

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040423\
 Data File : VD075572.D
 Acq On : 04 Apr 2023 17:56
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 04 23:38:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 01 00:08:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	330375	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	301659	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	150996	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	214395	27.872	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 111.480%	
7) Chloroethane-d5	2.805	69	199309	29.118	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 116.480%	
11) 1,1-Dichloroethene-d2	3.922	63	163668	26.379	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 105.520%	
21) 2-Butanone-d5	6.987	46	32161	64.203	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 128.400%	
24) Chloroform-d	7.569	84	214288	27.511	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 110.040%	
26) 1,2-Dichloroethane-d4	8.234	65	93541	27.099	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 108.400%	
32) Benzene-d6	8.199	84	455608	25.834	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 103.320%	
36) 1,2-Dichloropropane-d6	9.210	67	122965	26.163	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 104.640%	
41) Toluene-d8	10.269	98	427788	25.869	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 103.480%	
43) trans-1,3-Dichloroprop...	10.528	79	52291	26.689	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 106.760%	
47) 2-Hexanone-d5	10.875	63	30986	55.714	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 111.420%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	104481	29.674	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 118.680%	
66) 1,2-Dichlorobenzene-d4	13.816	152	130556	25.206	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 100.840%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	70838	22.879	ug/L	98
3) Chloromethane	2.146	50	102824	25.378	ug/L	99
5) Vinyl chloride	2.281	62	154963	24.540	ug/L	100
6) Bromomethane	2.699	94	103093	23.928	ug/L	98
8) Chloroethane	2.840	64	110440	25.105	ug/L	100
9) Trichlorofluoromethane	3.175	101	134003	24.406	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	98199	25.746	ug/L	98
12) 1,1-Dichloroethene	3.946	96	77898	24.722	ug/L	92
13) Acetone	4.022	43	30089	57.273	ug/L	100
14) Carbon disulfide	4.275	76	169851	22.531	ug/L	100
15) Methyl Acetate	4.569	43	25946	29.471	ug/L	100
16) Methylene chloride	4.805	84	107588	23.691	ug/L	99
17) trans-1,2-Dichloroethene	5.311	96	84414	25.235	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	180296	28.347	ug/L #	93
19) 1,1-Dichloroethane	6.111	63	151901	26.491	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	104547	26.616	ug/L	91
22) 2-Butanone	7.081	43	37009	59.139	ug/L	94
23) Bromochloromethane	7.428	128	50054	27.026	ug/L	96
25) Chloroform	7.599	83	181023	26.356	ug/L	99

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 Response via : Initial Calibration

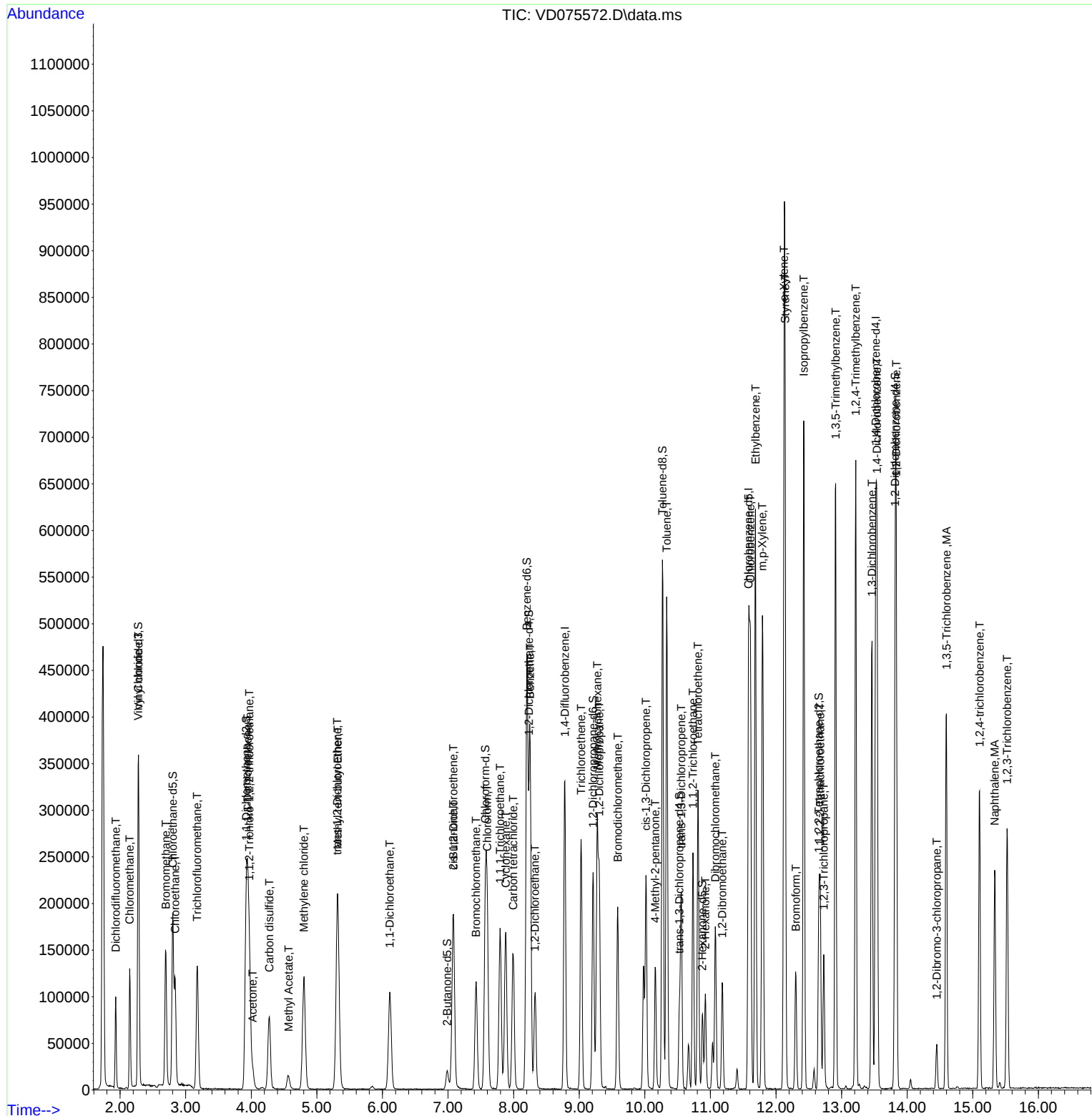
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	94993	26.758	ug/L	97
29) Cyclohexane	7.881	56	86612	23.528	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	147811	24.873	ug/L	97
31) Carbon tetrachloride	7.993	117	114975	23.967	ug/L	99
33) Benzene	8.252	78	370871	23.892	ug/L	100
34) Trichloroethene	9.028	95	97001	22.305	ug/L	98
35) Methylcyclohexane	9.275	83	128692	22.624	ug/L	98
37) 1,2-Dichloropropane	9.304	63	93138	25.503	ug/L	99
38) Bromodichloromethane	9.587	83	135400	26.032	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	148640	25.670	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	76470	55.865	ug/L	99
42) Toluene	10.334	91	428284	24.833	ug/L	98
44) trans-1,3-Dichloropropene	10.557	75	126349	25.665	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	86386	25.777	ug/L	98
46) Tetrachloroethene	10.810	164	75614	22.201	ug/L	98
48) 2-Hexanone	10.922	43	55155	59.788	ug/L	99
49) Dibromochloromethane	11.075	129	97668	26.918	ug/L	91
50) 1,2-Dibromoethane	11.181	107	76631	26.098	ug/L	95
51) Chlorobenzene	11.610	112	287228	24.728	ug/L	94
52) Ethylbenzene	11.687	91	463415	25.552	ug/L	100
53) m,p-Xylene	11.793	106	181364	25.503	ug/L	91
54) o-Xylene	12.122	106	178883	26.416	ug/L	96
55) Styrene	12.140	104	331645	27.485	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	96012	27.760	ug/L	99
59) Bromoform	12.304	173	57538	24.639	ug/L	98
60) Isopropylbenzene	12.422	105	480525	24.103	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	60355	25.254	ug/L	98
62) 1,3,5-Trimethylbenzene	12.910	105	361789	24.058	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	360180	25.047	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	219771	24.344	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	227997	24.213	ug/L	100
67) 1,2-Dichlorobenzene	13.834	146	201380	24.630	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.451	75	12265	25.484	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.598	180	134481	24.156	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	108023	23.968	ug/L	97
71) Naphthalene	15.334	128	216022	25.924	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	99916	24.749	ug/L	97

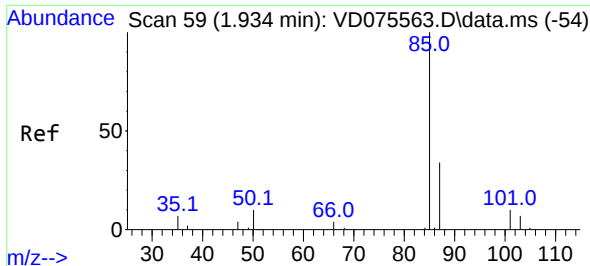
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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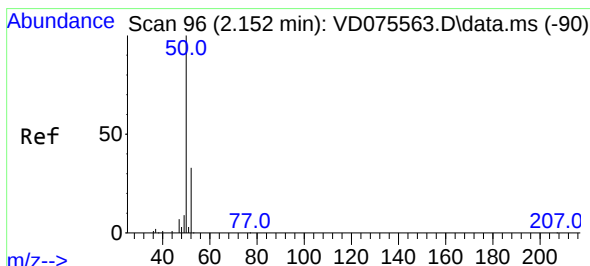
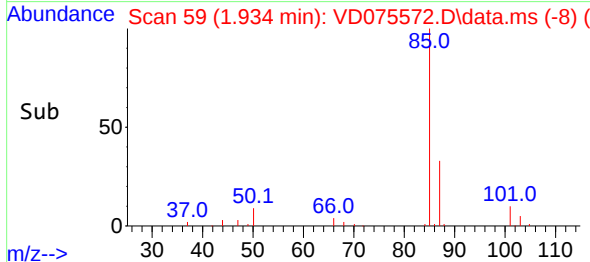
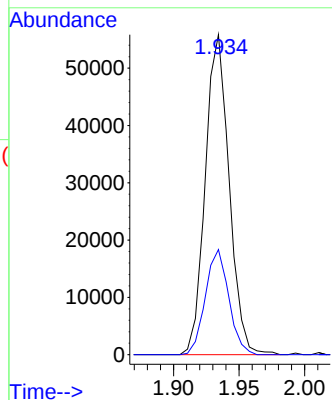
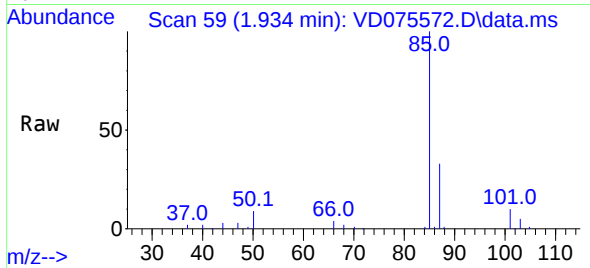




#2
Dichlorodifluoromethane
Concen: 22.879 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

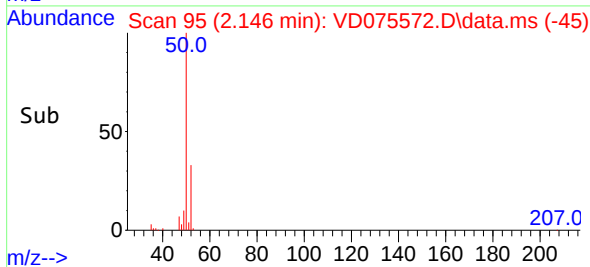
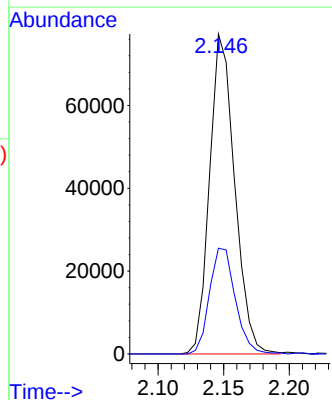
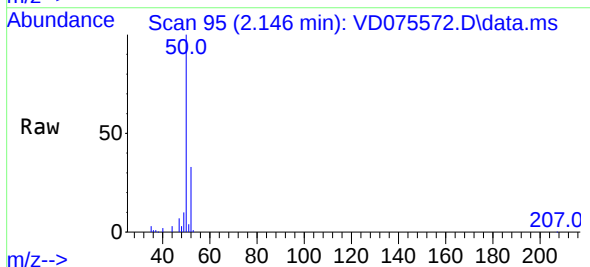
Instrument :
MSVOA_D
ClientSampleId :

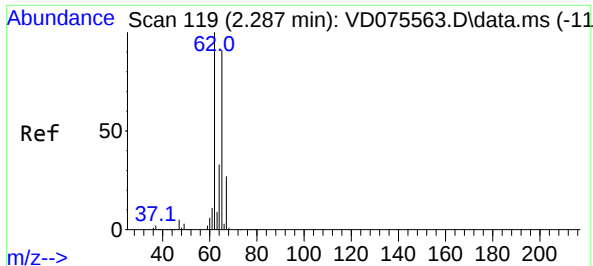
Tgt Ion: 85 Resp: 70838
Ion Ratio Lower Upper
85 100
87 32.2 25.0 37.4



#3
Chloromethane
Concen: 25.378 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.006 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

Tgt Ion: 50 Resp: 102824
Ion Ratio Lower Upper
50 100
52 33.0 22.7 42.1

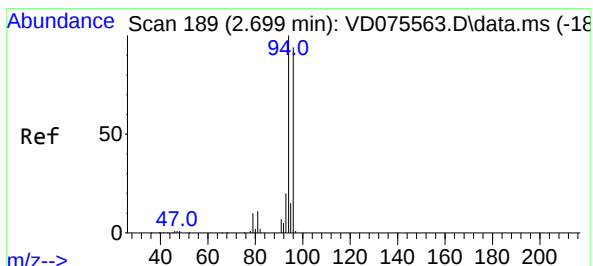
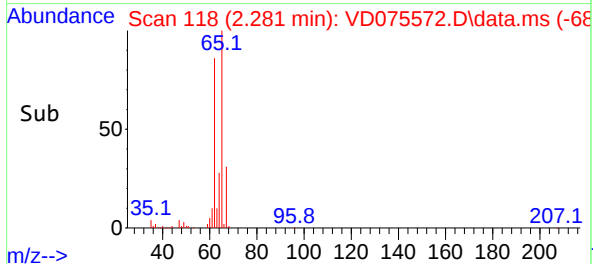
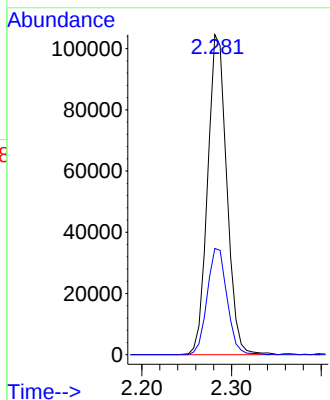
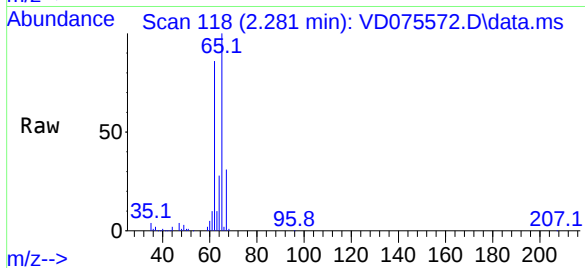




#5
 Vinyl chloride
 Concen: 24.540 ug/L
 RT: 2.281 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD075572.D
 Acq: 04 Apr 2023 17:56

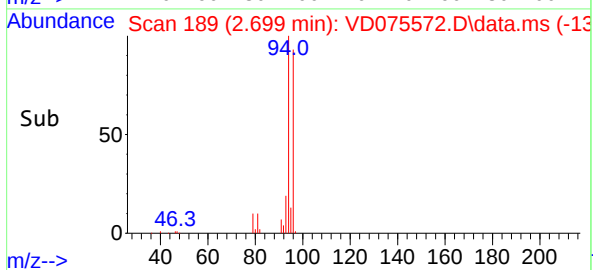
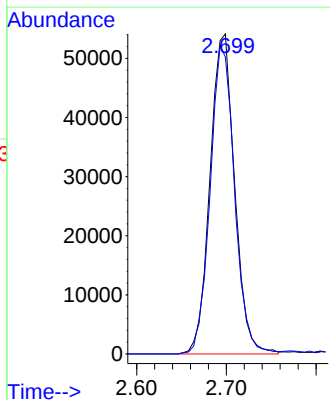
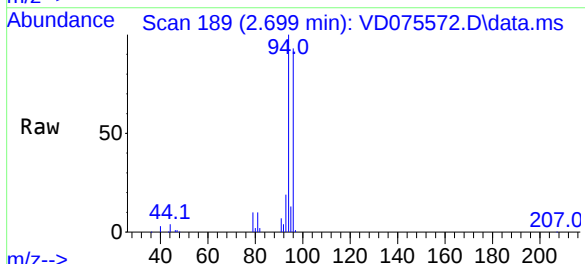
Instrument :
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 ClientSampleId :

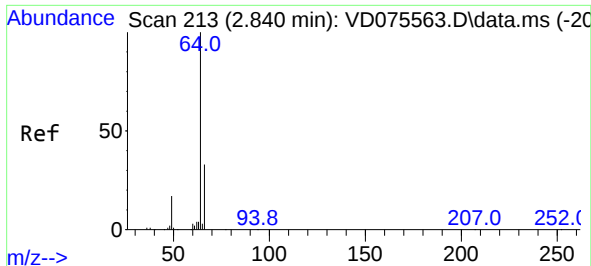
Tgt Ion: 62 Resp: 154963
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.1 42.9



#6
 Bromomethane
 Concen: 23.928 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.000 min
 Lab File: VD075572.D
 Acq: 04 Apr 2023 17:56

Tgt Ion: 94 Resp: 103093
 Ion Ratio Lower Upper
 94 100
 96 92.8 66.1 122.7

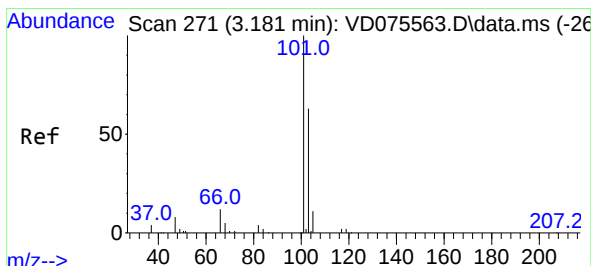
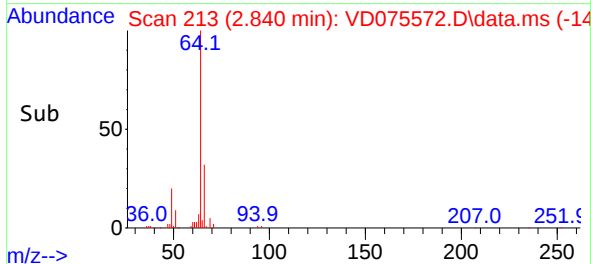
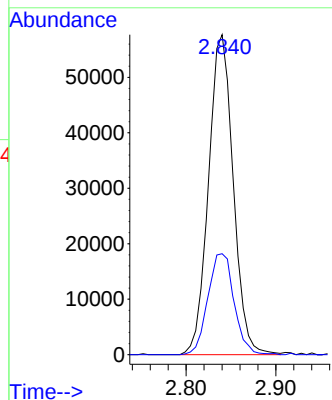
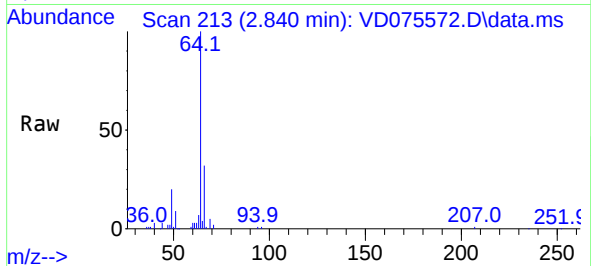




#8
Chloroethane
Concen: 25.105 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

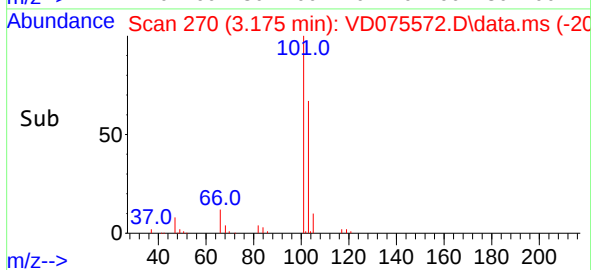
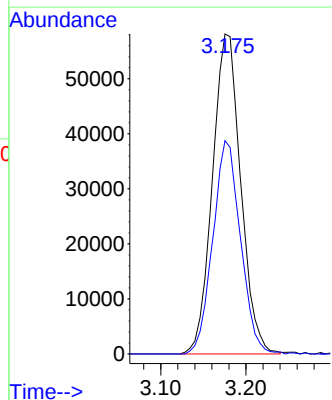
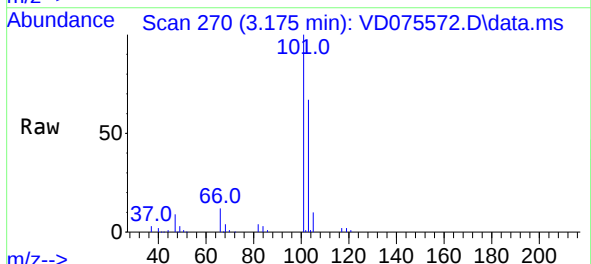
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ClientSampleId :

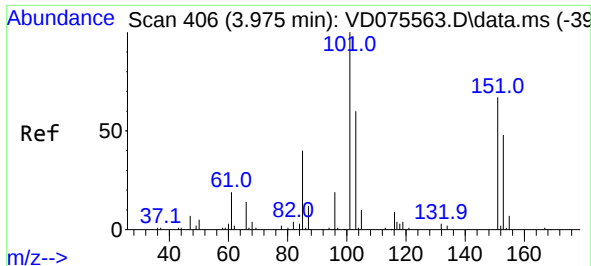
Tgt Ion: 64 Resp: 110440
Ion Ratio Lower Upper
64 100
66 31.5 22.0 41.0



#9
Trichlorofluoromethane
Concen: 24.406 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

Tgt Ion:101 Resp: 134003
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3

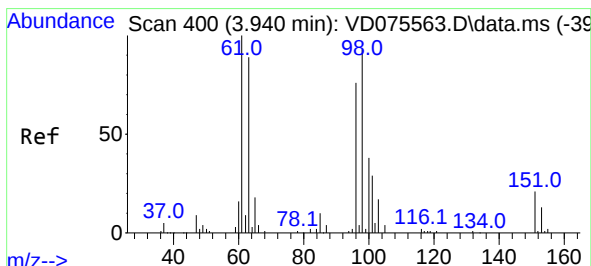
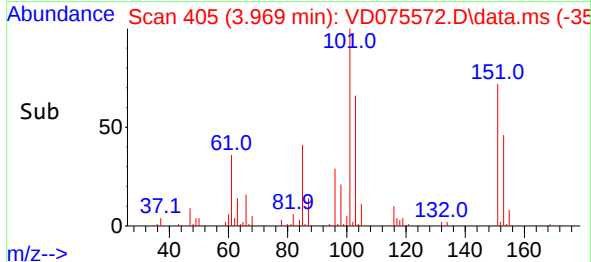
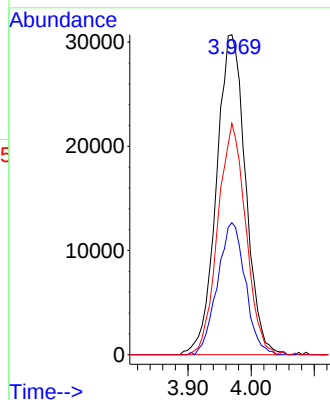
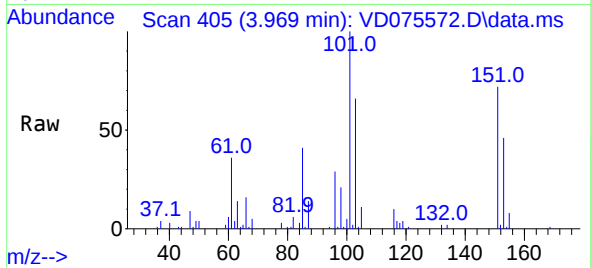




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.746 ug/L
RT: 3.969 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

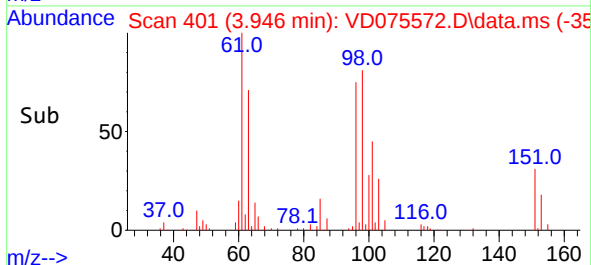
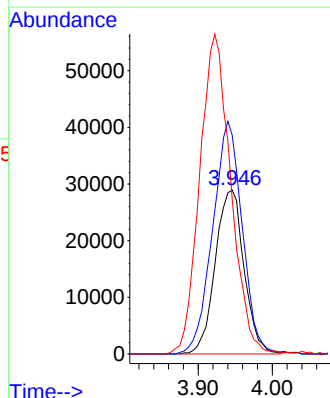
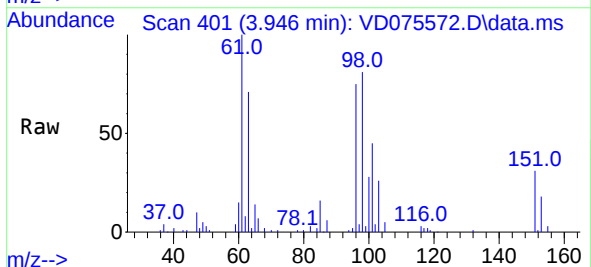
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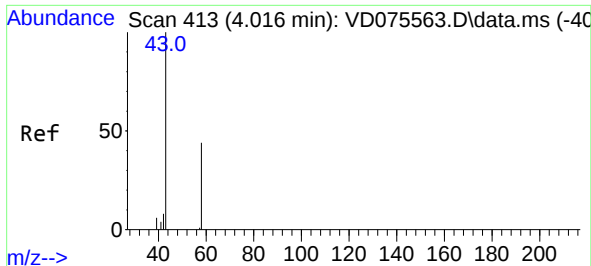
Tgt Ion:101 Resp: 98199
Ion Ratio Lower Upper
101 100
85 39.5 33.4 50.0
151 69.3 55.8 83.8



#12
1,1-Dichloroethene
Concen: 24.722 ug/L
RT: 3.946 min Scan# 401
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

Tgt Ion: 96 Resp: 77898
Ion Ratio Lower Upper
96 100
61 133.4 96.7 179.7
63 94.5 76.0 141.2





#13

Acetone

Concen: 57.273 ug/L

RT: 4.022 min Scan# 413

Delta R.T. 0.006 min

Lab File: VD075572.D

Acq: 04 Apr 2023 17:56

Instrument :

MSVOA_D

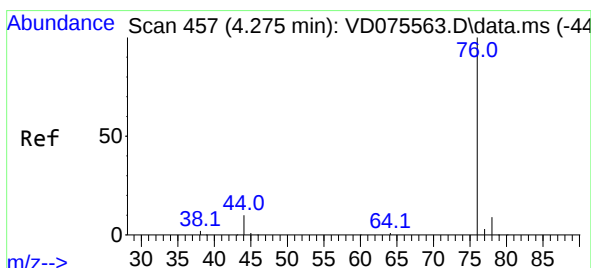
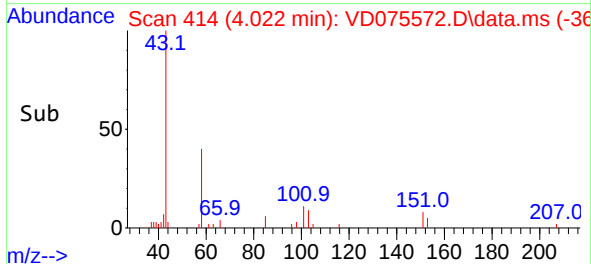
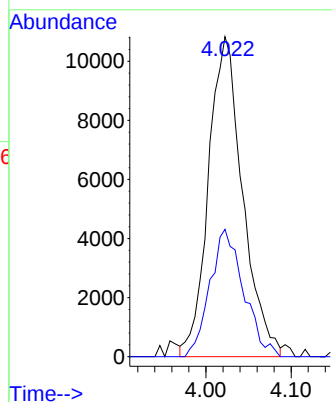
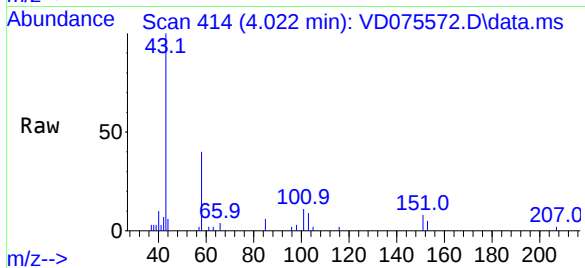
ClientSampleId :

Tgt Ion: 43 Resp: 30089

Ion Ratio Lower Upper

43 100

58 38.6 0.0 77.4



#14

Carbon disulfide

Concen: 22.531 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.000 min

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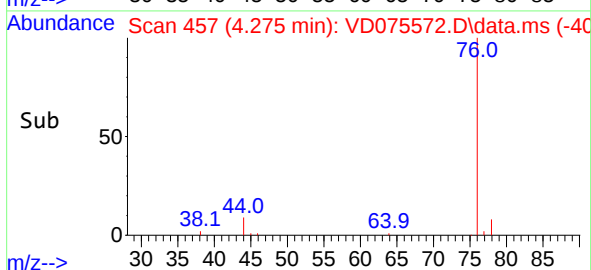
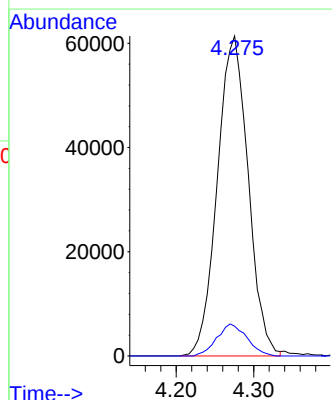
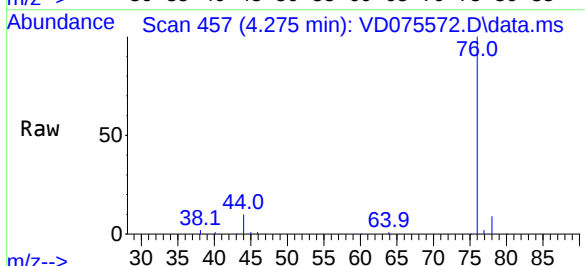
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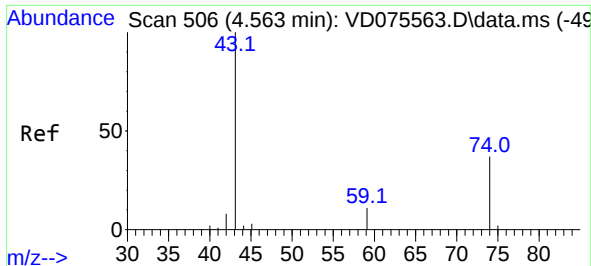
Tgt Ion: 76 Resp: 169851

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

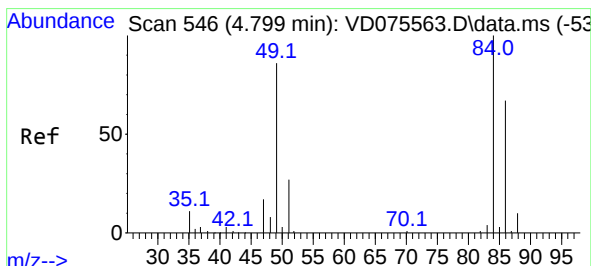
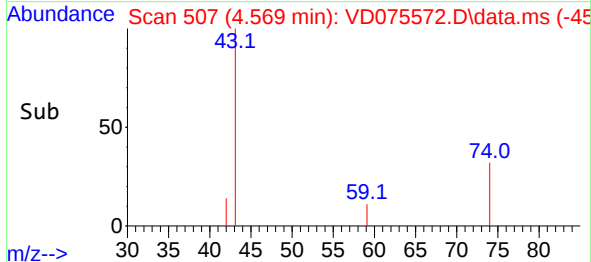
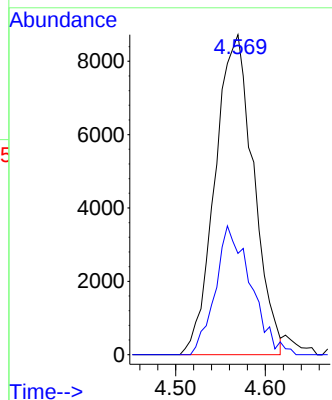
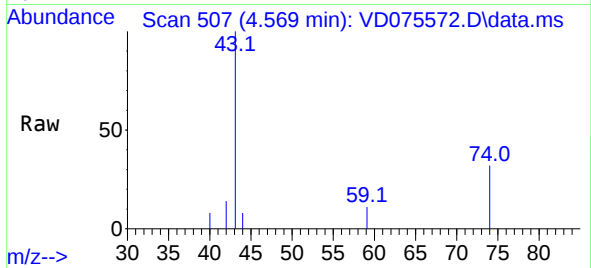




#15
Methyl Acetate
Concen: 29.471 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.012 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

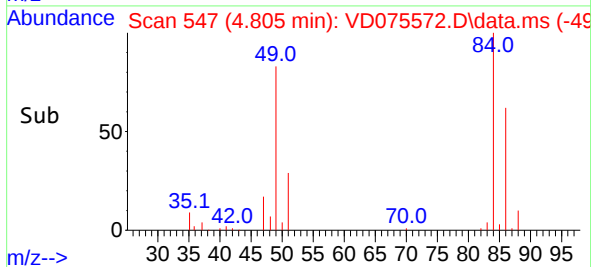
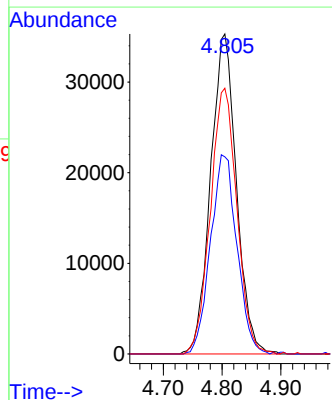
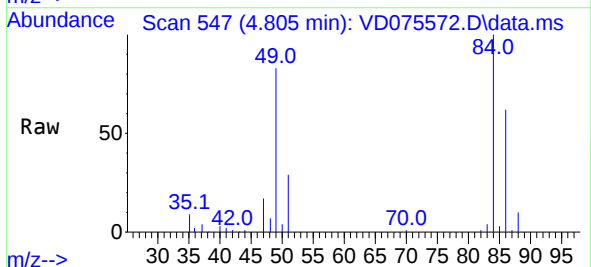
Instrument :
MSVOA_D
ClientSampleId :

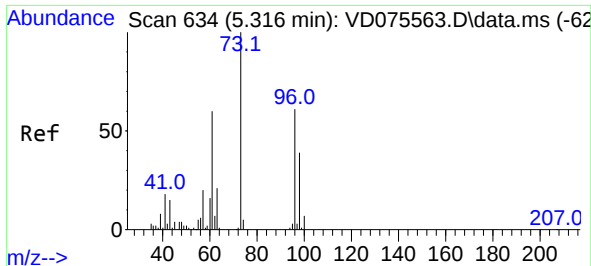
Tgt Ion: 43 Resp: 25946
Ion Ratio Lower Upper
43 100
74 36.3 29.0 43.4



#16
Methylene chloride
Concen: 23.691 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

Tgt Ion: 84 Resp: 107588
Ion Ratio Lower Upper
84 100
86 61.6 44.4 82.4
49 83.1 58.5 108.7

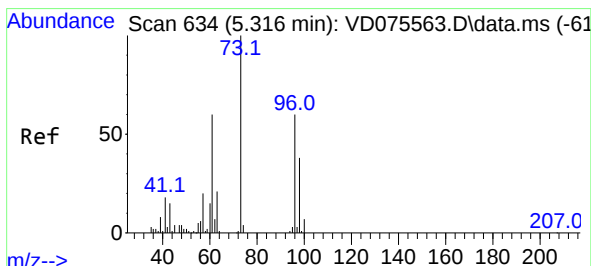
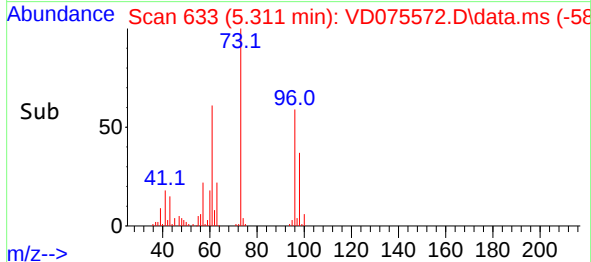
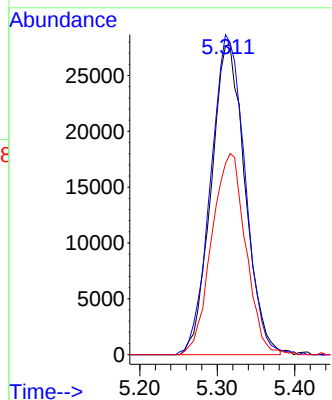
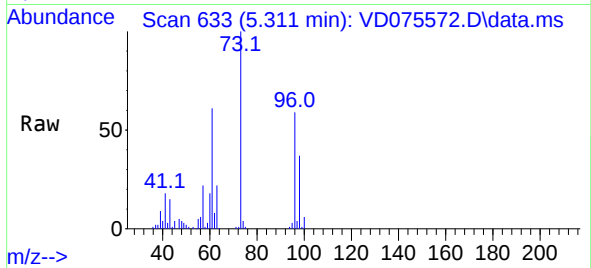




#17
trans-1,2-Dichloroethene
Concen: 25.235 ug/L
RT: 5.311 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

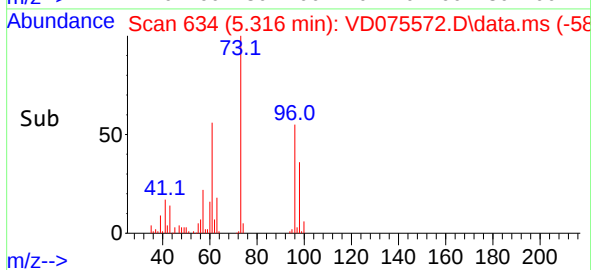
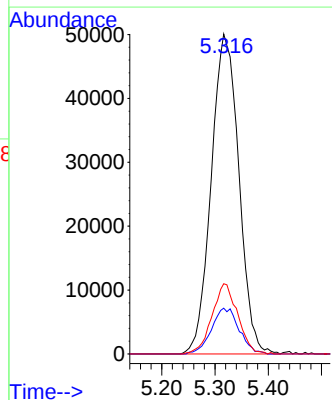
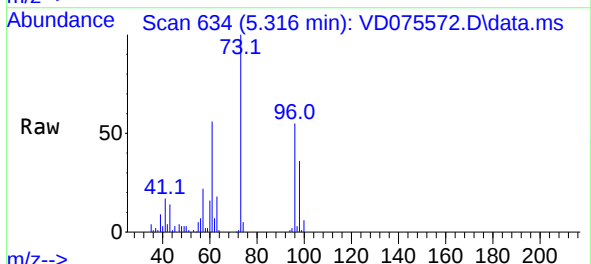
Instrument :
MSVOA_D
ClientSampleId :

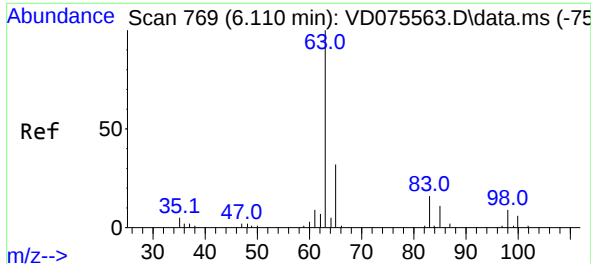
Tgt Ion: 96 Resp: 84414
Ion Ratio Lower Upper
96 100
61 103.6 75.4 140.0
98 61.8 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 28.347 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

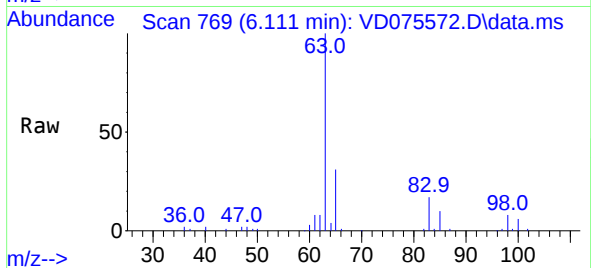
Tgt Ion: 73 Resp: 180296
Ion Ratio Lower Upper
73 100
43 8.5 11.4 17.0#
57 20.4 15.8 23.6



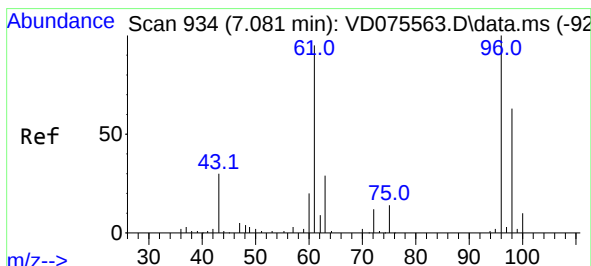
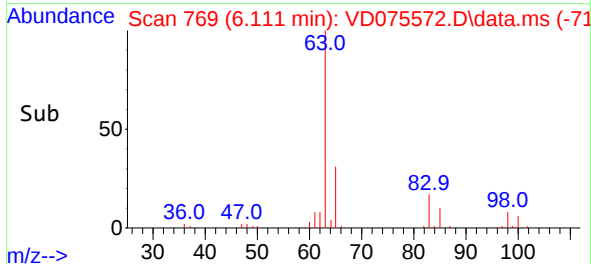
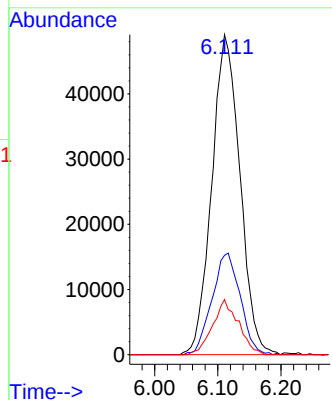


#19
1,1-Dichloroethane
Concen: 26.491 ug/L
RT: 6.111 min Scan# 769
Delta R.T. -0.006 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

Instrument :
MSVOA_D
ClientSampleId :

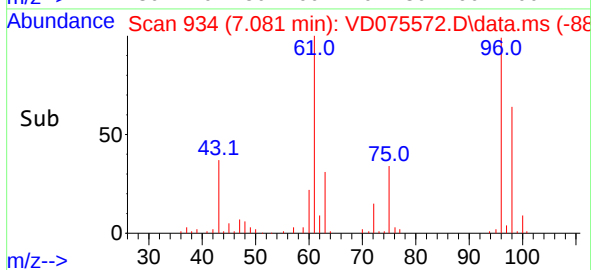
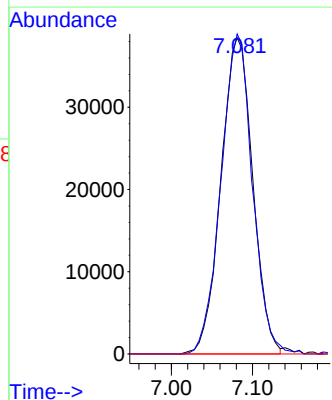
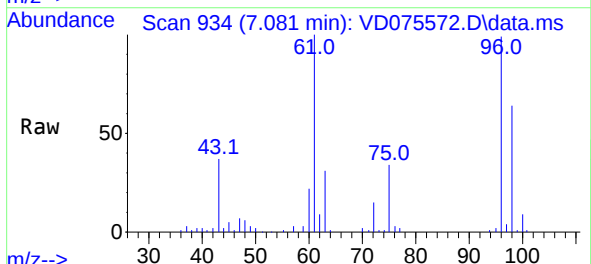


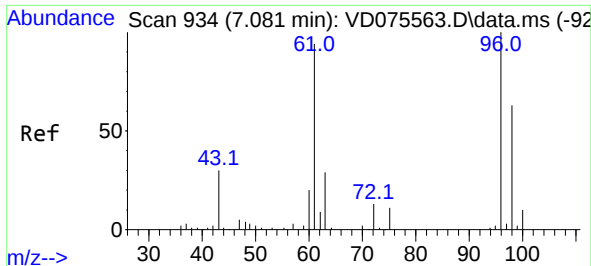
Tgt Ion: 63 Resp: 151901
Ion Ratio Lower Upper
63 100
65 31.0 23.1 42.9
83 17.3 11.2 20.8



#20
cis-1,2-Dichloroethene
Concen: 26.616 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.006 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

Tgt Ion: 96 Resp: 104547
Ion Ratio Lower Upper
96 100
61 101.1 64.8 120.4
68 0.0 0.0 0.0

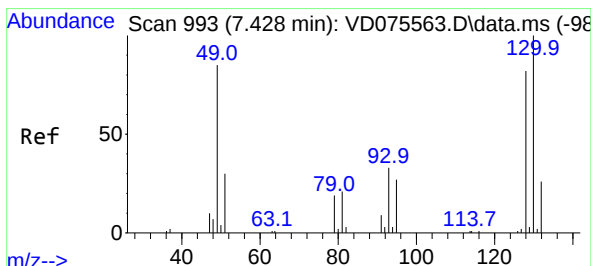
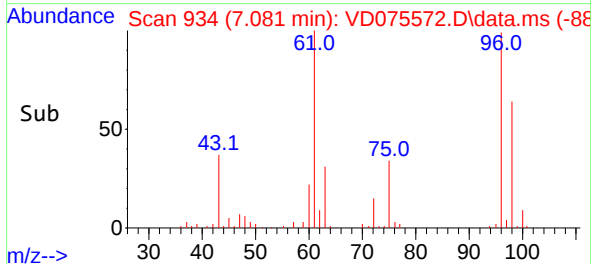
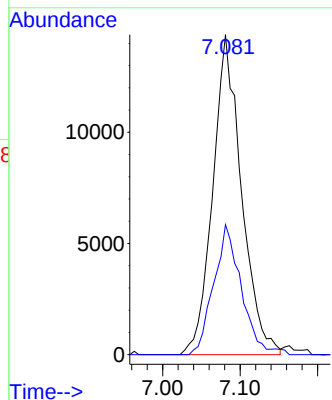
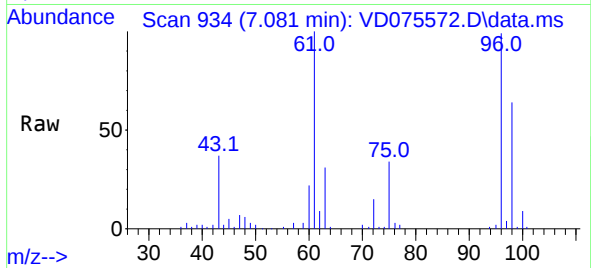




#22
2-Butanone
Concen: 59.139 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

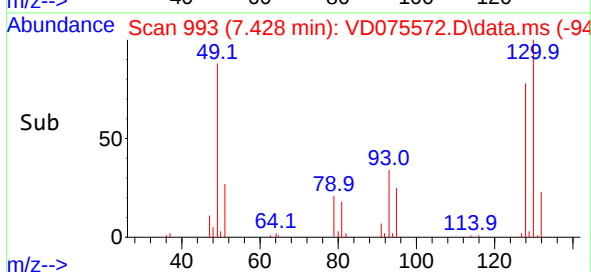
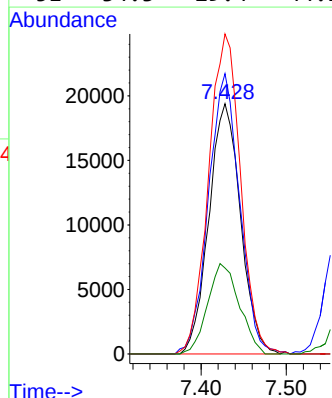
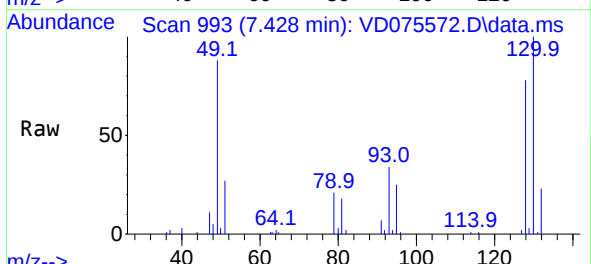
Instrument :
MSVOA_D
ClientSampleId :

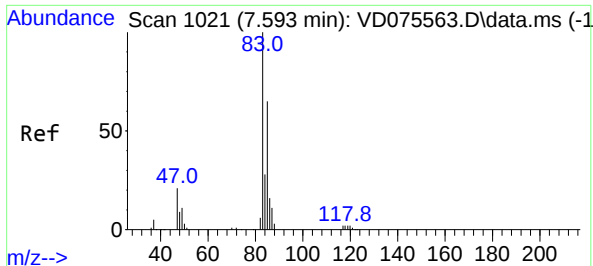
Tgt Ion: 43 Resp: 37009
Ion Ratio Lower Upper
43 100
72 38.5 21.3 63.9



#23
Bromochloromethane
Concen: 27.026 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

Tgt Ion:128 Resp: 50054
Ion Ratio Lower Upper
128 100
49 112.0 75.0 139.4
130 127.8 87.4 162.2
51 34.3 29.4 44.2





#25

Chloroform

Concen: 26.356 ug/L

RT: 7.599 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD075572.D

Acq: 04 Apr 2023 17:56

Instrument :

MSVOA_D

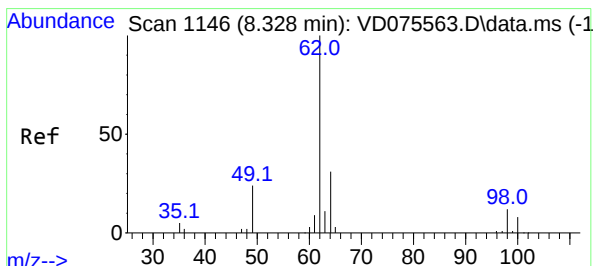
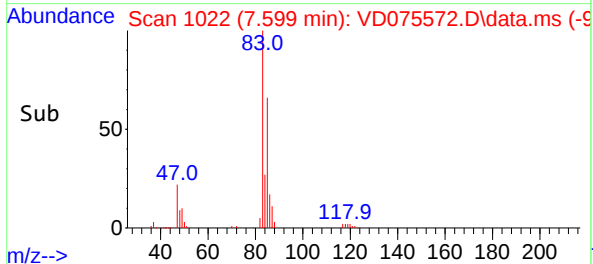
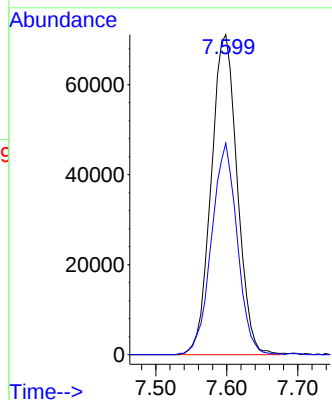
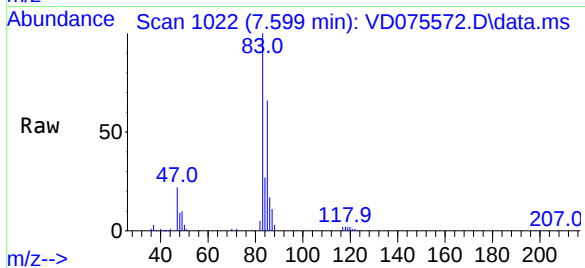
ClientSampleId :

Tgt Ion: 83 Resp: 181023

Ion Ratio Lower Upper

83 100

85 66.1 45.8 85.0



#27

1,2-Dichloroethane

Concen: 26.758 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD075572.D

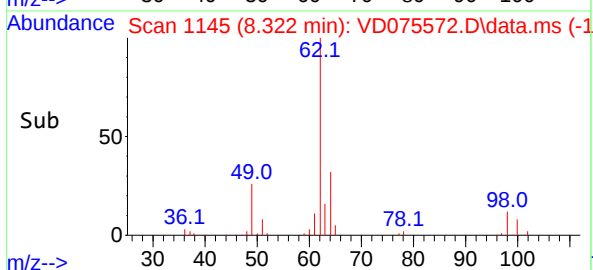
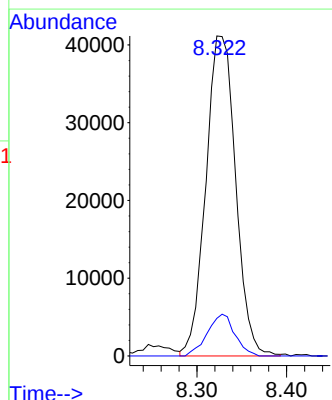
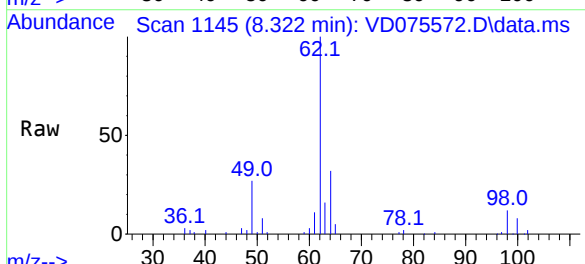
Acq: 04 Apr 2023 17:56

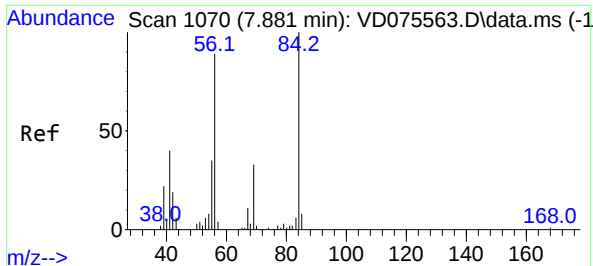
Tgt Ion: 62 Resp: 94993

Ion Ratio Lower Upper

62 100

98 11.7 10.5 15.7





#29

Cyclohexane

Concen: 23.528 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

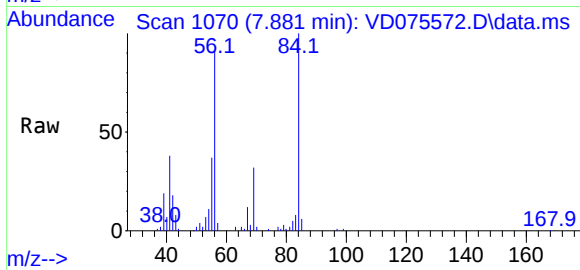
Lab File: VD075572.D

Acq: 04 Apr 2023 17:56

Instrument :

MSVOA_D

ClientSampleId :



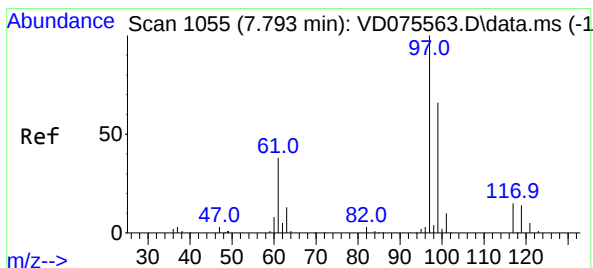
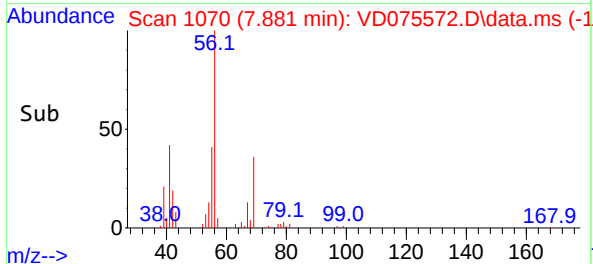
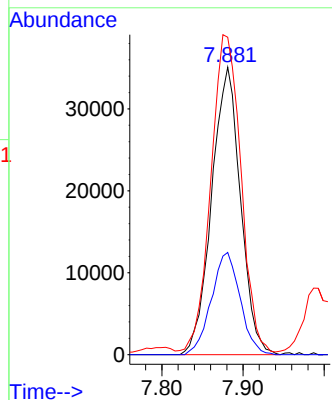
Tgt Ion: 56 Resp: 86612

Ion Ratio Lower Upper

56 100

69 35.5 28.3 42.5

84 117.1 91.1 136.7



#30

1,1,1-Trichloroethane

Concen: 24.873 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075572.D

Acq: 04 Apr 2023 17:56

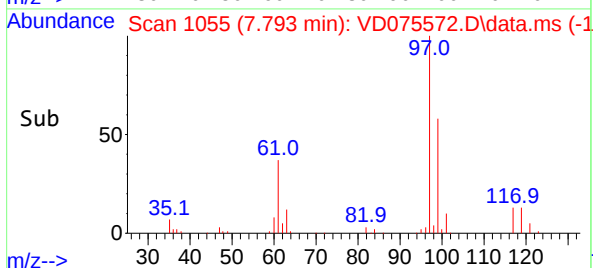
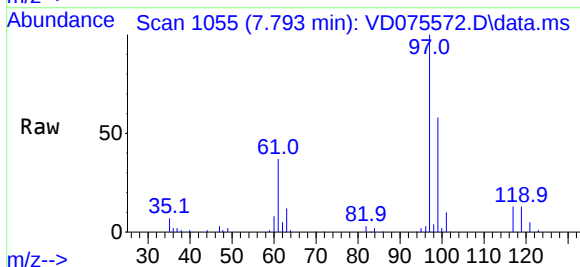
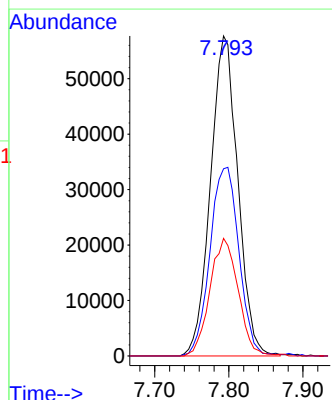
Tgt Ion: 97 Resp: 147811

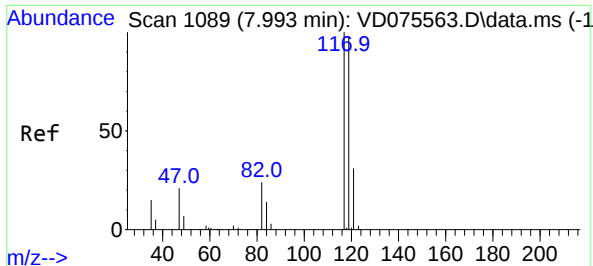
Ion Ratio Lower Upper

97 100

99 62.4 51.4 77.2

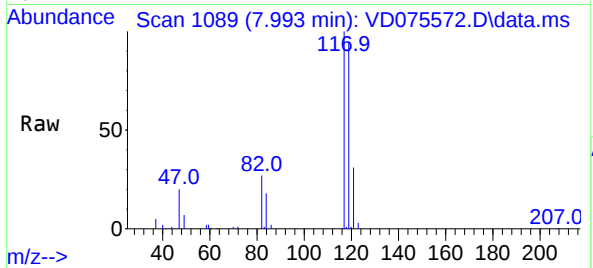
61 37.9 32.2 48.2



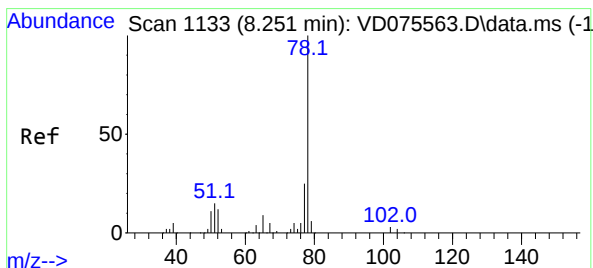
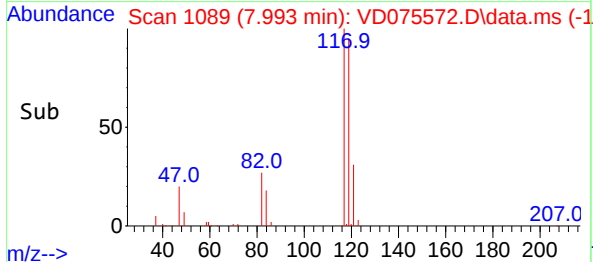
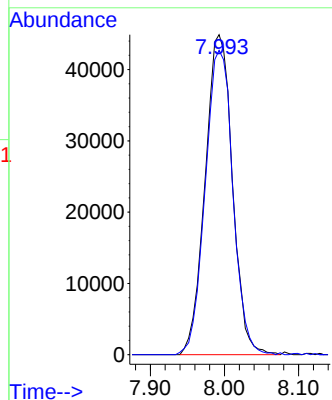


#31
Carbon tetrachloride
Concen: 23.967 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

Instrument :
MSVOA_D
ClientSampleId :

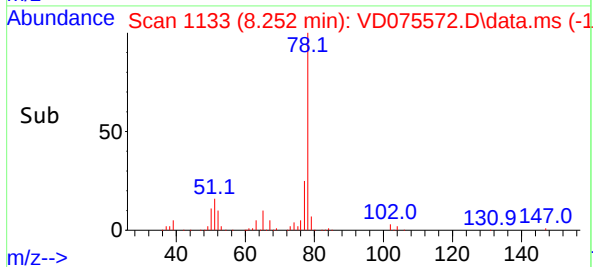
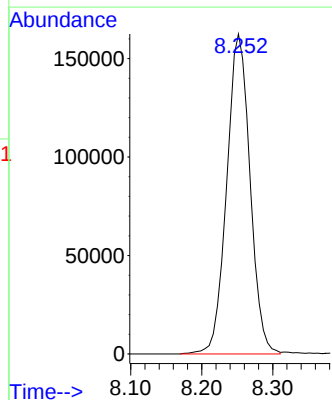
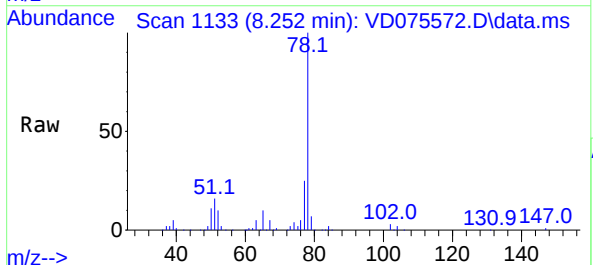


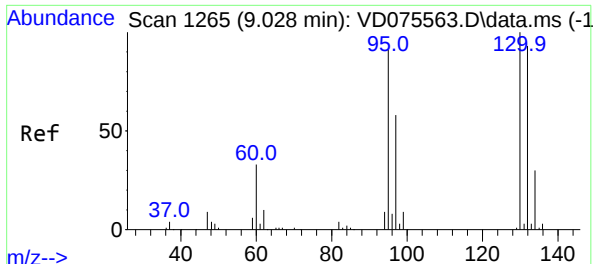
Tgt Ion:117 Resp: 114975
Ion Ratio Lower Upper
117 100
119 96.2 76.4 114.6



#33
Benzene
Concen: 23.892 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

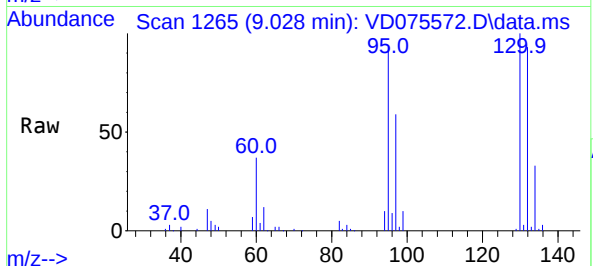
Tgt Ion: 78 Resp: 370871



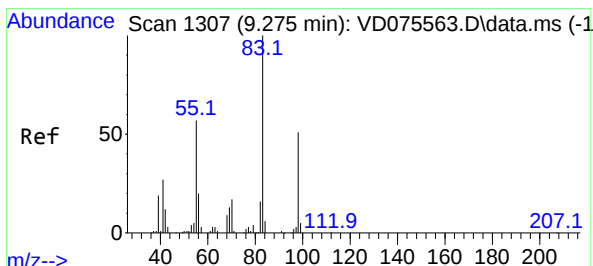
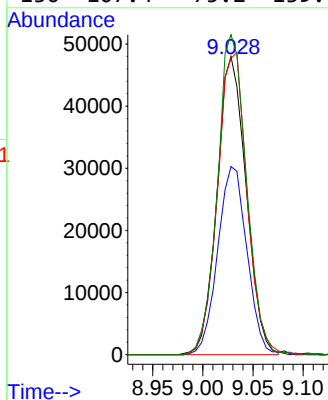
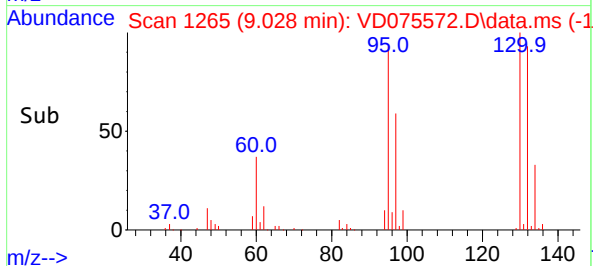


#34
Trichloroethene
Concen: 22.305 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

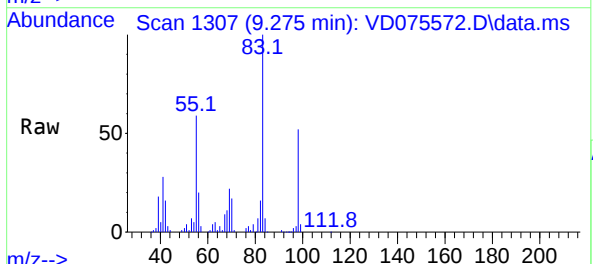
Instrument :
MSVOA_D
ClientSampleId :



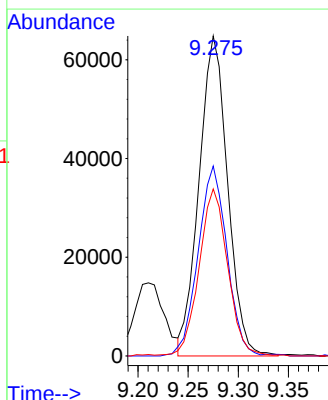
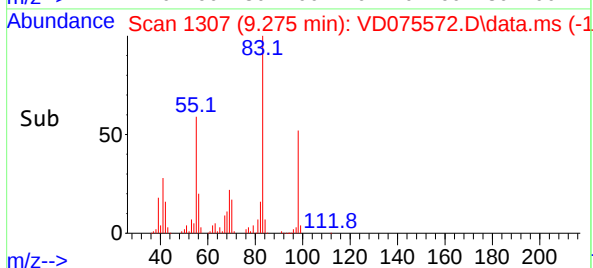
Tgt Ion: 95 Resp: 97001
Ion Ratio Lower Upper
95 100
97 63.1 47.0 87.2
132 99.5 71.2 132.2
130 107.4 75.2 139.6

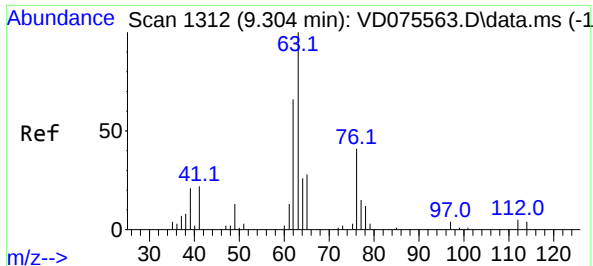


#35
Methylcyclohexane
Concen: 22.624 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56



Tgt Ion: 83 Resp: 128692
Ion Ratio Lower Upper
83 100
55 59.8 46.9 70.3
98 52.2 40.8 61.2

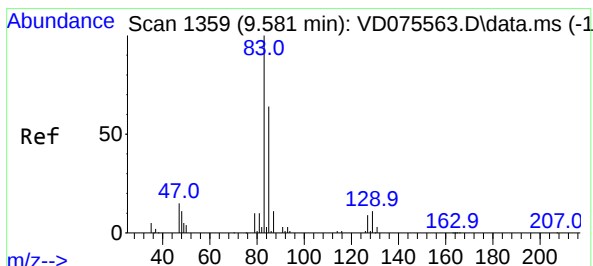
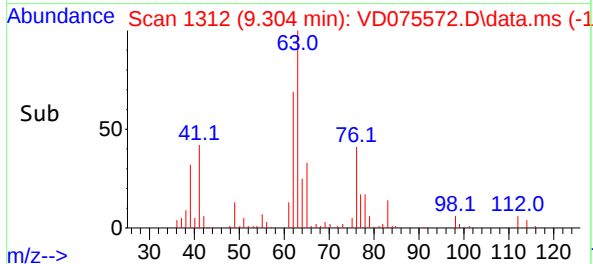
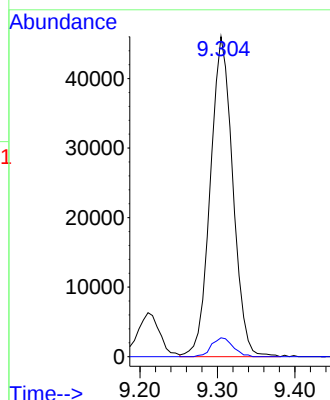
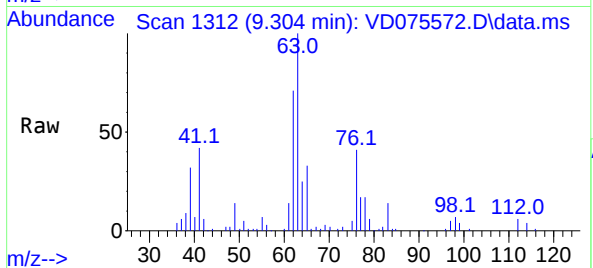




#37
1,2-Dichloropropane
Concen: 25.503 ug/L
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

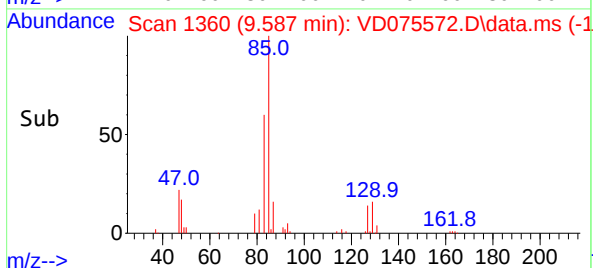
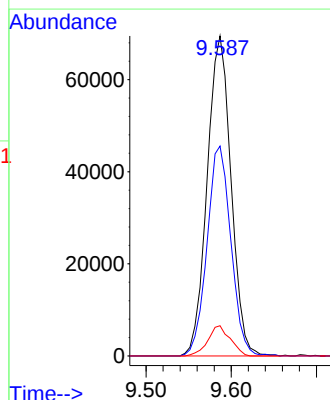
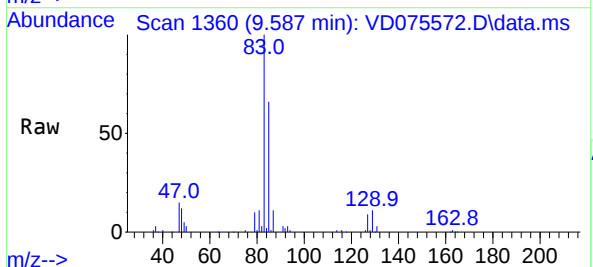
Instrument :
MSVOA_D
ClientSampleId :

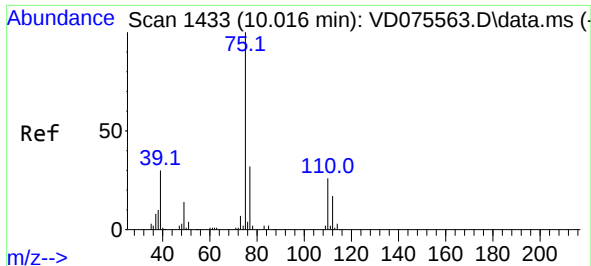
Tgt Ion: 63 Resp: 93138
Ion Ratio Lower Upper
63 100
112 5.6 4.7 7.1



#38
Bromodichloromethane
Concen: 26.032 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

Tgt Ion: 83 Resp: 135400
Ion Ratio Lower Upper
83 100
85 65.6 45.1 83.9
127 9.4 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 25.670 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD075572.D

Acq: 04 Apr 2023 17:56

Instrument :

MSVOA_D

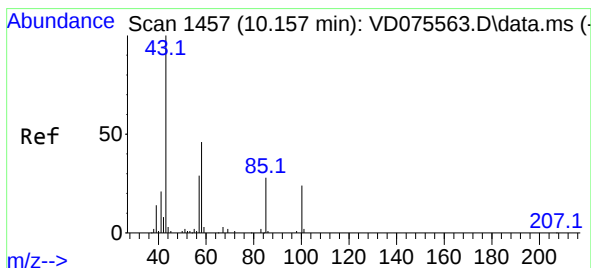
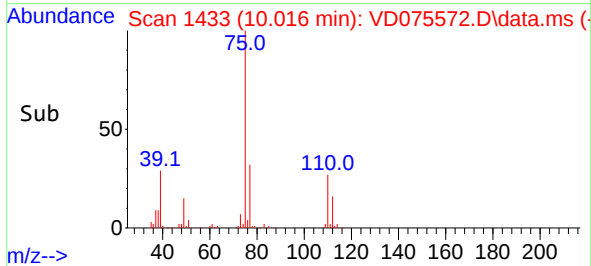
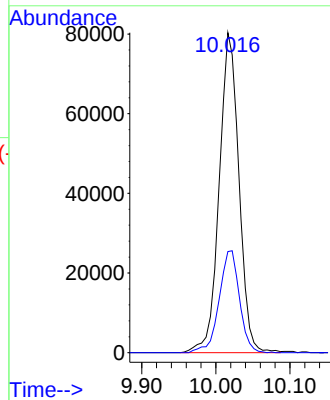
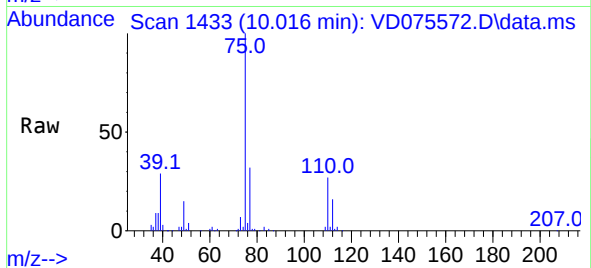
ClientSampleId :

Tgt Ion: 75 Resp: 148640

Ion Ratio Lower Upper

75 100

77 31.6 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 55.865 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.006 min

Lab File: VD075572.D

Acq: 04 Apr 2023 17:56

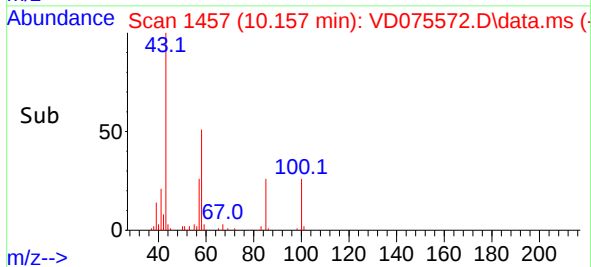
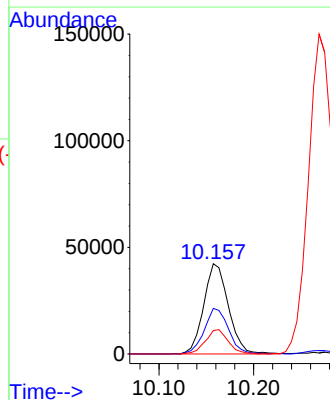
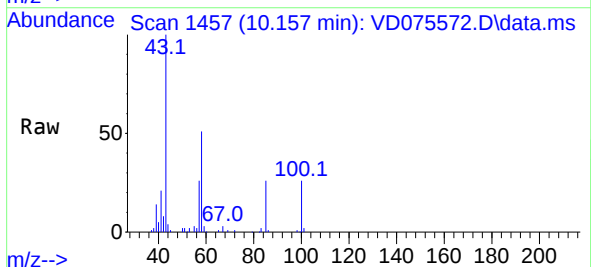
Tgt Ion: 43 Resp: 76470

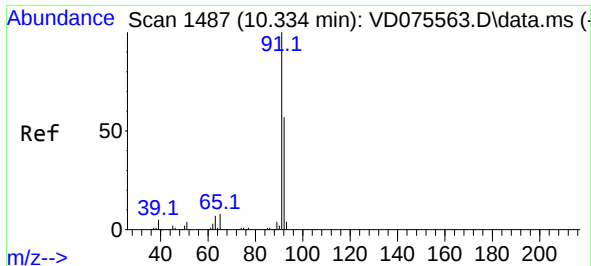
Ion Ratio Lower Upper

43 100

58 49.6 39.4 59.0

100 24.9 20.3 30.5

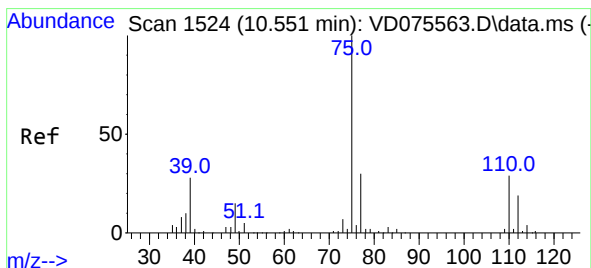
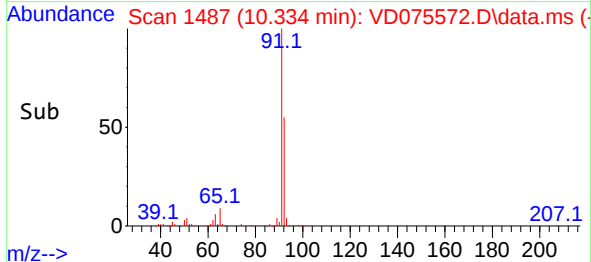
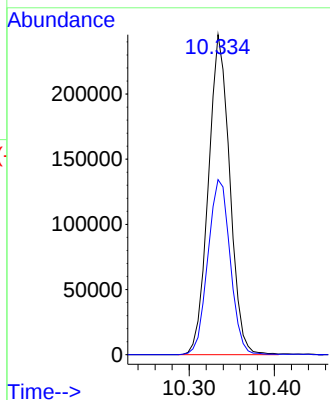
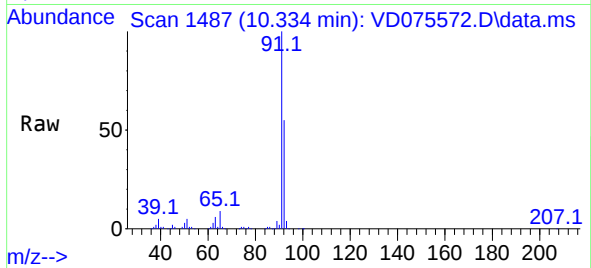




#42
Toluene
Concen: 24.833 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

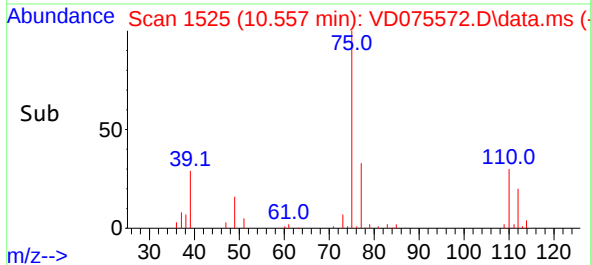
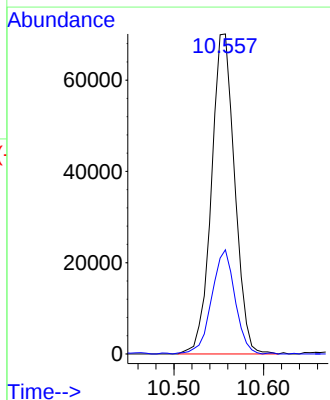
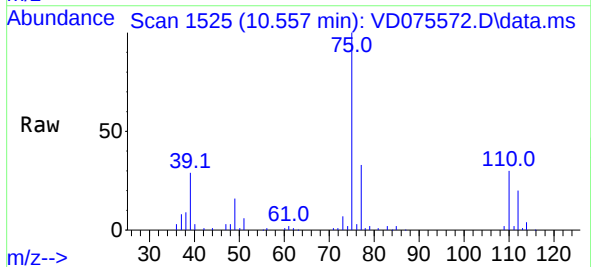
Instrument :
MSVOA_D
ClientSampleId :

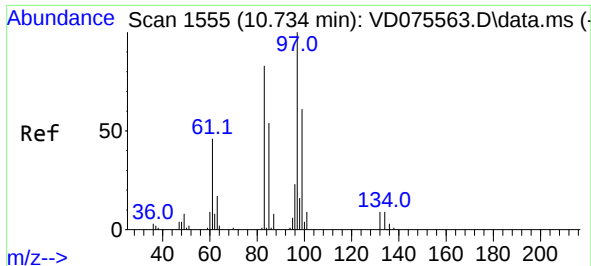
Tgt Ion: 91 Resp: 428284
Ion Ratio Lower Upper
91 100
92 54.7 39.1 72.7



#44
trans-1,3-Dichloropropene
Concen: 25.665 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

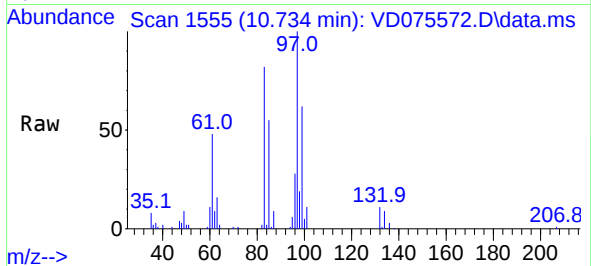
Tgt Ion: 75 Resp: 126349
Ion Ratio Lower Upper
75 100
77 32.5 22.1 41.1



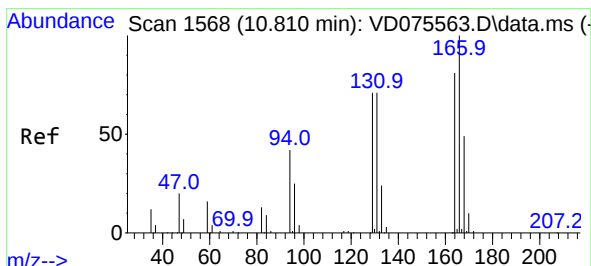
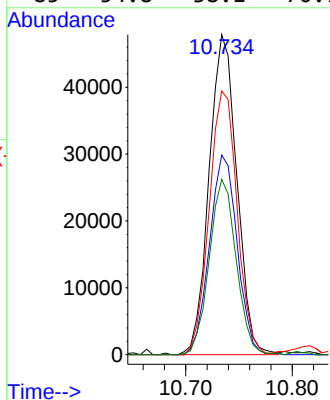
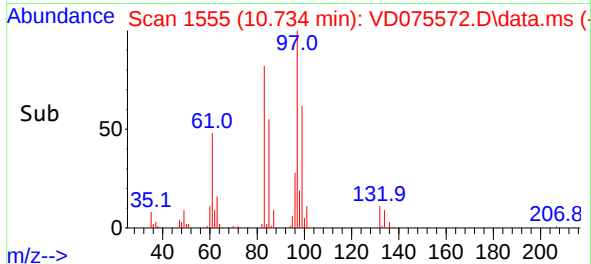


#45
1,1,2-Trichloroethane
Concen: 25.777 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

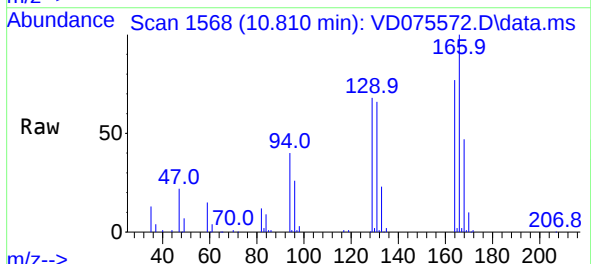
Instrument :
MSVOA_D
ClientSampleId :



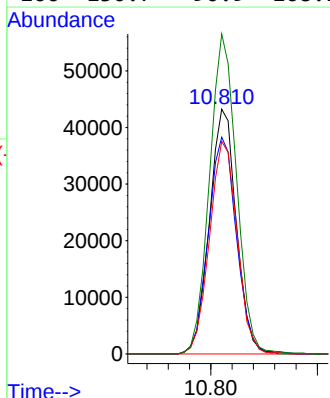
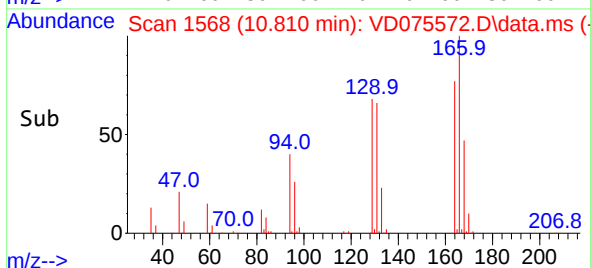
Tgt Ion:	97	Resp:	86386
Ion	Ratio	Lower	Upper
97	100		
99	62.4	46.4	86.2
83	82.4	57.1	106.1
85	54.8	38.1	70.7

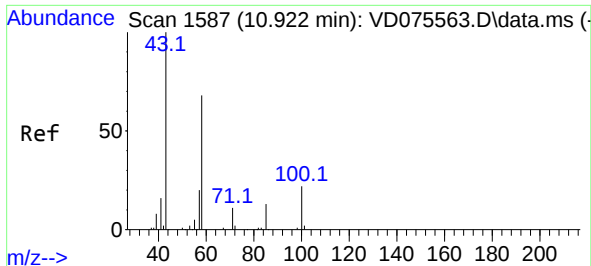


#46
Tetrachloroethene
Concen: 22.201 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56



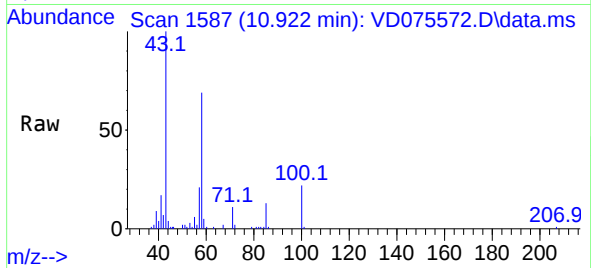
Tgt Ion:	164	Resp:	75614
Ion	Ratio	Lower	Upper
164	100		
129	88.5	64.8	120.3
131	86.8	61.7	114.7
166	130.7	90.9	168.9



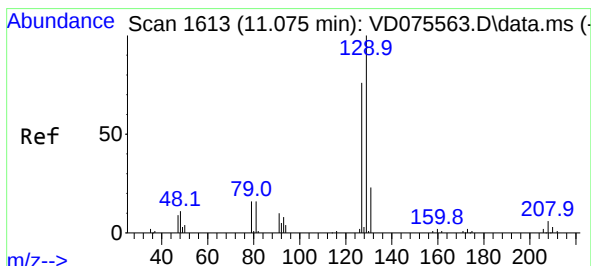
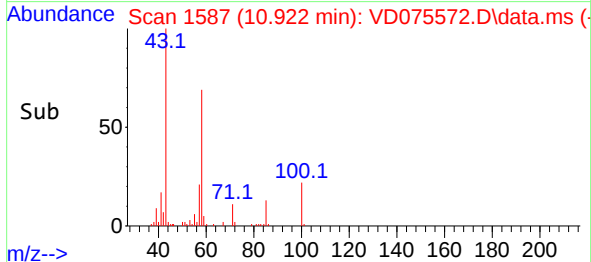
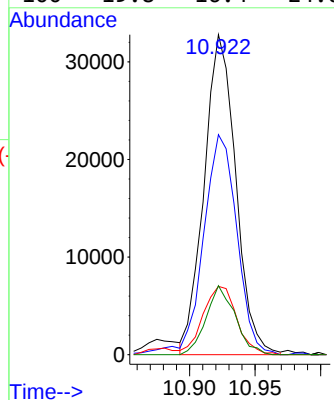


#48
2-Hexanone
Concen: 59.788 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

Instrument :
MSVOA_D
ClientSampleId :

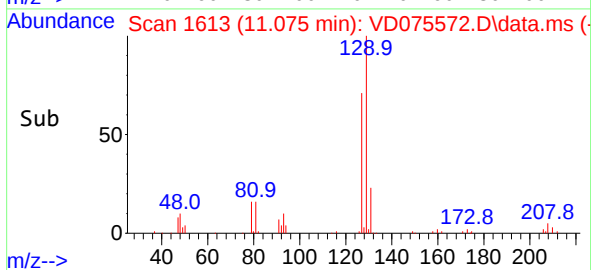
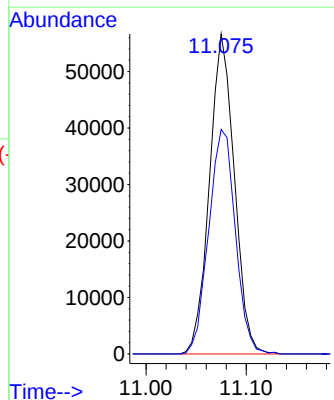
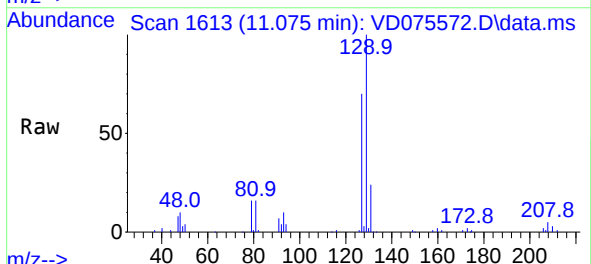


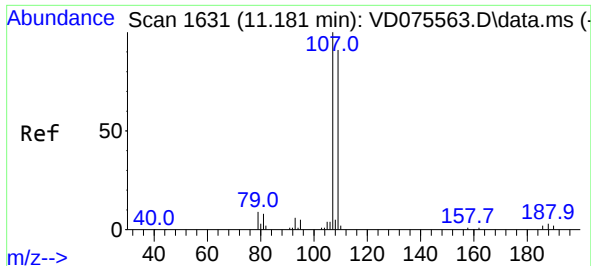
Tgt Ion: 43	Resp: 55155
Ion Ratio	Lower Upper
43 100	
58 70.9	55.8 83.6
57 22.9	18.6 27.8
100 19.8	16.4 24.6



#49
Dibromochloromethane
Concen: 26.918 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

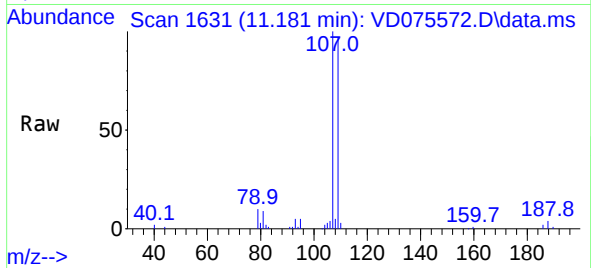
Tgt Ion:129	Resp:	97668	
Ion	Ratio	Lower	Upper
129	100		
127	70.2	54.5	101.1



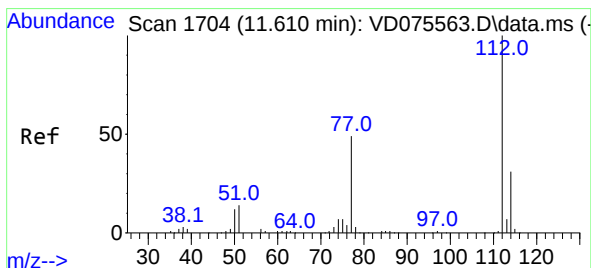
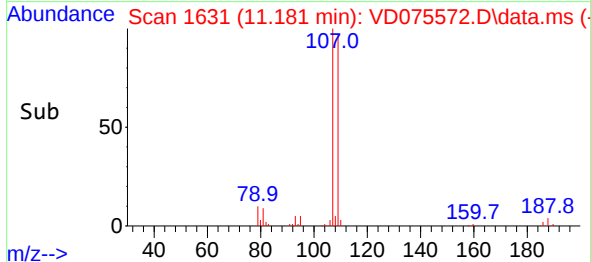
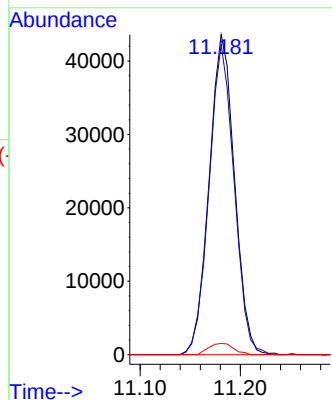


#50
1,2-Dibromoethane
Concen: 26.098 ug/L
RT: 11.181 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

Instrument :
MSVOA_D
ClientSampleId :

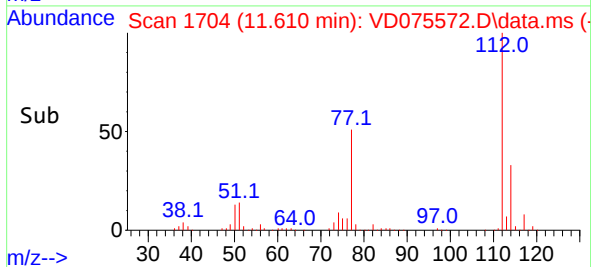
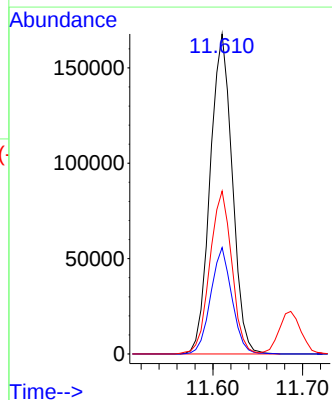
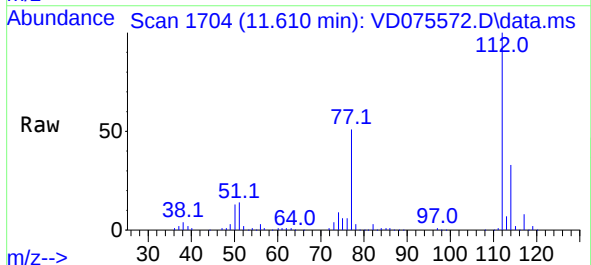


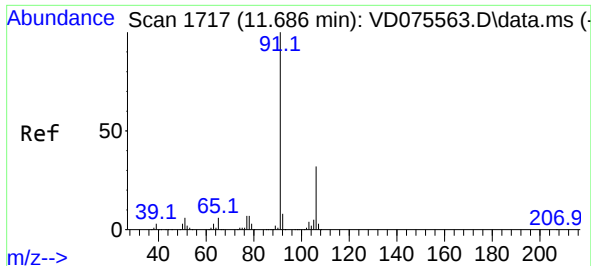
Tgt Ion:107 Resp: 76631
Ion Ratio Lower Upper
107 100
109 96.9 64.8 120.3
188 3.5 3.4 5.0



#51
Chlorobenzene
Concen: 24.728 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

Tgt Ion:112 Resp: 287228
Ion Ratio Lower Upper
112 100
114 33.2 21.1 39.1
77 50.9 37.8 56.6

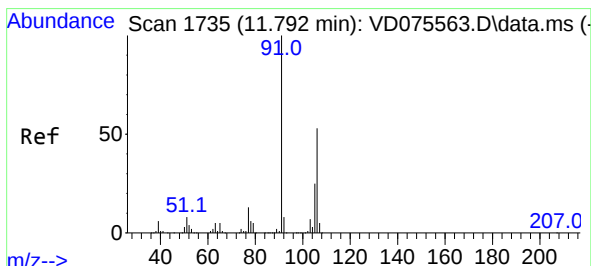
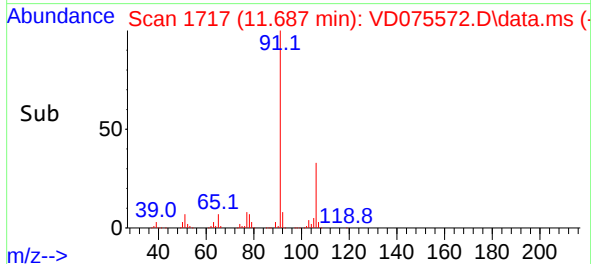
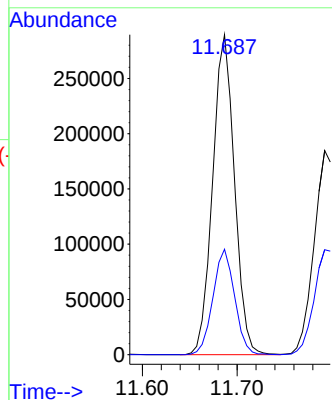
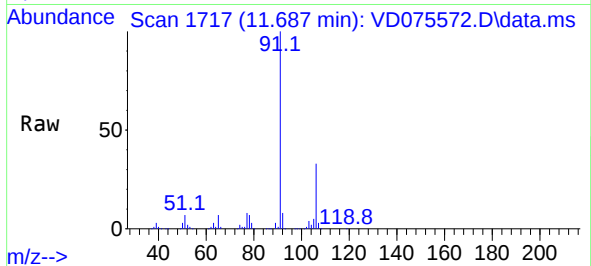




#52
Ethylbenzene
Concen: 25.552 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

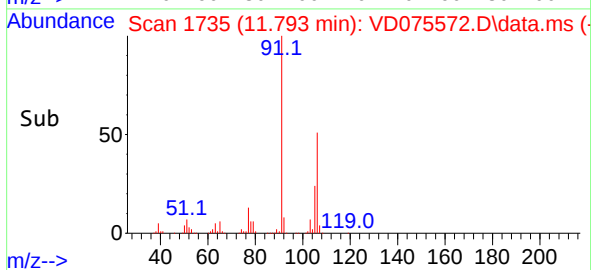
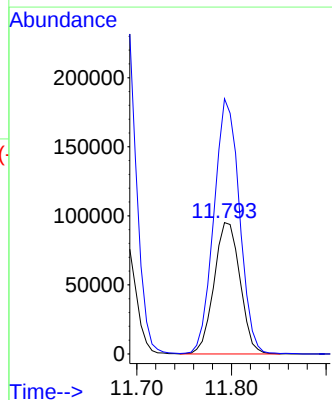
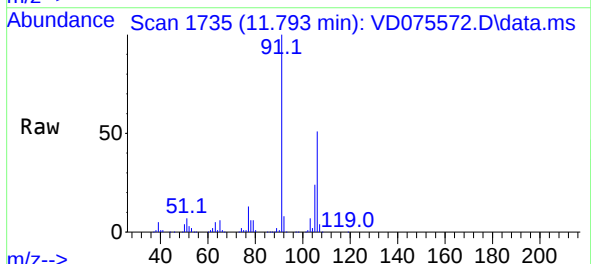
Instrument :
MSVOA_D
ClientSampleId :

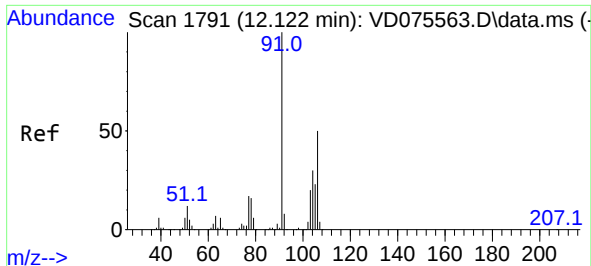
Tgt Ion: 91 Resp: 463415
Ion Ratio Lower Upper
91 100
106 32.9 23.2 43.2



#53
m,p-Xylene
Concen: 25.503 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

Tgt Ion: 106 Resp: 181364
Ion Ratio Lower Upper
106 100
91 194.4 126.7 235.3

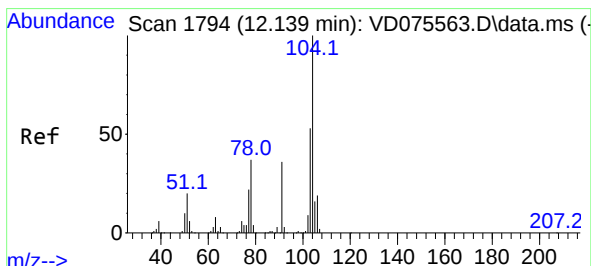
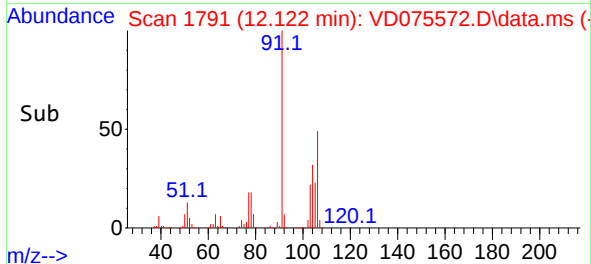
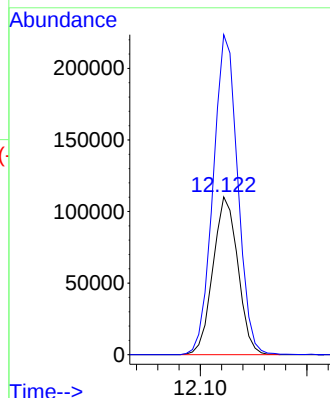
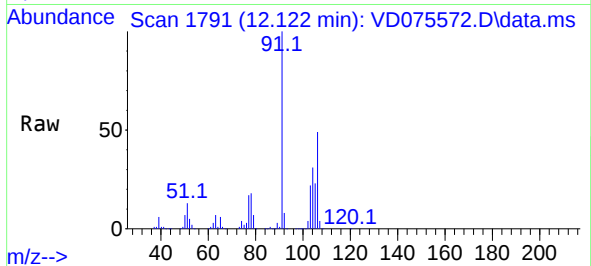




#54
o-Xylene
Concen: 26.416 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

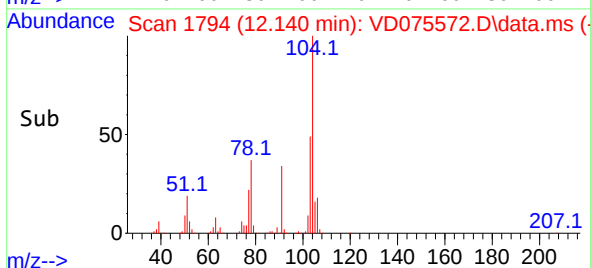
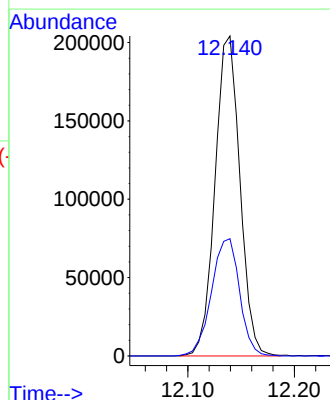
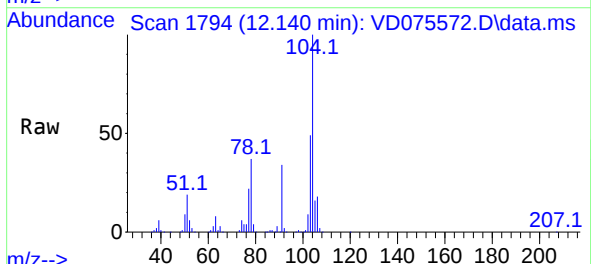
Instrument :
MSVOA_D
ClientSampleId :

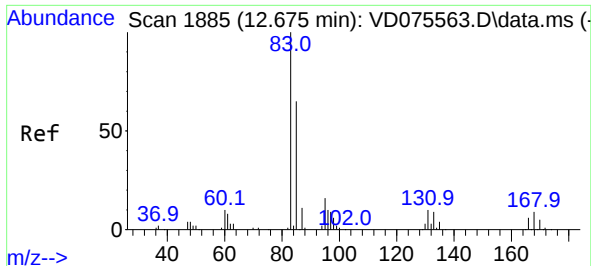
Tgt Ion:106 Resp: 178883
Ion Ratio Lower Upper
106 100
91 202.9 138.3 256.9



#55
Styrene
Concen: 27.485 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

Tgt Ion:104 Resp: 331645
Ion Ratio Lower Upper
104 100
78 36.6 25.8 47.8

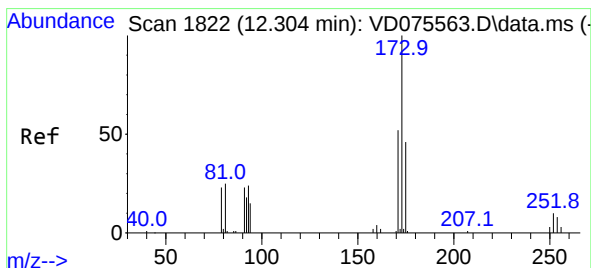
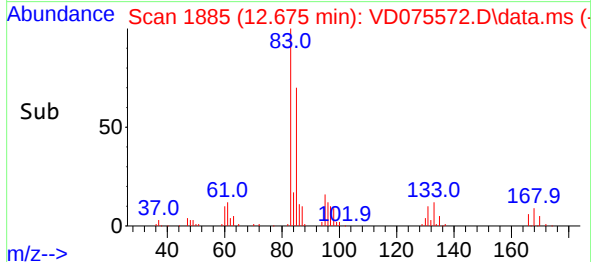
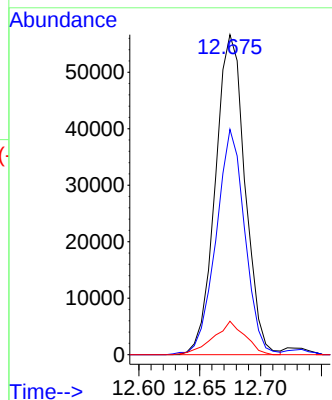
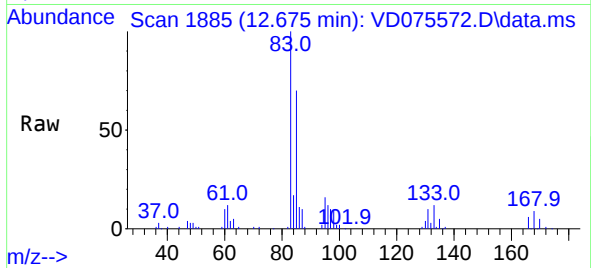




#57
1,1,2,2-Tetrachloroethane
Concen: 27.760 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

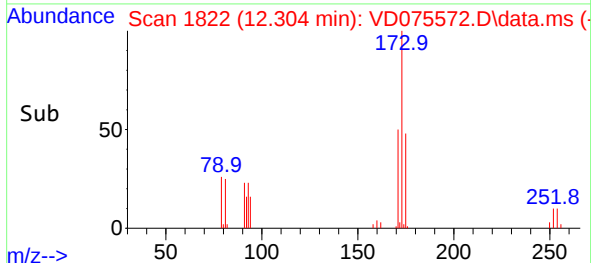
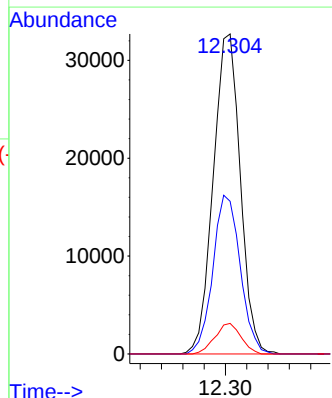
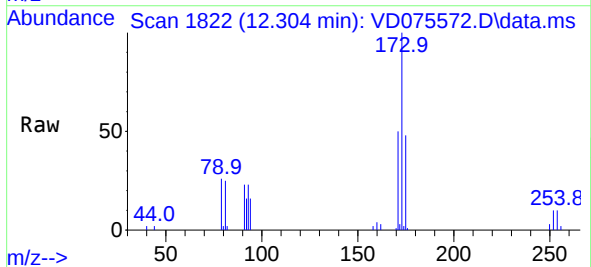
Instrument :
MSVOA_D
ClientSampleId :

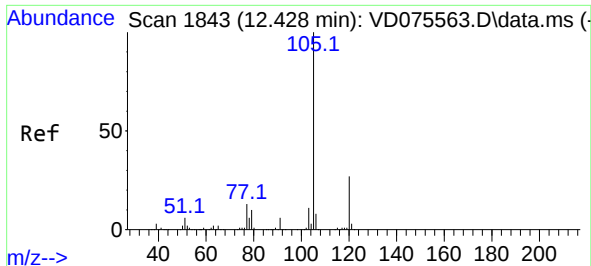
Tgt Ion: 83 Resp: 96012
Ion Ratio Lower Upper
83 100
85 70.4 48.7 90.5
131 10.4 9.3 13.9



#59
Bromoform
Concen: 24.639 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

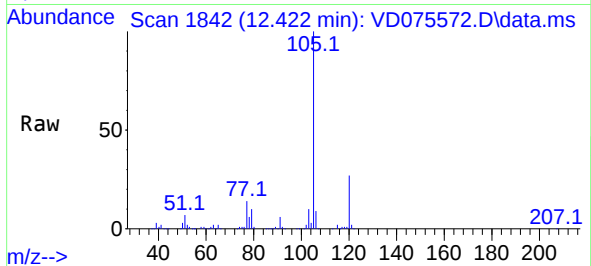
Tgt Ion: 173 Resp: 57538
Ion Ratio Lower Upper
173 100
175 50.2 38.7 58.1
254 9.2 7.7 11.5



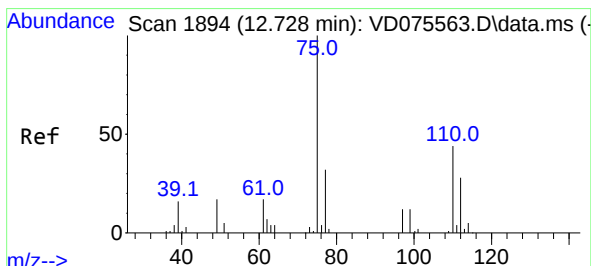
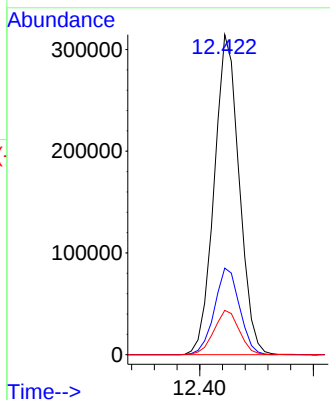
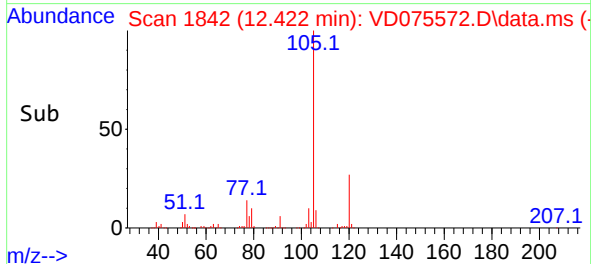


#60
Isopropylbenzene
Concen: 24.103 ug/L
RT: 12.422 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

Instrument :
MSVOA_D
ClientSampleId :

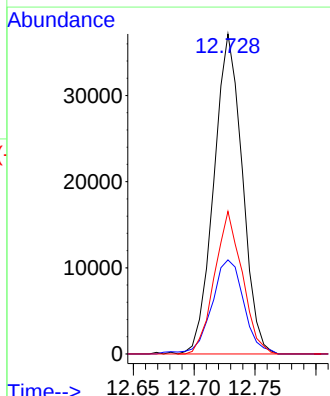
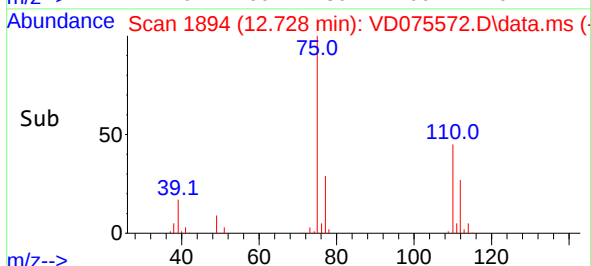
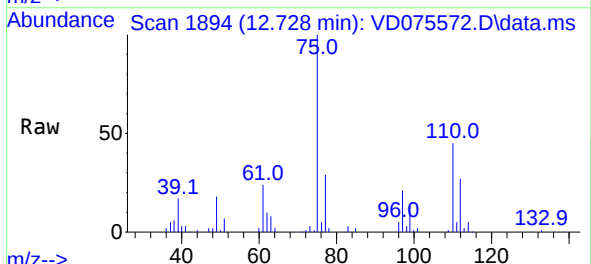


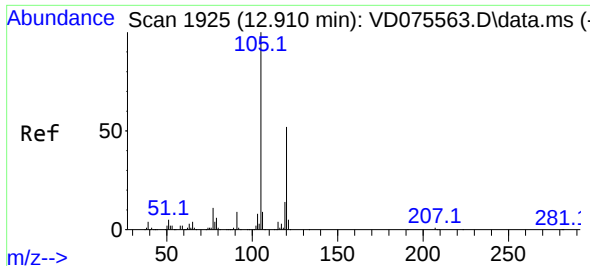
Tgt Ion:105 Resp: 480525
Ion Ratio Lower Upper
105 100
120 27.2 22.5 33.7
77 14.0 10.7 16.1



#61
1,2,3-Trichloropropane
Concen: 25.254 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

Tgt Ion: 75 Resp: 60355
Ion Ratio Lower Upper
75 100
77 32.7 25.7 38.5
110 43.5 35.9 53.9

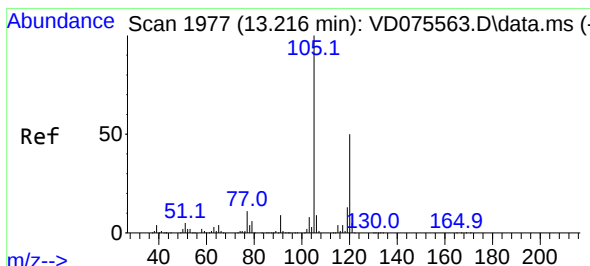
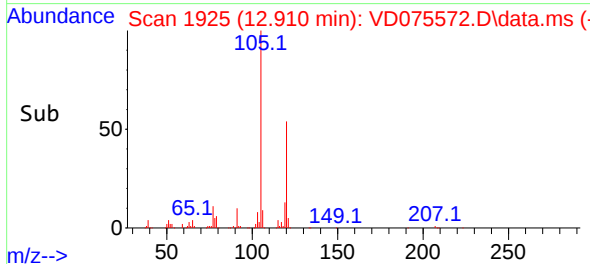
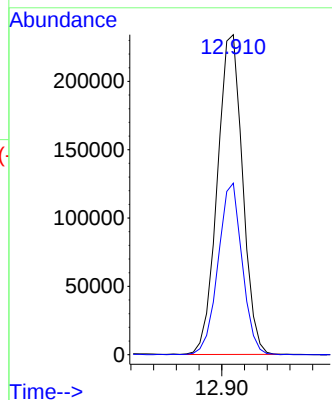
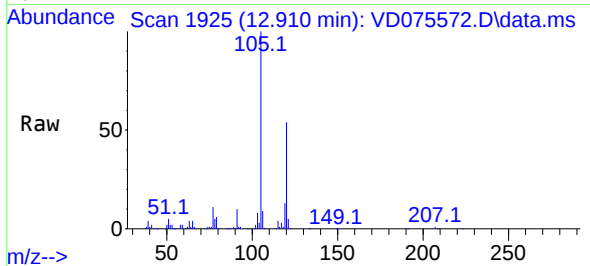




#62
1,3,5-Trimethylbenzene
Concen: 24.058 ug/L
RT: 12.910 min Scan# 1925
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

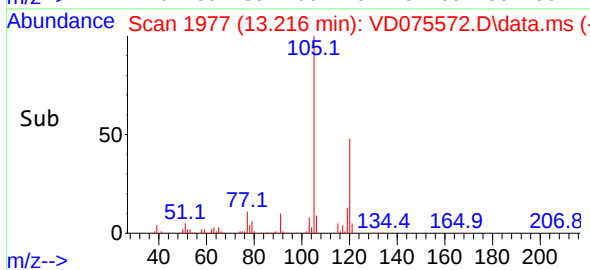
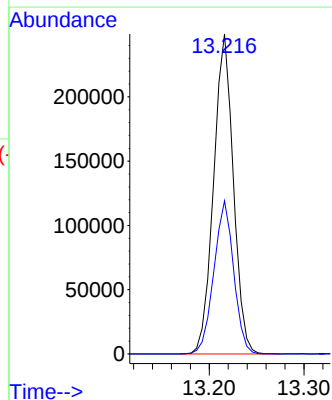
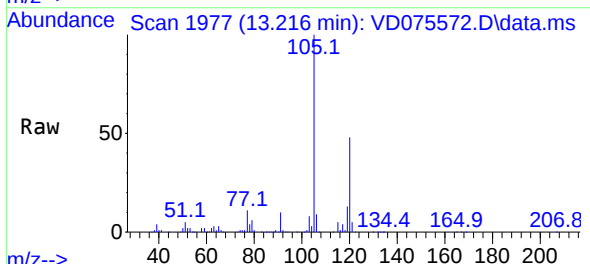
Instrument :
MSVOA_D
ClientSampleId :

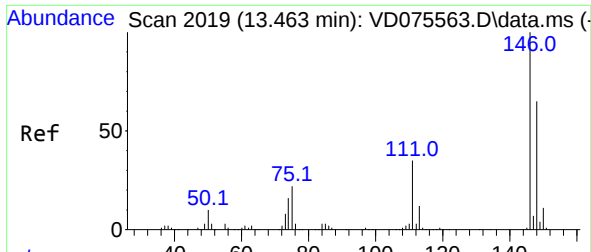
Tgt Ion:105 Resp: 361789
Ion Ratio Lower Upper
105 100
120 51.1 41.1 61.7



#63
1,2,4-Trimethylbenzene
Concen: 25.047 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

Tgt Ion:105 Resp: 360180
Ion Ratio Lower Upper
105 100
120 48.0 39.0 58.4

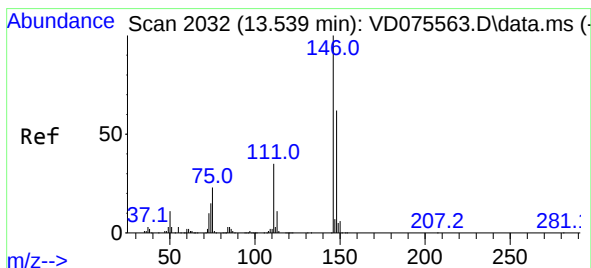
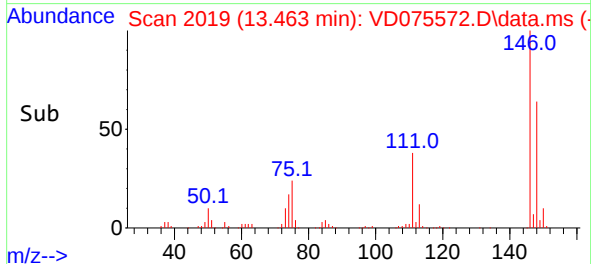
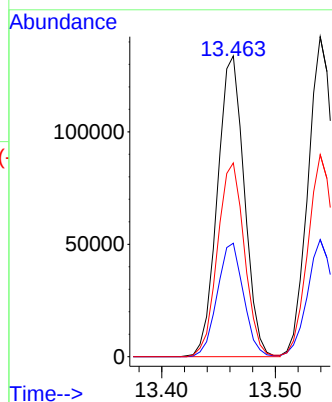
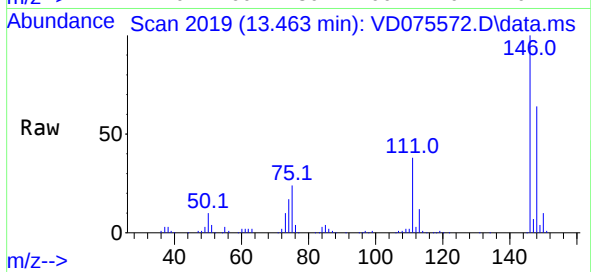




#64
1,3-Dichlorobenzene
Concen: 24.344 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

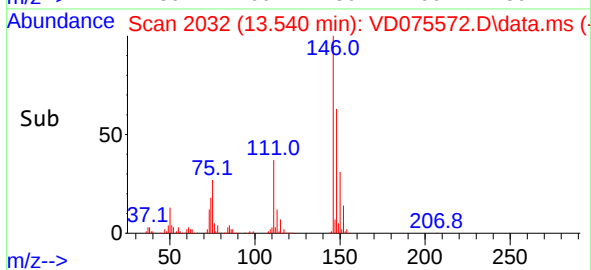
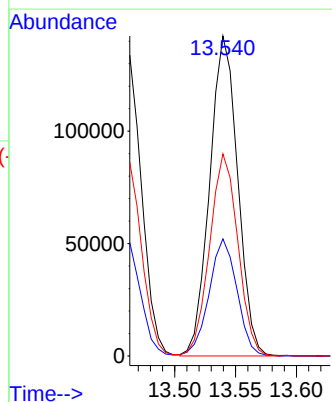
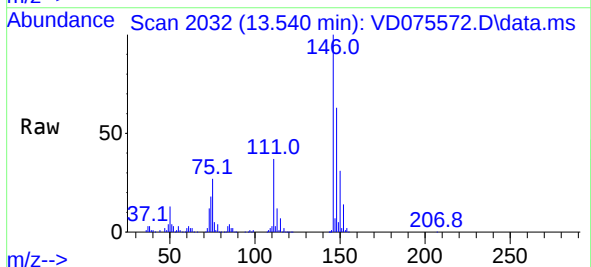
Instrument :
MSVOA_D
ClientSampleId :

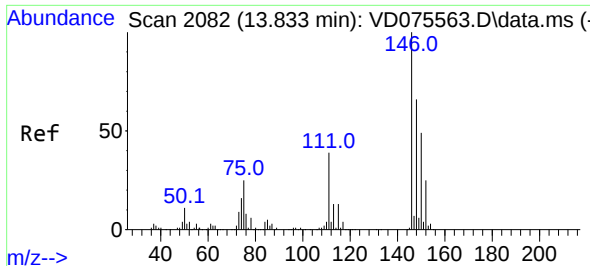
Tgt Ion:146 Resp: 219771
Ion Ratio Lower Upper
146 100
111 37.7 26.2 48.8
148 64.4 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 24.213 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

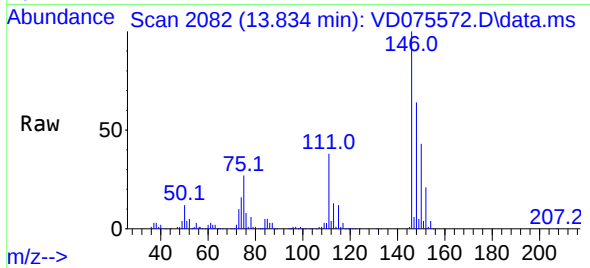
Tgt Ion:146 Resp: 227997
Ion Ratio Lower Upper
146 100
111 36.6 26.0 48.4
148 63.2 44.3 82.3



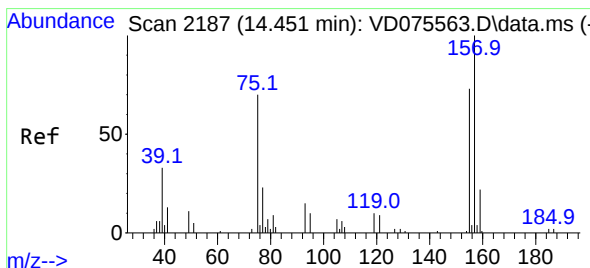
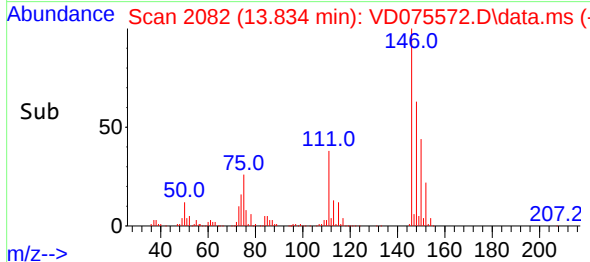
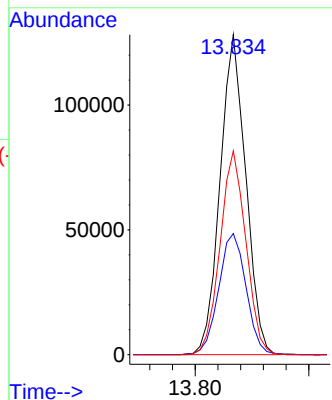


#67
1,2-Dichlorobenzene
Concen: 24.630 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

Instrument :
MSVOA_D
ClientSampleId :

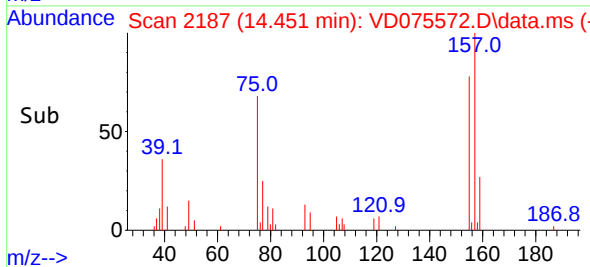
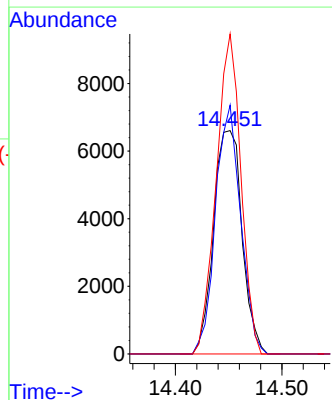
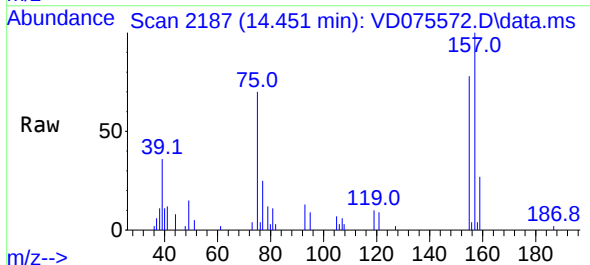


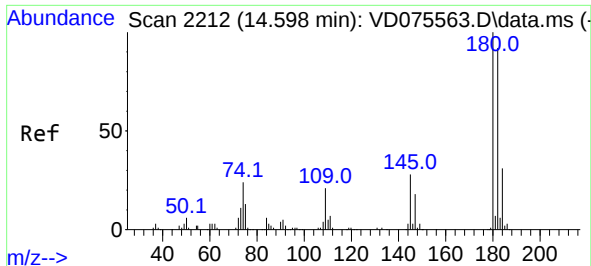
Tgt Ion:146 Resp: 201380
Ion Ratio Lower Upper
146 100
111 37.8 31.3 46.9
148 63.7 52.8 79.2



#68
1,2-Dibromo-3-chloropropane
Concen: 25.484 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

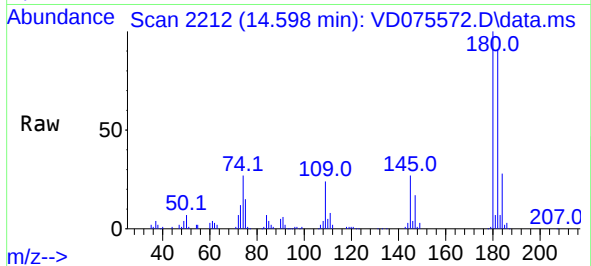
Tgt Ion: 75 Resp: 12265
Ion Ratio Lower Upper
75 100
155 111.4 70.6 106.0#
157 143.3 111.3 166.9



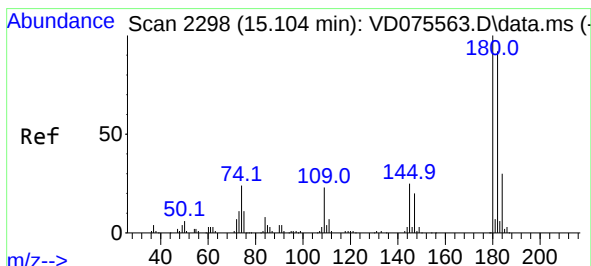
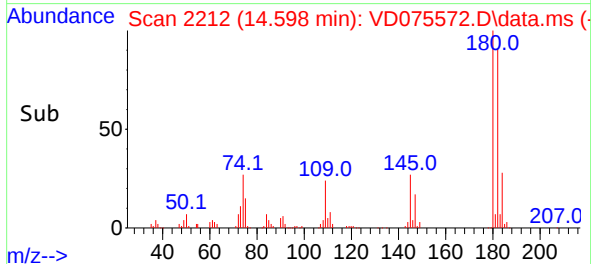
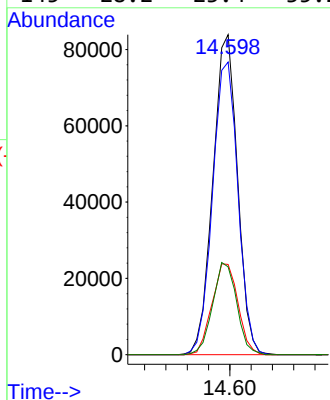


#69
1,3,5-Trichlorobenzene
Concen: 24.156 ug/L
RT: 14.598 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

Instrument :
MSVOA_D
ClientSampleId :

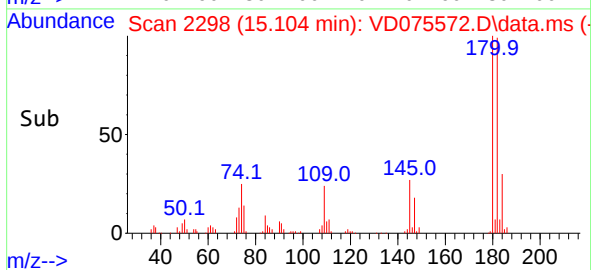
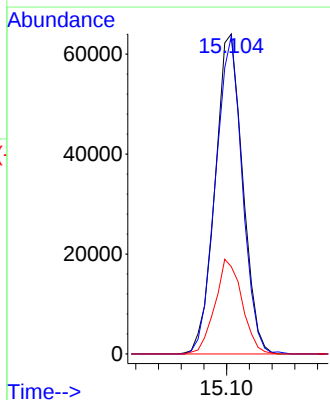
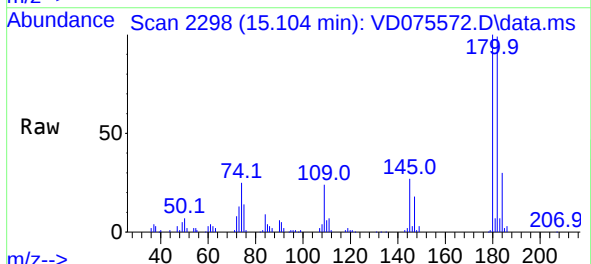


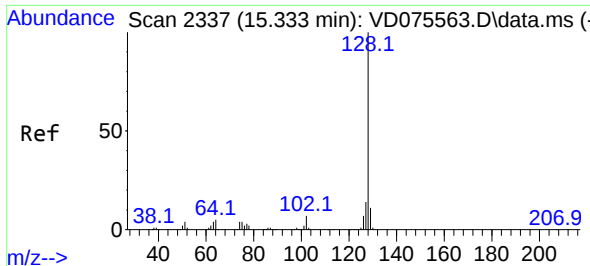
Tgt Ion:180 Resp: 134481
Ion Ratio Lower Upper
180 100
182 94.2 76.9 115.3
184 29.9 24.6 36.8
145 28.2 23.4 35.2



#70
1,2,4-trichlorobenzene
Concen: 23.968 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

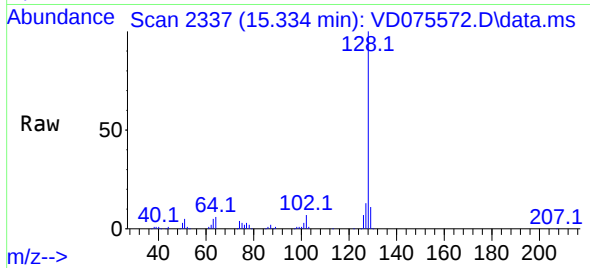
Tgt Ion:180 Resp: 108023
Ion Ratio Lower Upper
180 100
182 96.0 74.2 111.2
145 29.0 22.9 34.3



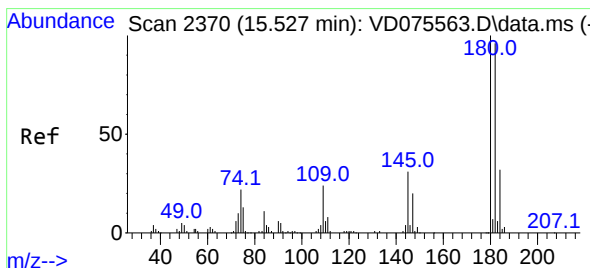
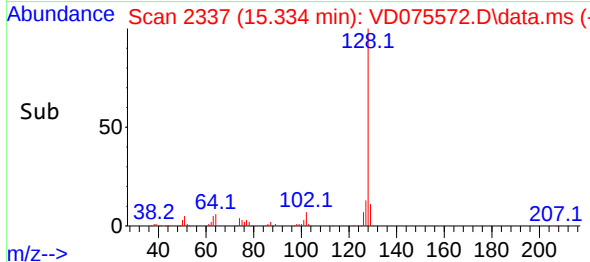
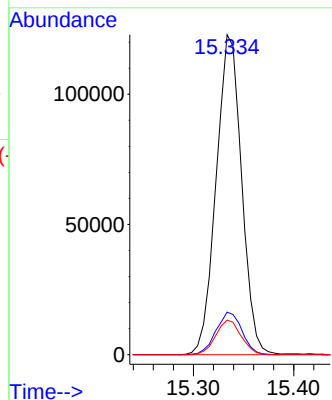


#71
Naphthalene
Concen: 25.924 ug/L
RT: 15.334 min Scan# 2160
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 216022
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 10.8 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 24.749 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD075572.D
Acq: 04 Apr 2023 17:56

Tgt Ion:180 Resp: 99916
Ion Ratio Lower Upper
180 100
182 98.7 75.4 113.0
145 31.5 25.2 37.8

