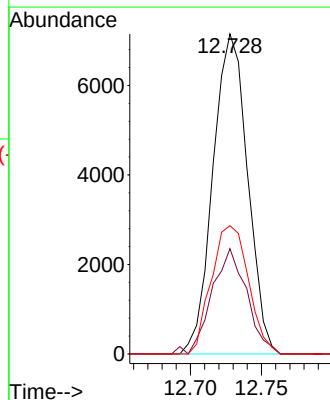
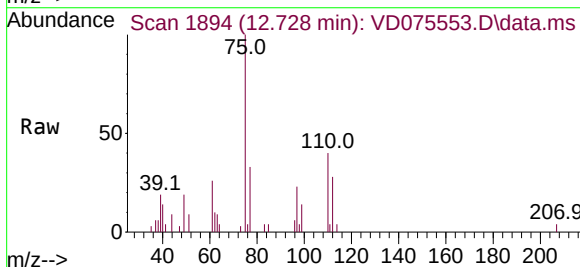
Instrument :
MSVOA_D
ClientSampleId :

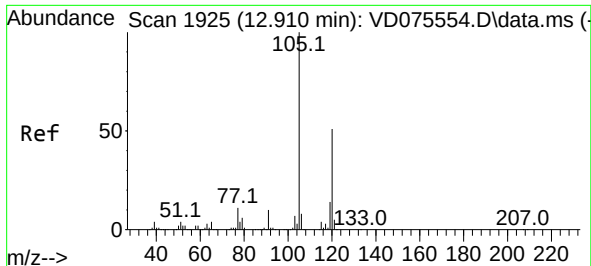
Tgt Ion:105 Resp: 85593
Ion Ratio Lower Upper
105 100
120 25.9 22.5 33.7
77 13.7 10.7 16.1



#61
1,2,3-Trichloropropane
Concen: 5.478 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

Tgt Ion: 75 Resp: 12124
Ion Ratio Lower Upper
75 100
77 32.8 25.7 38.5
110 43.0 35.9 53.9





#62

1,3,5-Trimethylbenzene

Concen: 4.355 ug/L

RT: 12.904 min Scan# 1925

Delta R.T. -0.005 min

Lab File: VD075553.D

Acq: 31 Mar 2023 11:44

Instrument :

MSVOA_D

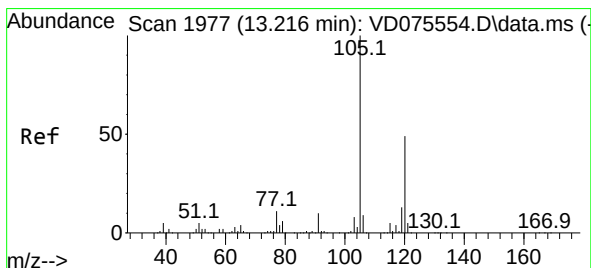
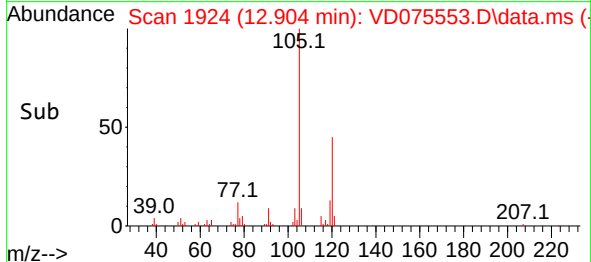
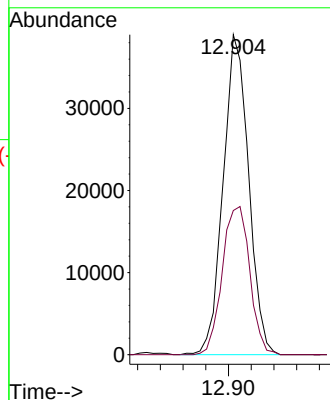
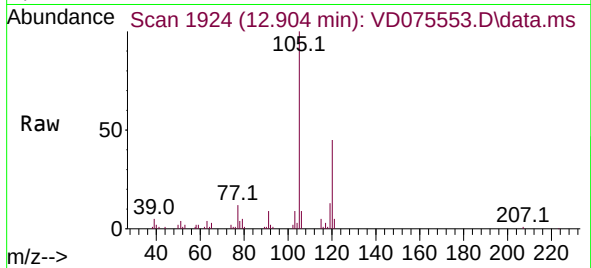
ClientSampleId :

Tgt Ion:105 Resp: 60649

Ion Ratio Lower Upper

105 100

120 50.0 41.1 61.7



#63

1,2,4-Trimethylbenzene

Concen: 4.348 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075553.D

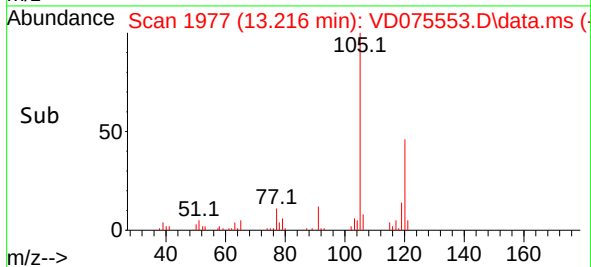
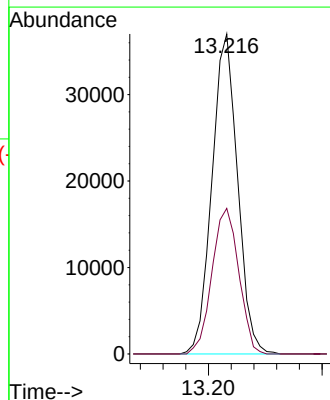
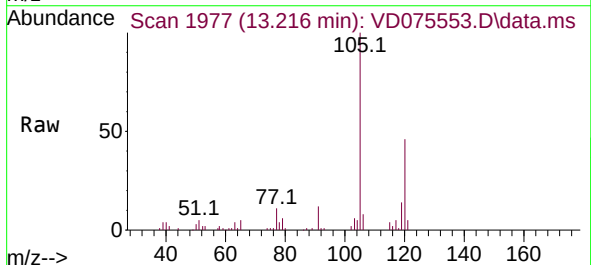
Acq: 31 Mar 2023 11:44

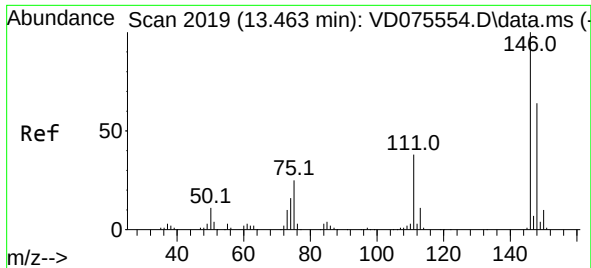
Tgt Ion:105 Resp: 57901

Ion Ratio Lower Upper

105 100

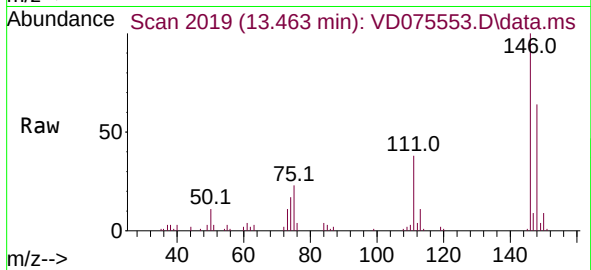
120 47.6 39.0 58.4



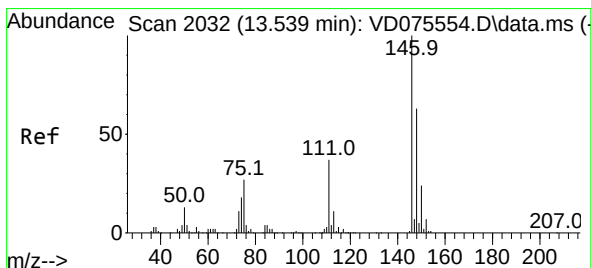
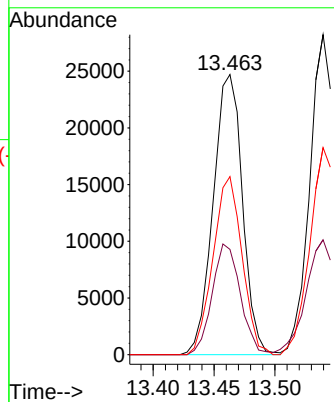
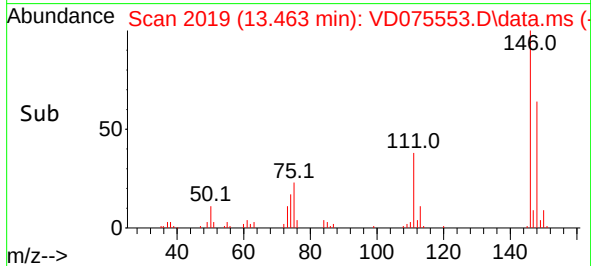


#64
1,3-Dichlorobenzene
Concen: 4.945 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

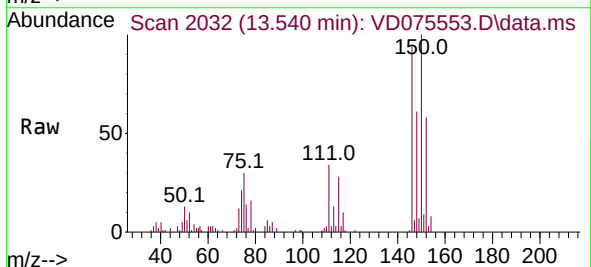
Instrument :
MSVOA_D
ClientSampleId :



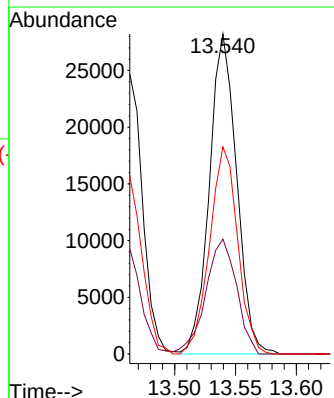
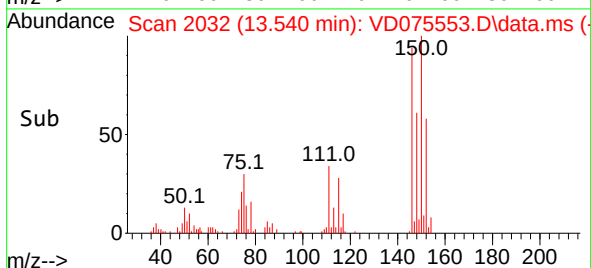
Tgt Ion:146 Resp: 41346
Ion Ratio Lower Upper
146 100
111 37.6 26.2 48.8
148 63.6 44.6 82.8

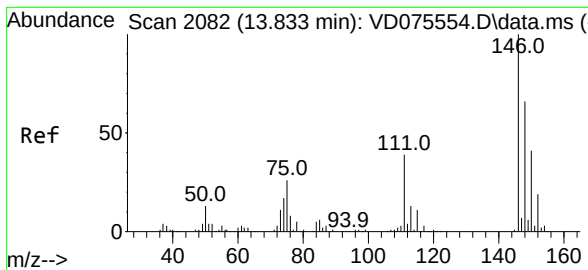


#65
1,4-Dichlorobenzene
Concen: 5.053 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44



Tgt Ion:146 Resp: 44064
Ion Ratio Lower Upper
146 100
111 35.9 26.0 48.4
148 64.7 44.3 82.3

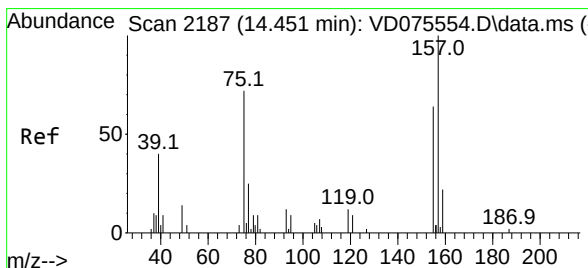
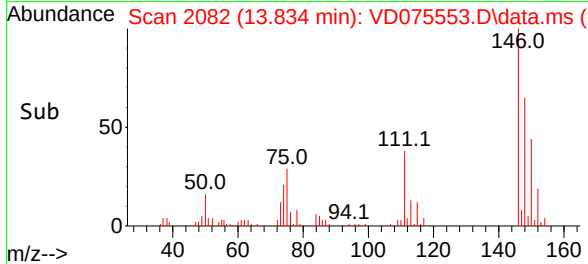
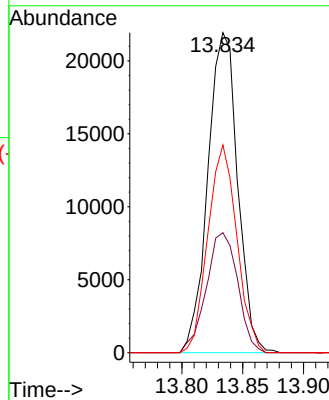
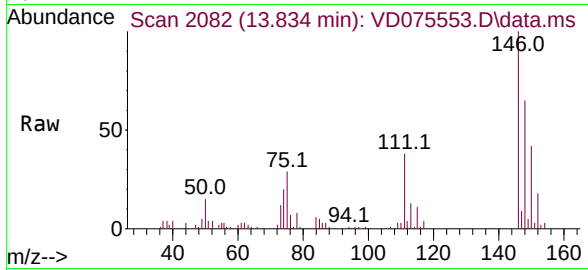




#67
1,2-Dichlorobenzene
Concen: 4.946 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

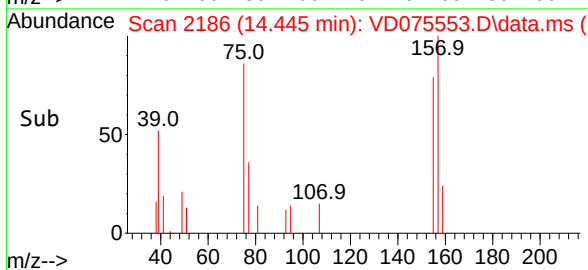
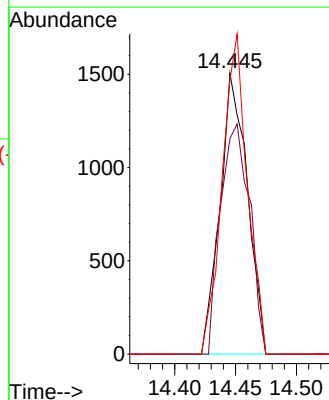
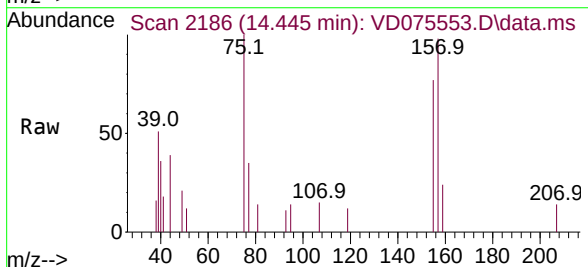
Instrument :
MSVOA_D
ClientSampleId :

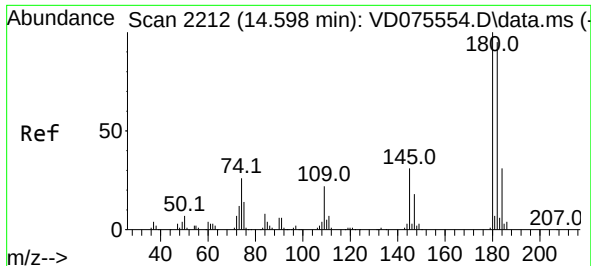
Tgt Ion:146 Resp: 37448
Ion Ratio Lower Upper
146 100
111 37.5 31.3 46.9
148 64.9 52.8 79.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.259 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

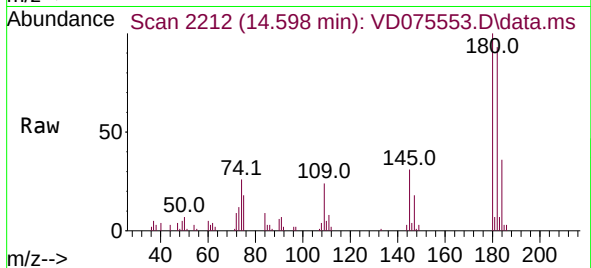
Tgt Ion: 75 Resp: 2344
Ion Ratio Lower Upper
75 100
155 76.8 70.6 106.0
157 97.7 111.3 166.9#



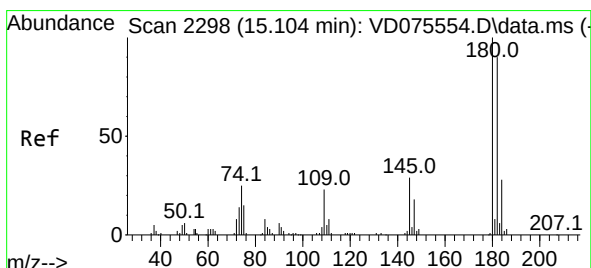
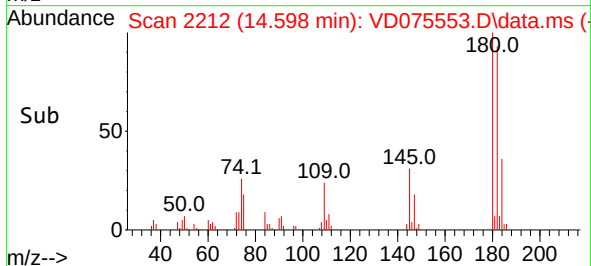
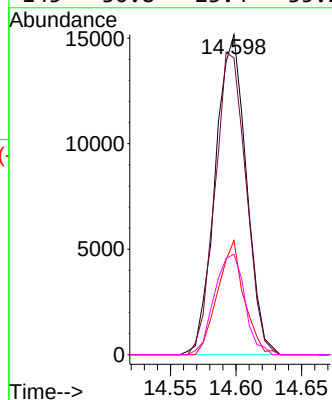


#69
 1,3,5-Trichlorobenzene
 Concen: 4.830 ug/L
 RT: 14.598 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD075553.D
 Acq: 31 Mar 2023 11:44

Instrument :
 MSVOA_D
 ClientSampleId :

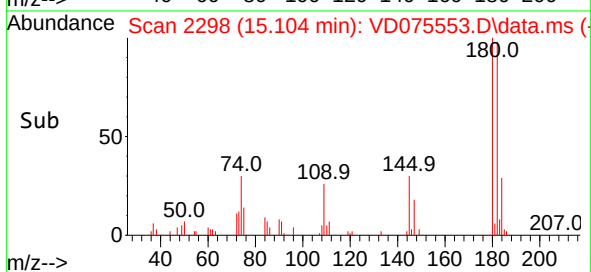
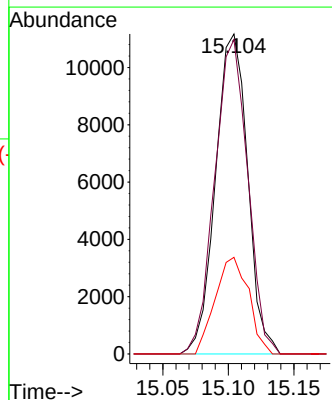
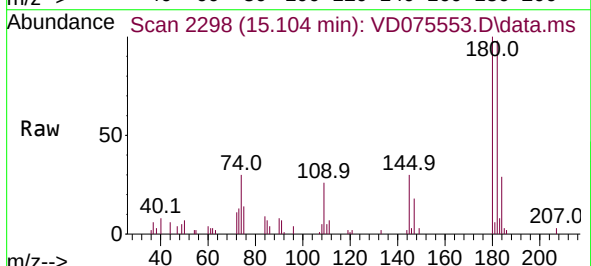


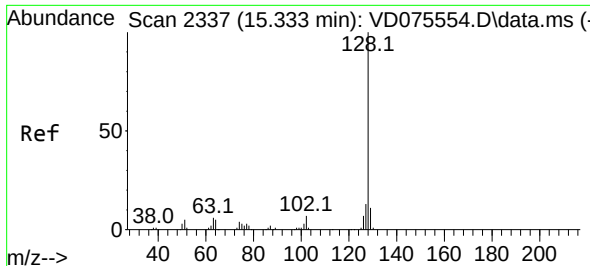
Tgt Ion:180	Resp:	24904
Ion Ratio	Lower	Upper
180	100	
182	94.5	76.9 115.3
184	30.3	24.6 36.8
145	30.8	23.4 35.2



#70
 1,2,4-trichlorobenzene
 Concen: 4.558 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.000 min
 Lab File: VD075553.D
 Acq: 31 Mar 2023 11:44

Tgt Ion:180	Resp:	19023
Ion Ratio	Lower	Upper
180	100	
182	100.8	74.2 111.2
145	31.4	22.9 34.3

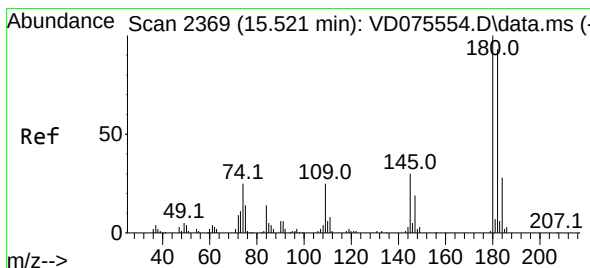
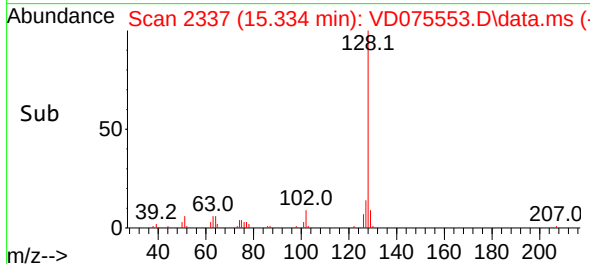
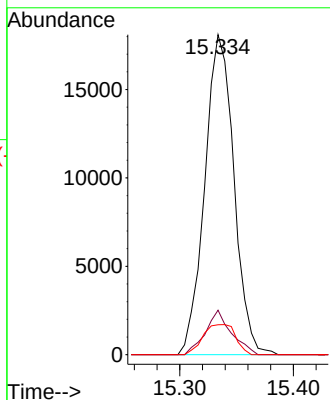
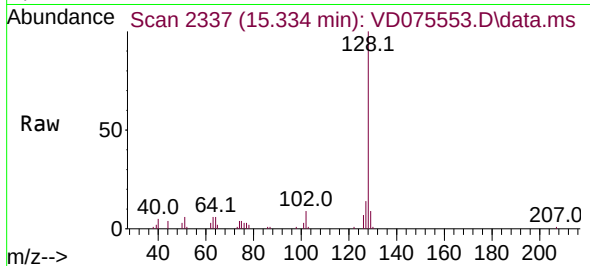




#71
Naphthalene
Concen: 4.187 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	32313
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.3	15.5
129	10.5	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 4.784 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD075553.D
Acq: 31 Mar 2023 11:44

Tgt Ion:	180	Resp:	17888
Ion Ratio	Lower	Upper	
180	100		
182	90.8	75.4	113.0
145	30.7	25.2	37.8

