

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033023\
 Data File : VD075541.D
 Acq On : 30 Mar 2023 11:04
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 31 01:25:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 29 23:32:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	266472	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	251142	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	133219	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	120588	18.226	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.920%
7) Chloroethane-d5	2.805	69	129849	22.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.720%
11) 1,1-Dichloroethene-d2	3.922	63	125054	20.235	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.920%
21) 2-Butanone-d5	6.987	46	36907	60.194	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.380%
24) Chloroform-d	7.569	84	198017	28.356	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.440%
26) 1,2-Dichloroethane-d4	8.234	65	83377	27.560	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.240%
32) Benzene-d6	8.198	84	354668	23.780	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.120%
36) 1,2-Dichloropropane-d6	9.210	67	107877	25.591	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.360%
41) Toluene-d8	10.269	98	328454	24.140	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.560%
43) trans-1,3-Dichloroprop...	10.528	79	46387	26.928	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.720%
47) 2-Hexanone-d5	10.875	63	36633	60.239	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.480%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	110108	31.226	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.920%#
66) 1,2-Dichlorobenzene-d4	13.816	152	126185	27.079	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	90143	21.988	ug/L	100
3) Chloromethane	2.146	50	122862	17.821	ug/L	99
5) Vinyl chloride	2.287	62	191998	22.144	ug/L	99
6) Bromomethane	2.693	94	132229	32.179	ug/L	100
8) Chloroethane	2.840	64	132731	24.344	ug/L	99
9) Trichlorofluoromethane	3.175	101	167943	25.875	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	115381	25.733	ug/L	97
12) 1,1-Dichloroethene	3.946	96	92598	23.453	ug/L	89
13) Acetone	4.028	43	32262	46.580	ug/L	82
14) Carbon disulfide	4.275	76	224507	20.336	ug/L	99
15) Methyl Acetate	4.563	43	27525	23.418	ug/L #	79
16) Methylene chloride	4.805	84	117255	20.834	ug/L	95
17) trans-1,2-Dichloroethene	5.316	96	101118	23.892	ug/L	93
18) Methyl tert-butyl Ether	5.316	73	204180	25.960	ug/L	97
19) 1,1-Dichloroethane	6.110	63	172441	24.085	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	121303	25.372	ug/L	95
22) 2-Butanone	7.081	43	40618	46.214	ug/L	94
23) Bromochloromethane	7.422	128	57617	28.130	ug/L #	90
25) Chloroform	7.599	83	202030	25.879	ug/L	95

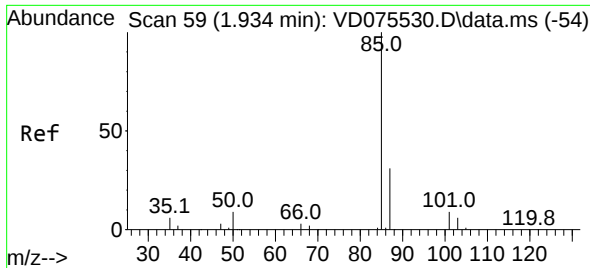
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033023\
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Quant Time: Mar 31 01:25:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 29 23:32:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	105016	24.945	ug/L	98
29) Cyclohexane	7.881	56	111547	20.758	ug/L	93
30) 1,1,1-Trichloroethane	7.799	97	171125	25.341	ug/L	97
31) Carbon tetrachloride	7.993	117	140447	26.186	ug/L	100
33) Benzene	8.251	78	428068	23.717	ug/L	100
34) Trichloroethene	9.028	95	114266	24.242	ug/L	96
35) Methylcyclohexane	9.275	83	165446	22.484	ug/L	96
37) 1,2-Dichloropropane	9.304	63	101711	22.933	ug/L	98
38) Bromodichloromethane	9.587	83	150740	25.693	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	166834	24.580	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	81556	47.951	ug/L	97
42) Toluene	10.334	91	498041	25.206	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	142250	25.437	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	97095	27.410	ug/L	95
46) Tetrachloroethene	10.810	164	90384	25.024	ug/L	97
48) 2-Hexanone	10.922	43	60102	48.028	ug/L #	95
49) Dibromochloromethane	11.075	129	105816	27.346	ug/L	94
50) 1,2-Dibromoethane	11.181	107	84358	26.345	ug/L #	93
51) Chlorobenzene	11.610	112	322944	25.146	ug/L	98
52) Ethylbenzene	11.687	91	533084	25.370	ug/L	99
53) m,p-Xylene	11.798	106	212017	25.609	ug/L	96
54) o-Xylene	12.122	106	208493	26.622	ug/L	99
55) Styrene	12.134	104	374213	26.903	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	102749	26.502	ug/L	98
59) Bromoform	12.304	173	63724	26.509	ug/L	98
60) Isopropylbenzene	12.422	105	559430	24.969	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	64807	24.268	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	422222	25.103	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	418504	25.447	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	248637	25.086	ug/L	96
65) 1,4-Dichlorobenzene	13.539	146	257119	25.219	ug/L	99
67) 1,2-Dichlorobenzene	13.833	146	227885	25.805	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	12967	25.004	ug/L	87
69) 1,3,5-Trichlorobenzene	14.598	180	152857	24.594	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	125714	25.157	ug/L	99
71) Naphthalene	15.339	128	241270	24.343	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	114343	25.959	ug/L	99

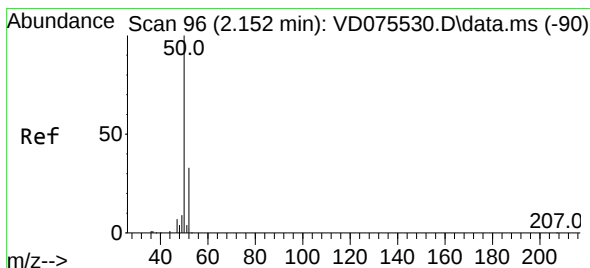
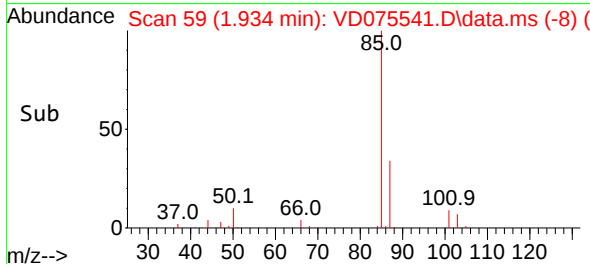
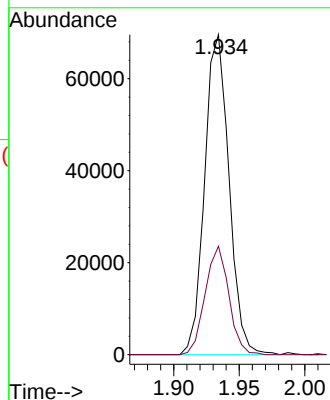
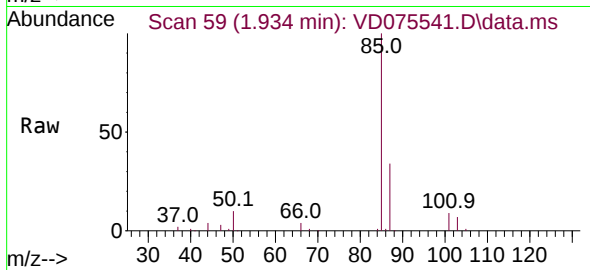
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 21.988 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD075541.D
 Acq: 30 Mar 2023 11:04

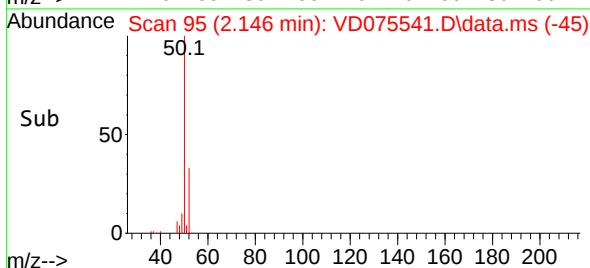
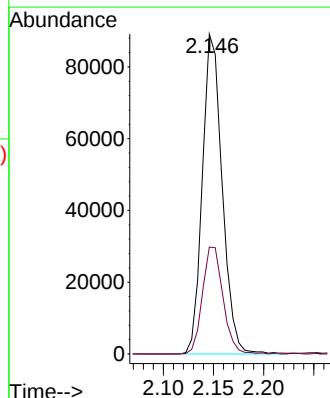
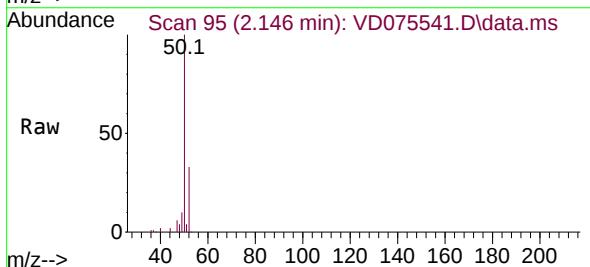
Instrument :
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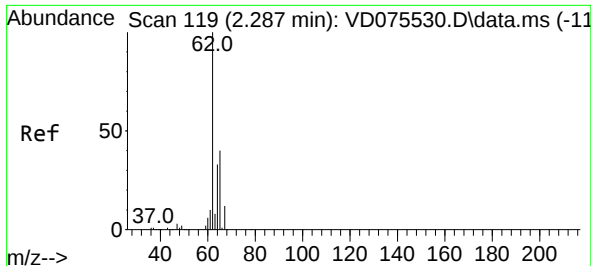
Tgt Ion: 85 Resp: 90143
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.4 39.6



#3
 Chloromethane
 Concen: 17.821 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.006 min
 Lab File: VD075541.D
 Acq: 30 Mar 2023 11:04

Tgt Ion: 50 Resp: 122862
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.7 43.9

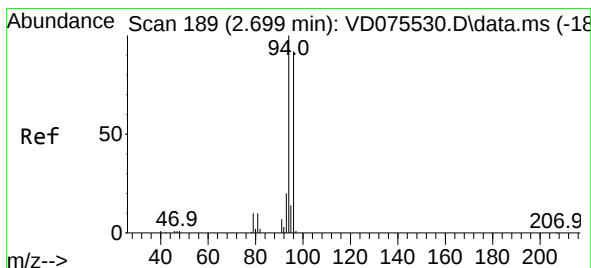
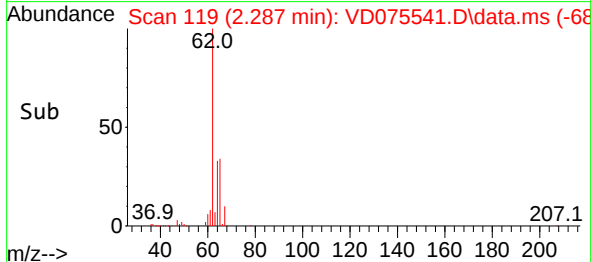
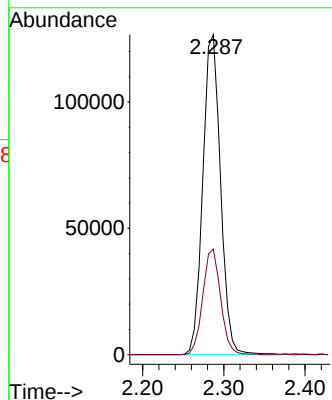
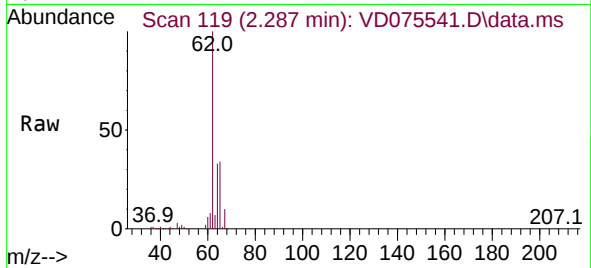




#5
 Vinyl chloride
 Concen: 22.144 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD075541.D
 Acq: 30 Mar 2023 11:04

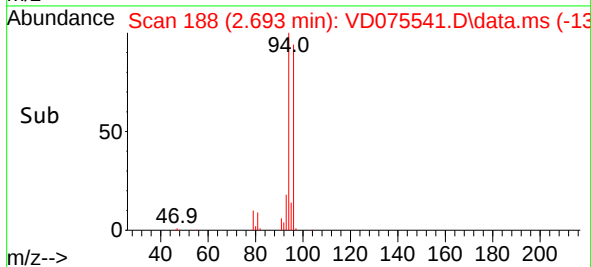
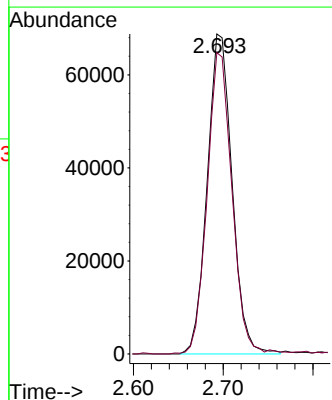
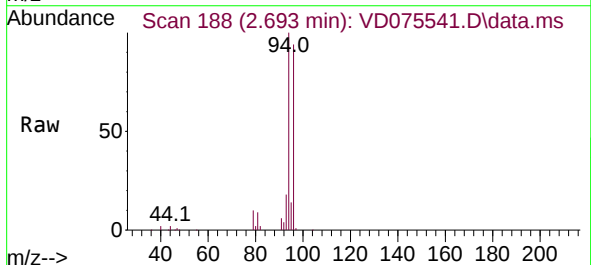
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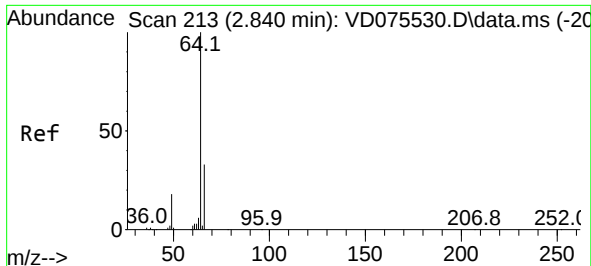
Tgt Ion: 62 Resp: 191998
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.7 42.3



#6
 Bromomethane
 Concen: 32.179 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.006 min
 Lab File: VD075541.D
 Acq: 30 Mar 2023 11:04

Tgt Ion: 94 Resp: 132229
 Ion Ratio Lower Upper
 94 100
 96 94.1 65.9 122.5

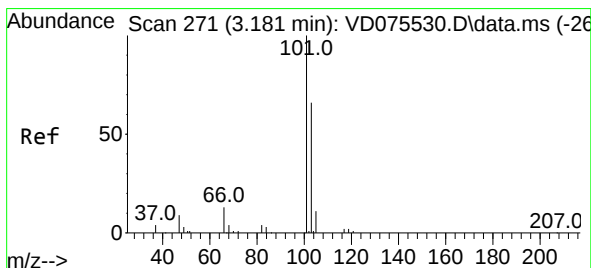
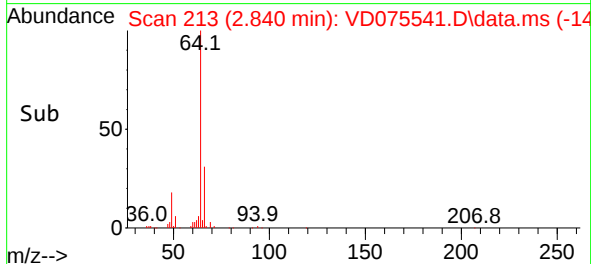
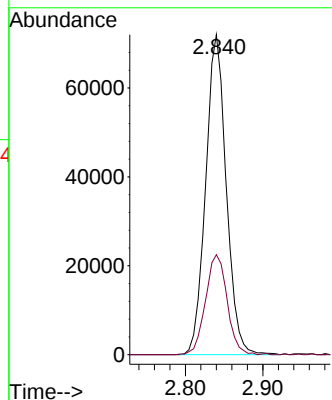
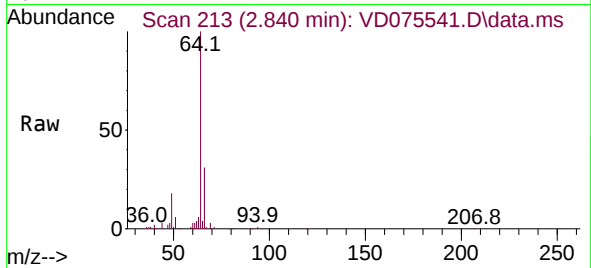




#8
Chloroethane
Concen: 24.344 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

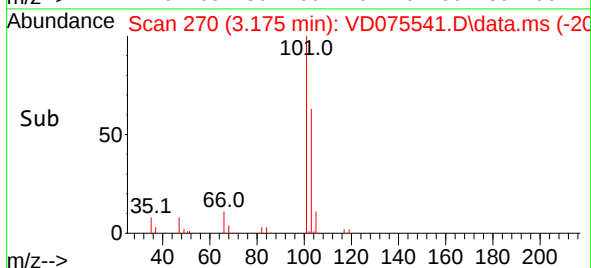
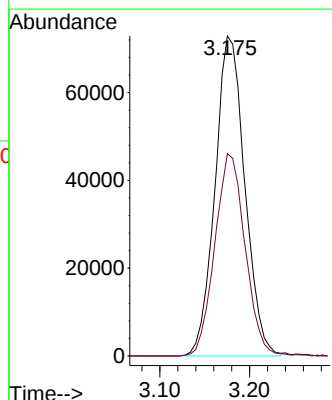
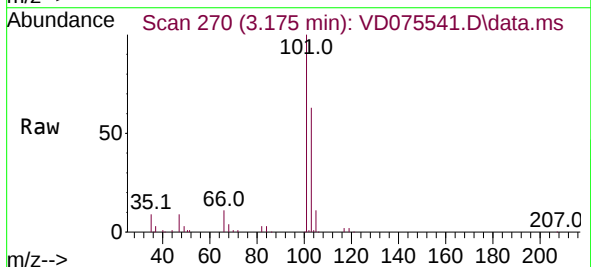
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ClientSampleId :

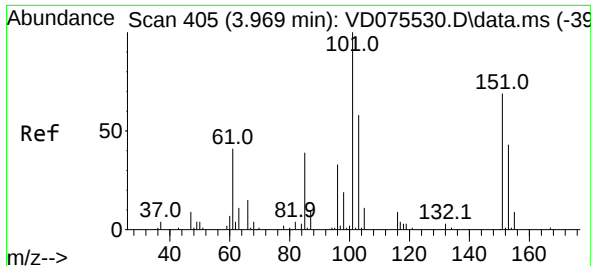
Tgt Ion: 64 Resp: 132731
Ion Ratio Lower Upper
64 100
66 31.2 22.2 41.2



#9
Trichlorofluoromethane
Concen: 25.875 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

Tgt Ion: 101 Resp: 167943
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.8

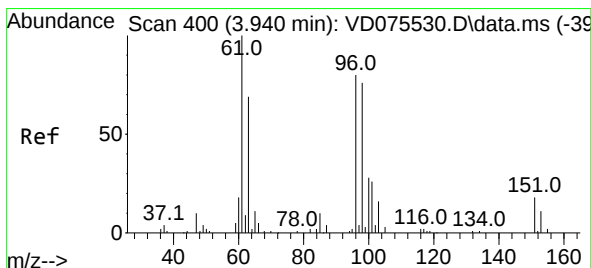
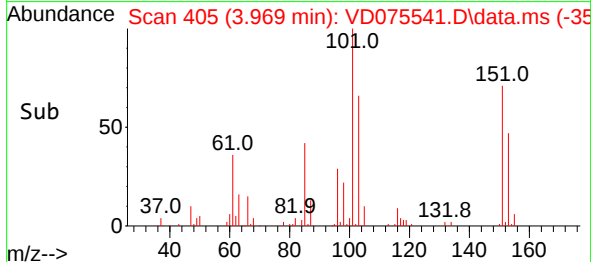
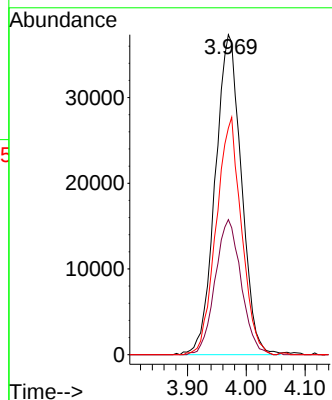
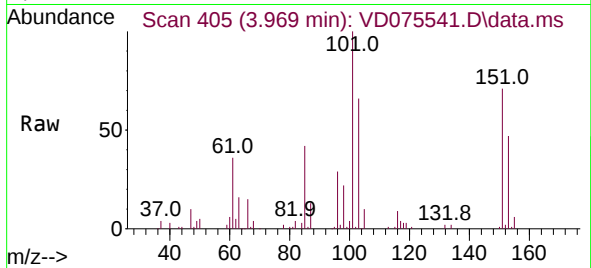




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.733 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD075541.D
 Acq: 30 Mar 2023 11:04

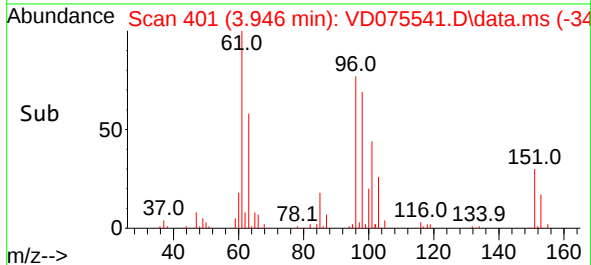
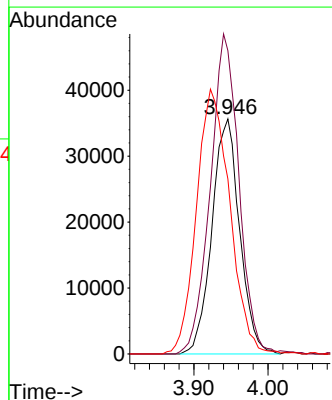
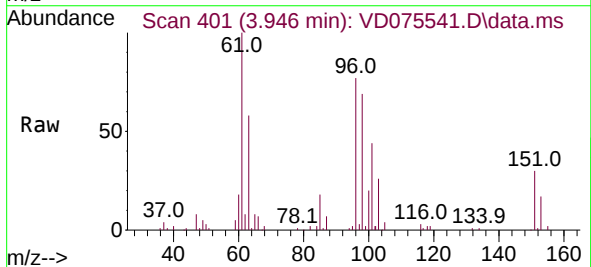
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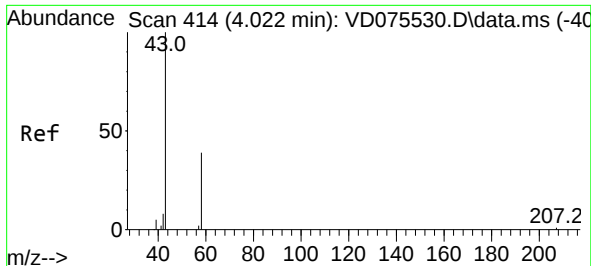
Tgt Ion:101 Resp: 115381
 Ion Ratio Lower Upper
 101 100
 85 41.9 34.0 51.0
 151 71.6 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 23.453 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.006 min
 Lab File: VD075541.D
 Acq: 30 Mar 2023 11:04

Tgt Ion: 96 Resp: 92598
 Ion Ratio Lower Upper
 96 100
 61 129.1 97.5 181.1
 63 74.4 62.4 116.0

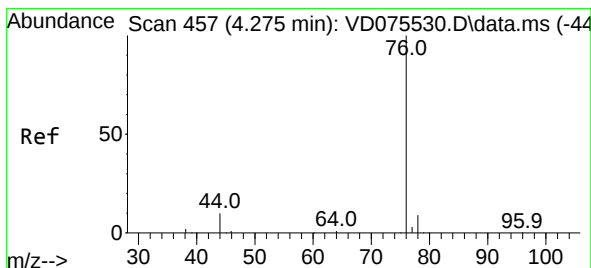
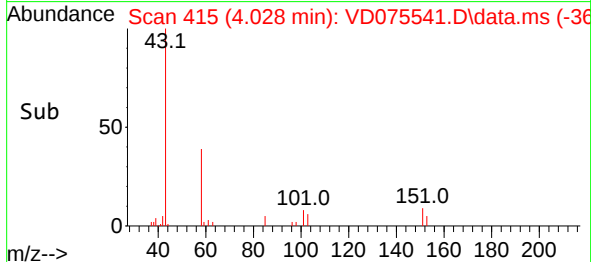
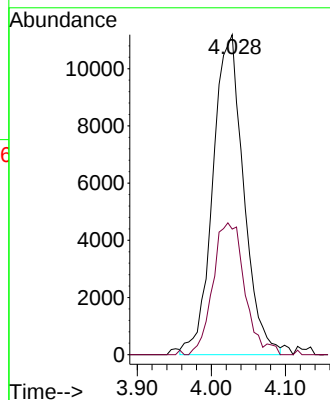
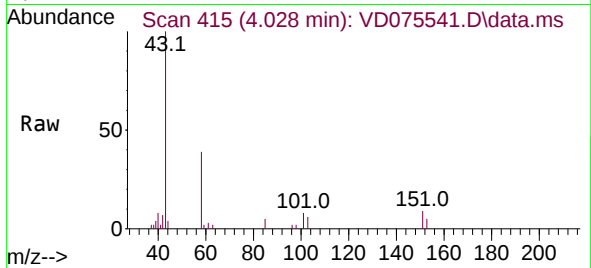




#13
Acetone
Concen: 46.580 ug/L
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

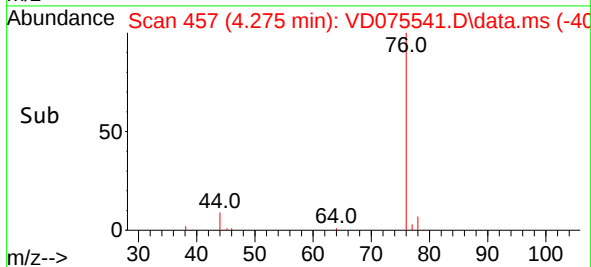
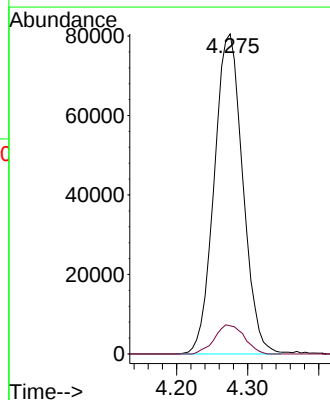
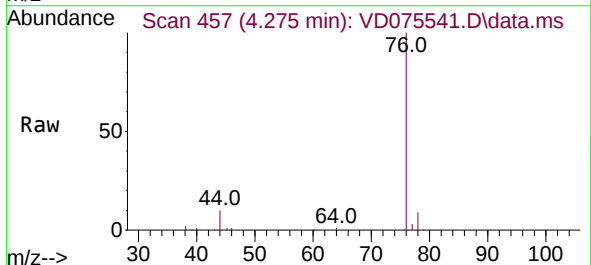
Instrument :
MSVOA_D
ClientSampleId :

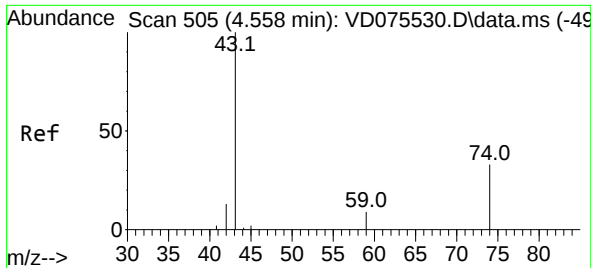
Tgt Ion: 43 Resp: 32262
Ion Ratio Lower Upper
43 100
58 27.1 0.0 75.4



#14
Carbon disulfide
Concen: 20.336 ug/L
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

Tgt Ion: 76 Resp: 224507
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2

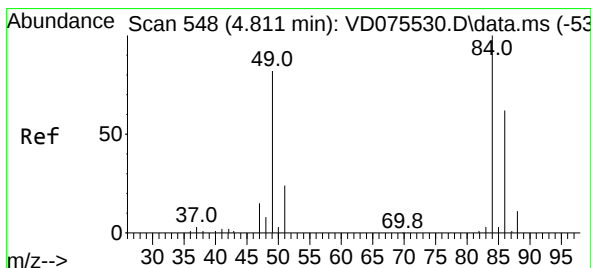
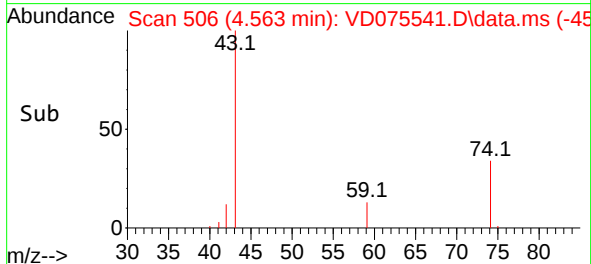
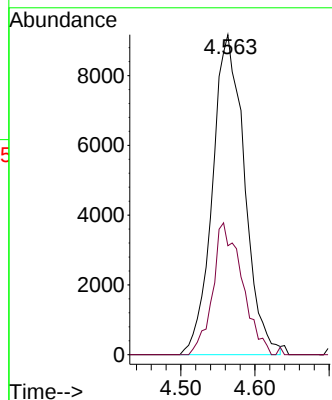
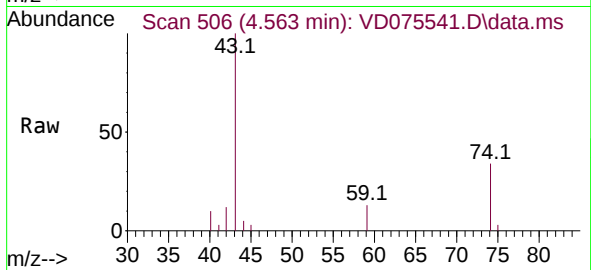




#15
Methyl Acetate
Concen: 23.418 ug/L
RT: 4.563 min Scan# 505
Delta R.T. 0.005 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

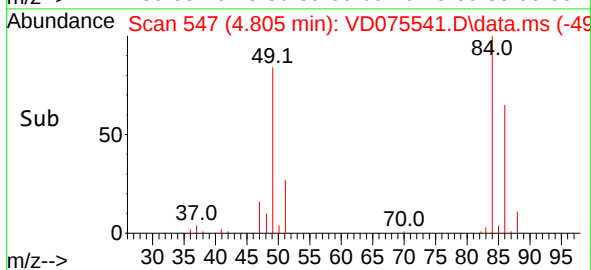
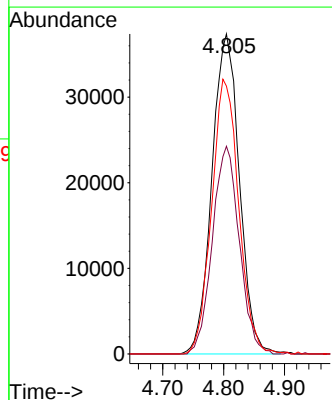
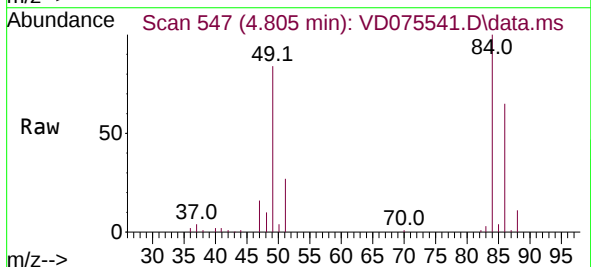
Instrument :
MSVOA_D
ClientSampleId :

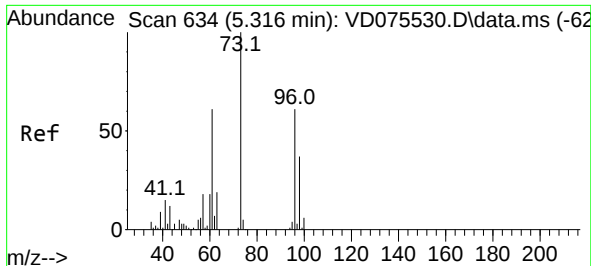
Tgt Ion: 43 Resp: 27525
Ion Ratio Lower Upper
43 100
74 20.5 25.7 38.5#



#16
Methylene chloride
Concen: 20.834 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

Tgt Ion: 84 Resp: 117255
Ion Ratio Lower Upper
84 100
86 64.9 44.2 82.2
49 83.7 63.6 118.2

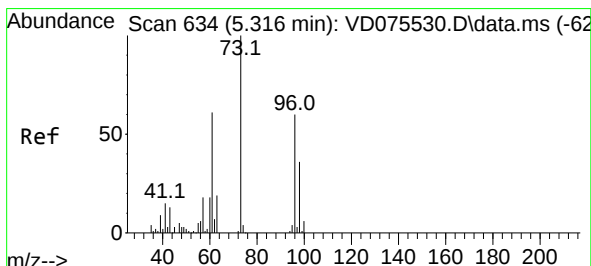
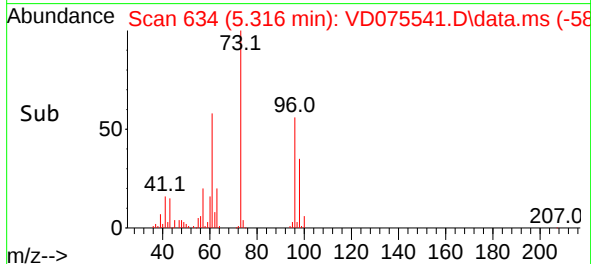
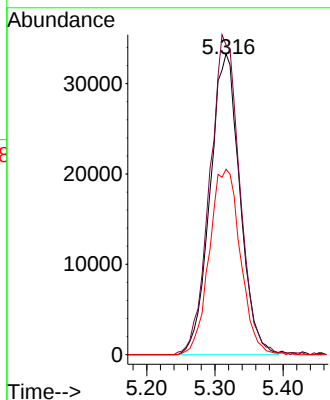
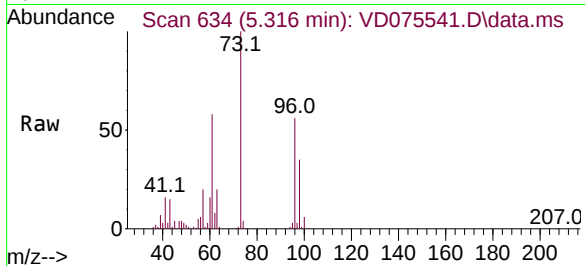




#17
trans-1,2-Dichloroethene
Concen: 23.892 ug/L
RT: 5.316 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

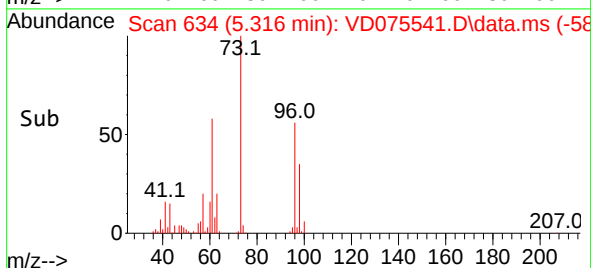
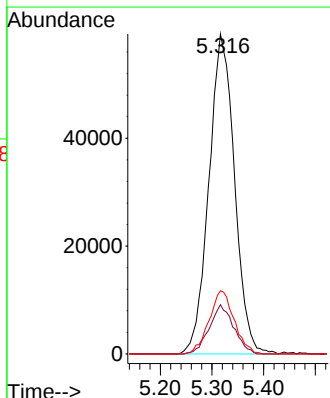
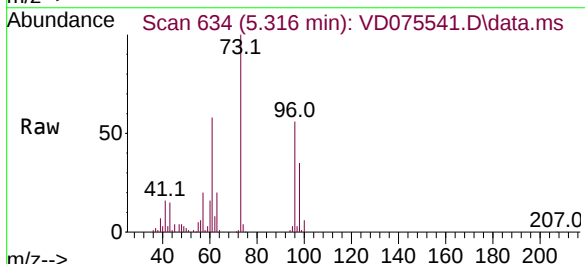
Instrument :
MSVOA_D
ClientSampleId :

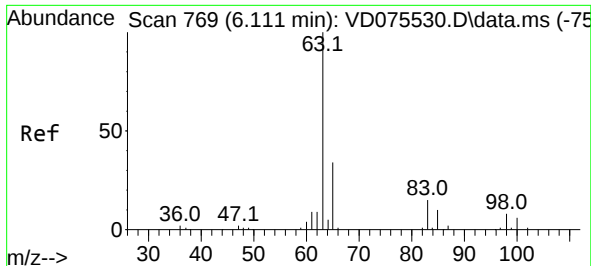
Tgt Ion: 96 Resp: 101118
Ion Ratio Lower Upper
96 100
61 102.9 77.8 144.6
98 61.6 47.0 87.4



#18
Methyl tert-butyl Ether
Concen: 25.960 ug/L
RT: 5.316 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

Tgt Ion: 73 Resp: 204180
Ion Ratio Lower Upper
73 100
43 14.6 12.1 18.1
57 19.4 17.0 25.4





#19

1,1-Dichloroethane

Concen: 24.085 ug/L

RT: 6.110 min Scan# 769

Delta R.T. -0.001 min

Lab File: VD075541.D

Acq: 30 Mar 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

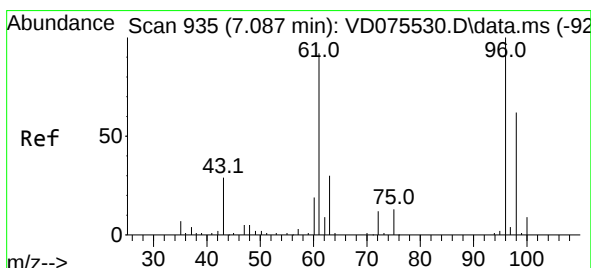
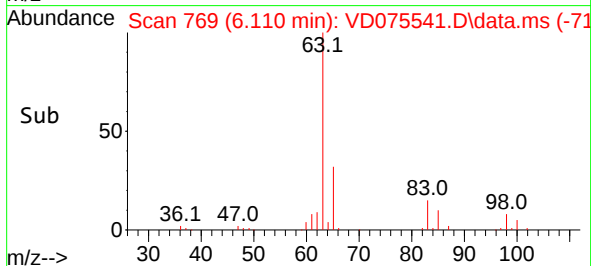
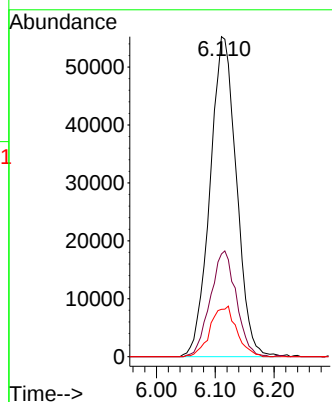
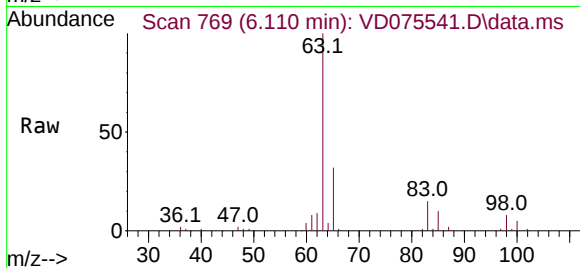
Tgt Ion: 63 Resp: 172441

Ion Ratio Lower Upper

63 100

65 32.1 21.1 39.3

83 14.8 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 25.372 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.006 min

Lab File: VD075541.D

Acq: 30 Mar 2023 11:04

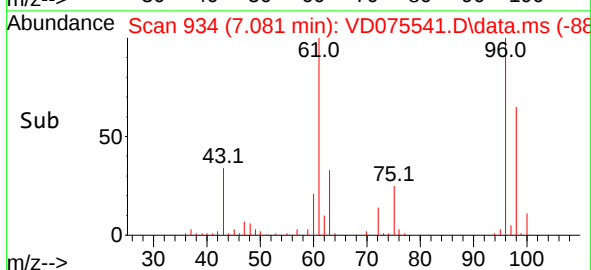
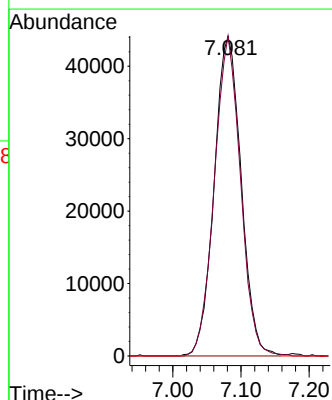
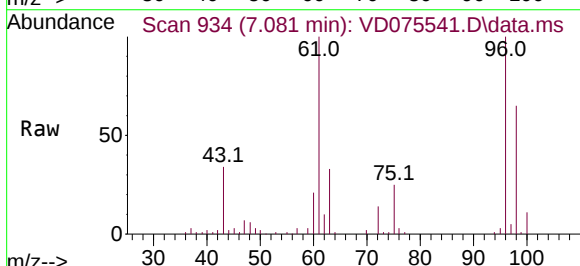
Tgt Ion: 96 Resp: 121303

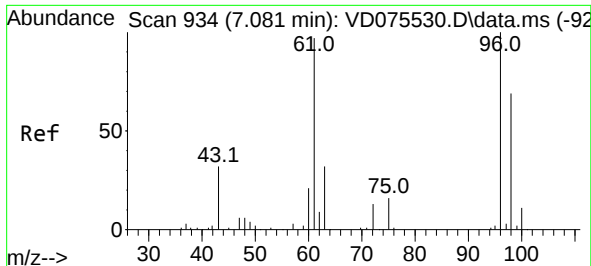
Ion Ratio Lower Upper

96 100

61 100.2 73.9 137.3

68 0.0 0.0 0.0

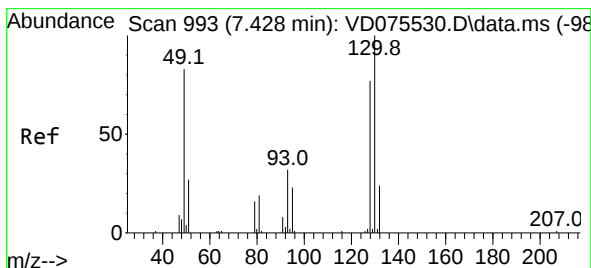
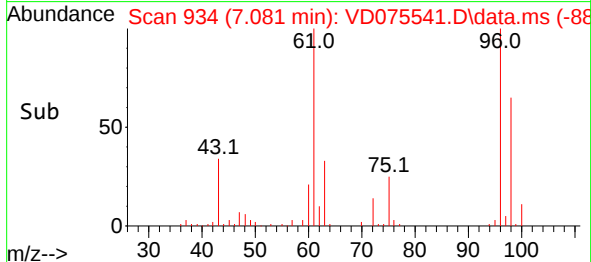
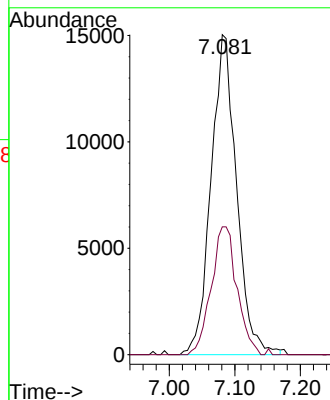
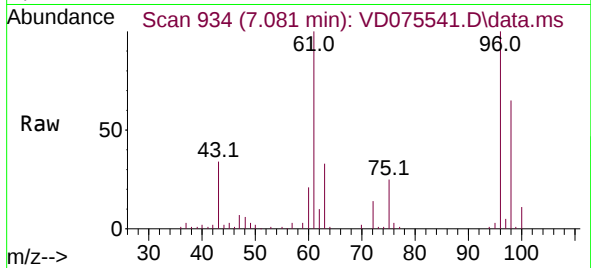




#22
2-Butanone
Concen: 46.214 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

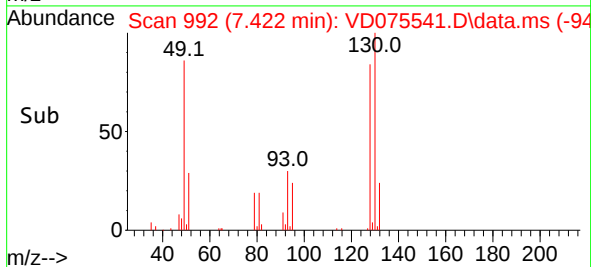
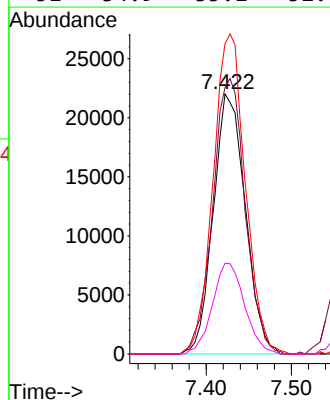
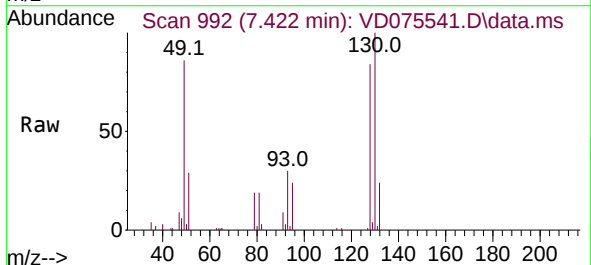
Instrument :
MSVOA_D
ClientSampleId :

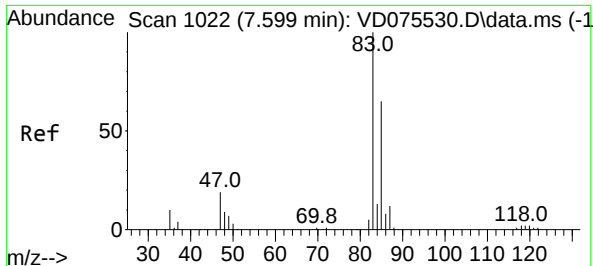
Tgt Ion: 43 Resp: 40618
Ion Ratio Lower Upper
43 100
72 40.3 18.3 54.9



#23
Bromochloromethane
Concen: 28.130 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

Tgt Ion:128 Resp: 57617
Ion Ratio Lower Upper
128 100
49 102.5 84.2 156.4
130 119.3 82.5 153.1
51 34.9 35.1 52.7#





#25

Chloroform

Concen: 25.879 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075541.D

Acq: 30 Mar 2023 11:04

Instrument :

MSVOA_D

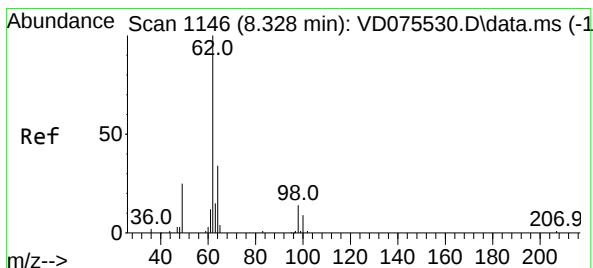
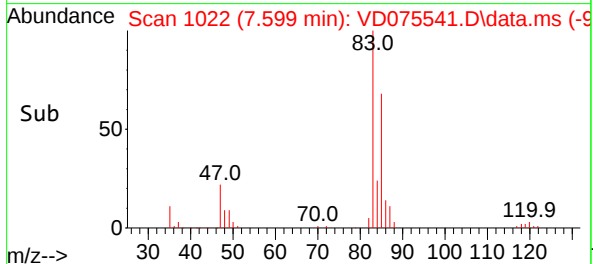
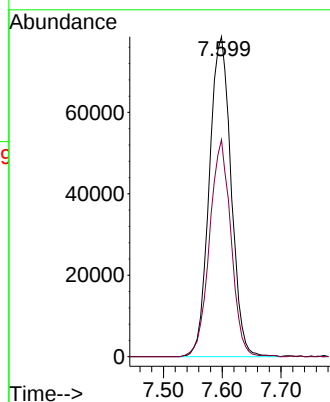
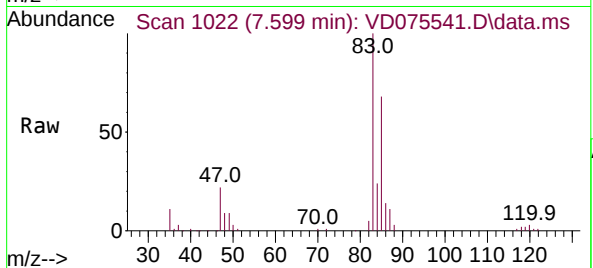
ClientSampleId :

Tgt Ion: 83 Resp: 202030

Ion Ratio Lower Upper

83 100

85 67.8 44.9 83.3



#27

1,2-Dichloroethane

Concen: 24.945 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD075541.D

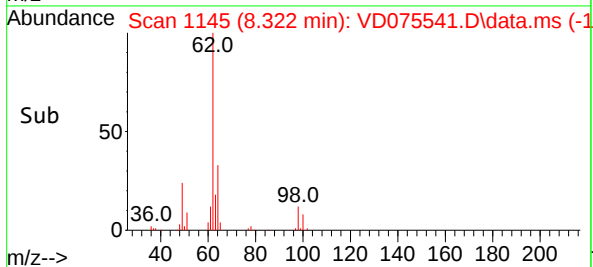
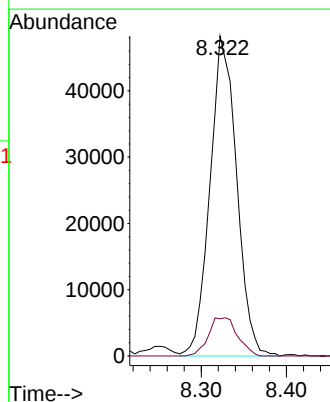
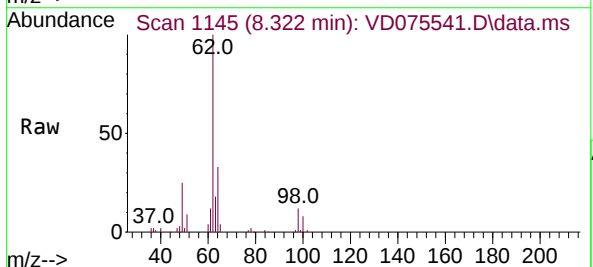
Acq: 30 Mar 2023 11:04

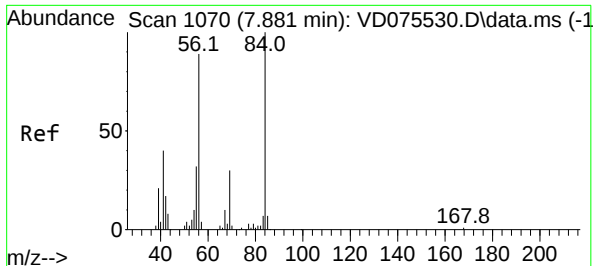
Tgt Ion: 62 Resp: 105016

Ion Ratio Lower Upper

62 100

98 11.6 8.8 13.2





#29

Cyclohexane

Concen: 20.758 ug/L

RT: 7.881 min Scan# 111547

Delta R.T. -0.000 min

Lab File: VD075541.D

Acq: 30 Mar 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

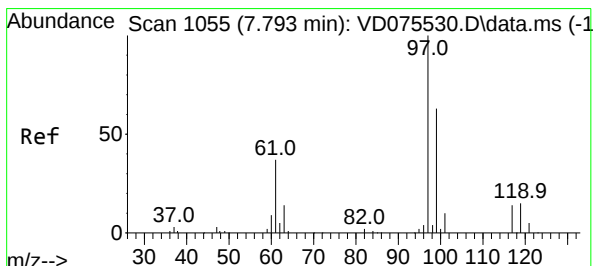
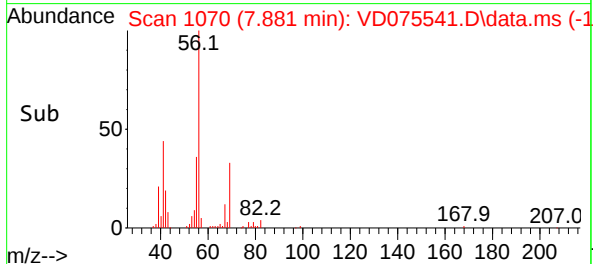
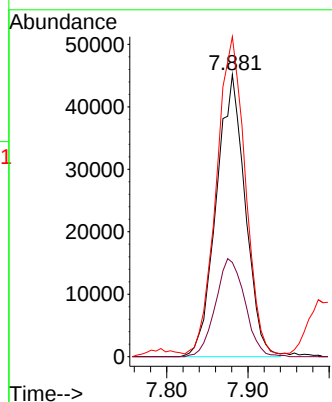
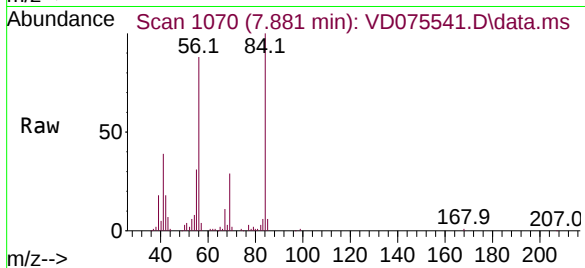
Tgt Ion: 56 Resp: 111547

Ion Ratio Lower Upper

56 100

69 35.3 27.0 40.6

84 114.4 85.0 127.6



#30

1,1,1-Trichloroethane

Concen: 25.341 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD075541.D

Acq: 30 Mar 2023 11:04

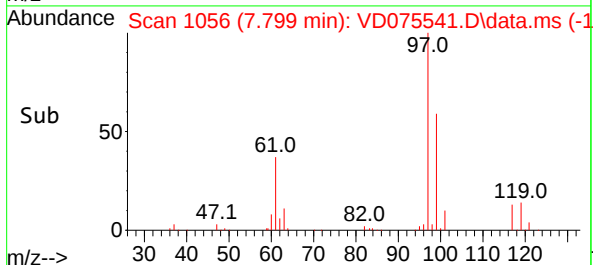
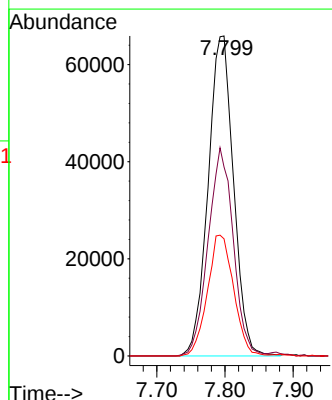
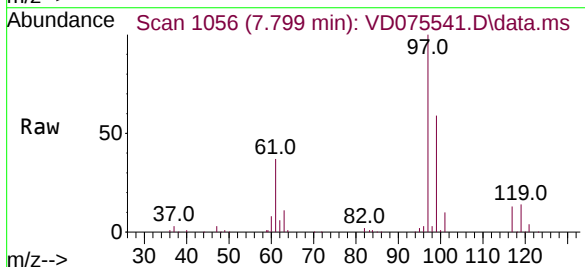
Tgt Ion: 97 Resp: 171125

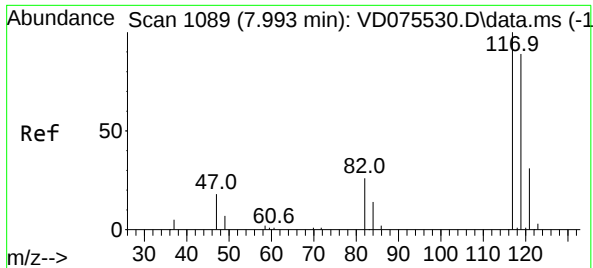
Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.4

61 38.9 34.0 51.0

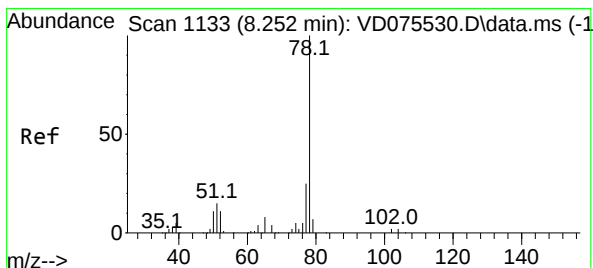
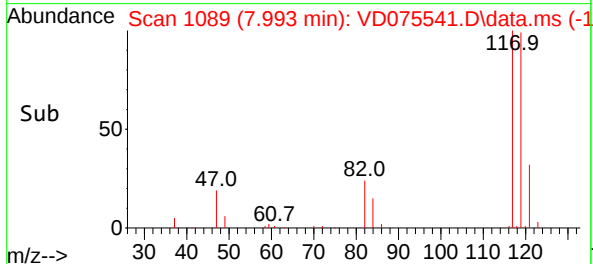
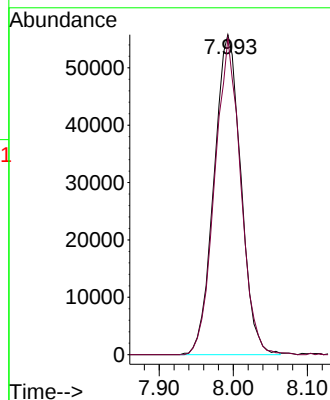
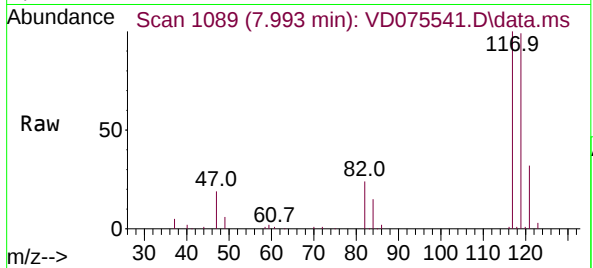




#31
Carbon tetrachloride
Concen: 26.186 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

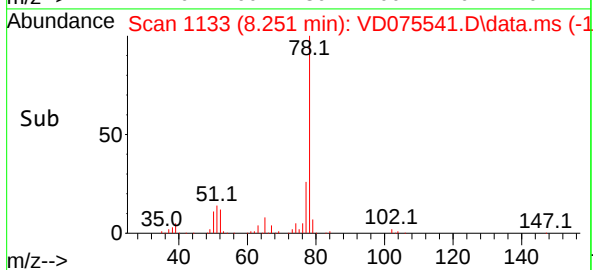
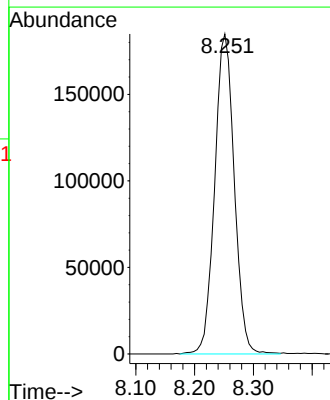
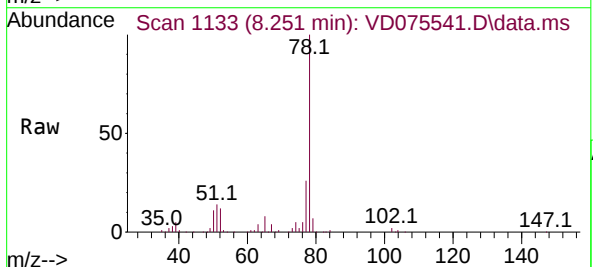
Instrument :
MSVOA_D
ClientSampleId :

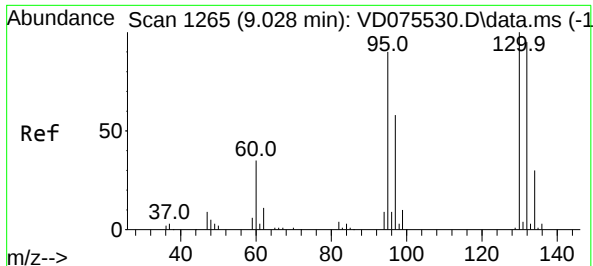
Tgt Ion:117 Resp: 140447
Ion Ratio Lower Upper
117 100
119 95.4 76.2 114.2



#33
Benzene
Concen: 23.717 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.001 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

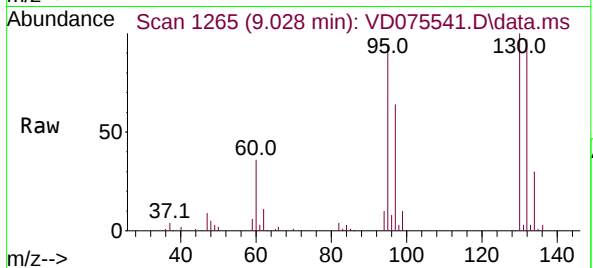
Tgt Ion: 78 Resp: 428068





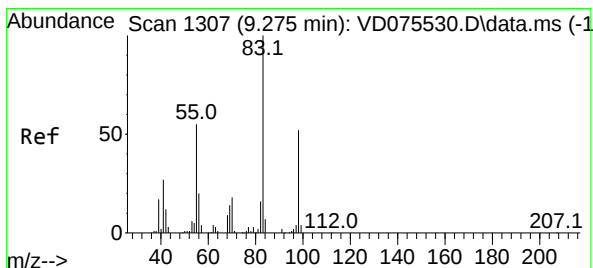
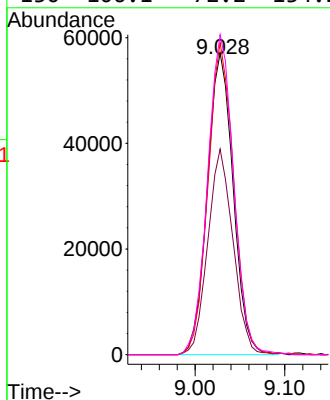
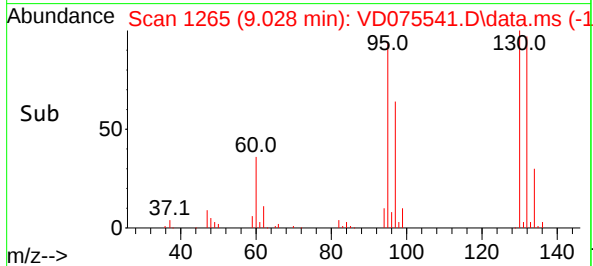
#34
Trichloroethene
Concen: 24.242 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :

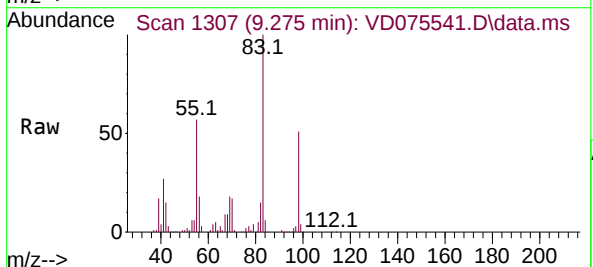


Tgt Ion: 95 Resp: 114266

Ion	Ratio	Lower	Upper
95	100		
97	68.2	44.7	83.1
132	103.4	70.0	130.0
130	106.1	72.2	134.2

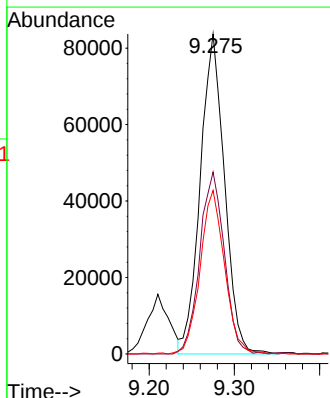
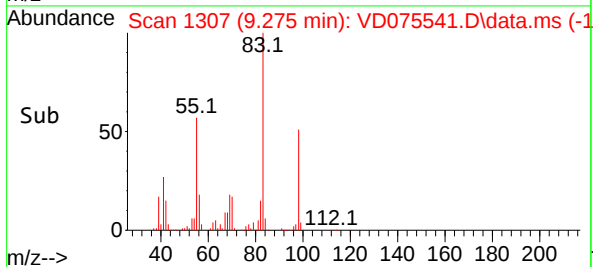


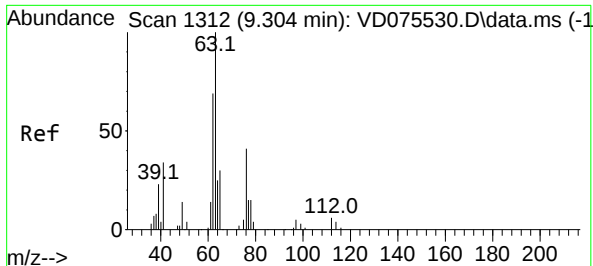
#35
Methylcyclohexane
Concen: 22.484 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04



Tgt Ion: 83 Resp: 165446

Ion	Ratio	Lower	Upper
83	100		
55	57.3	49.3	73.9
98	51.5	39.8	59.6





#37

1,2-Dichloropropane

Concen: 22.933 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075541.D

Acq: 30 Mar 2023 11:04

Instrument :

MSVOA_D

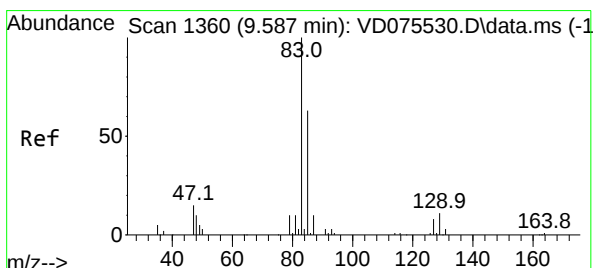
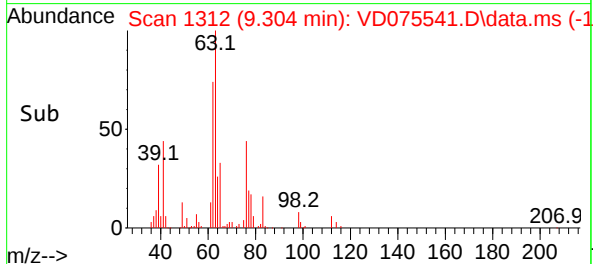
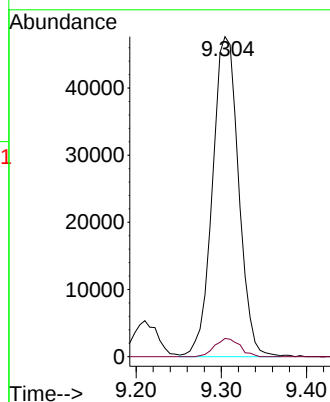
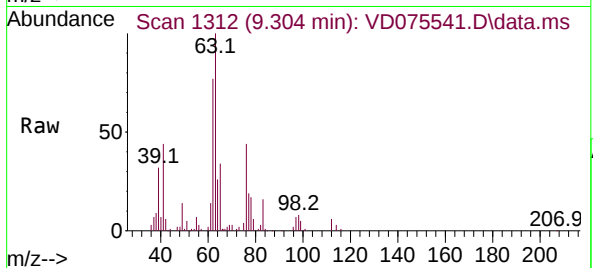
ClientSampleId :

Tgt Ion: 63 Resp: 101711

Ion Ratio Lower Upper

63 100

112 5.5 3.8 5.6



#38

Bromodichloromethane

Concen: 25.693 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD075541.D

Acq: 30 Mar 2023 11:04

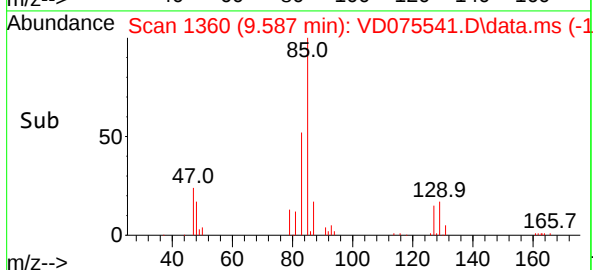
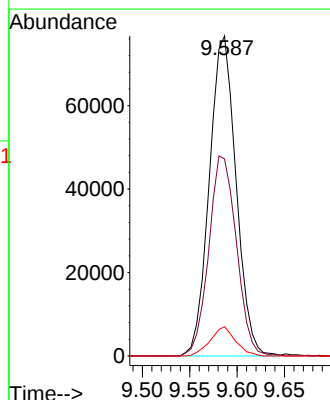
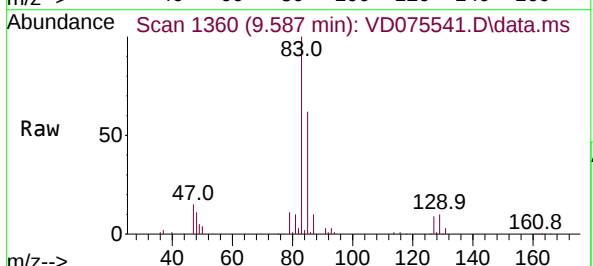
Tgt Ion: 83 Resp: 150740

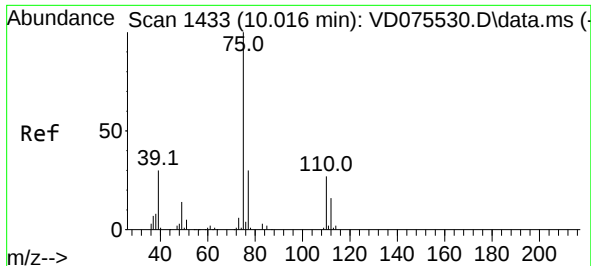
Ion Ratio Lower Upper

83 100

85 61.6 44.6 82.8

127 9.1 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 24.580 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD075541.D

Acq: 30 Mar 2023 11:04

Instrument :

MSVOA_D

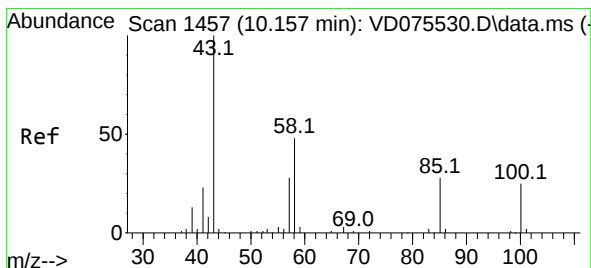
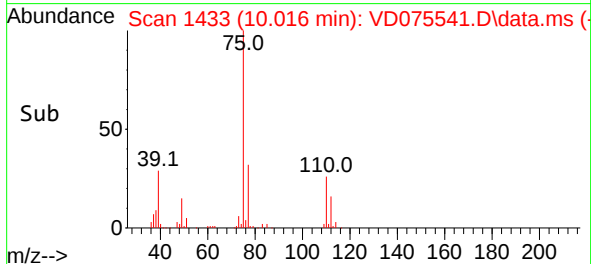
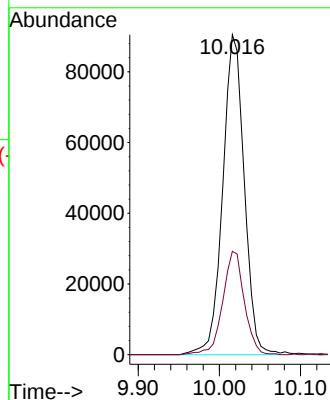
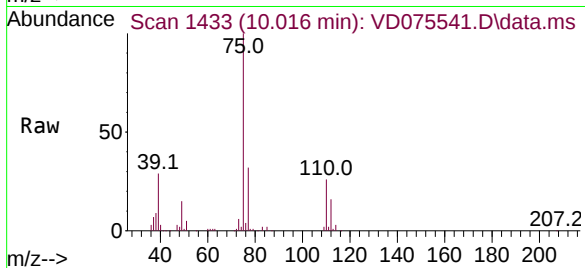
ClientSampleId :

Tgt Ion: 75 Resp: 166834

Ion Ratio Lower Upper

75 100

77 32.3 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 47.951 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD075541.D

Acq: 30 Mar 2023 11:04

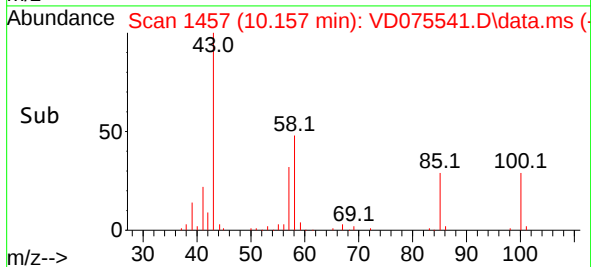
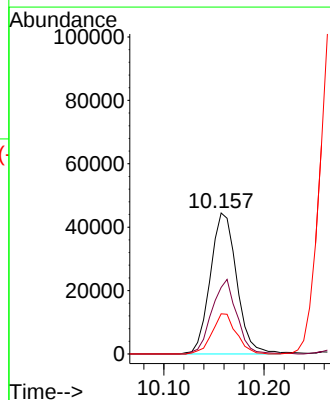
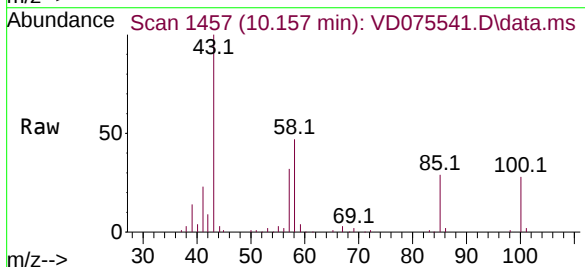
Tgt Ion: 43 Resp: 81556

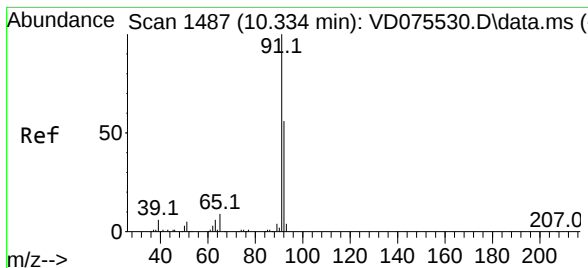
Ion Ratio Lower Upper

43 100

58 49.7 39.0 58.6

100 26.1 18.7 28.1





#42

Toluene

Concen: 25.206 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075541.D

Acq: 30 Mar 2023 11:04

Instrument :

MSVOA_D

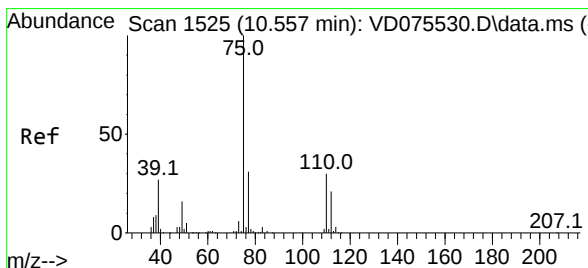
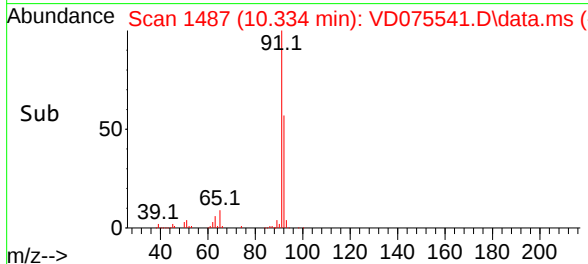
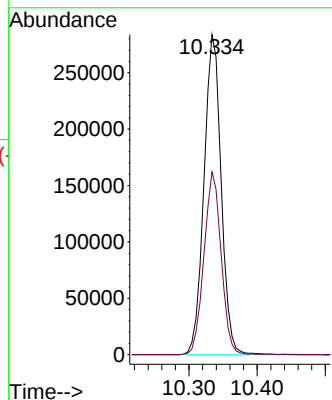
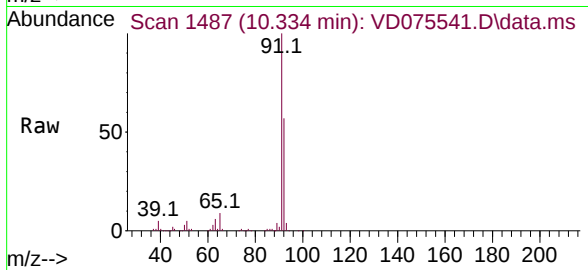
ClientSampleId :

Tgt Ion: 91 Resp: 498041

Ion Ratio Lower Upper

91 100

92 57.1 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 25.437 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD075541.D

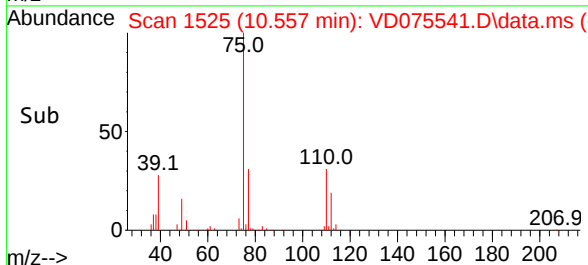
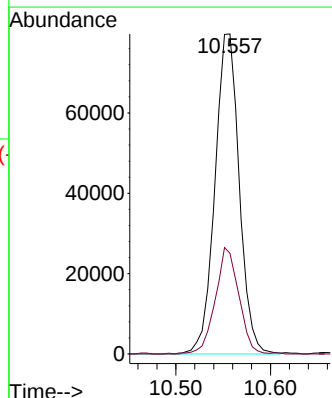
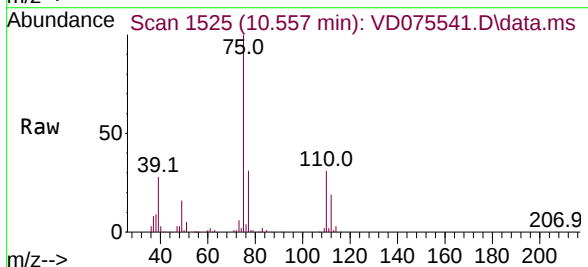
Acq: 30 Mar 2023 11:04

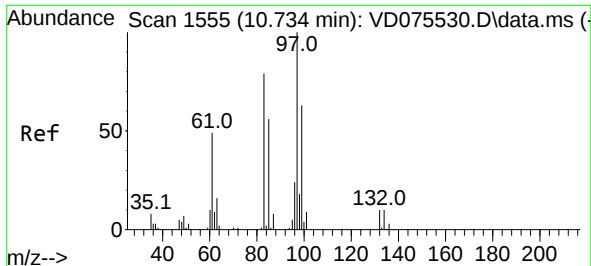
Tgt Ion: 75 Resp: 142250

Ion Ratio Lower Upper

75 100

77 31.5 22.4 41.6

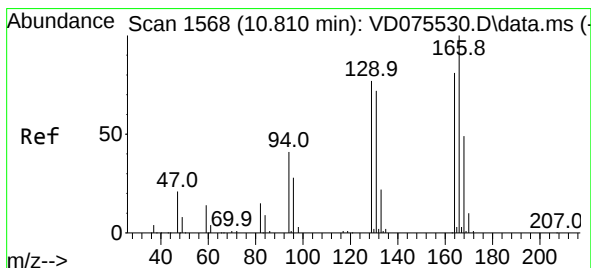
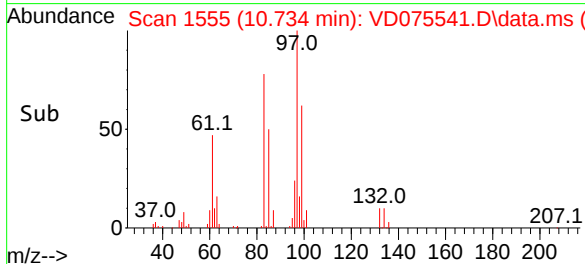
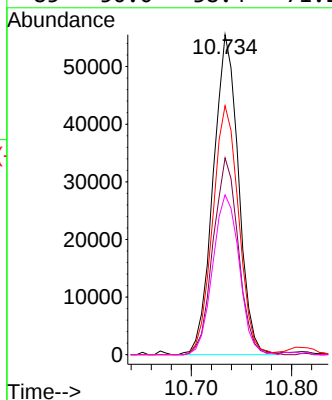
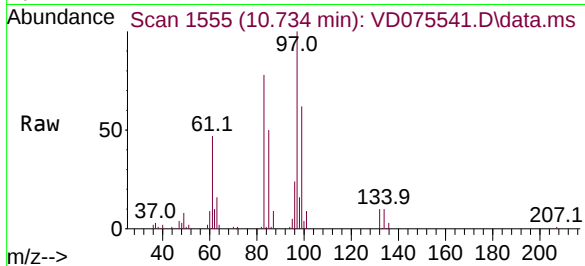




#45
1,1,2-Trichloroethane
Concen: 27.410 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

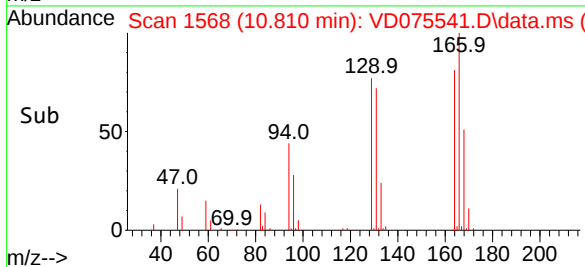
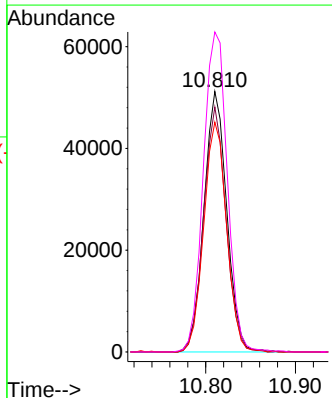
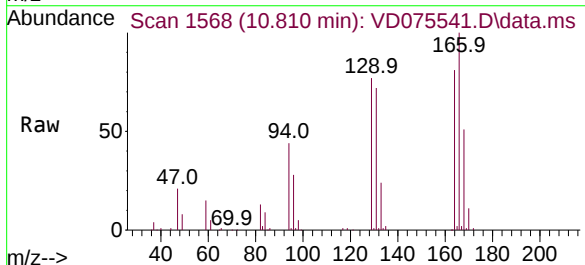
Instrument :
MSVOA_D
ClientSampleId :

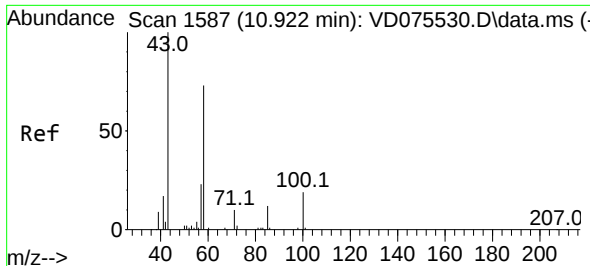
Tgt Ion: 97	Resp: 97095
Ion Ratio	Lower Upper
97 100	
99 61.5	40.9 76.0
83 77.8	57.7 107.1
85 50.0	38.4 71.2



#46
Tetrachloroethene
Concen: 25.024 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

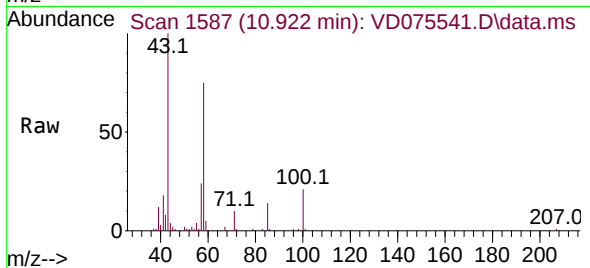
Tgt	Ion:164	Resp:	90384
Ion	Ratio	Lower	Upper
164	100		
129	94.0	65.4	121.4
131	88.2	64.1	119.1
166	122.8	88.5	164.3



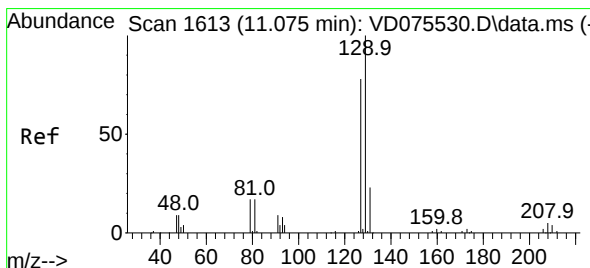
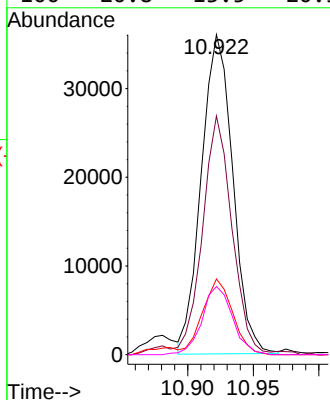
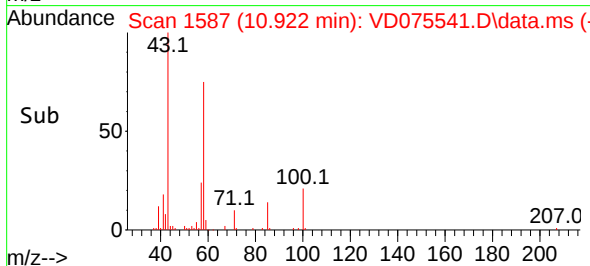


#48
2-Hexanone
Concen: 48.028 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :

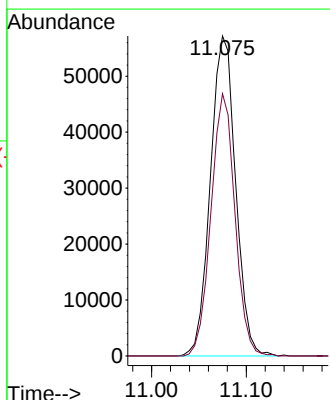
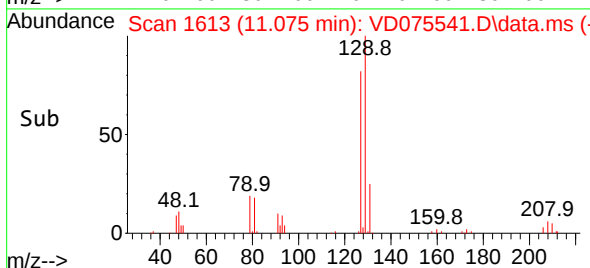
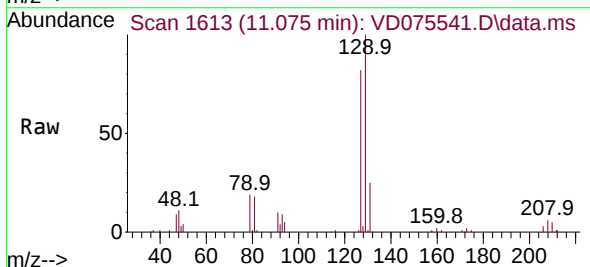


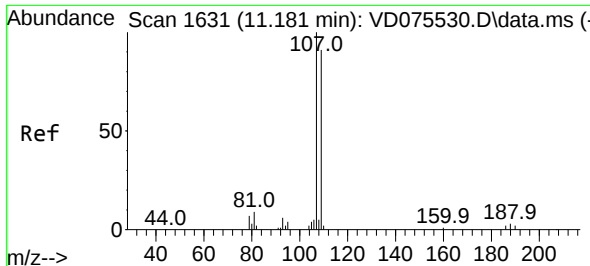
Tgt Ion: 43 Resp: 60102
Ion Ratio Lower Upper
43 100
58 70.1 53.1 79.7
57 22.7 16.7 25.1
100 20.8 13.5 20.3#



#49
Dibromochloromethane
Concen: 27.346 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

Tgt Ion: 129 Resp: 105816
Ion Ratio Lower Upper
129 100
127 82.0 53.7 99.7

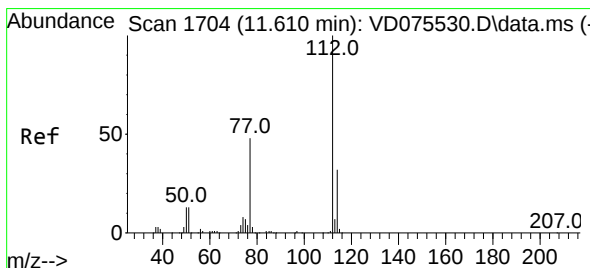
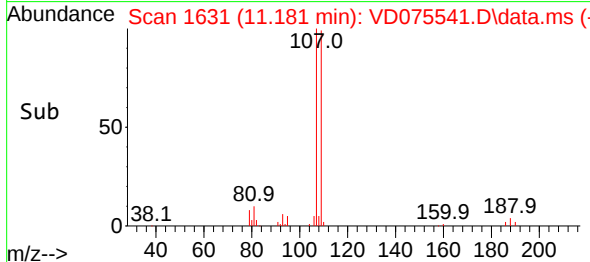
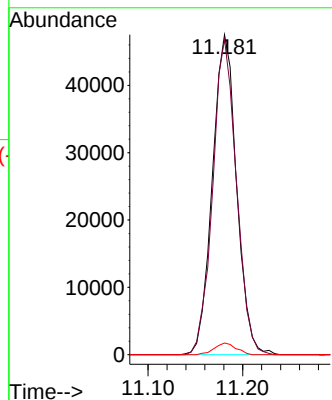
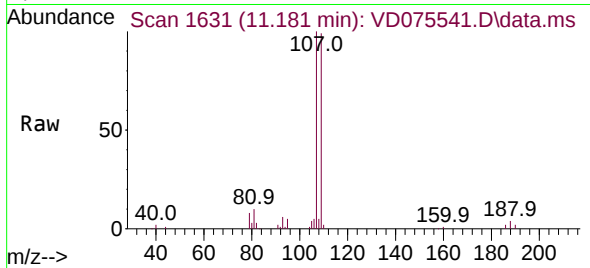




#50
1,2-Dibromoethane
Concen: 26.345 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

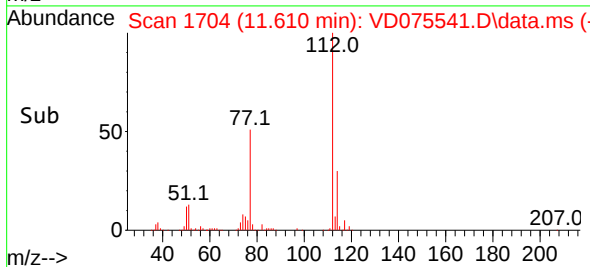
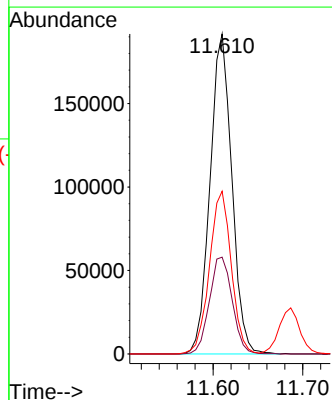
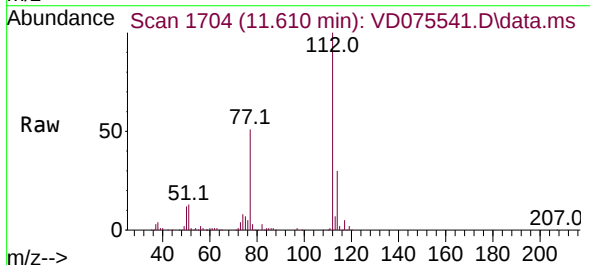
Instrument :
MSVOA_D
ClientSampleId :

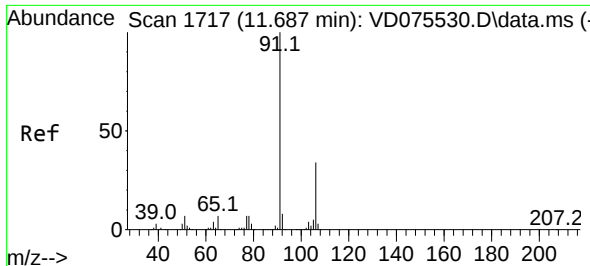
Tgt Ion:107 Resp: 84358
Ion Ratio Lower Upper
107 100
109 98.6 64.2 119.2
188 3.6 2.3 3.5#



#51
Chlorobenzene
Concen: 25.146 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

Tgt Ion:112 Resp: 322944
Ion Ratio Lower Upper
112 100
114 30.2 22.3 41.3
77 50.9 40.2 60.2

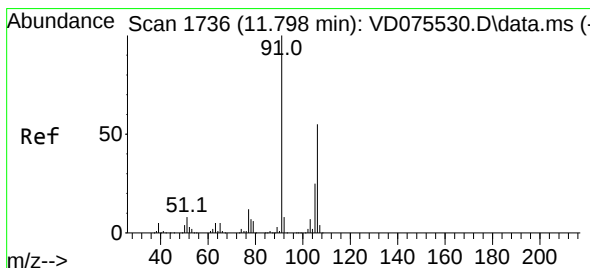
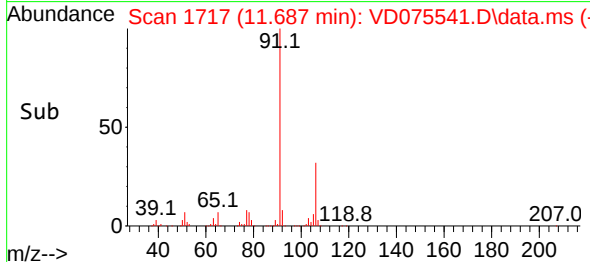
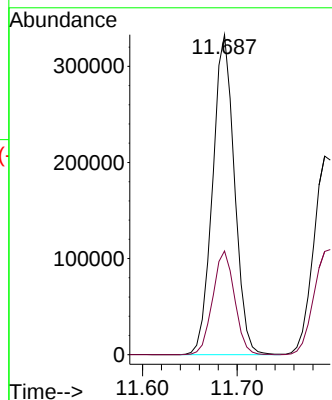
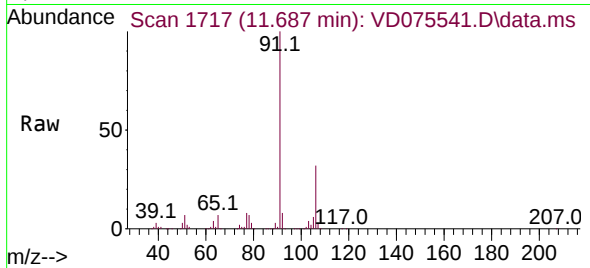




#52
Ethylbenzene
Concen: 25.370 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

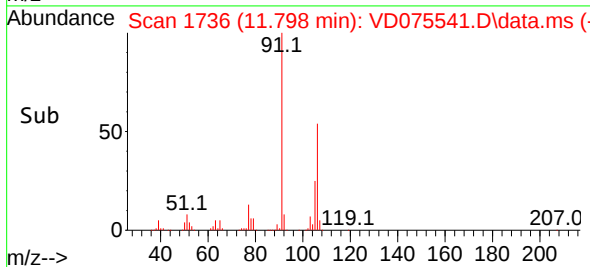
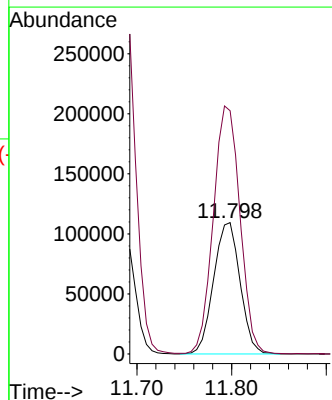
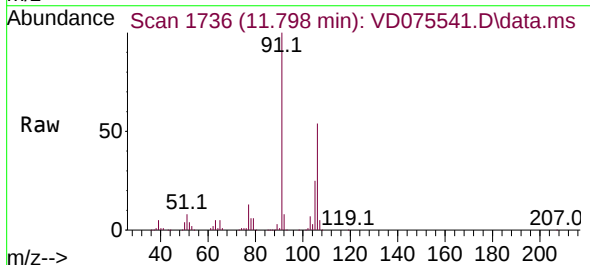
Instrument :
MSVOA_D
ClientSampleId :

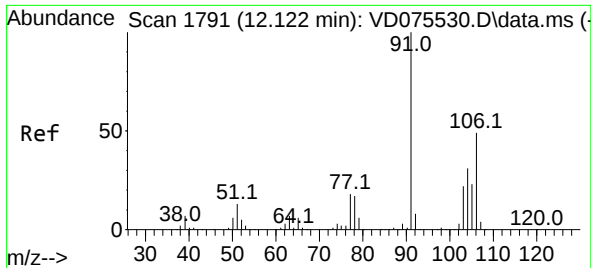
Tgt Ion: 91 Resp: 533084
Ion Ratio Lower Upper
91 100
106 32.4 23.1 42.9



#53
m,p-Xylene
Concen: 25.609 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

Tgt Ion:106 Resp: 212017
Ion Ratio Lower Upper
106 100
91 185.0 134.1 249.1

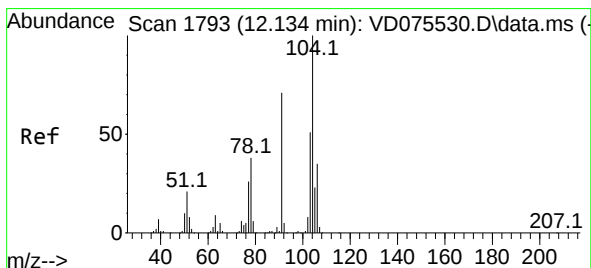
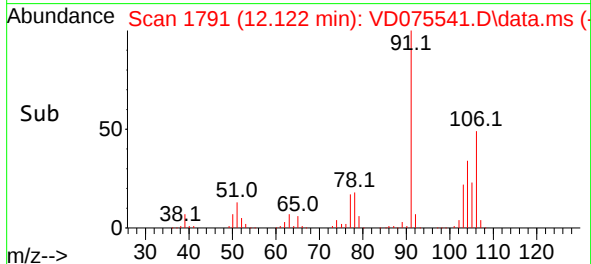
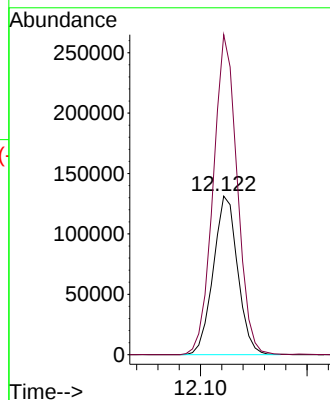
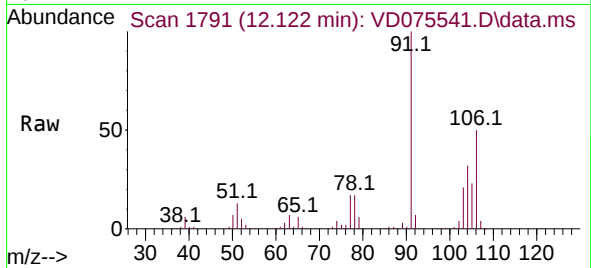




#54
o-Xylene
Concen: 26.622 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

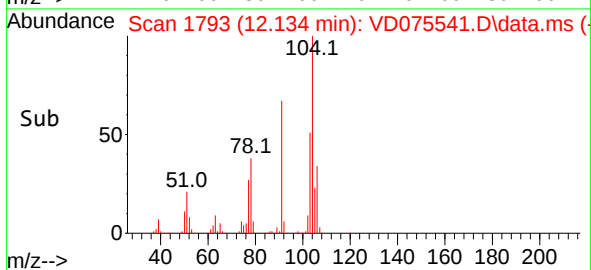
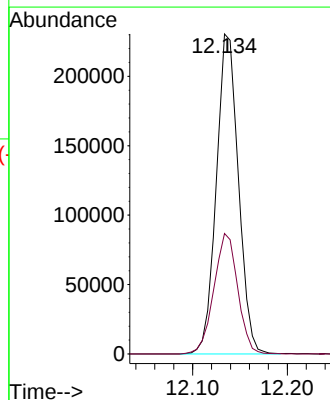
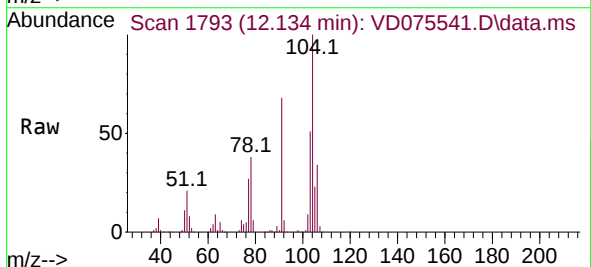
Instrument :
MSVOA_D
ClientSampleId :

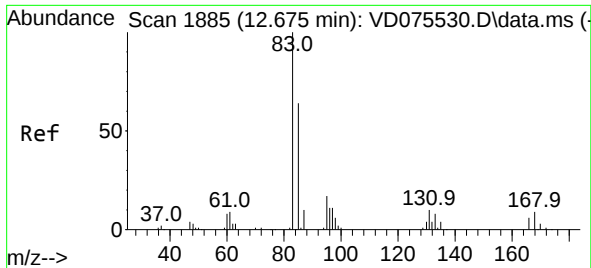
Tgt Ion:106 Resp: 208493
Ion Ratio Lower Upper
106 100
91 201.7 142.3 264.3



#55
Styrene
Concen: 26.903 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

Tgt Ion:104 Resp: 374213
Ion Ratio Lower Upper
104 100
78 37.6 26.0 48.2

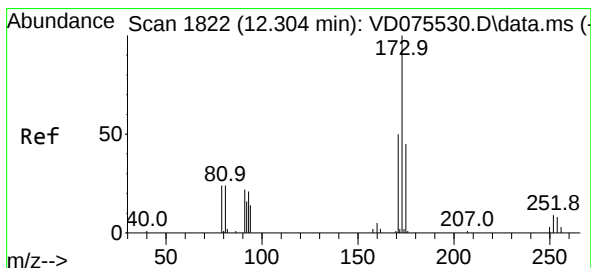
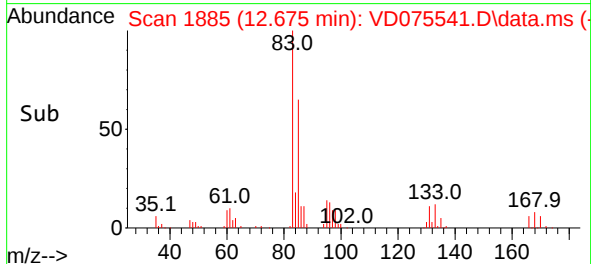
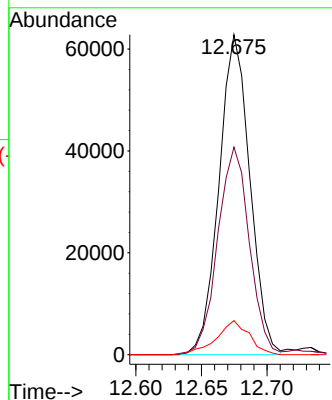
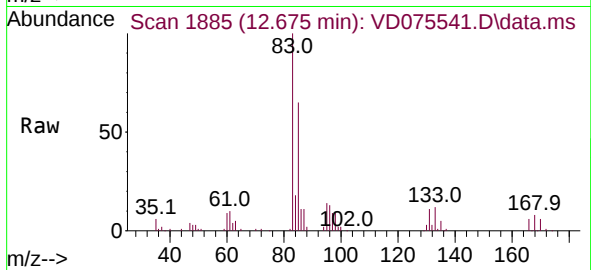




#57
1,1,2,2-Tetrachloroethane
Concen: 26.502 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

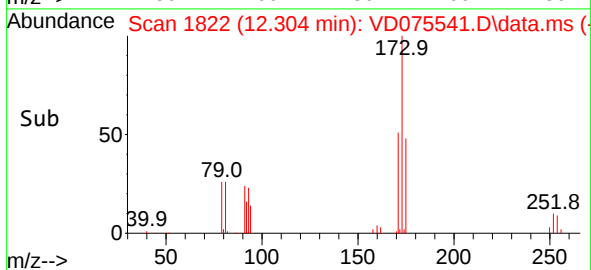
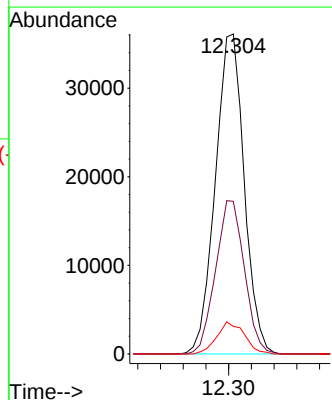
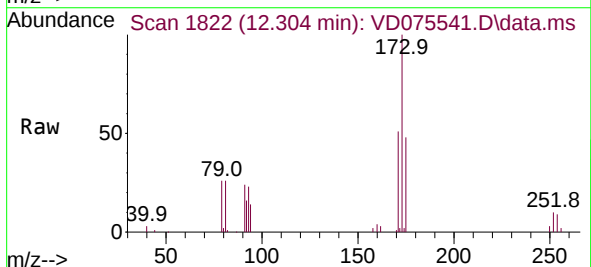
Instrument :
MSVOA_D
ClientSampleId :

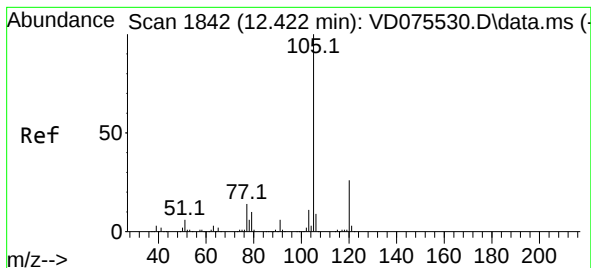
Tgt Ion: 83 Resp: 102749
Ion Ratio Lower Upper
83 100
85 64.8 46.3 85.9
131 10.7 8.1 12.1



#59
Bromoform
Concen: 26.509 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

Tgt Ion:173 Resp: 63724
Ion Ratio Lower Upper
173 100
175 47.8 39.3 58.9
254 9.6 7.3 10.9





#60

Isopropylbenzene

Concen: 24.969 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD075541.D

Acq: 30 Mar 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

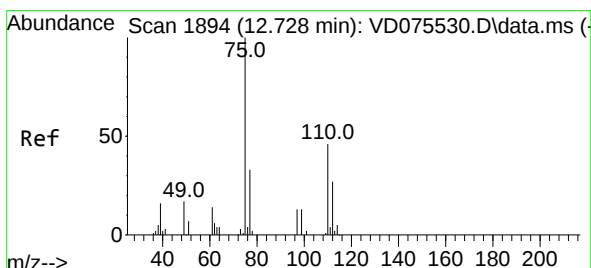
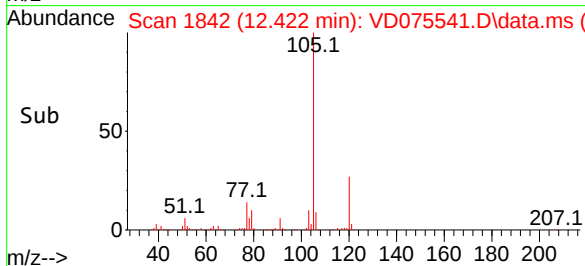
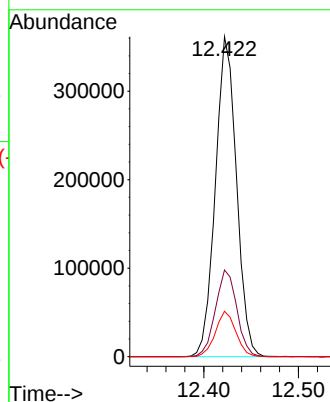
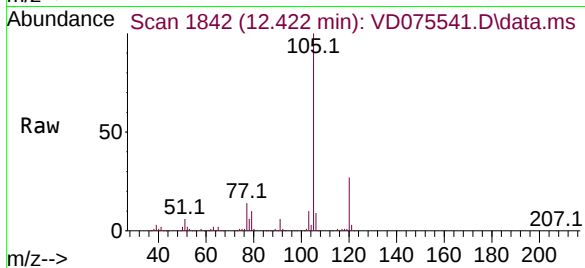
Tgt Ion:105 Resp: 559430

Ion Ratio Lower Upper

105 100

120 27.4 21.8 32.6

77 13.8 11.3 16.9



#61

1,2,3-Trichloropropane

Concen: 24.268 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD075541.D

Acq: 30 Mar 2023 11:04

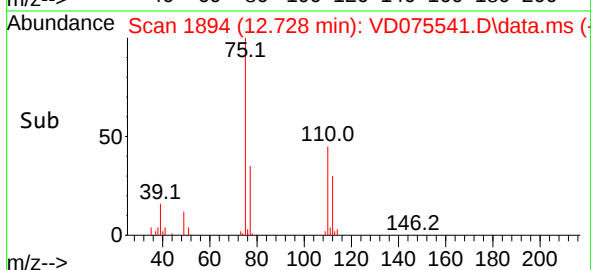
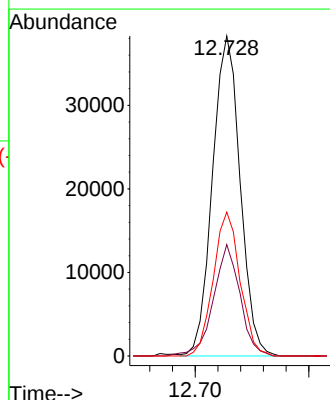
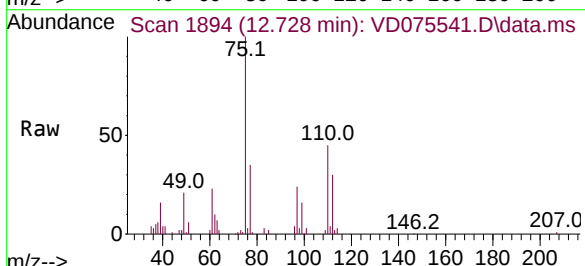
Tgt Ion: 75 Resp: 64807

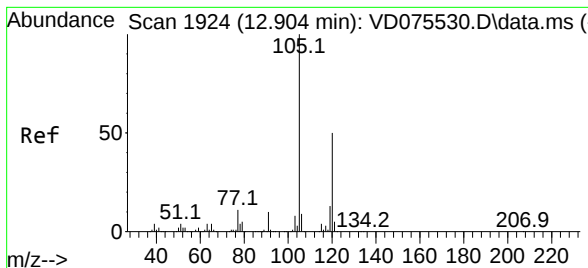
Ion Ratio Lower Upper

75 100

77 33.3 26.2 39.4

110 43.5 33.2 49.8

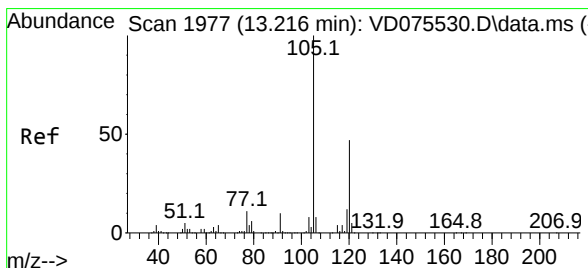
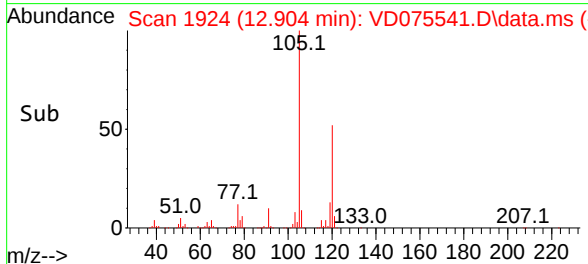
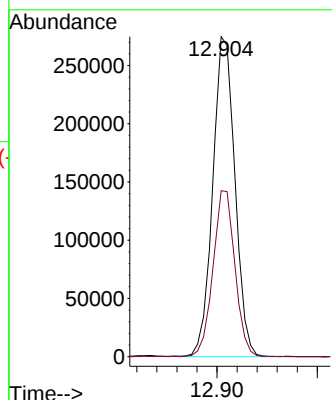
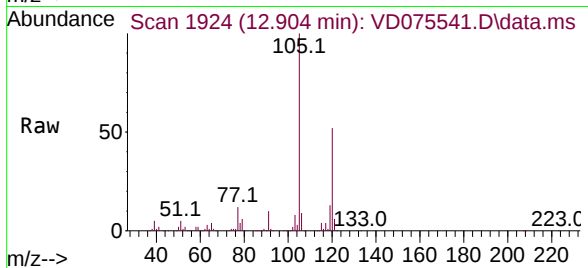




#62
 1,3,5-Trimethylbenzene
 Concen: 25.103 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD075541.D
 Acq: 30 Mar 2023 11:04

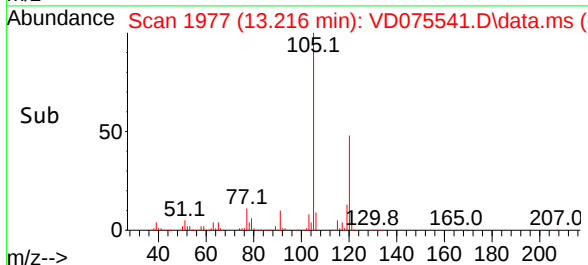
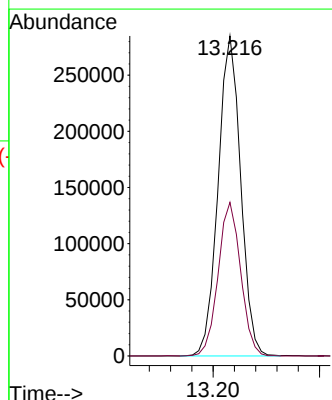
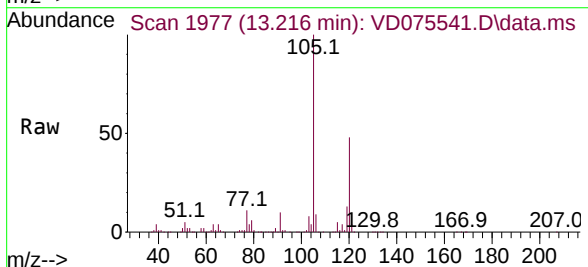
Instrument :
 MSVOA_D
 ClientSampleId :

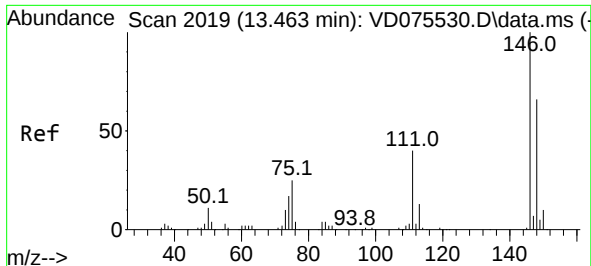
Tgt Ion:105 Resp: 422222
 Ion Ratio Lower Upper
 105 100
 120 51.4 40.6 60.8



#63
 1,2,4-Trimethylbenzene
 Concen: 25.447 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. -0.000 min
 Lab File: VD075541.D
 Acq: 30 Mar 2023 11:04

Tgt Ion:105 Resp: 418504
 Ion Ratio Lower Upper
 105 100
 120 47.8 38.2 57.2

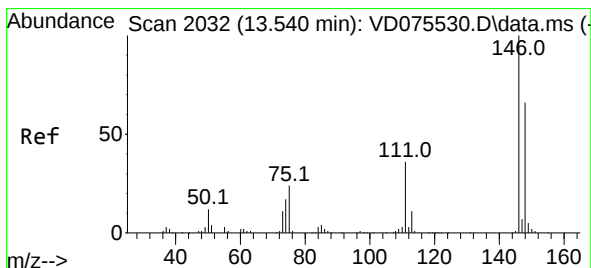
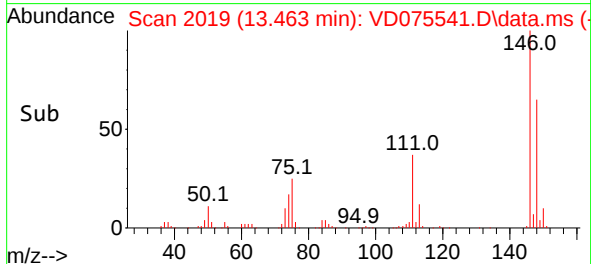
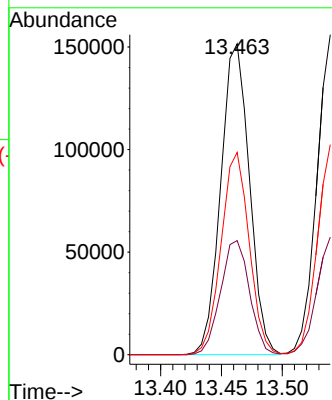
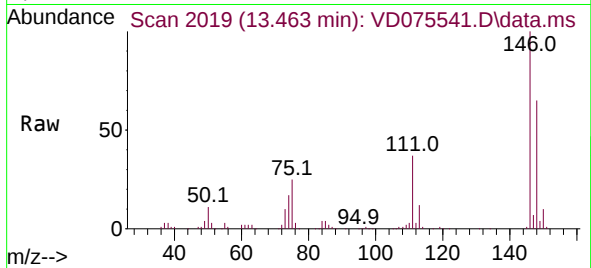




#64
1,3-Dichlorobenzene
Concen: 25.086 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

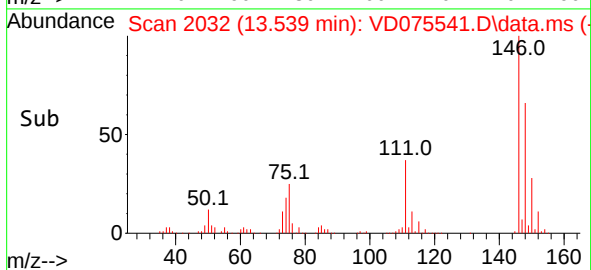
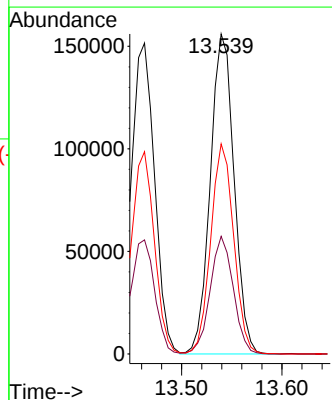
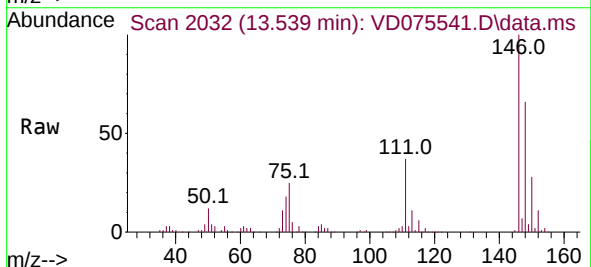
Instrument :
MSVOA_D
ClientSampleId :

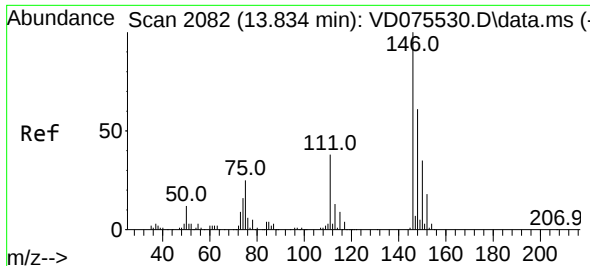
Tgt Ion:146 Resp: 248637
Ion Ratio Lower Upper
146 100
111 36.7 26.0 48.2
148 65.1 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 25.219 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.001 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

Tgt Ion:146 Resp: 257119
Ion Ratio Lower Upper
146 100
111 36.8 24.8 46.1
148 65.7 45.6 84.6

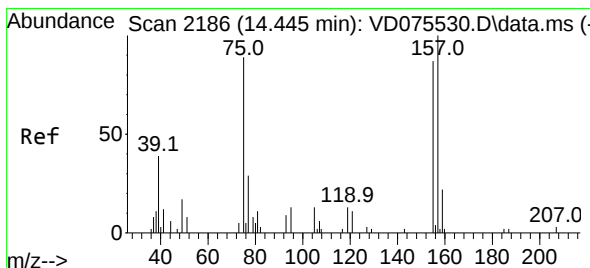
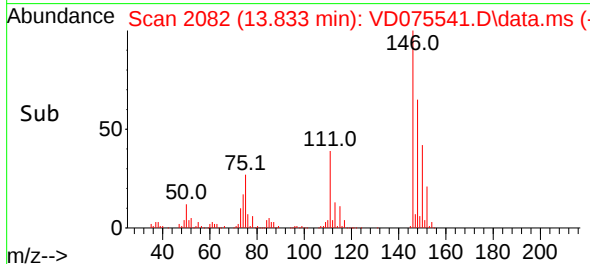
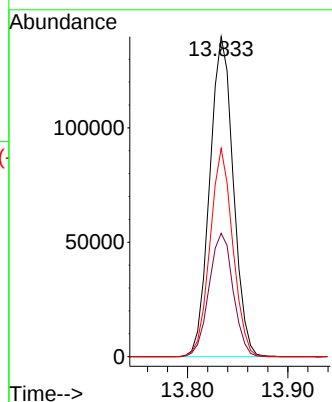
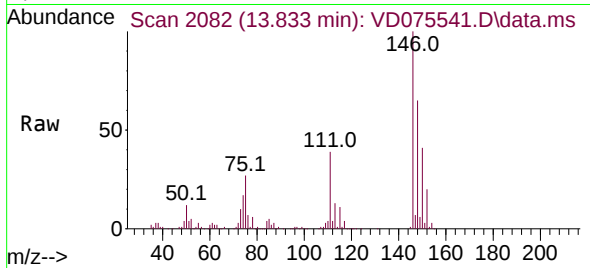




#67
1,2-Dichlorobenzene
Concen: 25.805 ug/L
RT: 13.833 min Scan# 2082
Delta R.T. -0.001 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

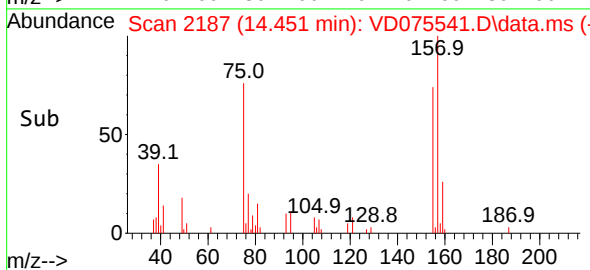
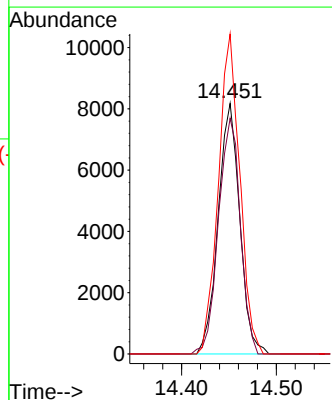
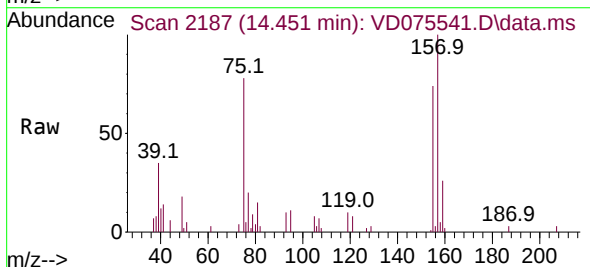
Instrument :
MSVOA_D
ClientSampleId :

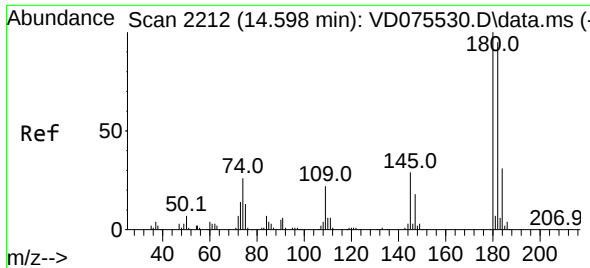
Tgt Ion:146 Resp: 227885
Ion Ratio Lower Upper
146 100
111 38.6 31.0 46.6
148 65.1 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 25.004 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

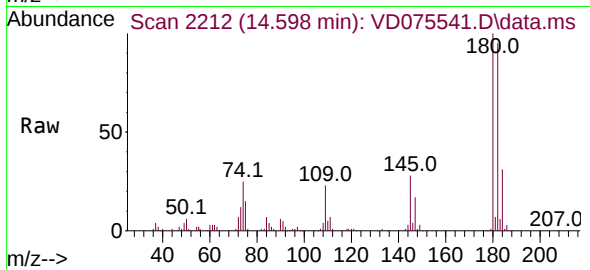
Tgt Ion: 75 Resp: 12967
Ion Ratio Lower Upper
75 100
155 94.0 71.3 106.9
157 127.7 85.8 128.6



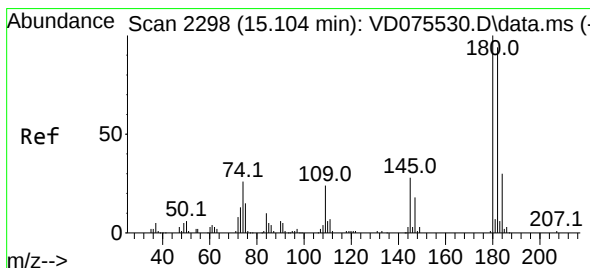
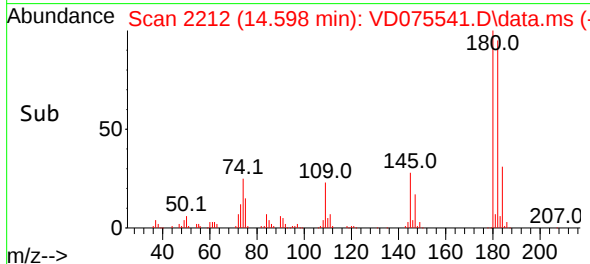
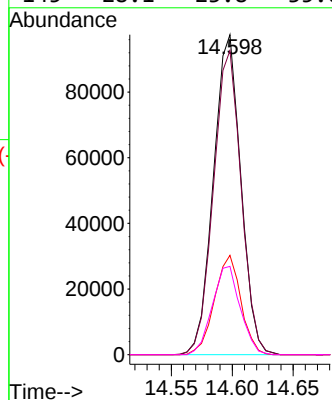


#69
 1,3,5-Trichlorobenzene
 Concen: 24.594 ug/L
 RT: 14.598 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD075541.D
 Acq: 30 Mar 2023 11:04

Instrument :
 MSVOA_D
 ClientSampleId :

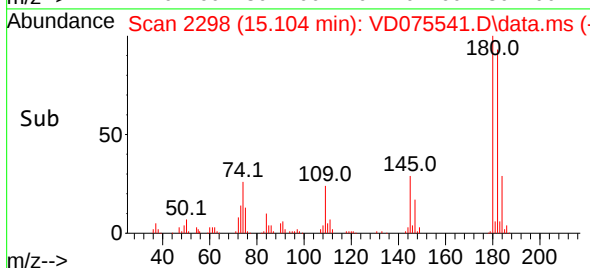
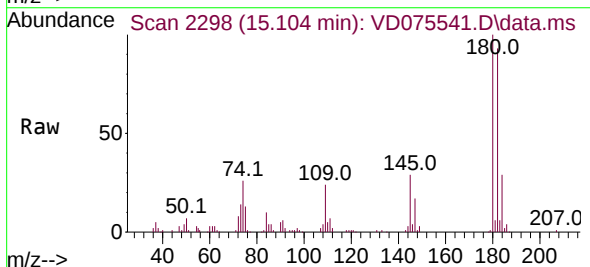
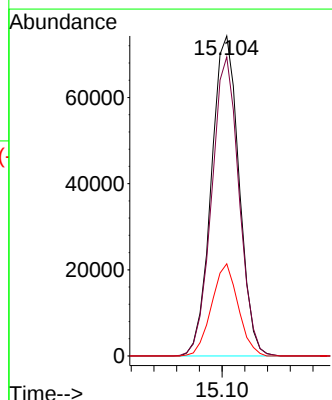


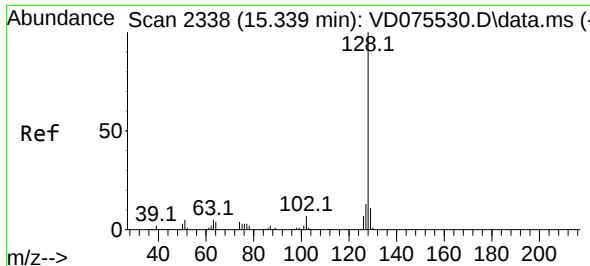
Tgt Ion:180 Resp: 152857
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.5 114.7
 184 30.0 23.6 35.4
 145 28.1 23.8 35.6



#70
 1,2,4-trichlorobenzene
 Concen: 25.157 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.000 min
 Lab File: VD075541.D
 Acq: 30 Mar 2023 11:04

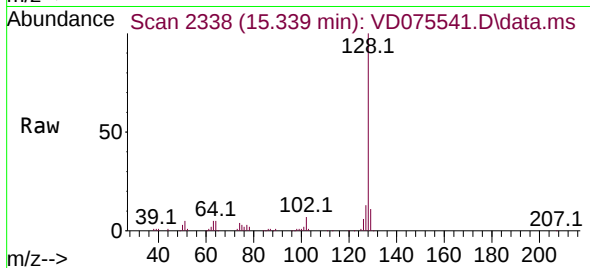
Tgt Ion:180 Resp: 125714
 Ion Ratio Lower Upper
 180 100
 182 92.1 74.3 111.5
 145 27.7 23.0 34.6



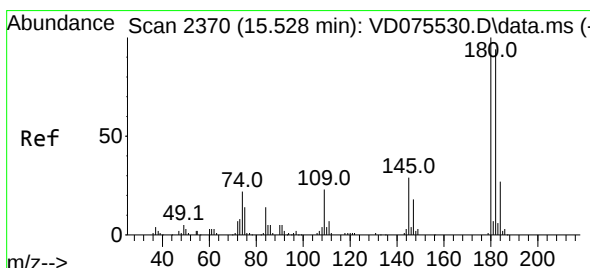
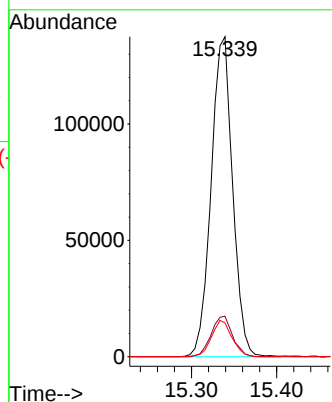
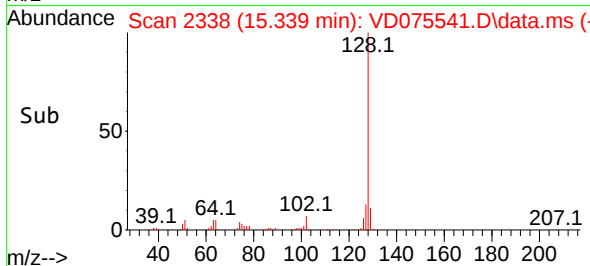


#71
Naphthalene
Concen: 24.343 ug/L
RT: 15.339 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04

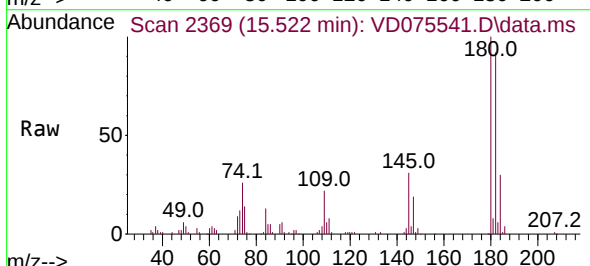
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	128	Resp:	241270
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.1	15.1
129	10.8	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 25.959 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD075541.D
Acq: 30 Mar 2023 11:04



Tgt Ion:	180	Resp:	114343
Ion Ratio	Lower	Upper	
180	100		
182	93.3	75.3	112.9
145	31.6	25.1	37.7

