

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062923\
 Data File : VD076649.D
 Acq On : 29 Jun 2023 20:23
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 30 01:17:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	242322	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	216785	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	108806	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.264	65	119547	20.258	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.040%
7) Chloroethane-d5	2.787	69	98508	20.644	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.560%
11) 1,1-Dichloroethene-d2	3.899	65	35876	23.290	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.160%
21) 2-Butanone-d5	6.987	46	44551	49.848	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.700%
24) Chloroform-d	7.563	84	160044	25.069	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.280%
26) 1,2-Dichloroethane-d4	8.228	65	83988	26.667	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.680%
32) Benzene-d6	8.199	84	306129	23.085	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.320%
36) 1,2-Dichloropropane-d6	9.210	67	95702	22.609	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.440%
41) Toluene-d8	10.269	98	285989	23.291	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.160%
43) trans-1,3-Dichloroprop...	10.528	79	40508	23.008	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.040%
47) 2-Hexanone-d5	10.875	63	33510	50.999	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.000%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	78551	26.084	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.320%
66) 1,2-Dichlorobenzene-d4	13.810	152	95311	23.898	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	98429	26.067	ug/L	98
3) Chloromethane	2.146	50	145246	23.139	ug/L	98
5) Vinyl chloride	2.275	62	147872	21.837	ug/L	98
6) Bromomethane	2.681	94	73154	19.504	ug/L	89
8) Chloroethane	2.828	64	90615	21.846	ug/L	96
9) Trichlorofluoromethane	3.158	101	134850	27.542	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.952	101	81984	25.814	ug/L	99
12) 1,1-Dichloroethene	3.934	96	73691	23.432	ug/L	90
13) Acetone	4.017	43	14175	19.637	ug/L	43
14) Carbon disulfide	4.264	76	258290	22.657	ug/L	96
15) Methyl Acetate	4.558	43	40963	24.858	ug/L #	71
16) Methylene chloride	4.793	84	95660	22.712	ug/L	88
17) trans-1,2-Dichloroethene	5.305	96	84003	23.958	ug/L	95
18) Methyl tert-butyl Ether	5.316	73	201604	25.256	ug/L #	90
19) 1,1-Dichloroethane	6.105	63	155394	24.241	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	94245	24.068	ug/L	95
22) 2-Butanone	7.081	43	52061	44.690	ug/L	99
23) Bromochloromethane	7.422	128	42295	25.450	ug/L	85
25) Chloroform	7.593	83	158932	25.405	ug/L	99

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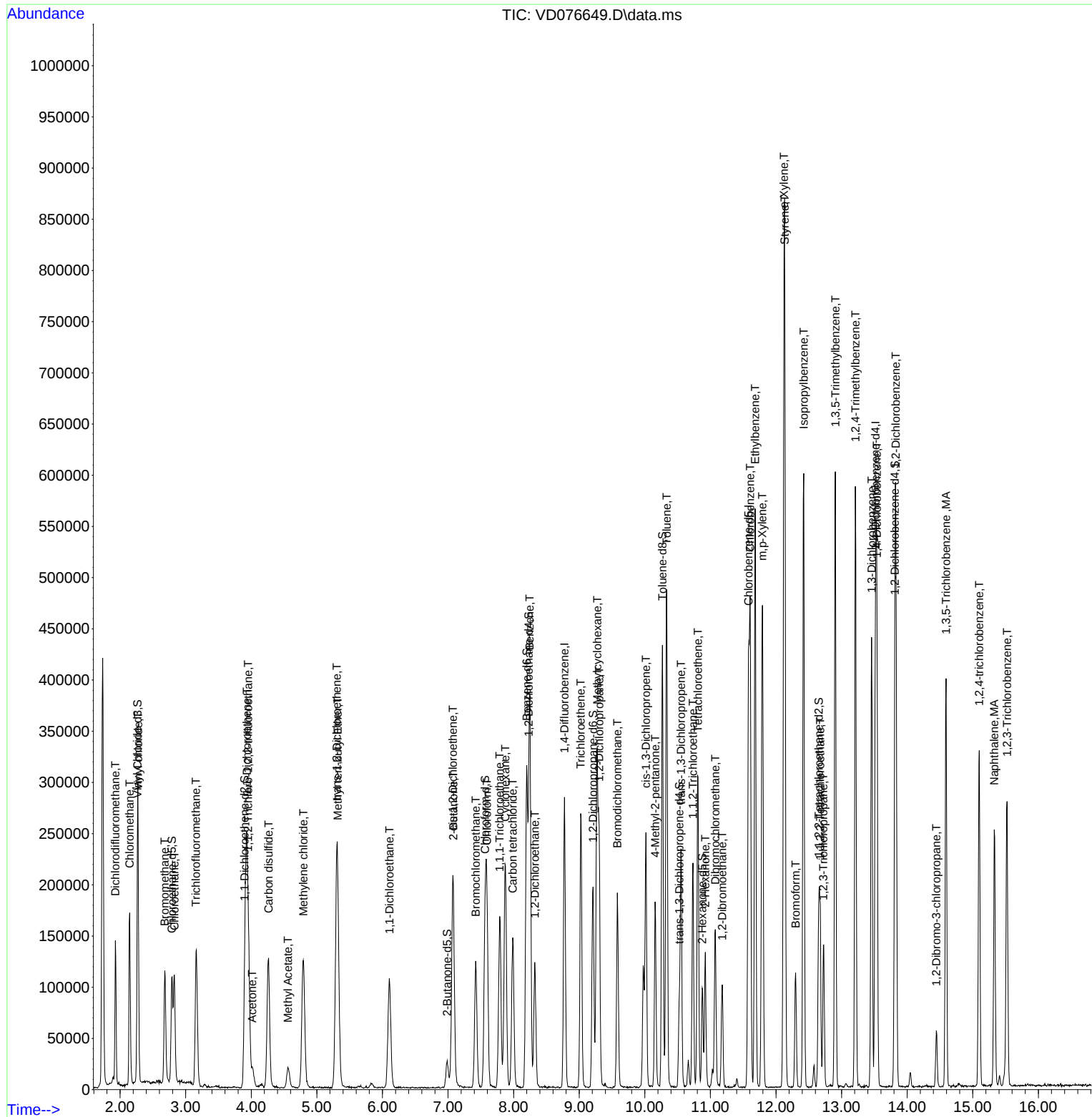
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	105380	27.391	ug/L	97
29) Cyclohexane	7.875	56	124769	21.643	ug/L	93
30) 1,1,1-Trichloroethane	7.787	97	136513	27.107	ug/L	97
31) Carbon tetrachloride	7.987	117	109010	27.065	ug/L	99
33) Benzene	8.246	78	340284	23.717	ug/L	100
34) Trichloroethene	9.022	95	90304	24.501	ug/L	94
35) Methylcyclohexane	9.275	83	136225	22.920	ug/L	97
37) 1,2-Dichloropropane	9.305	63	89717	22.936	ug/L #	96
38) Bromodichloromethane	9.581	83	116490	26.110	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	138481	23.184	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	119184	48.978	ug/L	99
42) Toluene	10.334	91	369636	24.108	ug/L	100
44) trans-1,3-Dichloropropene	10.552	75	119508	24.615	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	67136	25.022	ug/L	95
46) Tetrachloroethene	10.810	164	70338	24.275	ug/L	91
48) 2-Hexanone	10.922	43	85952	51.574	ug/L	98
49) Dibromochloromethane	11.075	129	79218	25.980	ug/L	99
50) 1,2-Dibromoethane	11.181	107	66492	25.533	ug/L	94
51) Chlorobenzene	11.604	112	235730	24.626	ug/L	98
52) Ethylbenzene	11.681	91	406218	24.581	ug/L	95
53) m,p-Xylene	11.793	106	153580	23.648	ug/L	96
54) o-Xylene	12.122	106	152424	24.649	ug/L	100
55) Styrene	12.134	104	265844	24.883	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	81469	26.569	ug/L	96
59) Bromoform	12.298	173	50706	26.032	ug/L #	97
60) Isopropylbenzene	12.422	105	392930	23.610	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	57351	27.160	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	312504	23.470	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	310350	23.620	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	178630	24.127	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	177368	23.766	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	161394	24.469	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	12344	26.231	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.592	180	117111	23.714	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	105613	24.035	ug/L	97
71) Naphthalene	15.328	128	209962	24.957	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	92729	24.301	ug/L	97

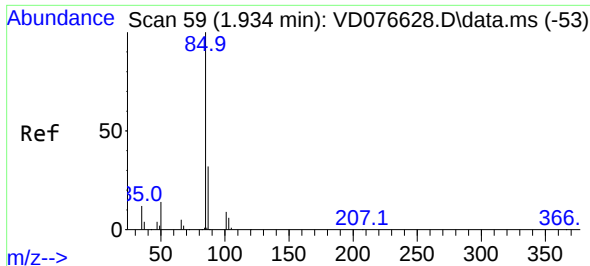
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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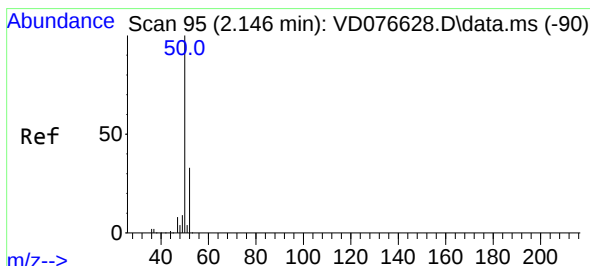
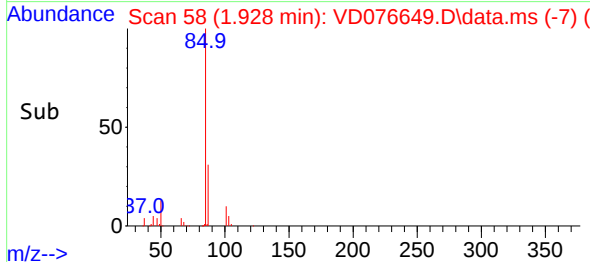
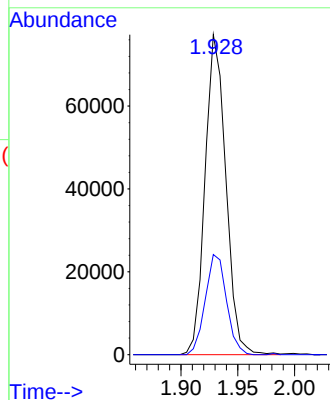
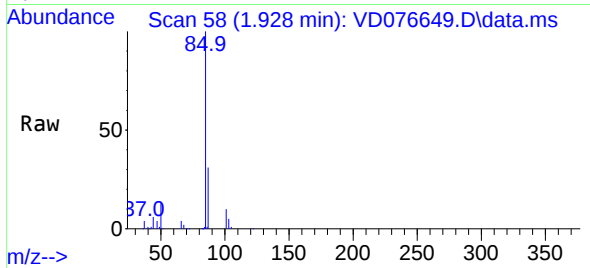




#2
 Dichlorodifluoromethane
 Concen: 26.067 ug/L
 RT: 1.928 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VD076649.D
 Acq: 29 Jun 2023 20:23

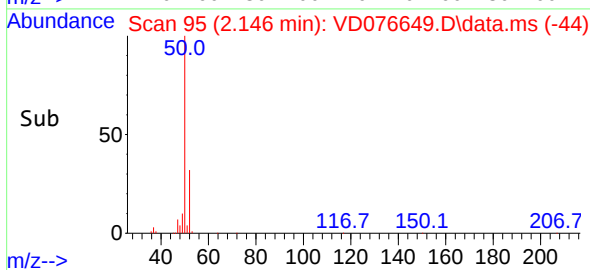
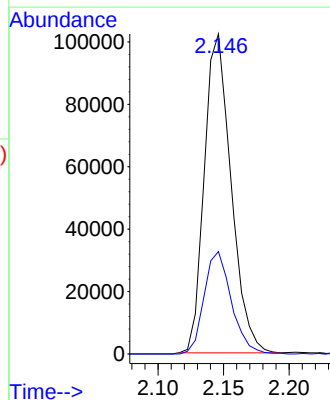
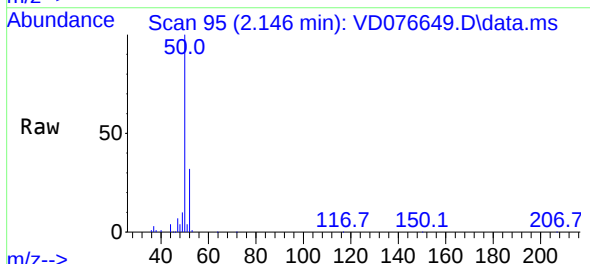
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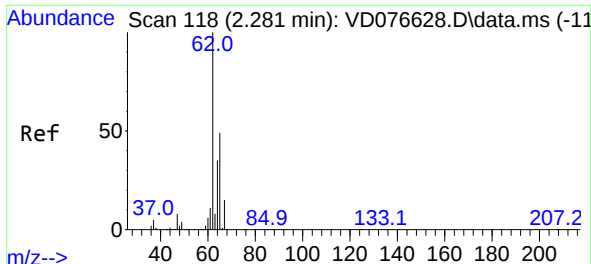
Tgt Ion: 85 Resp: 98429
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.3 39.5



#3
 Chloromethane
 Concen: 23.139 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD076649.D
 Acq: 29 Jun 2023 20:23

Tgt Ion: 50 Resp: 145246
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.2 43.2

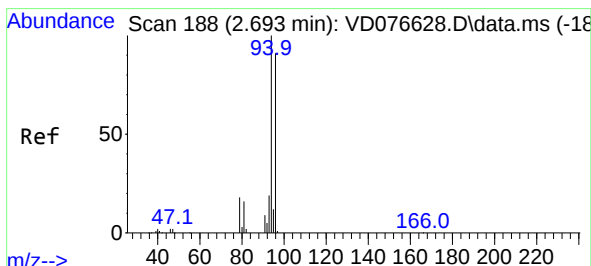
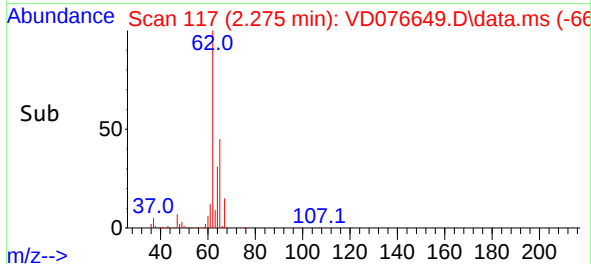
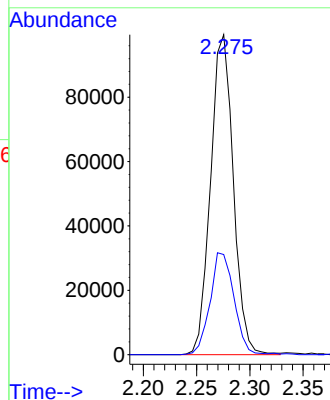
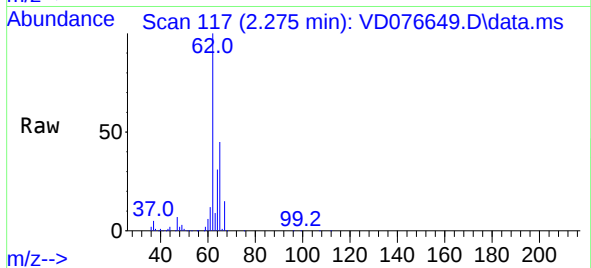




#5
 Vinyl chloride
 Concen: 21.837 ug/L
 RT: 2.275 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD076649.D
 Acq: 29 Jun 2023 20:23

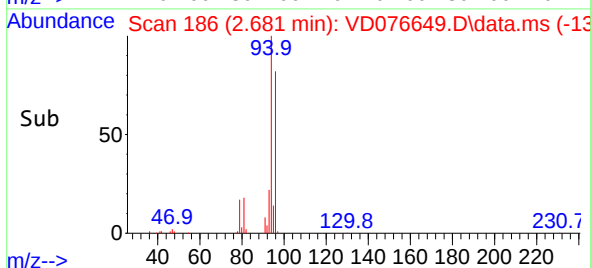
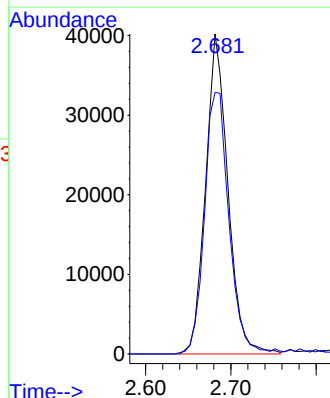
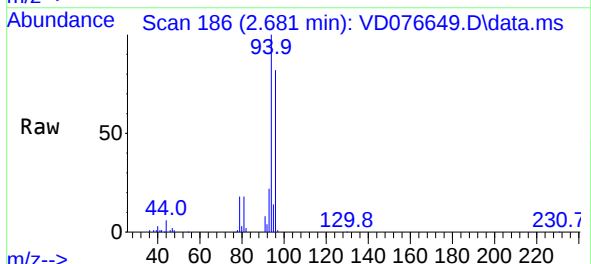
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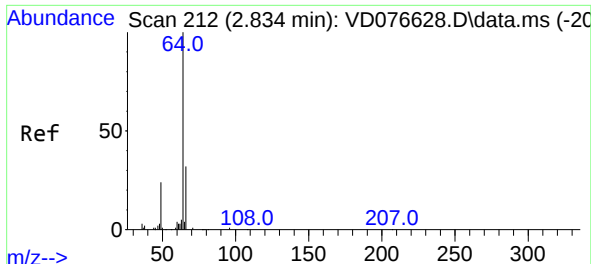
Tgt Ion: 62 Resp: 147872
 Ion Ratio Lower Upper
 62 100
 64 31.3 21.1 39.1



#6
 Bromomethane
 Concen: 19.504 ug/L
 RT: 2.681 min Scan# 186
 Delta R.T. -0.006 min
 Lab File: VD076649.D
 Acq: 29 Jun 2023 20:23

Tgt Ion: 94 Resp: 73154
 Ion Ratio Lower Upper
 94 100
 96 81.8 64.7 120.1

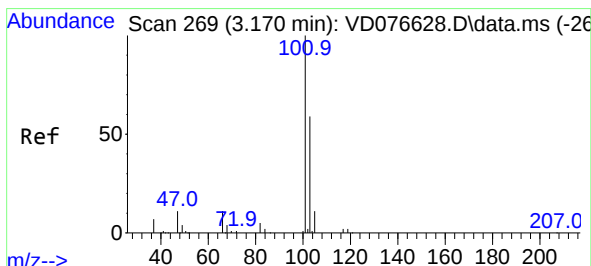
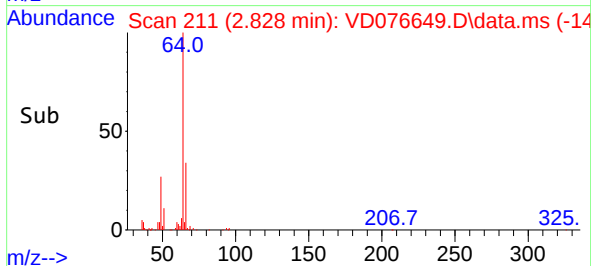
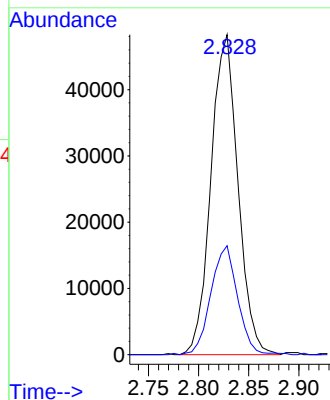
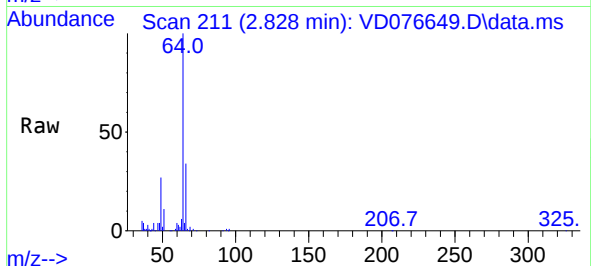




#8
Chloroethane
Concen: 21.846 ug/L
RT: 2.828 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

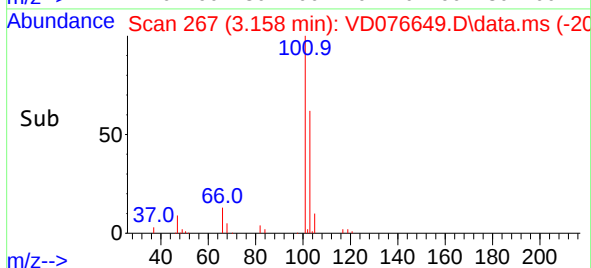
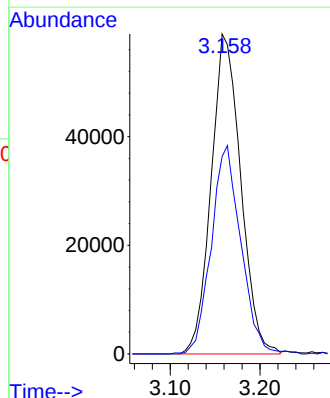
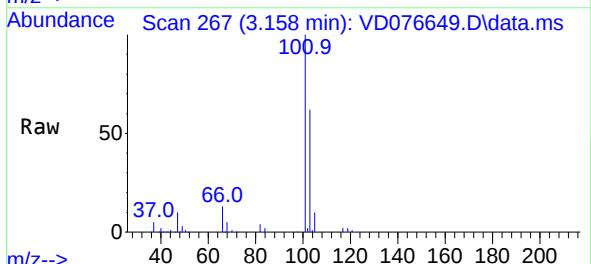
Instrument :
MSVOA_D
ClientSampleId :

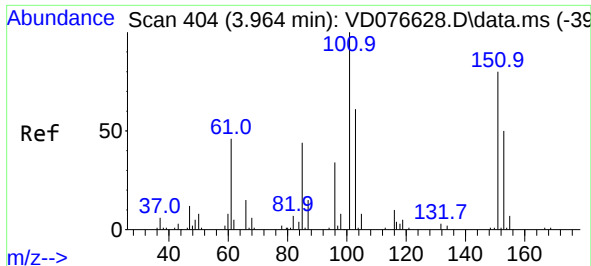
Tgt Ion: 64 Resp: 90615
Ion Ratio Lower Upper
64 100
66 34.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 27.542 ug/L
RT: 3.158 min Scan# 267
Delta R.T. -0.012 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

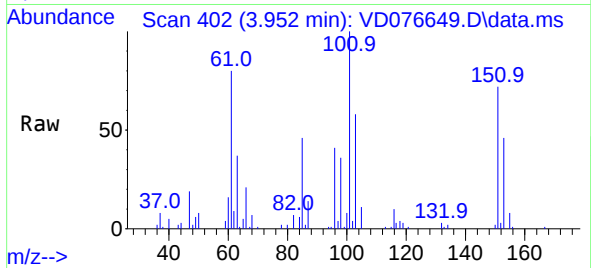
Tgt Ion: 101 Resp: 134850
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.6



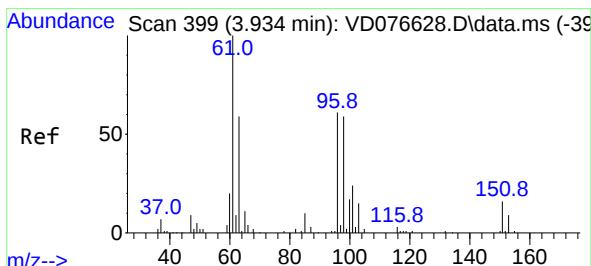
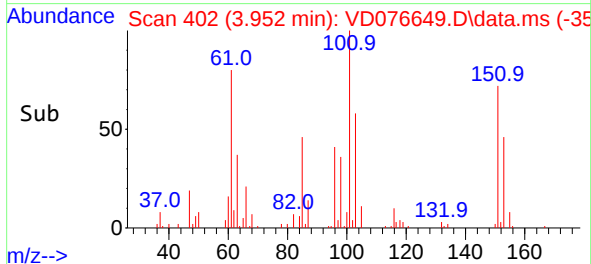
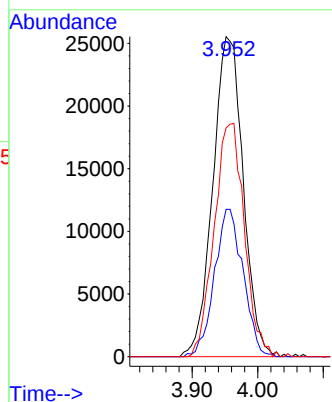


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.814 ug/L
RT: 3.952 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

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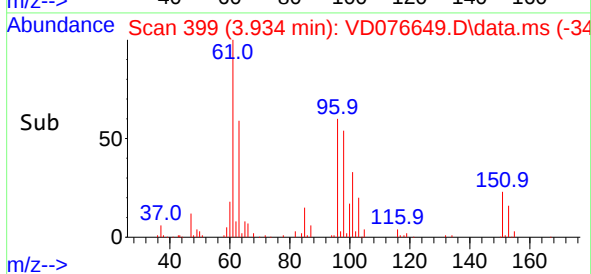
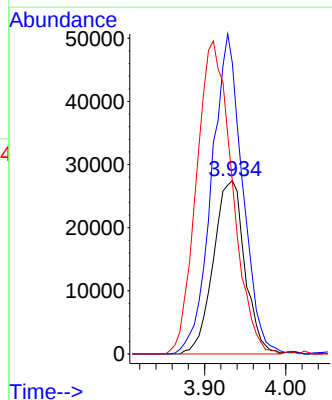
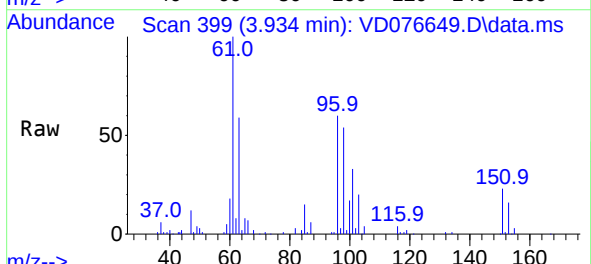


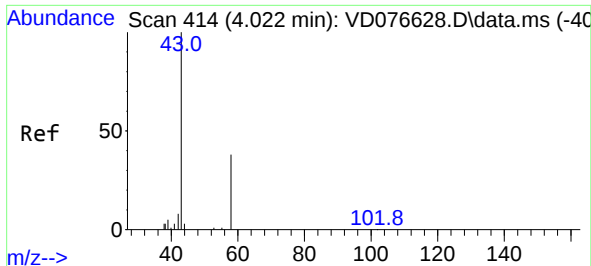
Tgt Ion:101 Resp: 81984
Ion Ratio Lower Upper
101 100
85 43.4 35.5 53.3
151 72.4 58.6 87.8



#12
1,1-Dichloroethene
Concen: 23.432 ug/L
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

Tgt Ion: 96 Resp: 73691
Ion Ratio Lower Upper
96 100
61 167.7 113.0 209.8
63 99.6 83.6 155.2

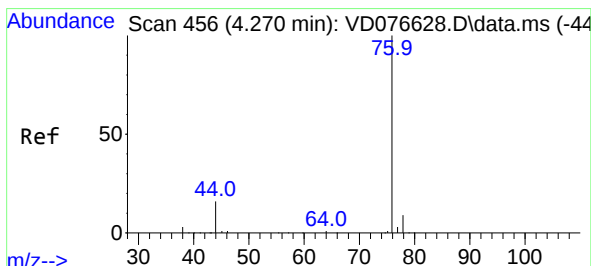
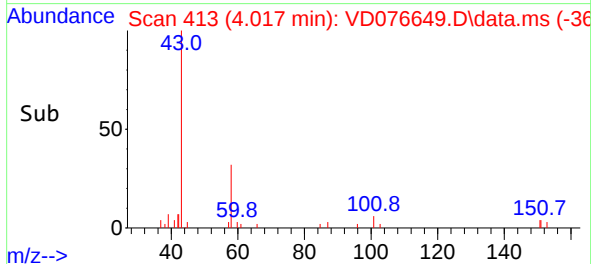
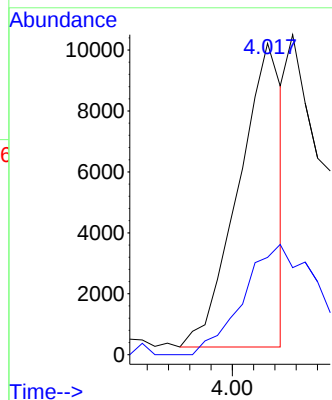
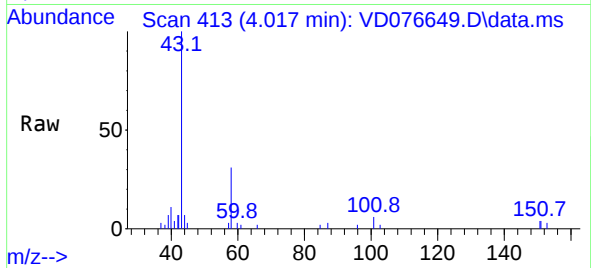




#13
Acetone
Concen: 19.637 ug/L
RT: 4.017 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

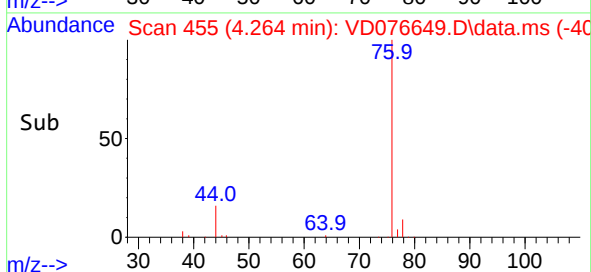
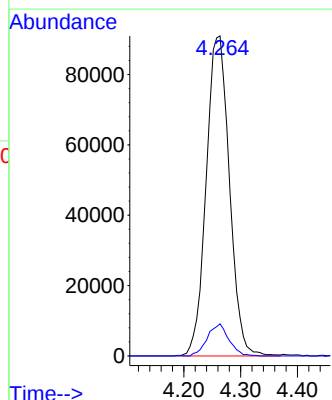
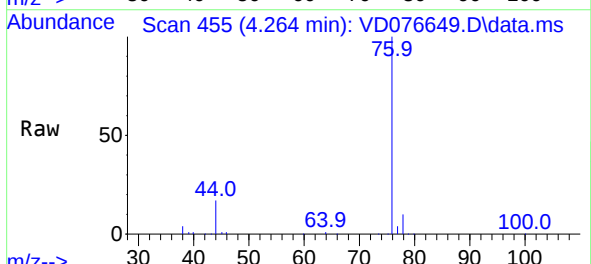
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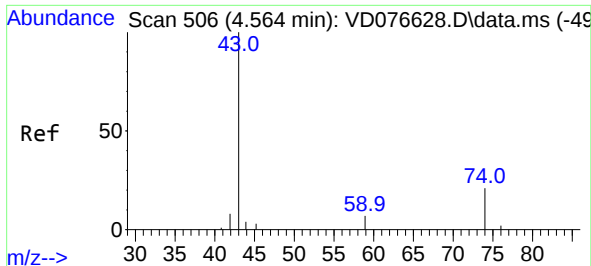
Tgt Ion: 43 Resp: 14175
Ion Ratio Lower Upper
43 100
58 66.1 0.0 67.4



#14
Carbon disulfide
Concen: 22.657 ug/L
RT: 4.264 min Scan# 455
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

Tgt Ion: 76 Resp: 258290
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.4

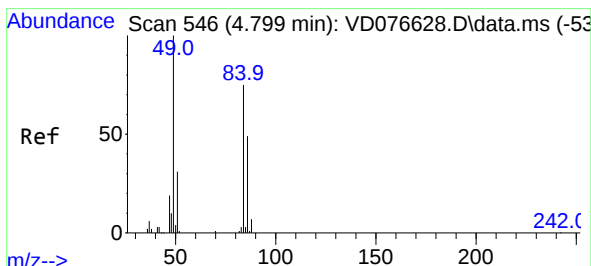
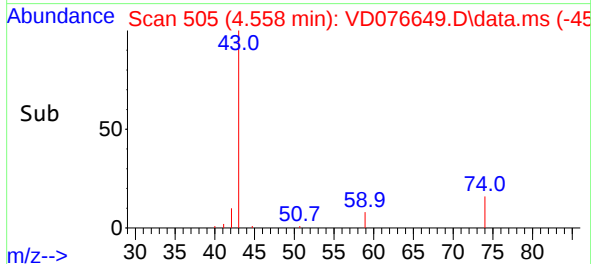
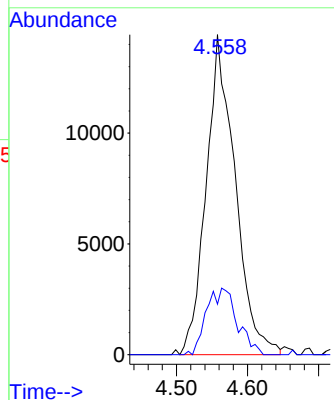
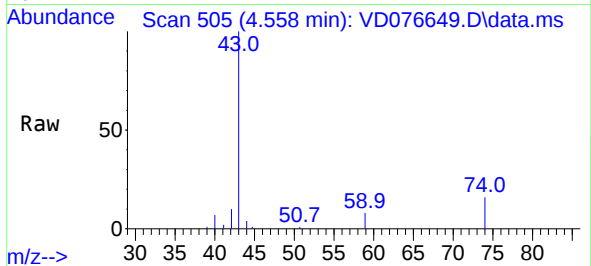




#15
Methyl Acetate
Concen: 24.858 ug/L
RT: 4.558 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

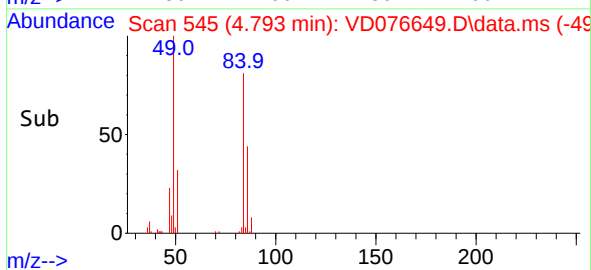
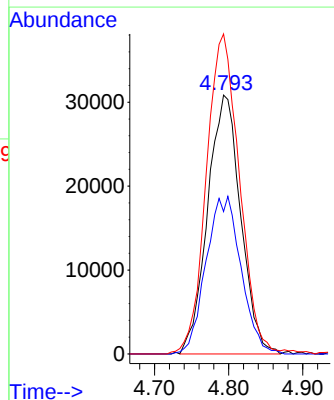
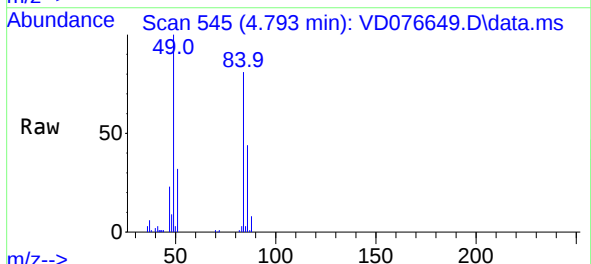
Instrument :
MSVOA_D
ClientSampleId :

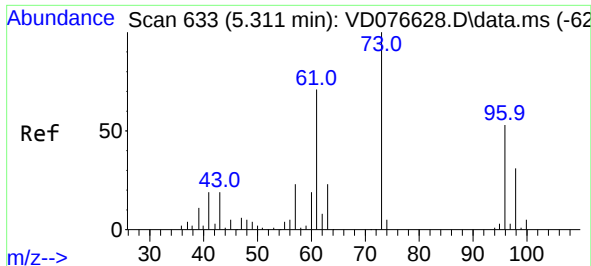
Tgt Ion: 43 Resp: 40963
Ion Ratio Lower Upper
43 100
74 8.8 18.2 27.2#



#16
Methylene chloride
Concen: 22.712 ug/L
RT: 4.793 min Scan# 545
Delta R.T. 0.006 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

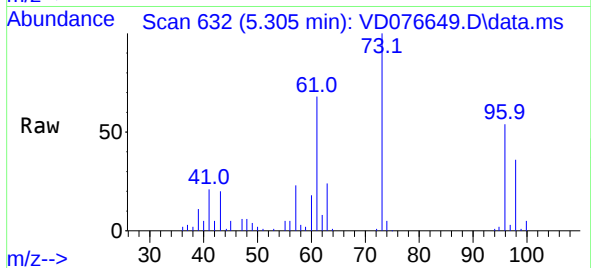
Tgt Ion: 84 Resp: 95660
Ion Ratio Lower Upper
84 100
86 55.0 45.1 83.9
49 123.6 97.2 180.6



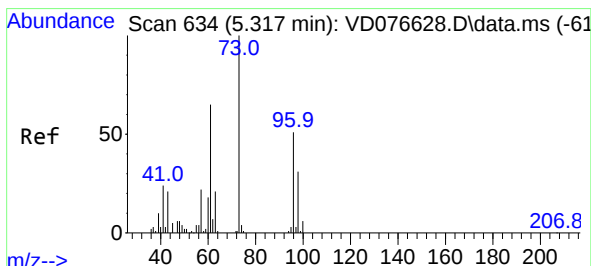
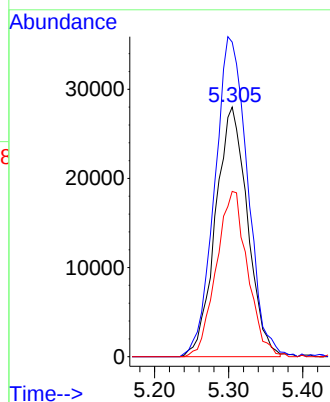
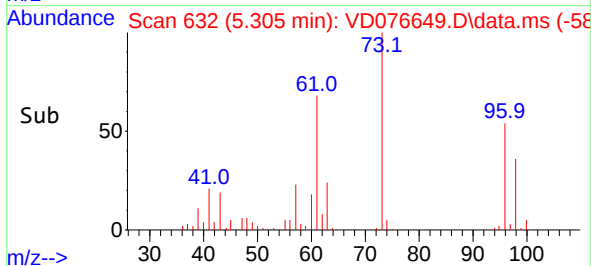


#17
trans-1,2-Dichloroethene
Concen: 23.958 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

Instrument :
MSVOA_D
ClientSampleId :

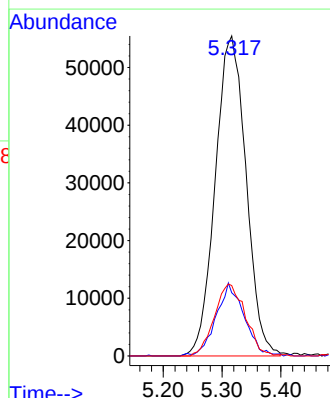
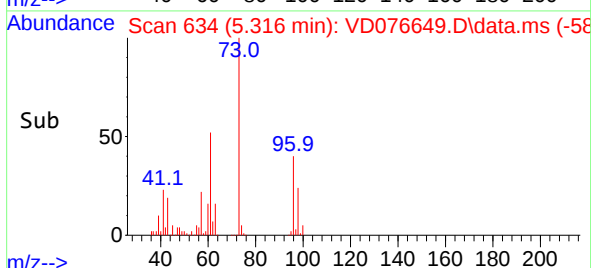
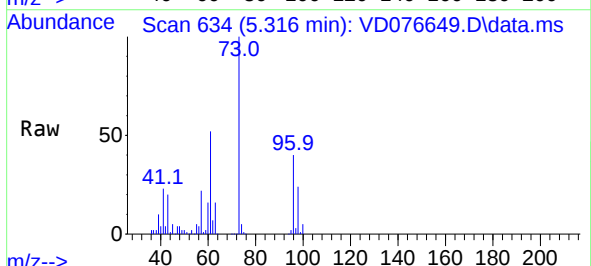


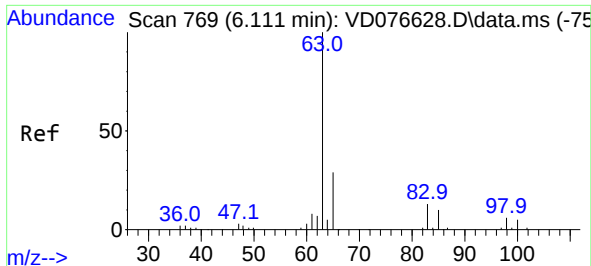
Tgt Ion: 96 Resp: 84003
Ion Ratio Lower Upper
96 100
61 126.0 94.5 175.5
98 66.2 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 25.256 ug/L
RT: 5.316 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

Tgt Ion: 73 Resp: 201604
Ion Ratio Lower Upper
73 100
43 20.2 7.2 10.8#
57 22.5 18.6 28.0





#19

1,1-Dichloroethane

Concen: 24.241 ug/L

RT: 6.105 min Scan# 7

Delta R.T. 0.000 min

Lab File: VD076649.D

Acq: 29 Jun 2023 20:23

Instrument :

MSVOA_D

ClientSampleId :

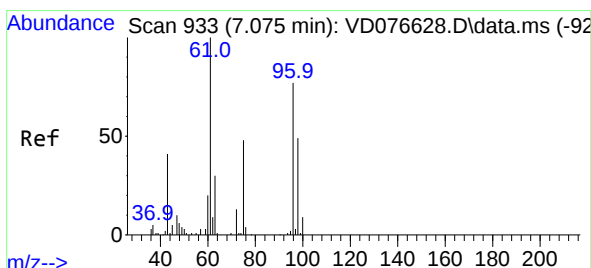
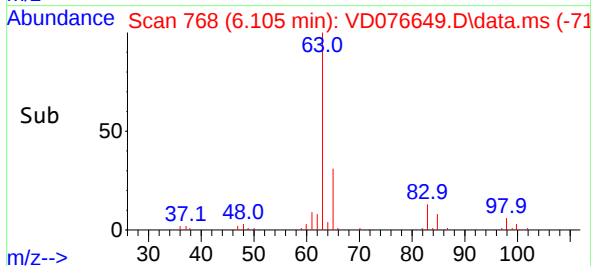
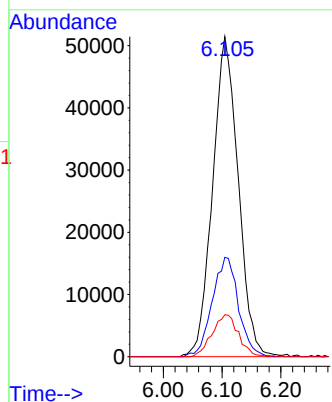
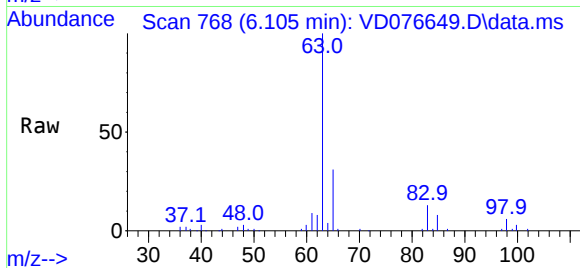
Tgt Ion: 63 Resp: 155394

Ion Ratio Lower Upper

63 100

65 31.1 20.8 38.6

83 13.1 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 24.068 ug/L

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD076649.D

Acq: 29 Jun 2023 20:23

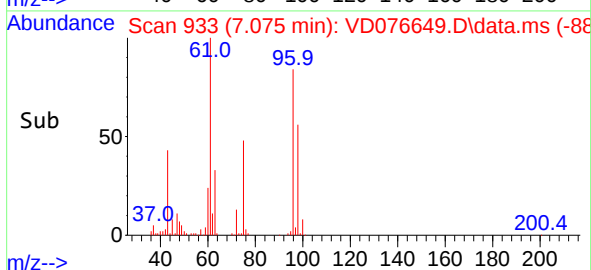
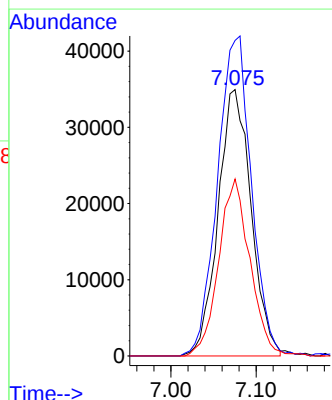
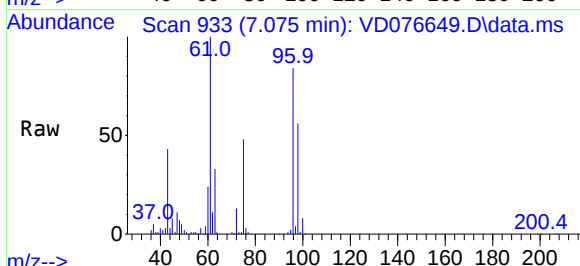
Tgt Ion: 96 Resp: 94245

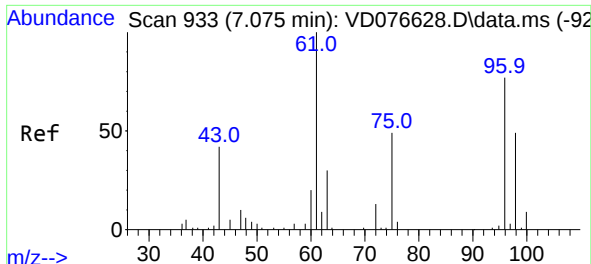
Ion Ratio Lower Upper

96 100

61 118.4 86.0 159.6

98 66.4 42.2 78.4

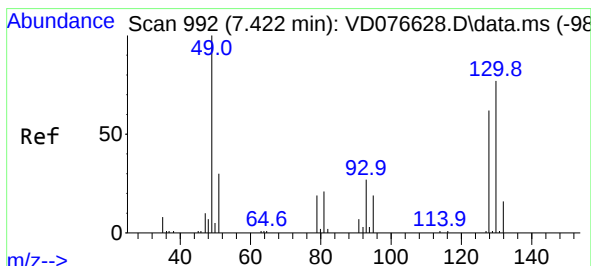
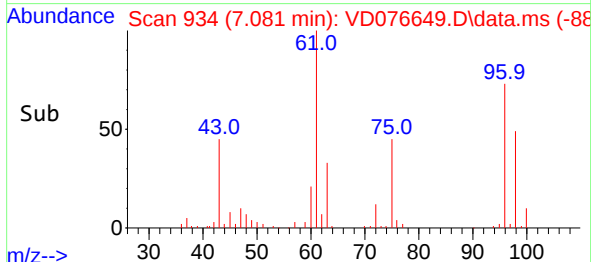
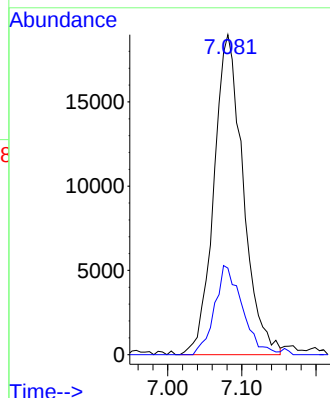
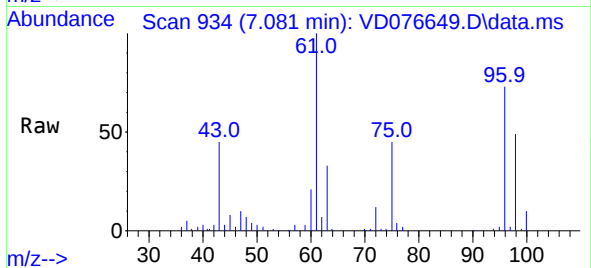




#22
2-Butanone
Concen: 44.690 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

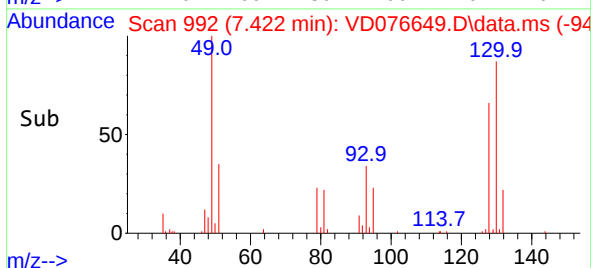
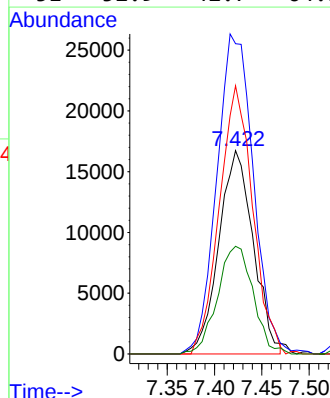
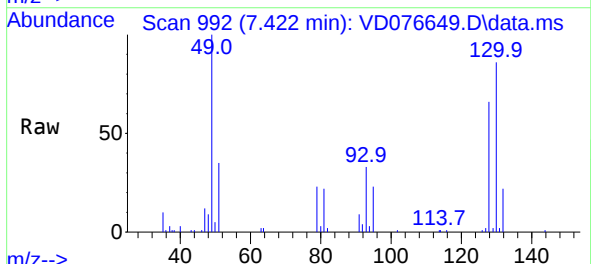
Instrument :
MSVOA_D
ClientSampleId :

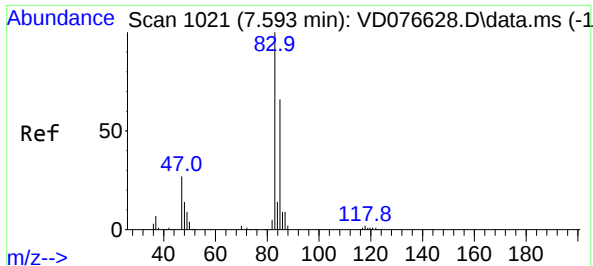
Tgt Ion: 43 Resp: 52061
Ion Ratio Lower Upper
43 100
72 25.4 12.9 38.7



#23
Bromochloromethane
Concen: 25.450 ug/L
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

Tgt Ion:128 Resp: 42295
Ion Ratio Lower Upper
128 100
49 152.6 124.7 231.7
130 131.9 80.0 148.6
51 52.9 42.7 64.1





#25

Chloroform

Concen: 25.405 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD076649.D

Acq: 29 Jun 2023 20:23

Instrument :

MSVOA_D

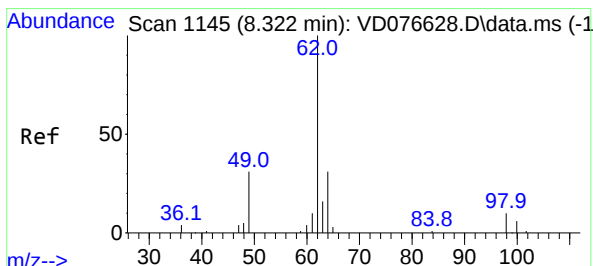
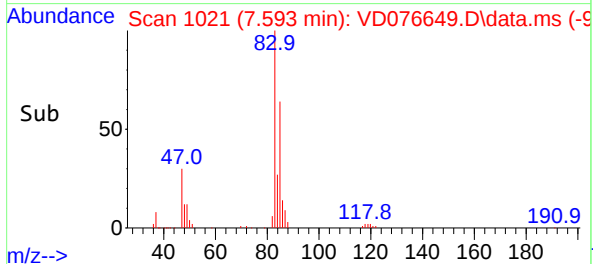
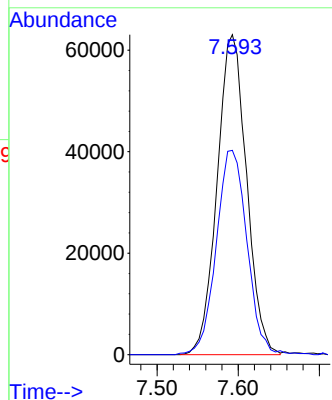
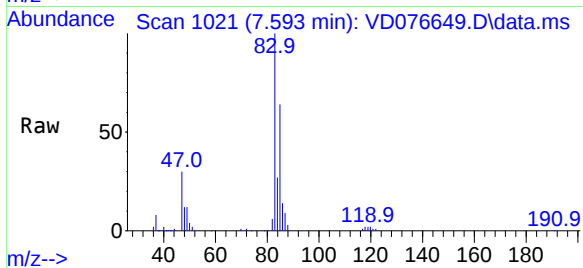
ClientSampleId :

Tgt Ion: 83 Resp: 158932

Ion Ratio Lower Upper

83 100

85 63.8 45.4 84.4



#27

1,2-Dichloroethane

Concen: 27.391 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VD076649.D

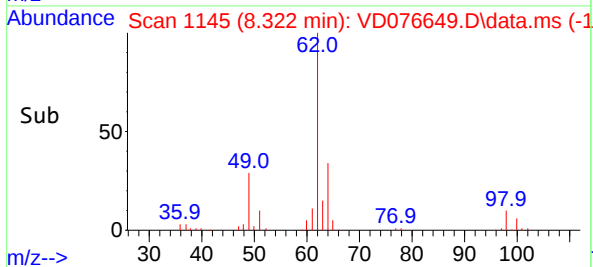
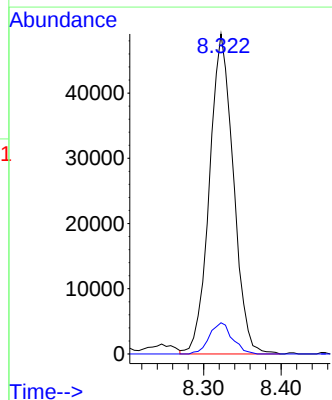
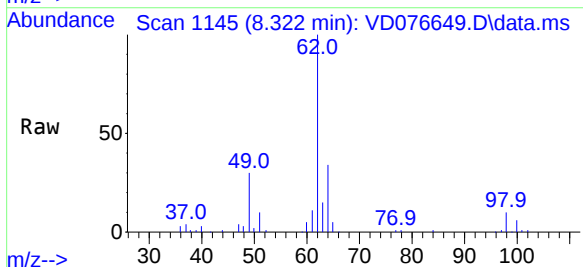
Acq: 29 Jun 2023 20:23

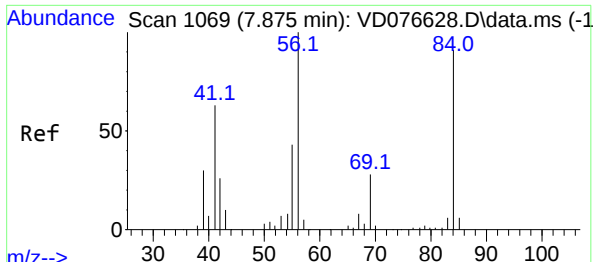
Tgt Ion: 62 Resp: 105380

Ion Ratio Lower Upper

62 100

98 9.8 8.7 13.1





#29

Cyclohexane

Concen: 21.643 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076649.D

Acq: 29 Jun 2023 20:23

Instrument :

MSVOA_D

ClientSampleId :

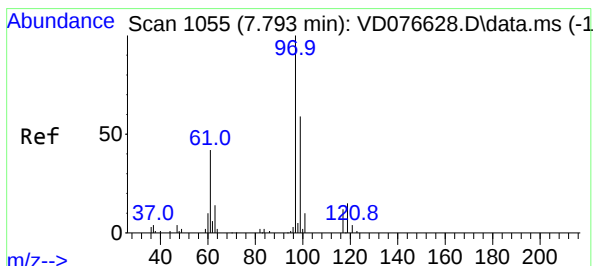
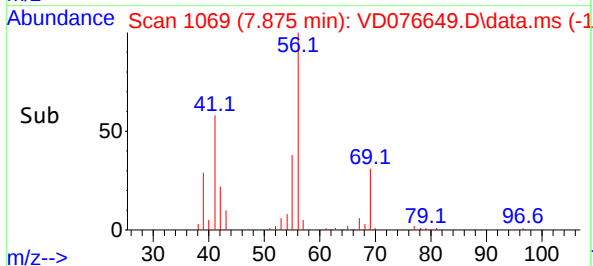
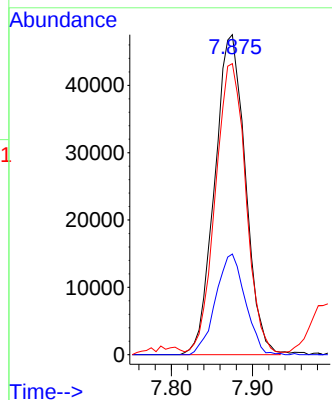
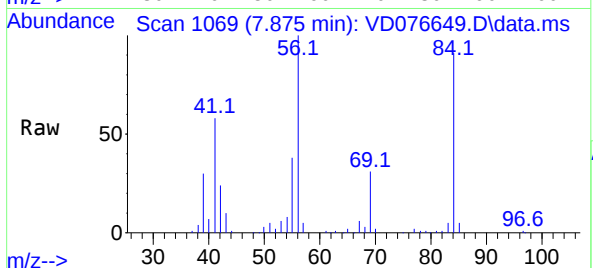
Tgt Ion: 56 Resp: 124769

Ion Ratio Lower Upper

56 100

69 30.3 23.4 35.0

84 90.9 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 27.107 ug/L

RT: 7.787 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VD076649.D

Acq: 29 Jun 2023 20:23

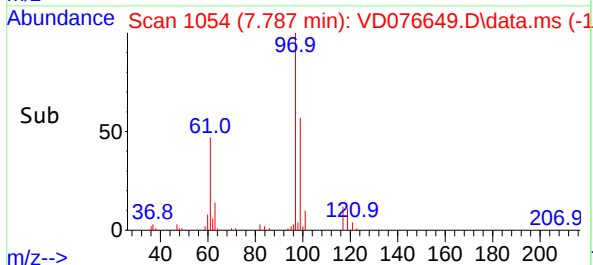
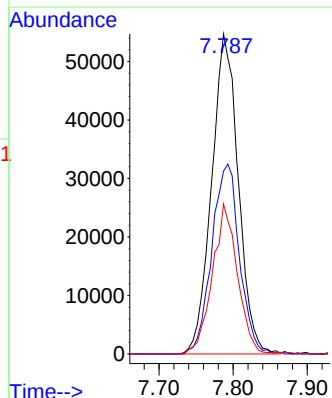
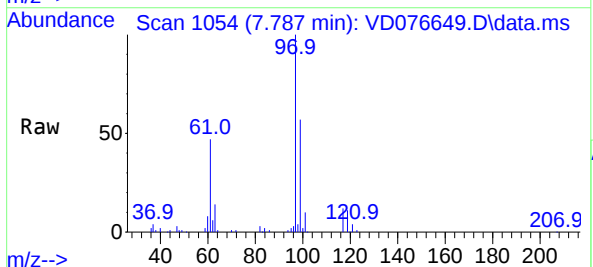
Tgt Ion: 97 Resp: 136513

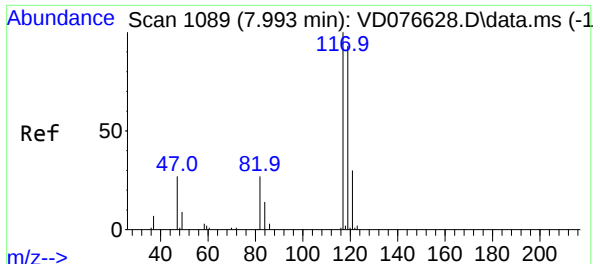
Ion Ratio Lower Upper

97 100

99 61.5 51.0 76.6

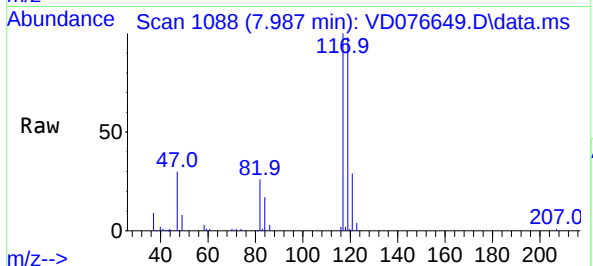
61 44.0 36.4 54.6



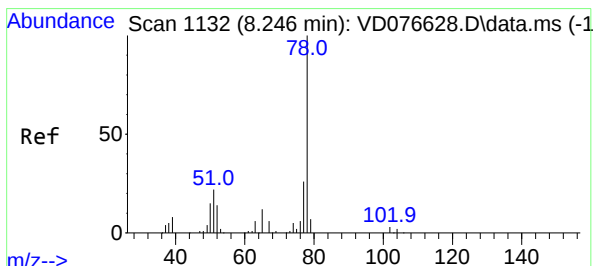
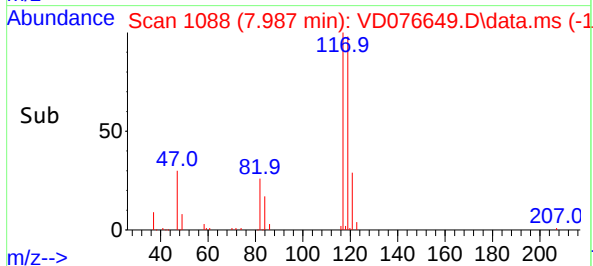
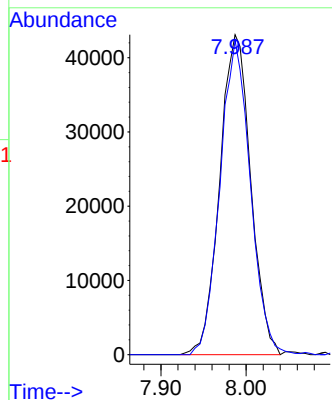


#31
Carbon tetrachloride
Concen: 27.065 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

Instrument :
MSVOA_D
ClientSampleId :

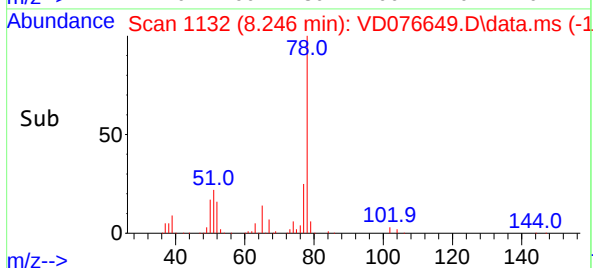
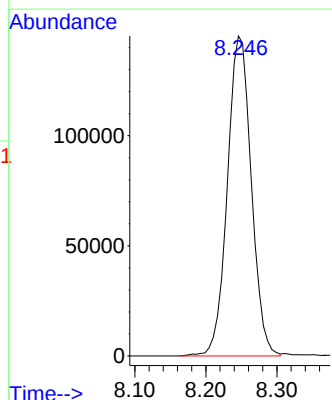
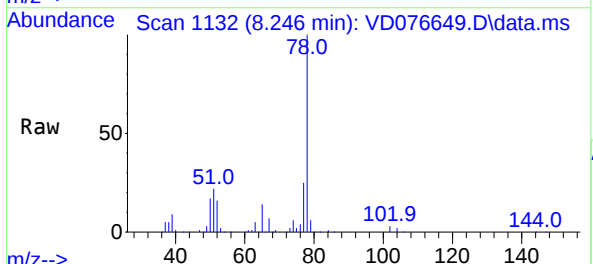


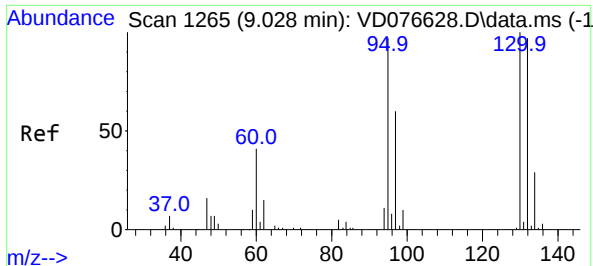
Tgt Ion:117 Resp: 109010
Ion Ratio Lower Upper
117 100
119 96.0 77.8 116.6



#33
Benzene
Concen: 23.717 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

Tgt Ion: 78 Resp: 340284

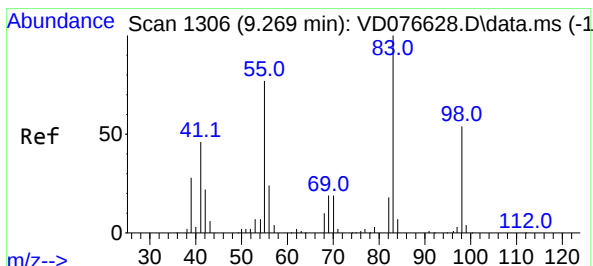
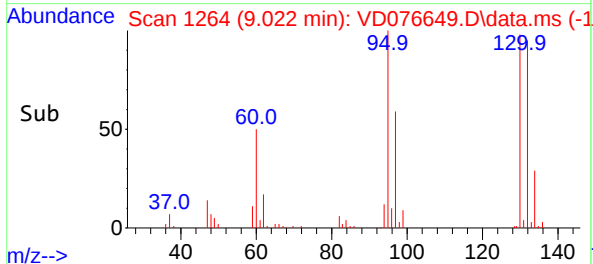
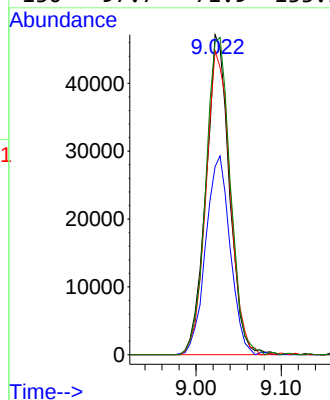
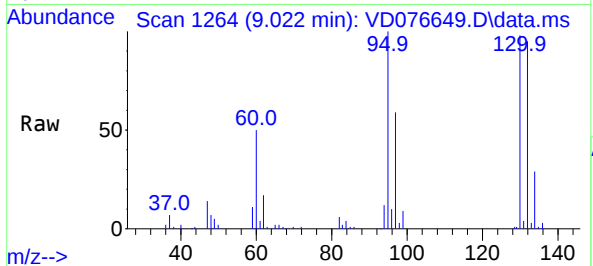




#34
Trichloroethene
Concen: 24.501 ug/L
RT: 9.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

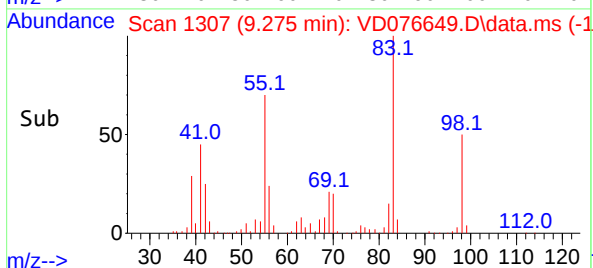
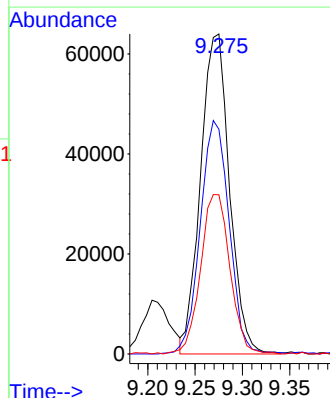
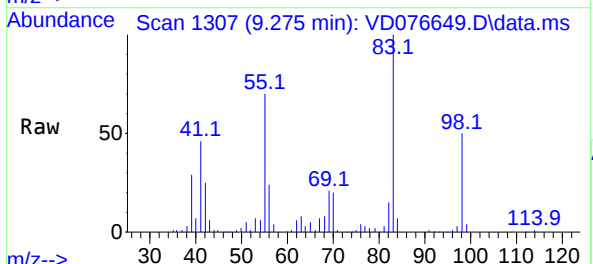
Instrument :
MSVOA_D
ClientSampleId :

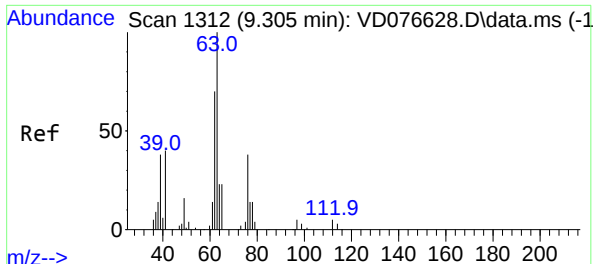
Tgt Ion: 95 Resp: 90304
Ion Ratio Lower Upper
95 100
97 58.7 43.1 80.1
132 94.9 71.8 133.4
130 97.7 71.9 133.5



#35
Methylcyclohexane
Concen: 22.920 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.006 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

Tgt Ion: 83 Resp: 136225
Ion Ratio Lower Upper
83 100
55 72.7 59.8 89.6
98 50.6 37.8 56.6

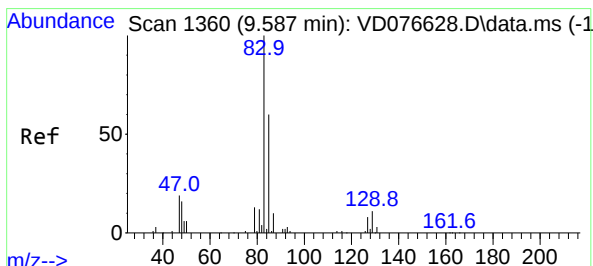
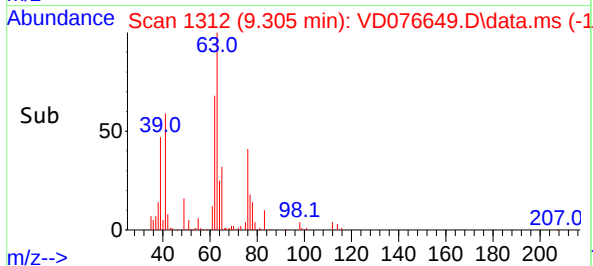
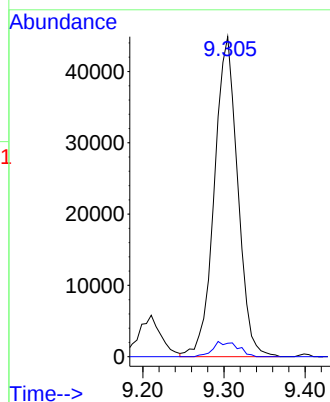
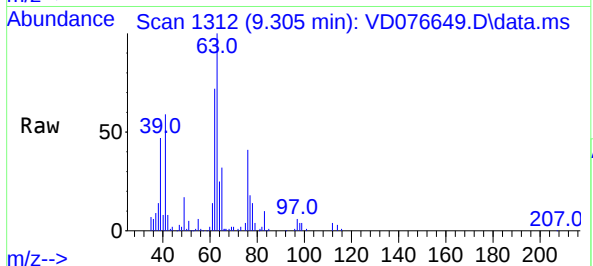




#37
1,2-Dichloropropane
Concen: 22.936 ug/L
RT: 9.305 min Scan# 111
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

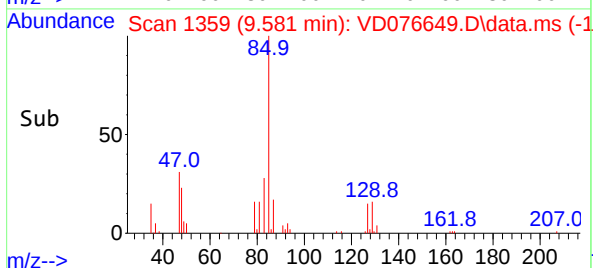
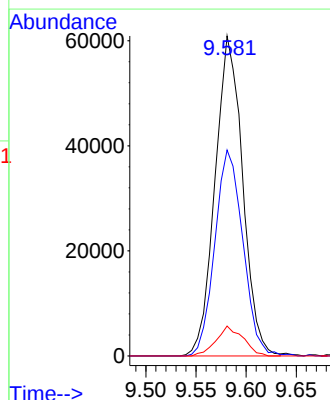
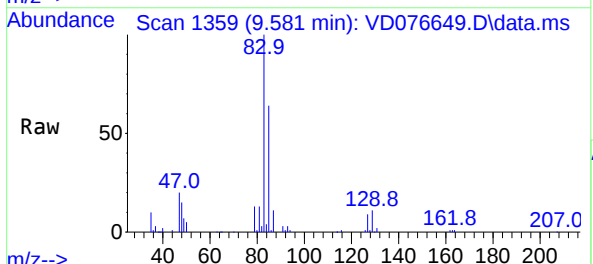
Instrument :
MSVOA_D
ClientSampleId :

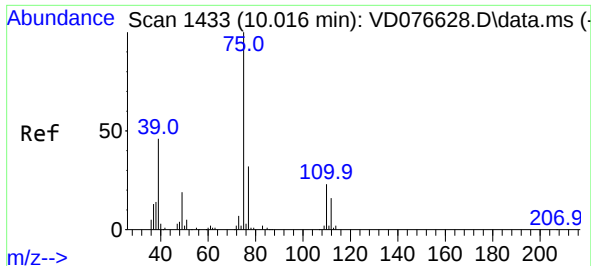
Tgt Ion: 63 Resp: 89717
Ion Ratio Lower Upper
63 100
112 2.7 3.1 4.7#



#38
Bromodichloromethane
Concen: 26.110 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

Tgt Ion: 83 Resp: 116490
Ion Ratio Lower Upper
83 100
85 64.4 43.9 81.5
127 9.3 6.6 9.8

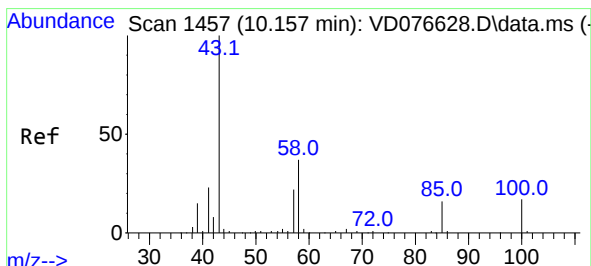
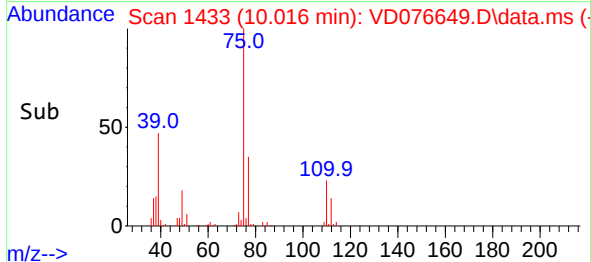
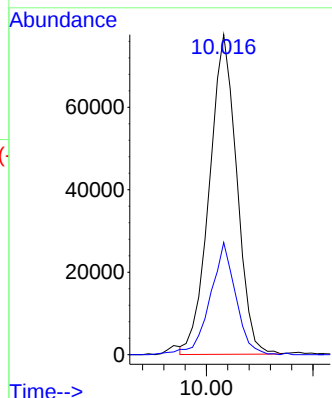
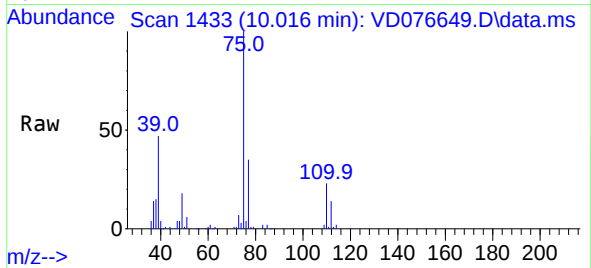




#39
 cis-1,3-Dichloropropene
 Concen: 23.184 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076649.D
 Acq: 29 Jun 2023 20:23

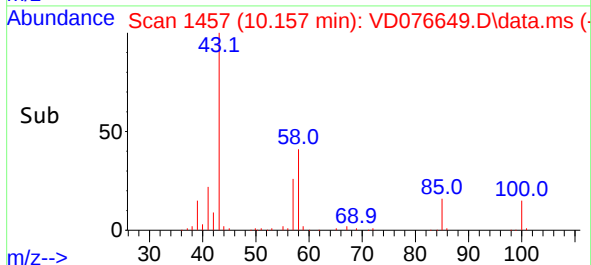
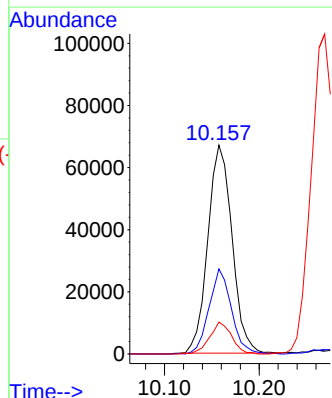
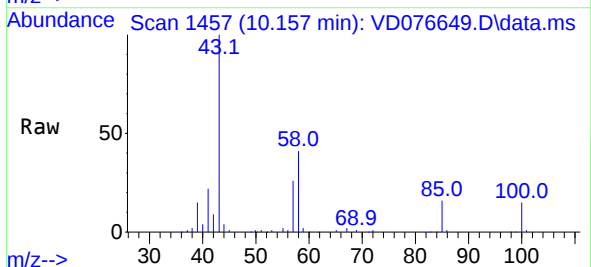
Instrument :
 MSVOA_D
 ClientSampleId :

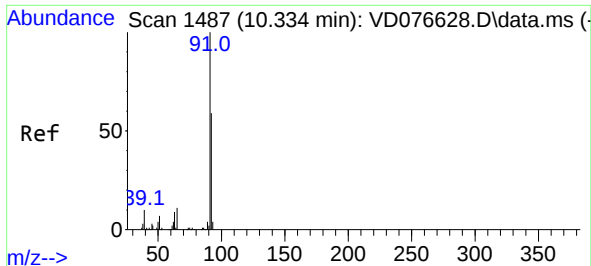
Tgt Ion: 75 Resp: 138481
 Ion Ratio Lower Upper
 75 100
 77 35.1 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 48.978 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD076649.D
 Acq: 29 Jun 2023 20:23

Tgt Ion: 43 Resp: 119184
 Ion Ratio Lower Upper
 43 100
 58 37.6 30.7 46.1
 100 13.9 11.0 16.4

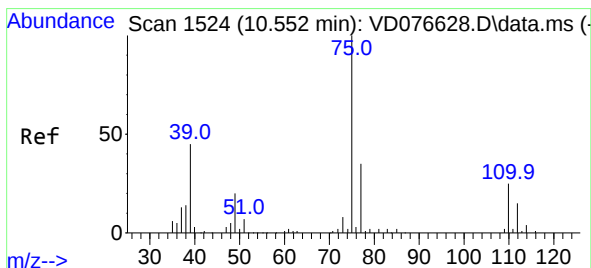
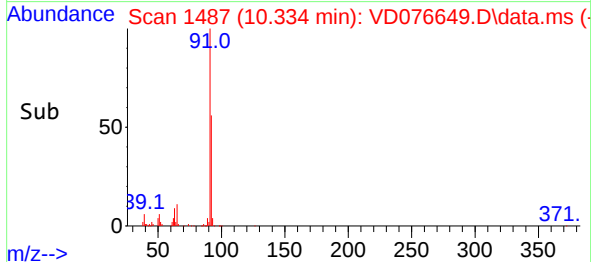
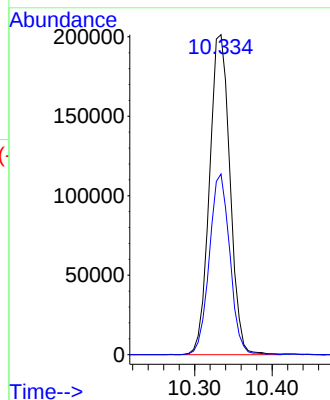
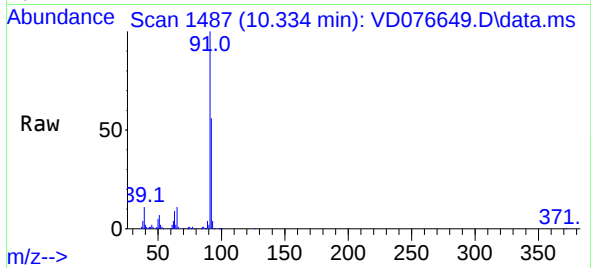




#42
Toluene
Concen: 24.108 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

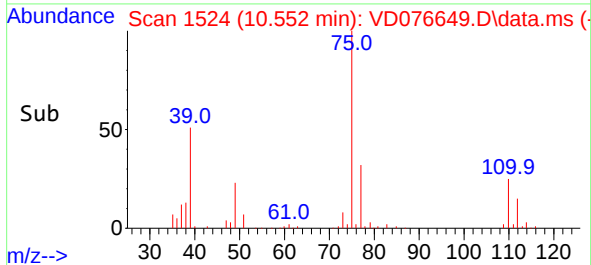
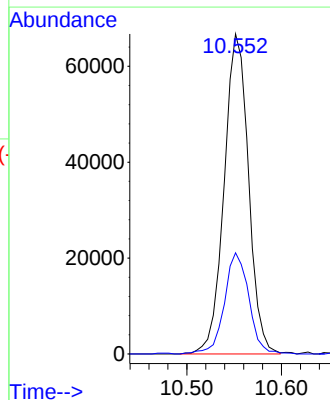
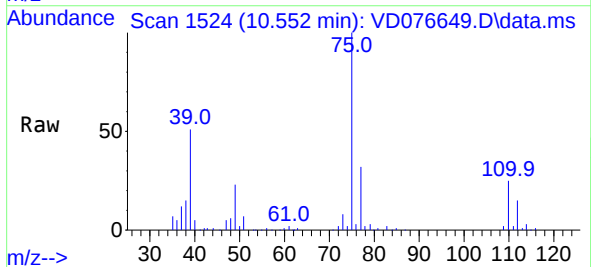
Instrument :
MSVOA_D
ClientSampleId :

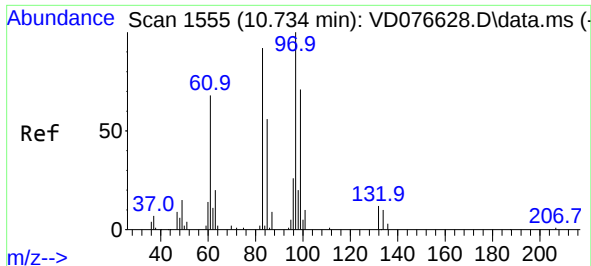
Tgt Ion: 91 Resp: 369636
Ion Ratio Lower Upper
91 100
92 56.5 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 24.615 ug/L
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

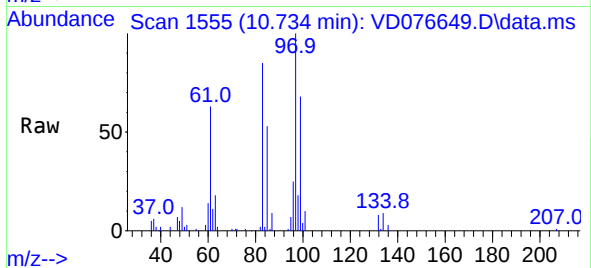
Tgt Ion: 75 Resp: 119508
Ion Ratio Lower Upper
75 100
77 31.6 22.5 41.7





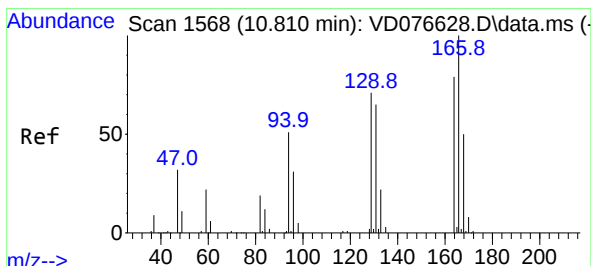
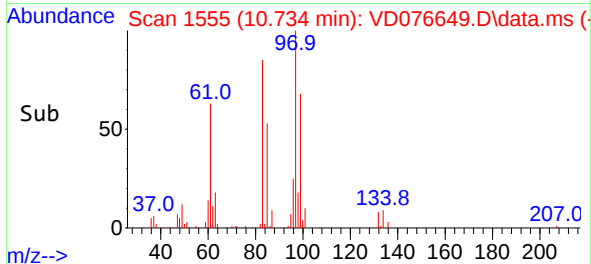
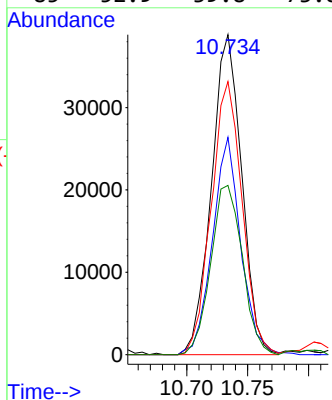
#45
1,1,2-Trichloroethane
Concen: 25.022 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 97 Resp: 67136

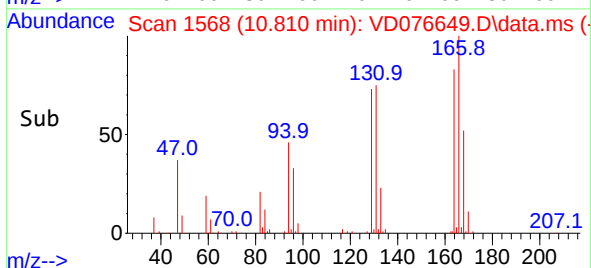
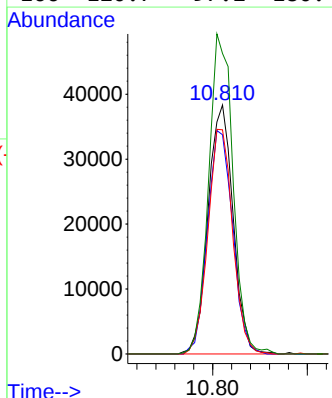
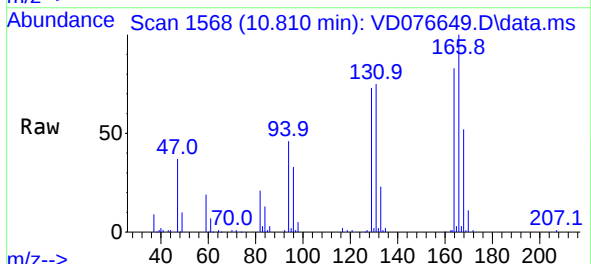
Ion	Ratio	Lower	Upper
97	100		
99	67.9	41.9	77.9
83	85.4	59.2	110.0
85	52.9	39.8	73.8

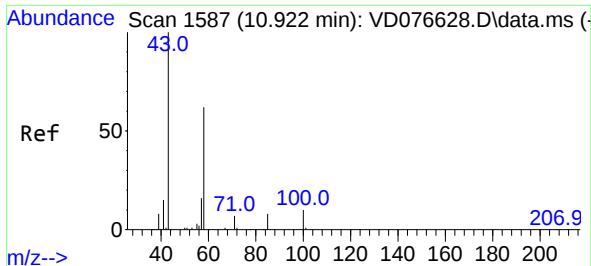


#46
Tetrachloroethene
Concen: 24.275 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

Tgt Ion: 164 Resp: 70338

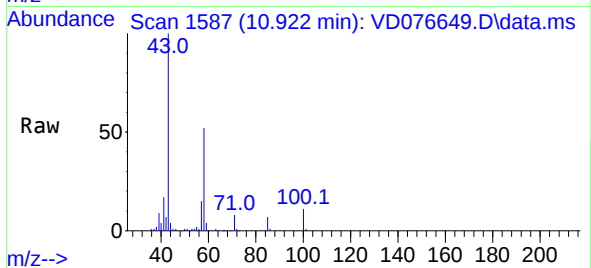
Ion	Ratio	Lower	Upper
164	100		
129	88.1	65.5	121.6
131	90.0	64.8	120.3
166	120.7	97.2	180.4



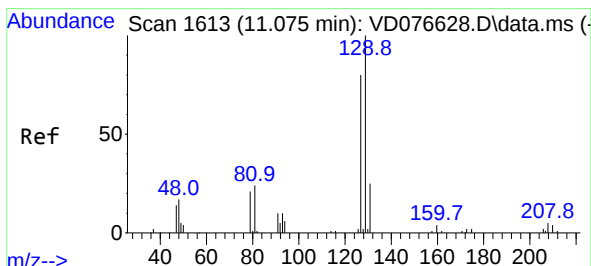
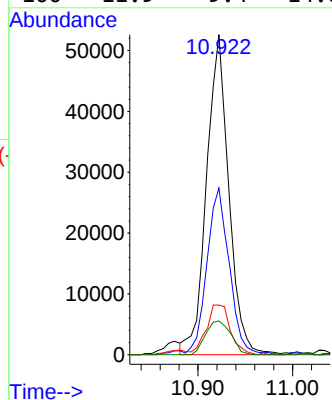
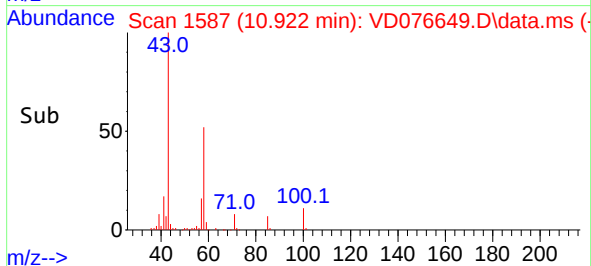


#48
2-Hexanone
Concen: 51.574 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

Instrument :
MSVOA_D
ClientSampleId :

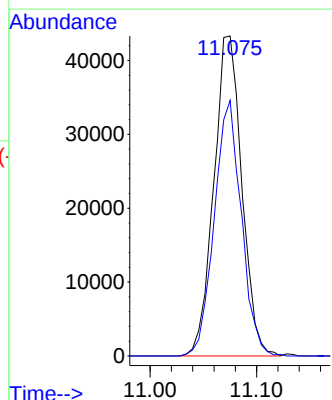
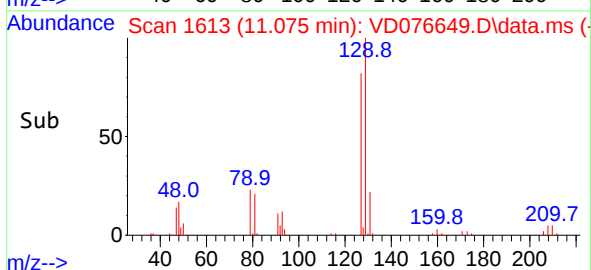
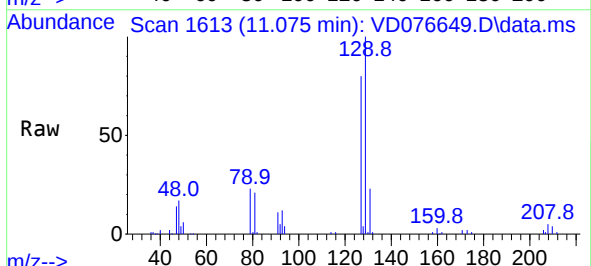


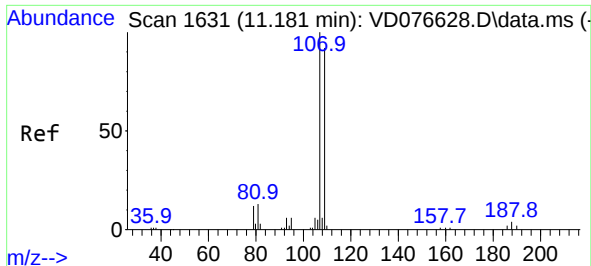
Tgt Ion: 43 Resp: 85952
Ion Ratio Lower Upper
43 100
58 52.0 42.9 64.3
57 16.6 13.7 20.5
100 11.9 9.4 14.0



#49
Dibromochloromethane
Concen: 25.980 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

Tgt Ion: 129 Resp: 79218
Ion Ratio Lower Upper
129 100
127 79.9 55.2 102.6

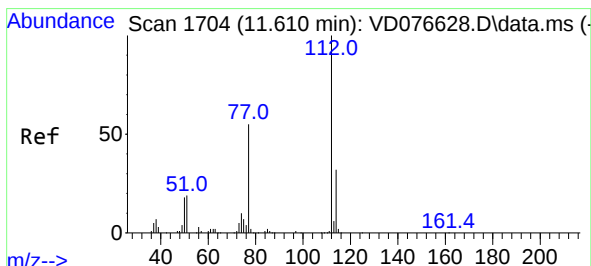
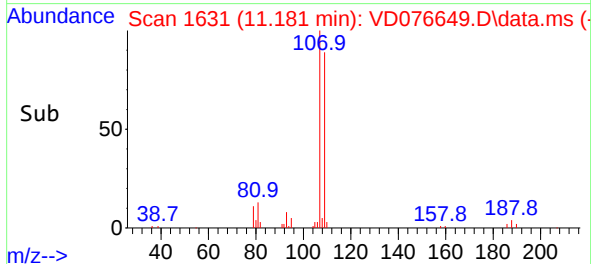
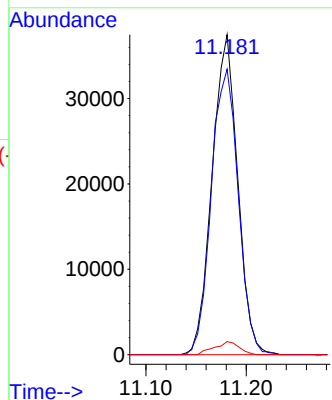
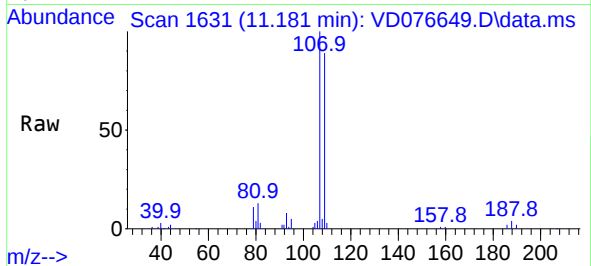




#50
1,2-Dibromoethane
Concen: 25.533 ug/L
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

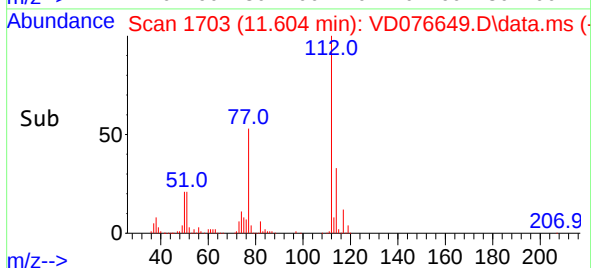
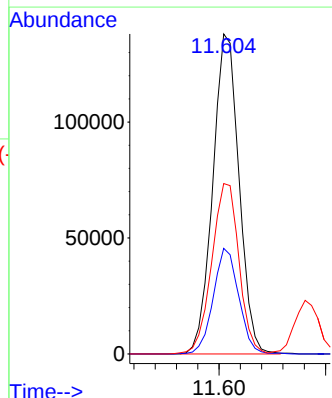
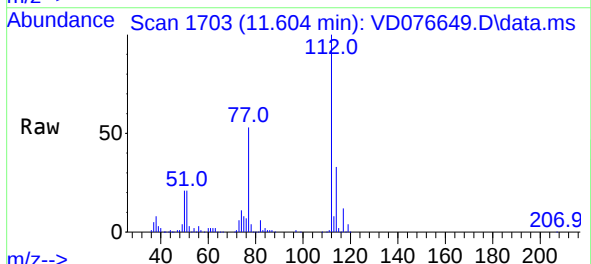
Instrument :
MSVOA_D
ClientSampleId :

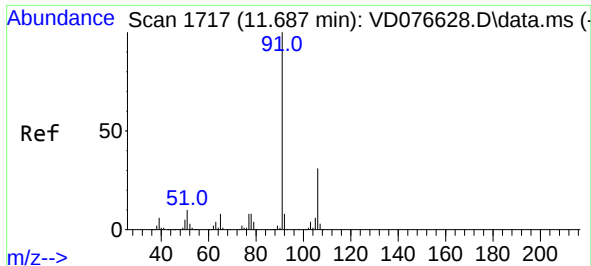
Tgt Ion:	107	Resp:	66492
Ion	Ratio	Lower	Upper
107	100		
109	89.2	58.8	109.2
188	4.1	2.9	4.3



#51
Chlorobenzene
Concen: 24.626 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

Tgt Ion:	112	Resp:	235730
Ion	Ratio	Lower	Upper
112	100		
114	33.0	21.5	39.9
77	53.2	43.4	65.2

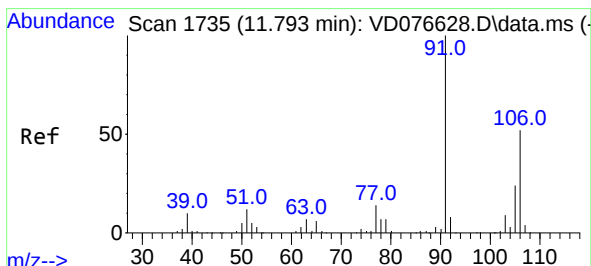
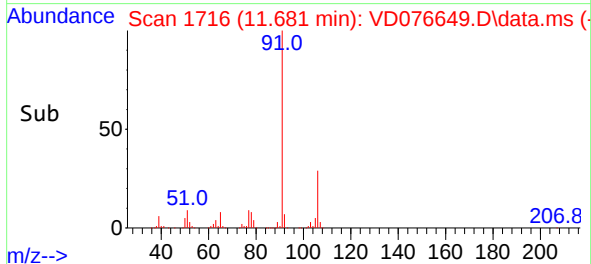
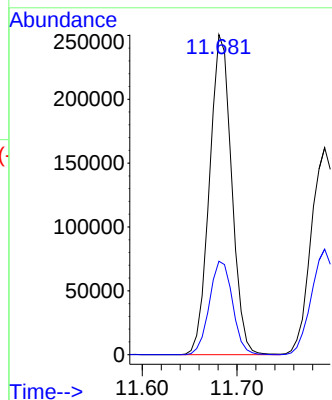
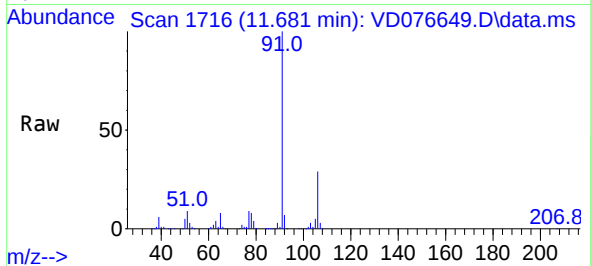




#52
Ethylbenzene
Concen: 24.581 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

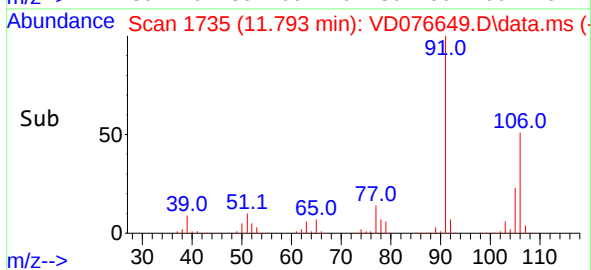
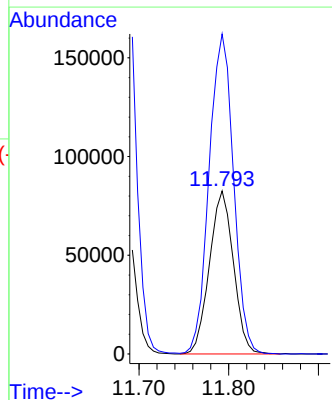
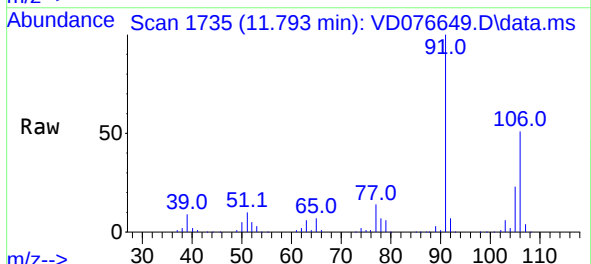
Instrument :
MSVOA_D
ClientSampleId :

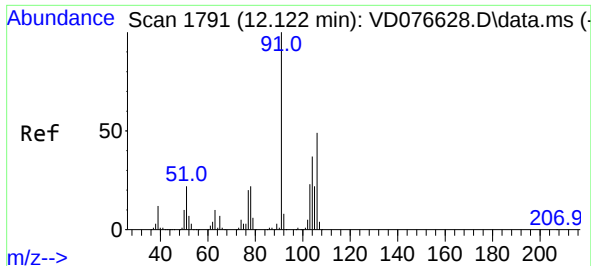
Tgt Ion: 91 Resp: 406218
Ion Ratio Lower Upper
91 100
106 29.2 22.4 41.6



#53
m,p-Xylene
Concen: 23.648 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

Tgt Ion:106 Resp: 153580
Ion Ratio Lower Upper
106 100
91 196.2 141.5 262.9

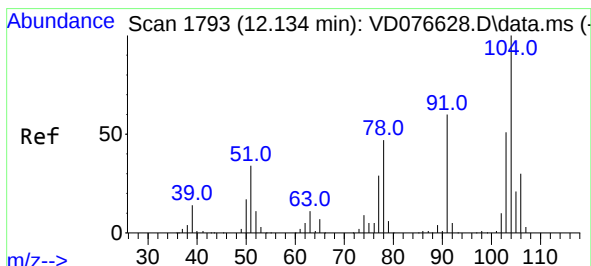
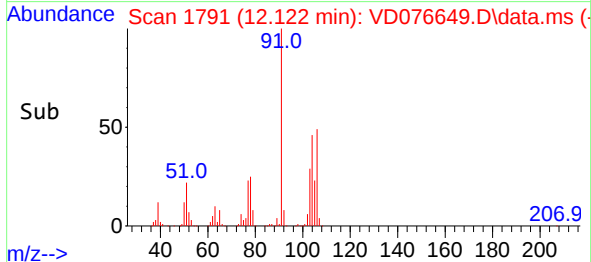
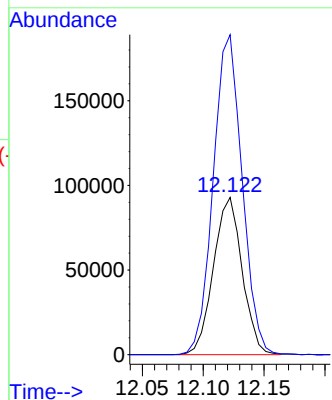
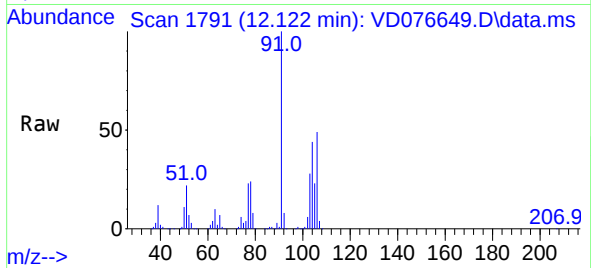




#54
o-Xylene
Concen: 24.649 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

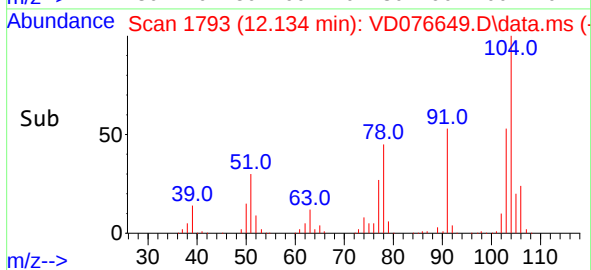
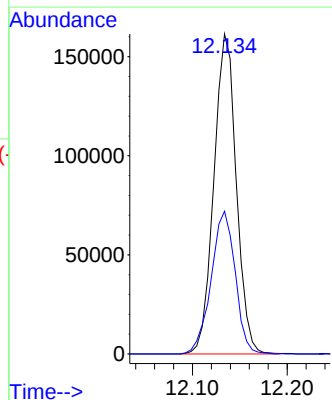
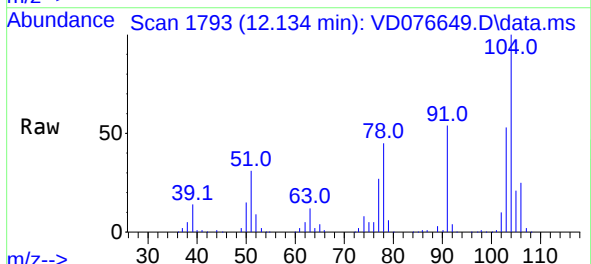
Instrument :
MSVOA_D
ClientSampleId :

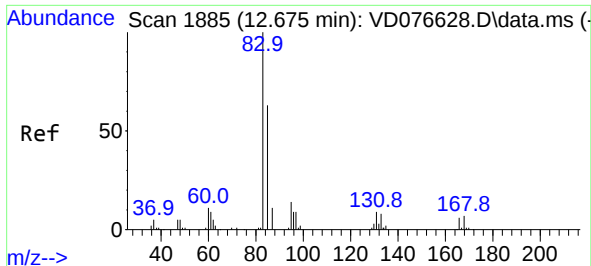
Tgt Ion:106 Resp: 152424
Ion Ratio Lower Upper
106 100
91 203.4 142.2 264.2



#55
Styrene
Concen: 24.883 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

Tgt Ion:104 Resp: 265844
Ion Ratio Lower Upper
104 100
78 44.6 31.3 58.1

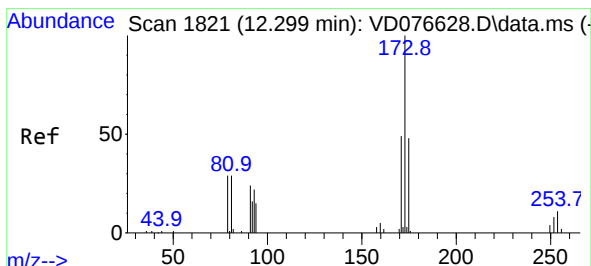
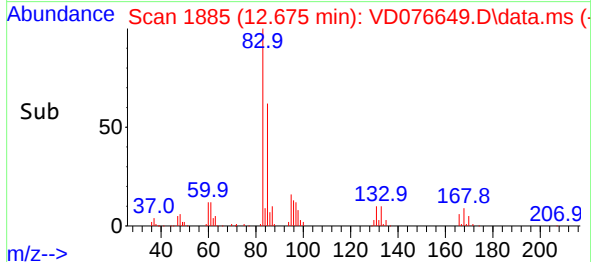
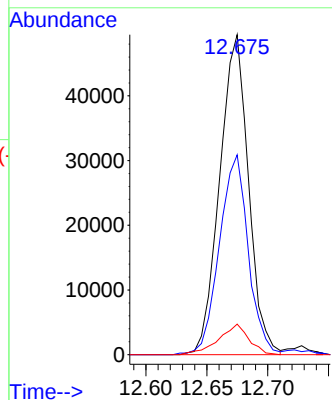
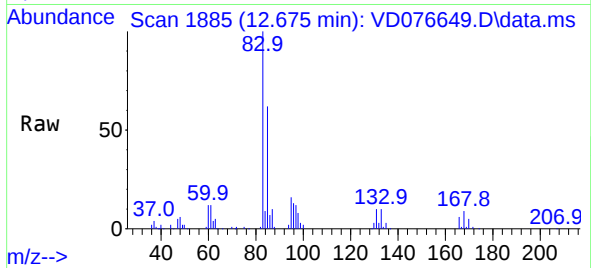




#57
1,1,2,2-Tetrachloroethane
Concen: 26.569 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

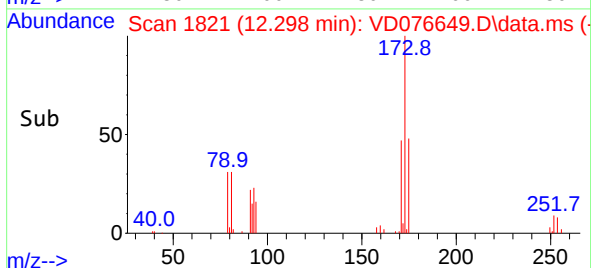
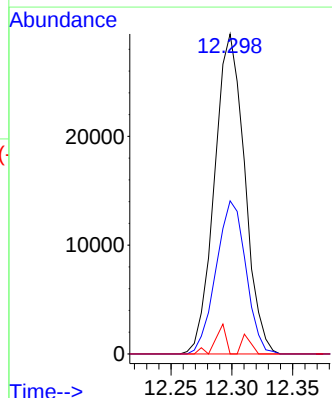
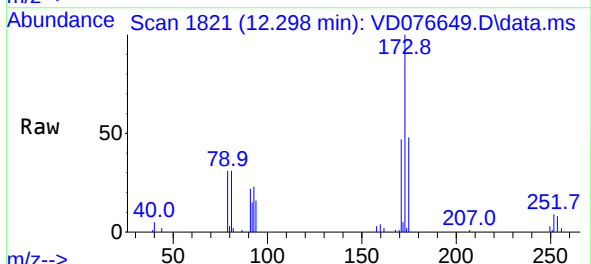
Instrument :
MSVOA_D
ClientSampleId :

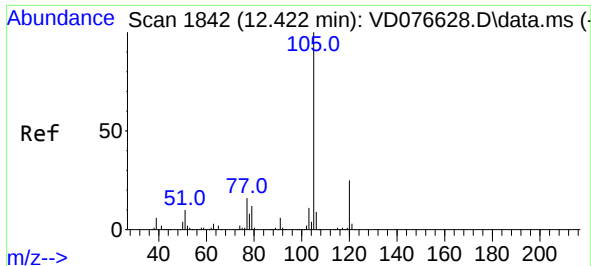
Tgt Ion:	83	Resp:	81469
Ion	Ratio	Lower	Upper
83	100		
85	62.5	46.3	86.1
131	9.6	7.0	10.4



#59
Bromoform
Concen: 26.032 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

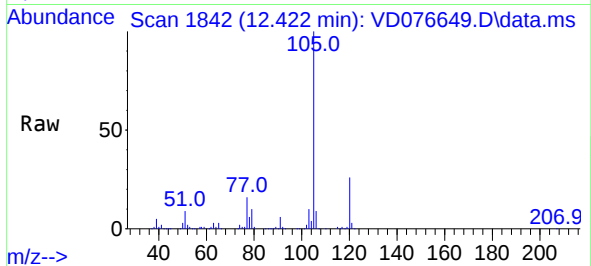
Tgt Ion:	173	Resp:	50706
Ion	Ratio	Lower	Upper
173	100		
175	47.2	39.0	58.4
254	2.9	5.3	7.9



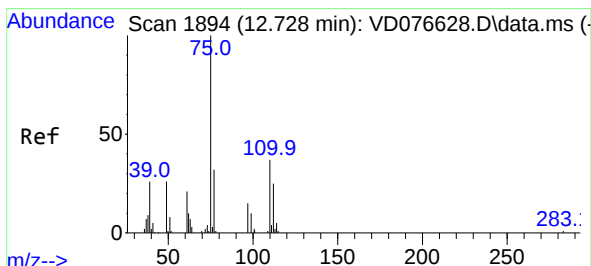
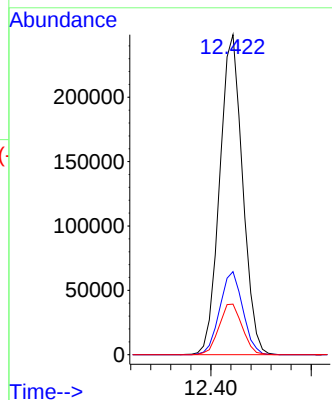
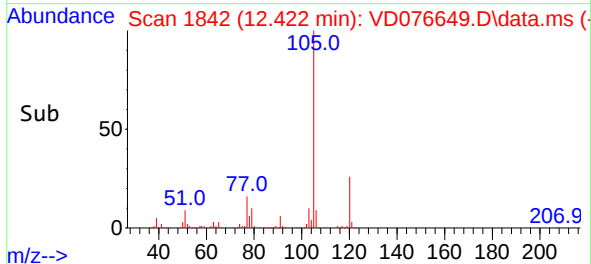


#60
Isopropylbenzene
Concen: 23.610 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

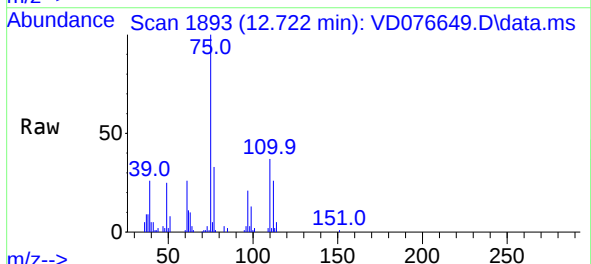
Instrument :
MSVOA_D
ClientSampleId :



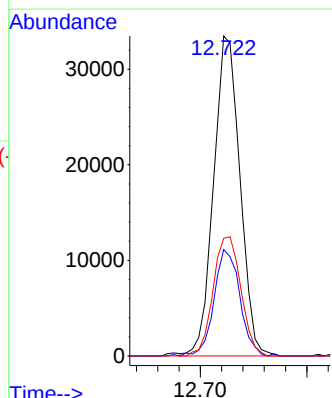
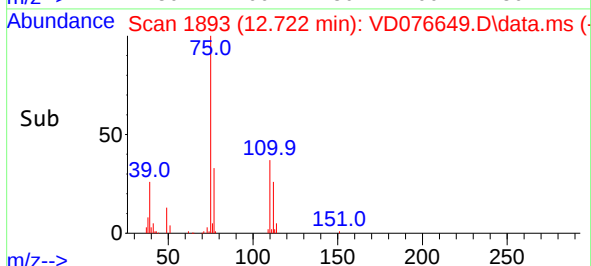
Tgt Ion:105 Resp: 392930
Ion Ratio Lower Upper
105 100
120 26.2 21.3 31.9
77 16.1 12.2 18.4

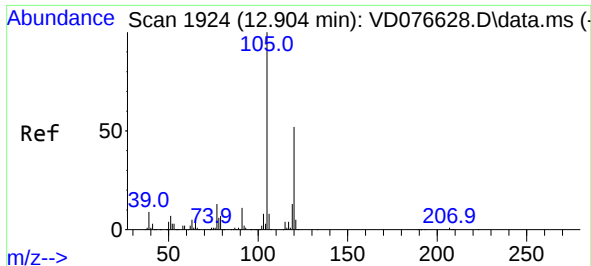


#61
1,2,3-Trichloropropane
Concen: 27.160 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23



Tgt Ion: 75 Resp: 57351
Ion Ratio Lower Upper
75 100
77 32.5 27.2 40.8
110 39.3 31.8 47.6

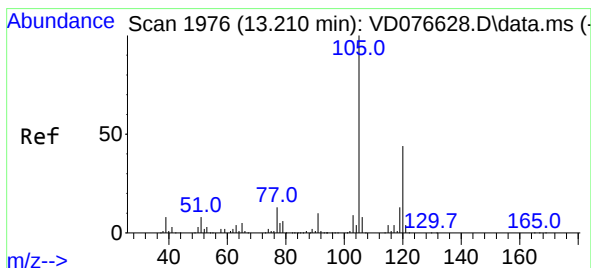
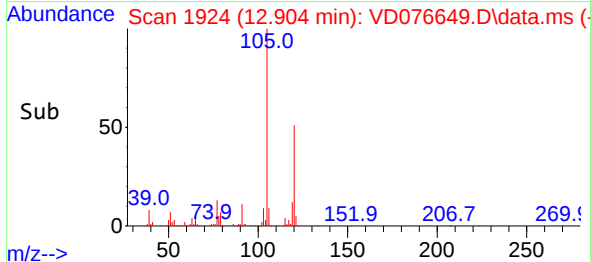
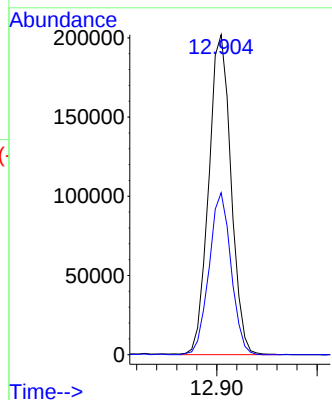
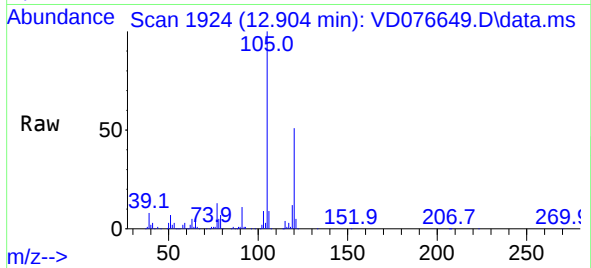




#62
1,3,5-Trimethylbenzene
Concen: 23.470 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

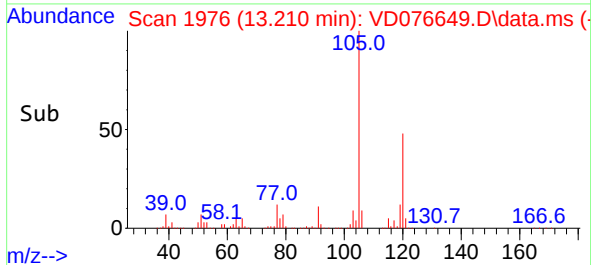
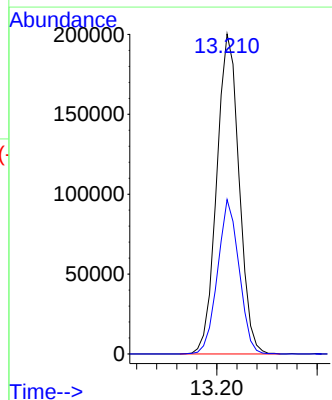
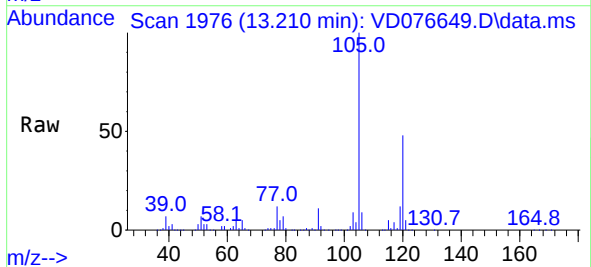
Instrument :
MSVOA_D
ClientSampleId :

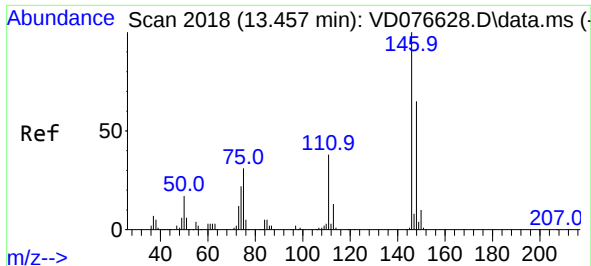
Tgt Ion:105 Resp: 312504
Ion Ratio Lower Upper
105 100
120 49.9 39.8 59.6



#63
1,2,4-Trimethylbenzene
Concen: 23.620 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

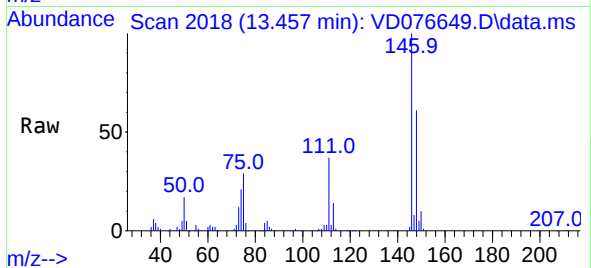
Tgt Ion:105 Resp: 310350
Ion Ratio Lower Upper
105 100
120 46.2 37.5 56.3



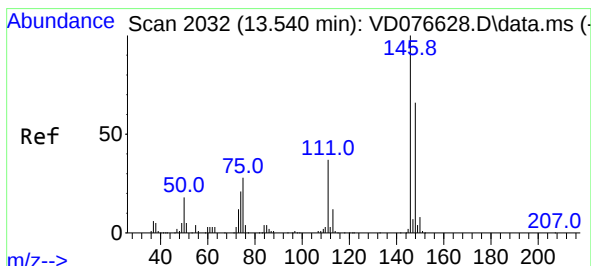
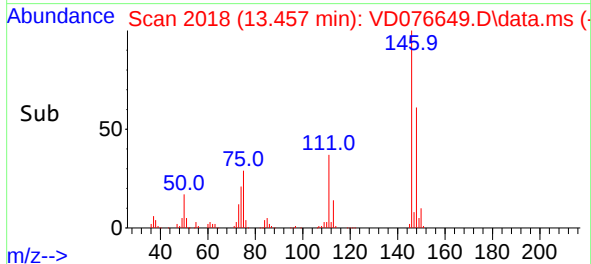
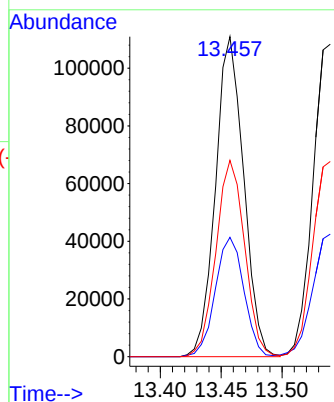


#64
1,3-Dichlorobenzene
Concen: 24.127 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

Instrument :
MSVOA_D
ClientSampleId :

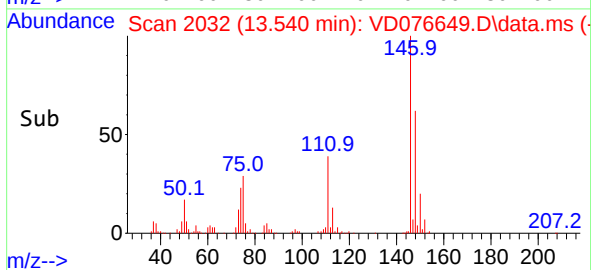
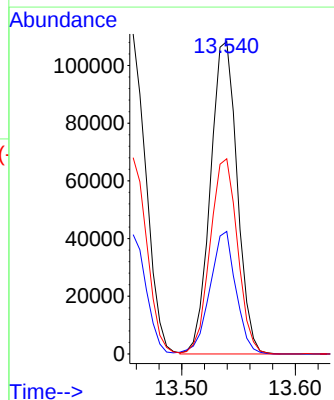
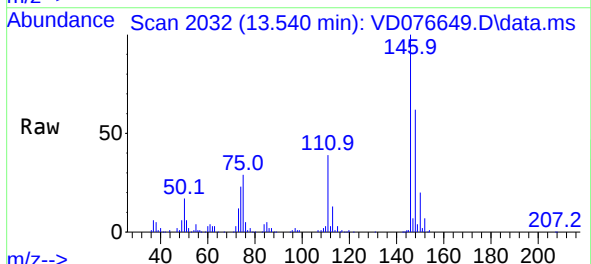


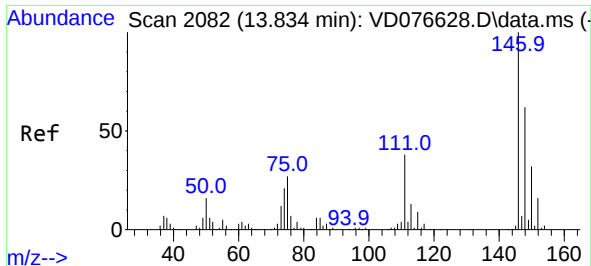
Tgt Ion:146 Resp: 178630
Ion Ratio Lower Upper
146 100
111 37.3 25.6 47.4
148 61.4 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 23.766 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

Tgt Ion:146 Resp: 177368
Ion Ratio Lower Upper
146 100
111 39.2 25.7 47.7
148 62.5 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 24.469 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD076649.D

Acq: 29 Jun 2023 20:23

Instrument :

MSVOA_D

ClientSampleId :

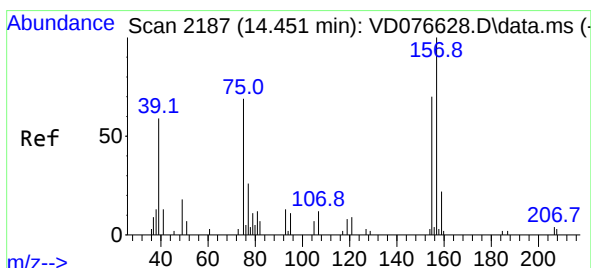
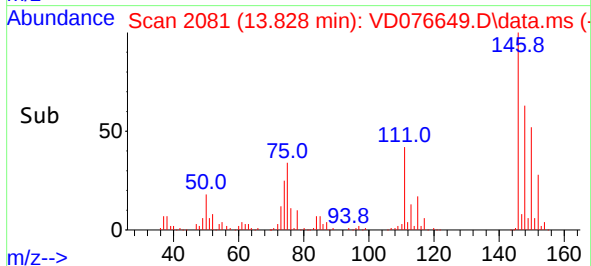
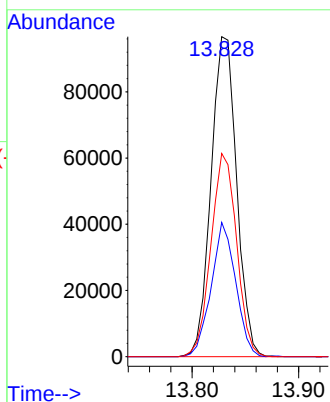
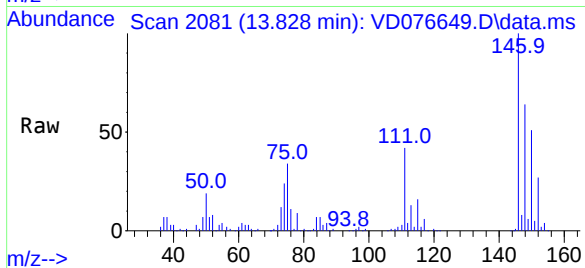
Tgt Ion:146 Resp: 161394

Ion Ratio Lower Upper

146 100

111 42.0 31.3 46.9

148 63.5 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 26.231 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD076649.D

Acq: 29 Jun 2023 20:23

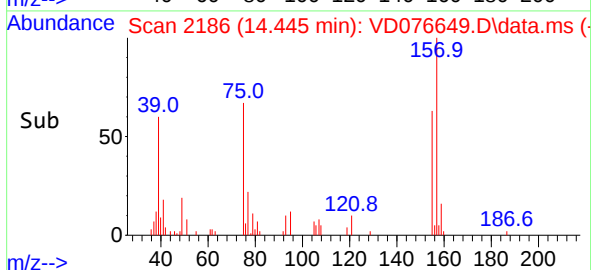
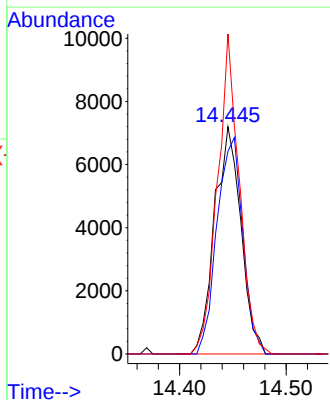
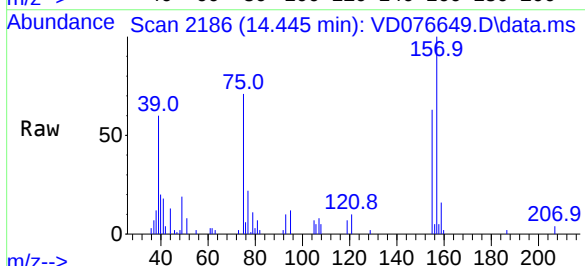
Tgt Ion: 75 Resp: 12344

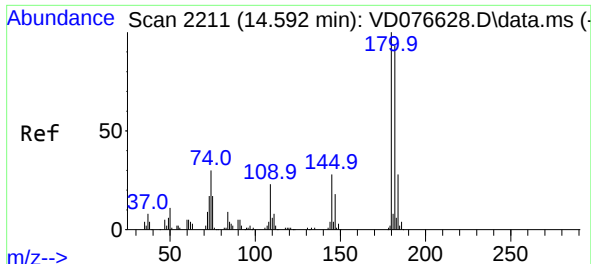
Ion Ratio Lower Upper

75 100

155 89.2 76.2 114.4

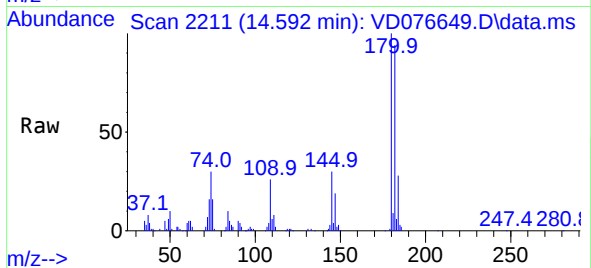
157 140.9 89.4 134.2#



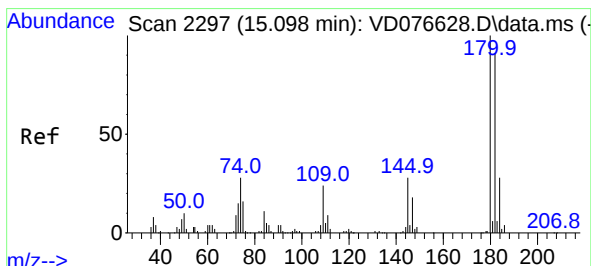
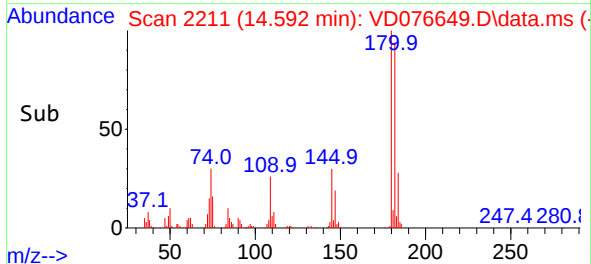
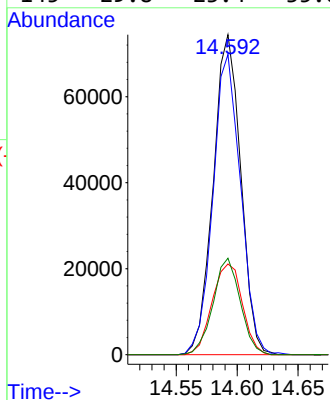


#69
1,3,5-Trichlorobenzene
Concen: 23.714 ug/L
RT: 14.592 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

Instrument :
MSVOA_D
ClientSampleId :

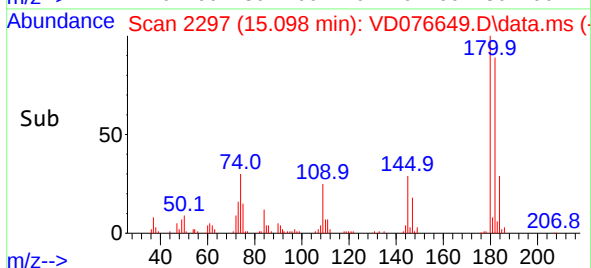
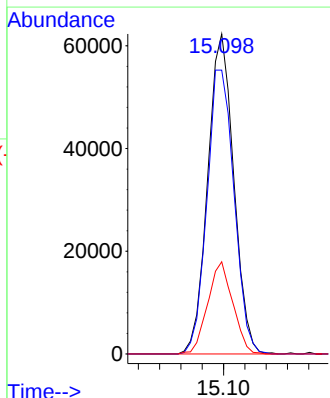
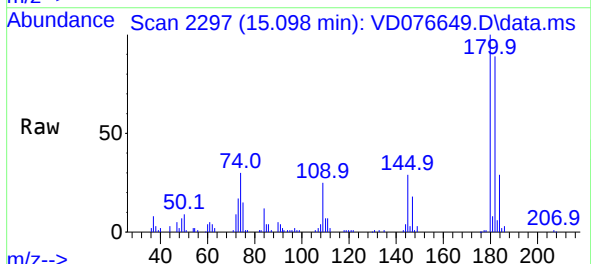


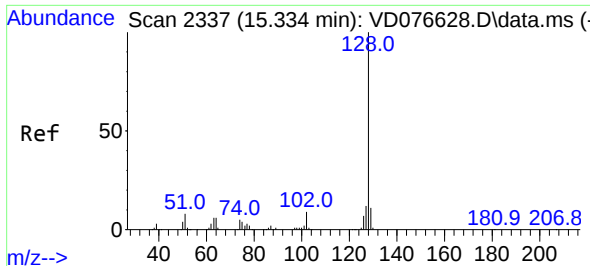
Tgt Ion:180 Resp: 117111
Ion Ratio Lower Upper
180 100
182 94.1 77.1 115.7
184 31.2 25.0 37.4
145 29.8 23.4 35.0



#70
1,2,4-trichlorobenzene
Concen: 24.035 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

Tgt Ion:180 Resp: 105613
Ion Ratio Lower Upper
180 100
182 92.5 76.9 115.3
145 27.8 23.5 35.3



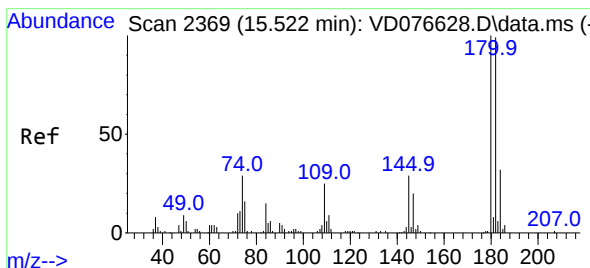
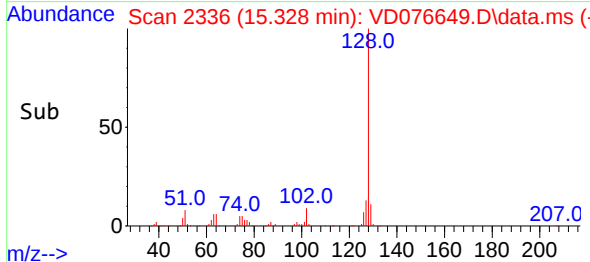
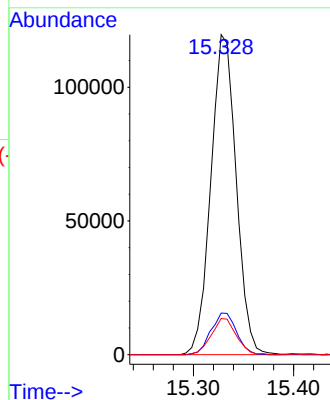
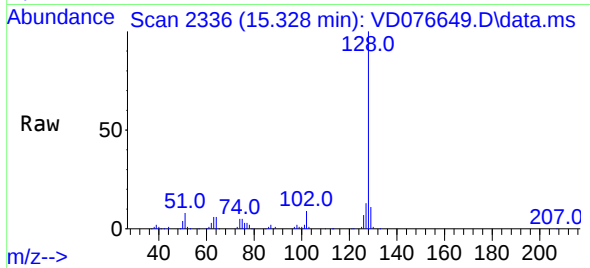


#71
Naphthalene
Concen: 24.957 ug/L
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 209962

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.8	16.2
129	11.3	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 24.301 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD076649.D
Acq: 29 Jun 2023 20:23

Tgt Ion:180 Resp: 92729

Ion	Ratio	Lower	Upper
180	100		
182	96.2	74.3	111.5
145	31.6	25.0	37.6

