

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050223\
 Data File : VD075973.D
 Acq On : 02 May 2023 19:30
 Operator : KP/SY
 Sample : 02564-19MSD
 Misc : 5.61G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCN0MSD

Quant Time: May 03 02:51:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 03 02:37:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	41658	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.587	117	46519	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	22284	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	18893	20.674	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.680%
7) Chloroethane-d5	2.799	69	19325	24.474	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.880%
11) 1,1-Dichloroethene-d2	3.922	65	2669	12.668	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.680%
21) 2-Butanone-d5	6.993	46	16564	208.785	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	417.580%#
24) Chloroform-d	7.569	84	32162	30.874	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	123.480%
26) 1,2-Dichloroethane-d4	8.234	65	19626	44.117	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	176.480%#
32) Benzene-d6	8.199	84	55179	20.351	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	9.210	67	19164	25.536	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.160%
41) Toluene-d8	10.269	98	48820	19.233	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.920%
43) trans-1,3-Dichloroprop...	10.528	79	9181	29.597	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.400%
47) 2-Hexanone-d5	10.875	63	12186	134.858	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	269.720%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	32800	57.116	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	228.480%#
66) 1,2-Dichlorobenzene-d4	13.822	152	19878	25.219	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.880%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	11494	20.015	ug/L	96
3) Chloromethane	2.146	50	24584	30.708	ug/L	98
5) Vinyl chloride	2.281	62	24017	22.954	ug/L	95
6) Bromomethane	2.693	94	20795	29.578	ug/L	87
8) Chloroethane	2.834	64	17594	26.001	ug/L	99
9) Trichlorofluoromethane	3.175	101	17405	20.703	ug/L	# 58
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	11637	20.604	ug/L	# 86
12) 1,1-Dichloroethene	3.934	96	11518	21.028	ug/L	93
13) Acetone	4.022	43	37806	556.849	ug/L	99
14) Carbon disulfide	4.263	76	43095	22.526	ug/L	# 94
15) Methyl Acetate	4.569	43	16008	108.796	ug/L	# 59
16) Methylene chloride	4.799	84	24758	29.296	ug/L	90
17) trans-1,2-Dichloroethene	5.310	96	15128	24.631	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	44055	44.717	ug/L	# 80
19) 1,1-Dichloroethane	6.110	63	27748	30.840	ug/L	95
20) cis-1,2-Dichloroethene	7.075	96	18974	29.217	ug/L	95
22) 2-Butanone	7.081	43	22839	258.037	ug/L	94
23) Bromochloromethane	7.428	128	12386	41.125	ug/L	86
25) Chloroform	7.599	83	32902	32.629	ug/L	99

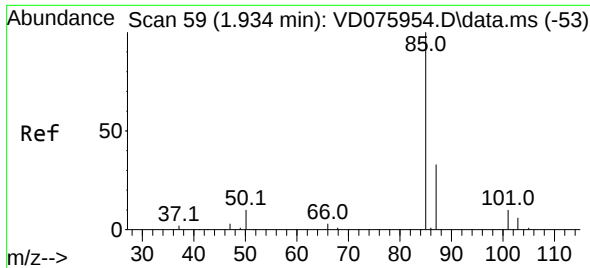
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Quant Time: May 03 02:51:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 03 02:37:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	24819	47.683	ug/L	97
29) Cyclohexane	7.875	56	10396	13.054	ug/L #	88
30) 1,1,1-Trichloroethane	7.787	97	19687	20.002	ug/L #	77
31) Carbon tetrachloride	7.993	117	13032	16.504	ug/L	91
33) Benzene	8.246	78	62708	22.285	ug/L	100
34) Trichloroethene	9.022	95	15013	20.631	ug/L	91
35) Methylcyclohexane	9.269	83	12823	11.429	ug/L	95
37) 1,2-Dichloropropane	9.310	63	17604	27.235	ug/L	100
38) Bromodichloromethane	9.587	83	25999	29.831	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	26391	25.673	ug/L	91
40) 4-Methyl-2-pentanone	10.157	43	32845	139.372	ug/L	95
42) Toluene	10.334	91	65377	21.470	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	27004	32.701	ug/L	95
45) 1,1,2-Trichloroethane	10.734	97	22264	40.488	ug/L	93
46) Tetrachloroethene	10.804	164	12555	21.035	ug/L	98
48) 2-Hexanone	10.922	43	24366	146.661	ug/L	89
49) Dibromochloromethane	11.075	129	21984	36.723	ug/L	96
50) 1,2-Dibromoethane	11.181	107	23127	46.649	ug/L	100
51) Chlorobenzene	11.610	112	46429	23.307	ug/L	97
52) Ethylbenzene	11.687	91	56817	18.196	ug/L	100
53) m,p-Xylene	11.792	106	23174	18.638	ug/L	99
54) o-Xylene	12.122	106	23955	20.284	ug/L	95
55) Styrene	12.140	104	43632	21.228	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.675	83	33161	59.268	ug/L	97
59) Bromoform	12.304	173	17024	49.847	ug/L	96
60) Isopropylbenzene	12.422	105	49756	16.839	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	22515	64.318	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	39115	17.753	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	38324	18.044	ug/L	95
64) 1,3-Dichlorobenzene	13.463	146	34600	24.473	ug/L	95
65) 1,4-Dichlorobenzene	13.539	146	34062	22.956	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	35225	27.900	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.445	75	5108	72.991	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.598	180	18992	20.042	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	17262	21.982	ug/L	98
71) Naphthalene	15.333	128	62248	43.316	ug/L	98
72) 1,2,3-Trichlorobenzene	15.528	180	19482	27.792	ug/L	99

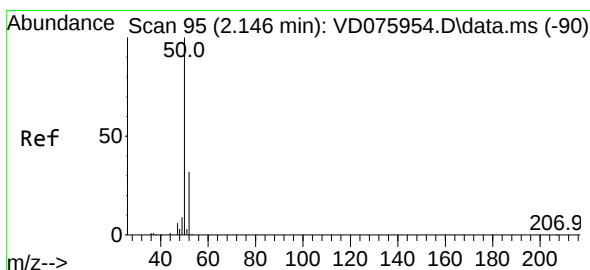
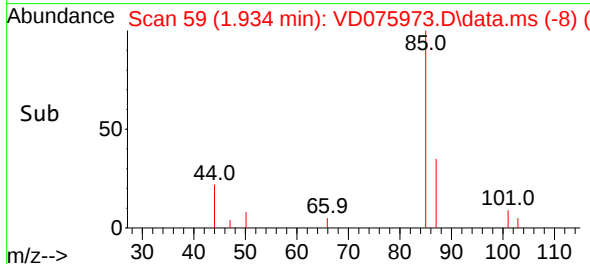
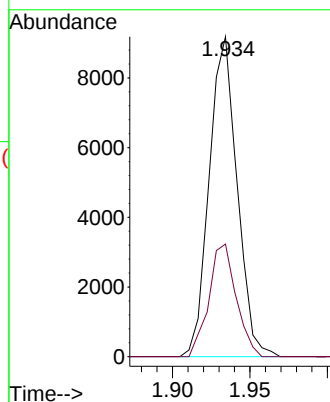
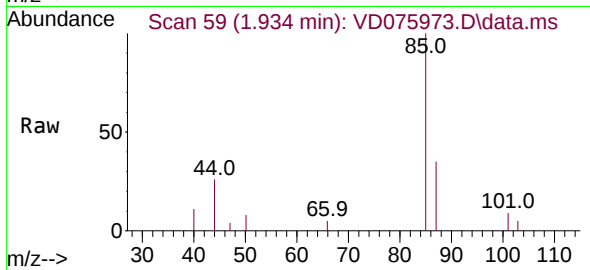
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#2
 Dichlorodifluoromethane
 Concen: 20.015 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD075973.D
 Acq: 02 May 2023 19:30

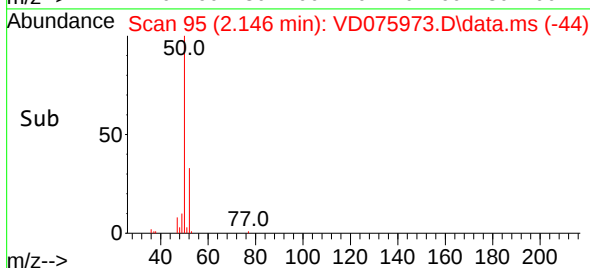
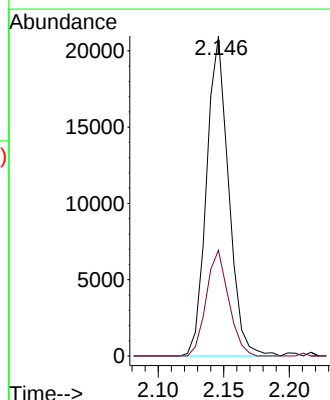
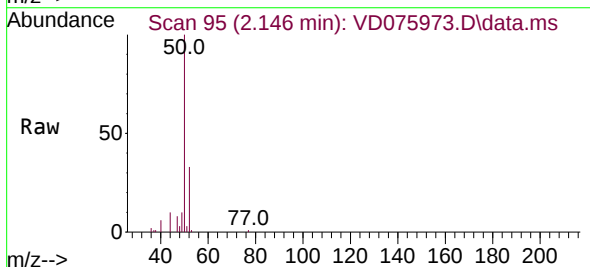
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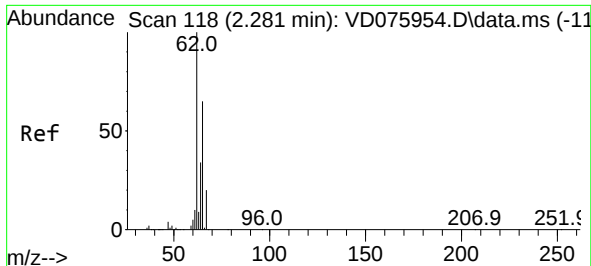
Tgt Ion: 85 Resp: 11494
 Ion Ratio Lower Upper
 85 100
 87 34.5 25.8 38.8



#3
 Chloromethane
 Concen: 30.708 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD075973.D
 Acq: 02 May 2023 19:30

Tgt Ion: 50 Resp: 24584
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.7 44.1

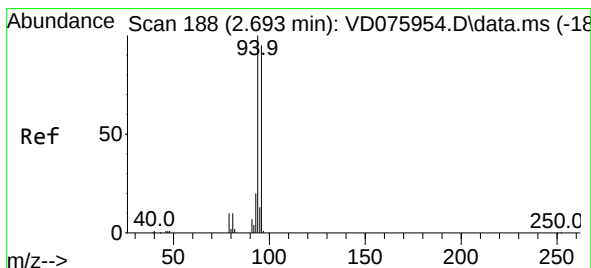
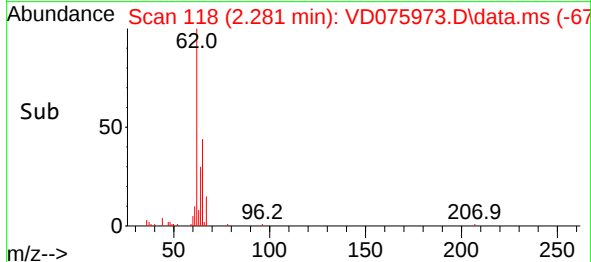
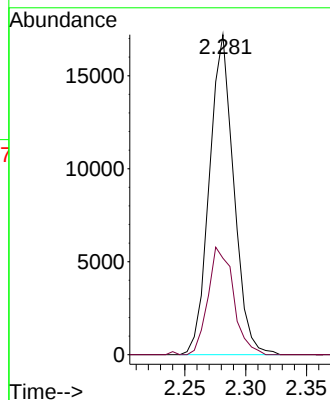
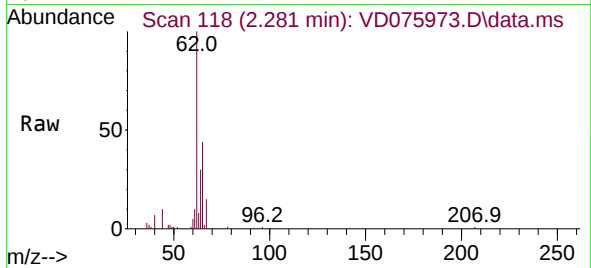




#5
 Vinyl chloride
 Concen: 22.954 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD075973.D
 Acq: 02 May 2023 19:30

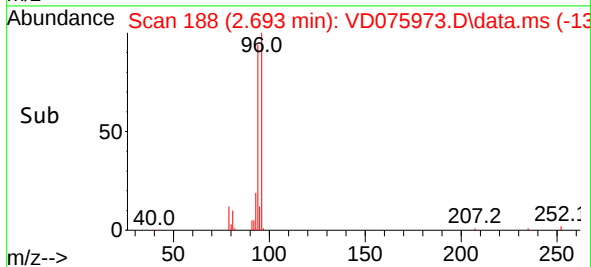
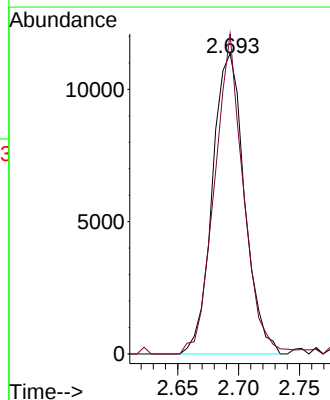
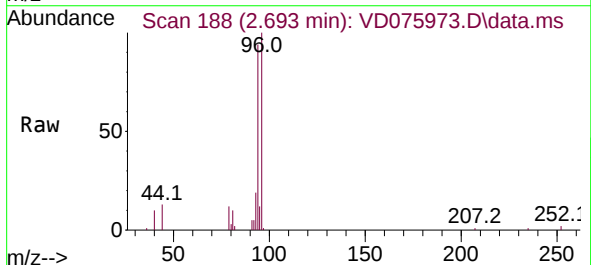
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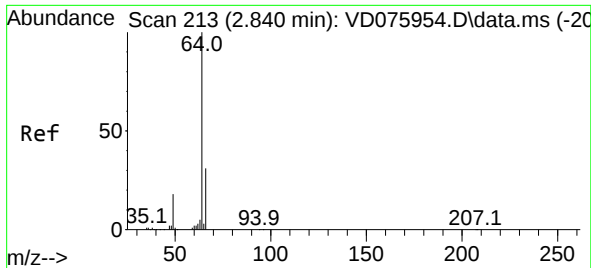
Tgt Ion: 62 Resp: 24017
 Ion Ratio Lower Upper
 62 100
 64 30.2 23.2 43.0



#6
 Bromomethane
 Concen: 29.578 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD075973.D
 Acq: 02 May 2023 19:30

Tgt Ion: 94 Resp: 20795
 Ion Ratio Lower Upper
 94 100
 96 106.5 65.7 121.9

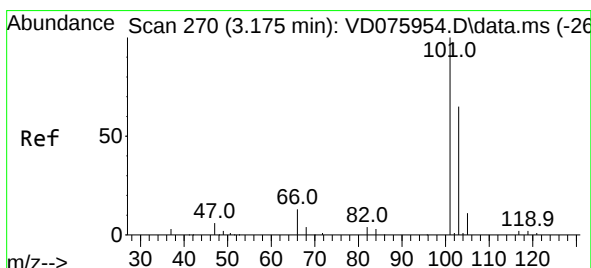
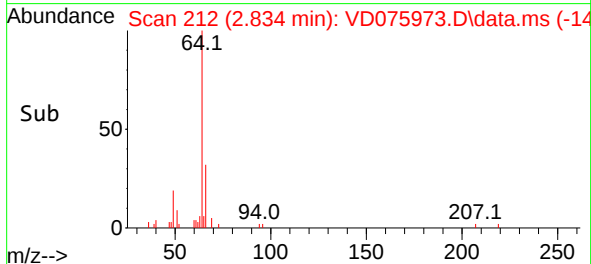
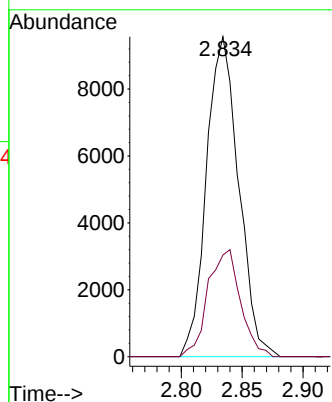
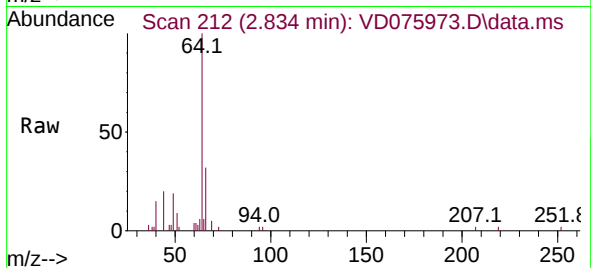




#8
Chloroethane
Concen: 26.001 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

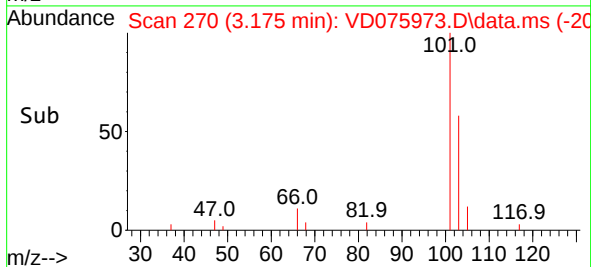
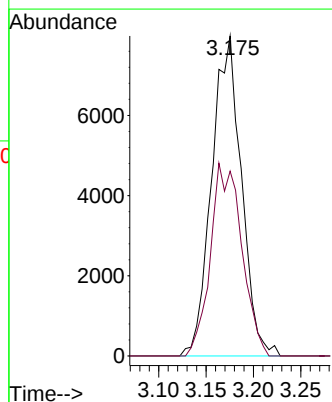
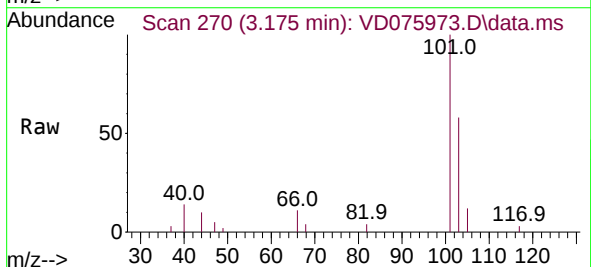
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ClientSampleId :
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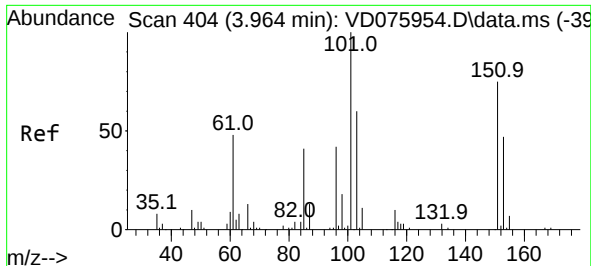
Tgt Ion: 64 Resp: 17594
Ion Ratio Lower Upper
64 100
66 31.7 21.8 40.4



#9
Trichlorofluoromethane
Concen: 20.703 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

Tgt Ion: 101 Resp: 17405
Ion Ratio Lower Upper
101 100
103 32.2 52.2 78.4#

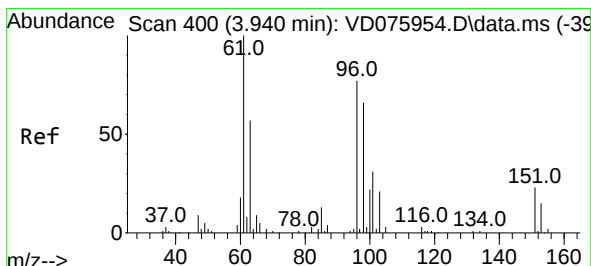
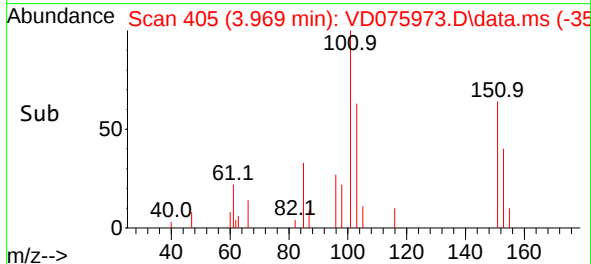
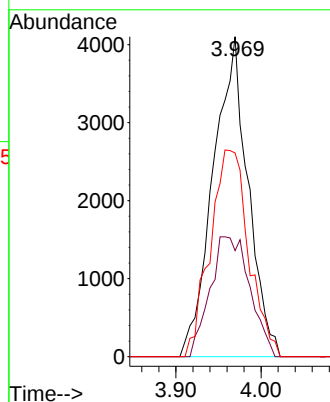
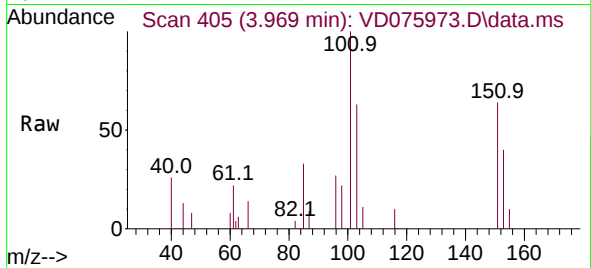




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.604 ug/L
 RT: 3.969 min Scan# 404
 Delta R.T. 0.006 min
 Lab File: VD075973.D
 Acq: 02 May 2023 19:30

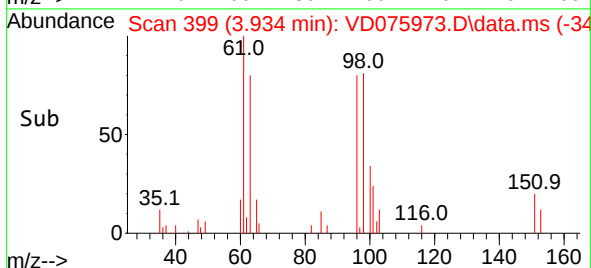
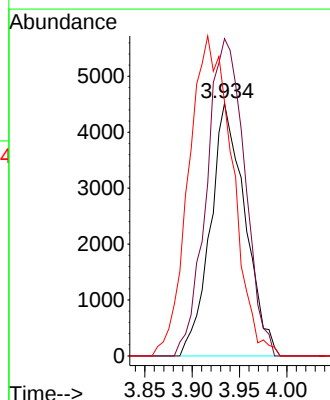
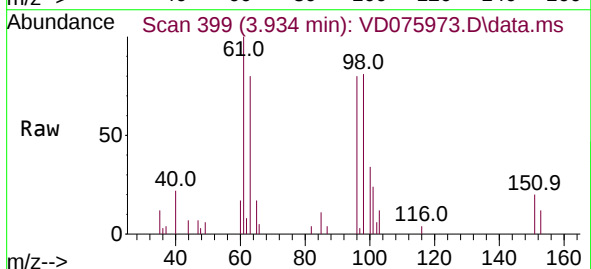
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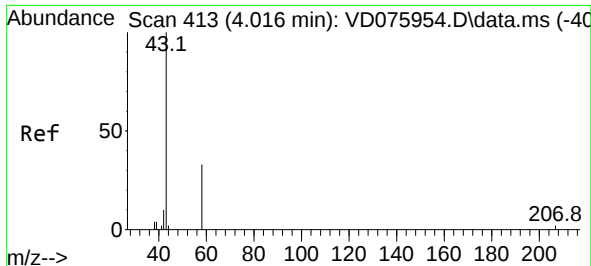
Tgt Ion:101 Resp: 11637
 Ion Ratio Lower Upper
 101 100
 85 27.6 32.9 49.3#
 151 63.5 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 21.028 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.006 min
 Lab File: VD075973.D
 Acq: 02 May 2023 19:30

Tgt Ion: 96 Resp: 11518
 Ion Ratio Lower Upper
 96 100
 61 125.6 92.6 172.0
 63 100.6 77.4 143.8

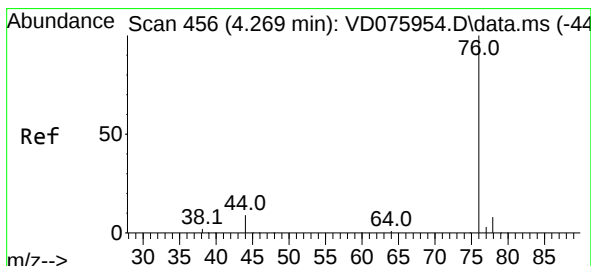
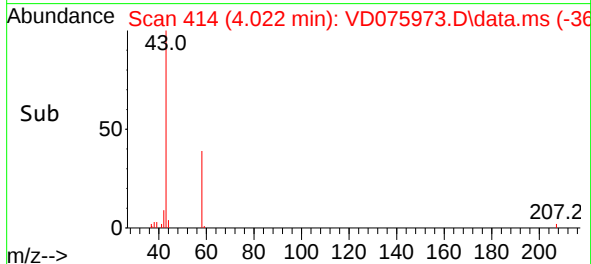
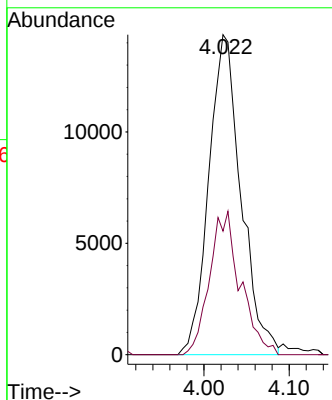
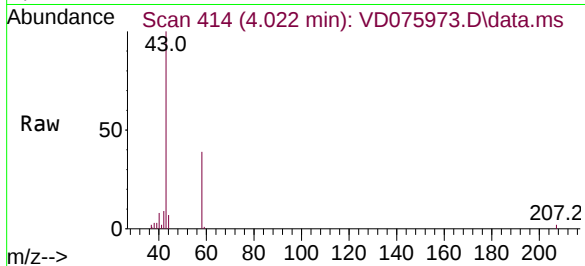




#13
Acetone
Concen: 556.849 ug/L
RT: 4.022 min Scan# 413
Delta R.T. 0.006 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

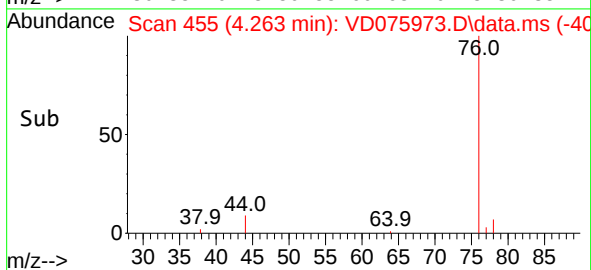
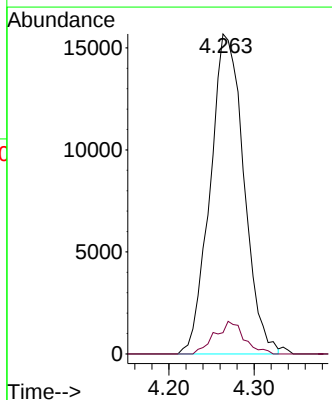
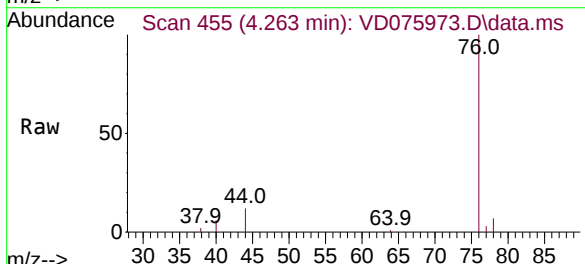
Instrument :
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ClientSampleId :
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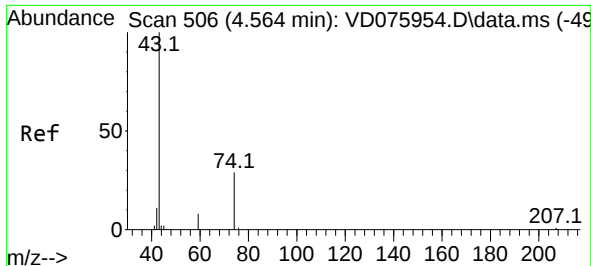
Tgt Ion: 43 Resp: 37806
Ion Ratio Lower Upper
43 100
58 42.8 0.0 87.4



#14
Carbon disulfide
Concen: 22.526 ug/L
RT: 4.263 min Scan# 455
Delta R.T. -0.006 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

Tgt Ion: 76 Resp: 43095
Ion Ratio Lower Upper
76 100
78 6.6 7.0 10.6#

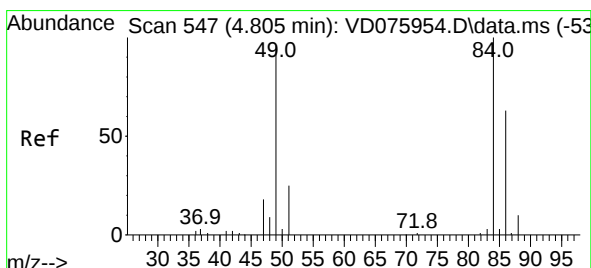
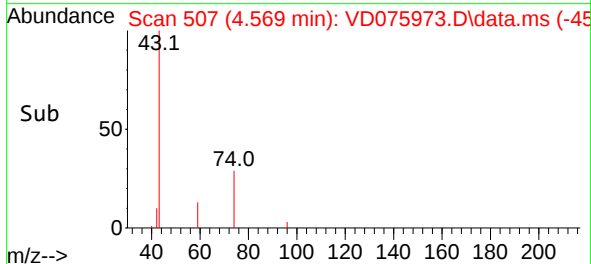
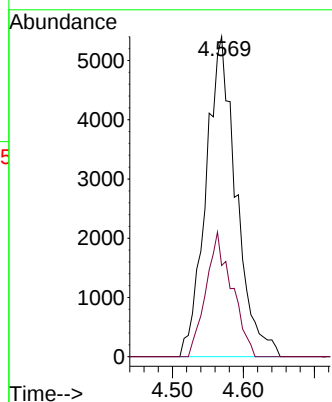
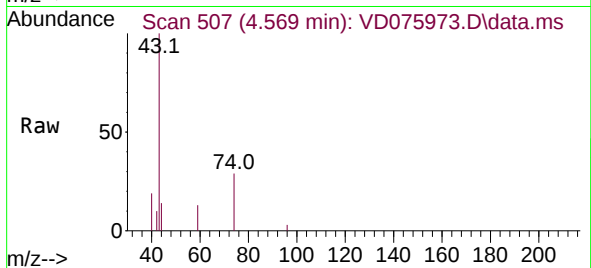




#15
Methyl Acetate
Concen: 108.796 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

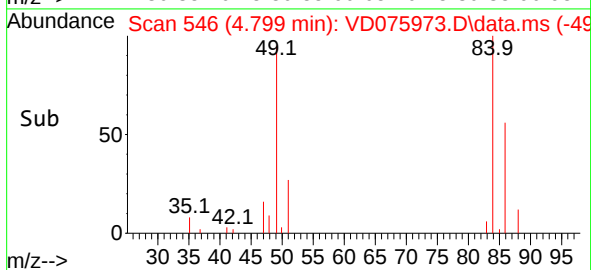
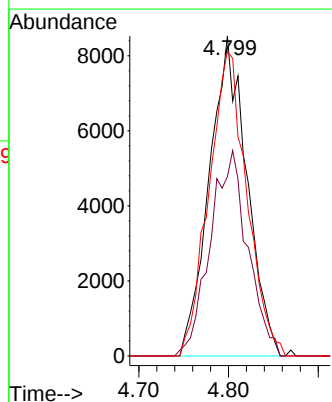
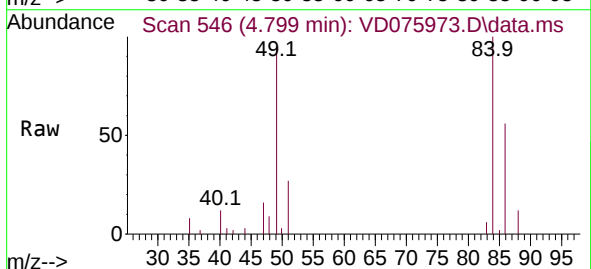
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MSD

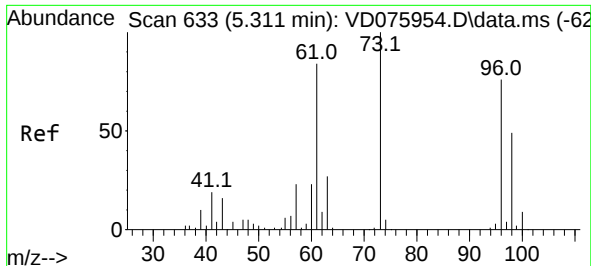
Tgt Ion: 43 Resp: 16008
Ion Ratio Lower Upper
43 100
74 33.3 12.8 19.2#



#16
Methylene chloride
Concen: 29.296 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

Tgt Ion: 84 Resp: 24758
Ion Ratio Lower Upper
84 100
86 56.1 45.8 85.2
49 95.1 60.8 112.8





#17

trans-1,2-Dichloroethene

Concen: 24.631 ug/L

RT: 5.310 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD075973.D

Acq: 02 May 2023 19:30

Instrument :

MSVOA_D

ClientSampleId :

DCCN0MSD

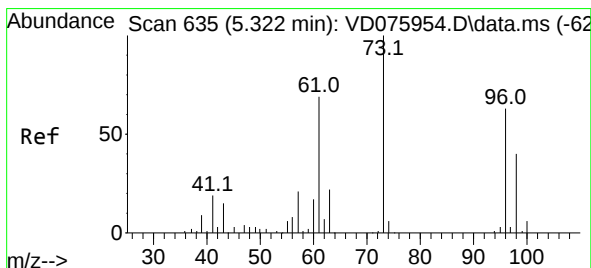
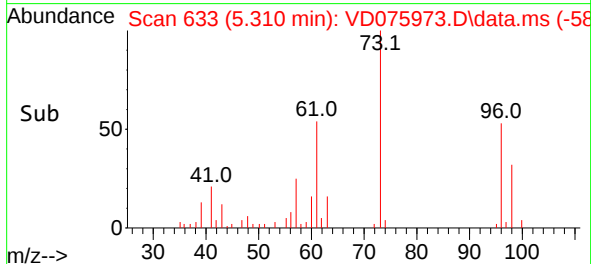
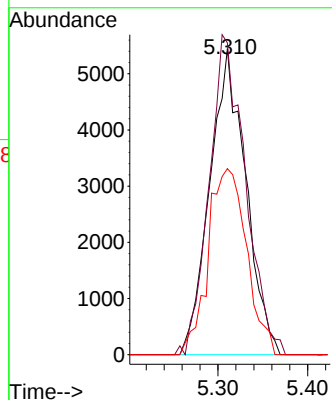
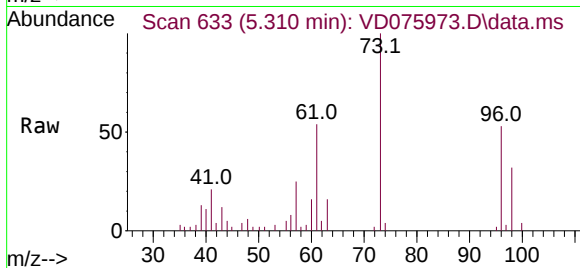
Tgt Ion: 96 Resp: 15128

Ion Ratio Lower Upper

96 100

61 101.9 72.9 135.5

98 60.8 43.0 79.8



#18

Methyl tert-butyl Ether

Concen: 44.717 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.006 min

Lab File: VD075973.D

Acq: 02 May 2023 19:30

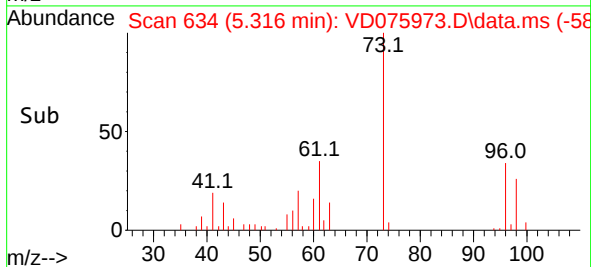
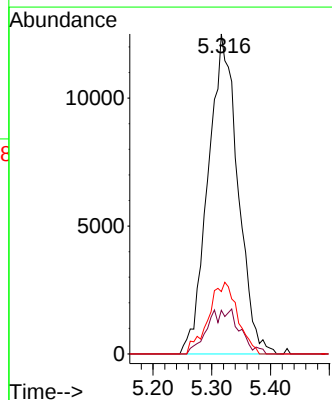
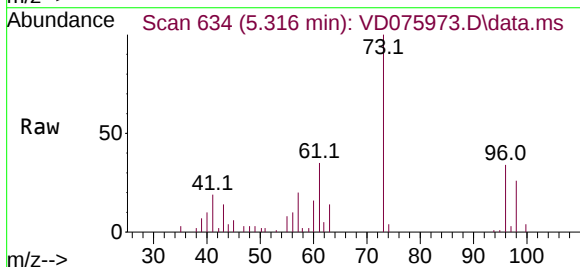
Tgt Ion: 73 Resp: 44055

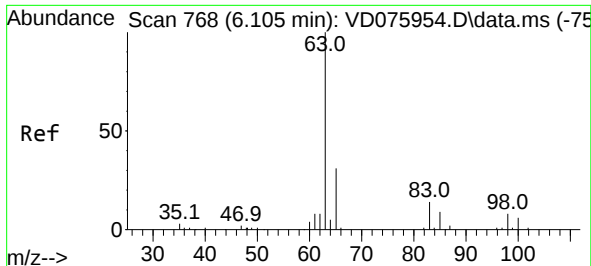
Ion Ratio Lower Upper

73 100

43 6.1 11.3 16.9#

57 11.0 16.3 24.5#





#19

1,1-Dichloroethane

Concen: 30.840 ug/L

RT: 6.110 min Scan# 7

Delta R.T. 0.006 min

Lab File: VD075973.D

Acq: 02 May 2023 19:30

Instrument :

MSVOA_D

ClientSampleId :

DCCN0MSD

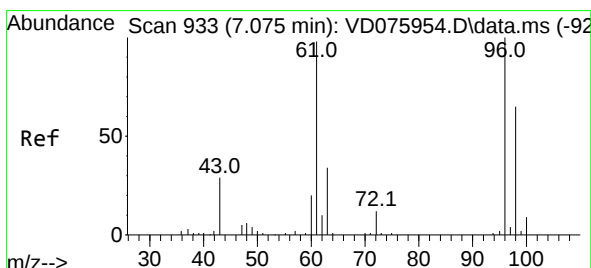
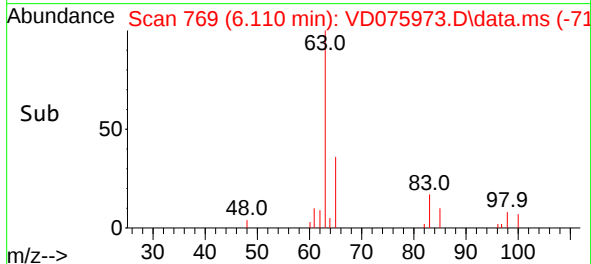
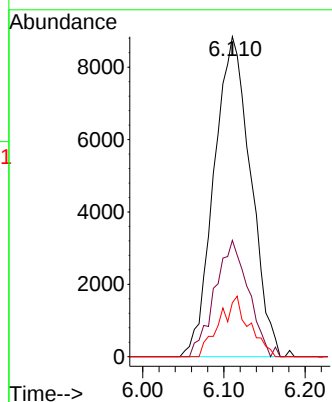
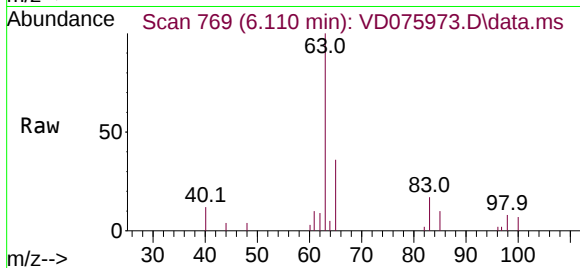
Tgt Ion: 63 Resp: 27748

Ion Ratio Lower Upper

63 100

65 36.4 22.8 42.4

83 16.8 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 29.217 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD075973.D

Acq: 02 May 2023 19:30

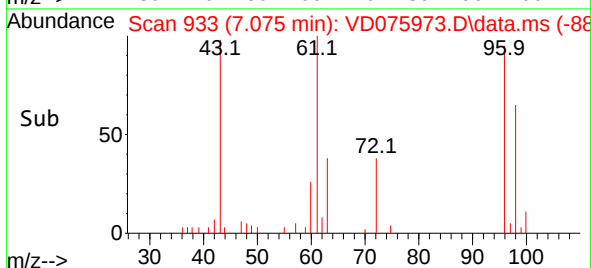
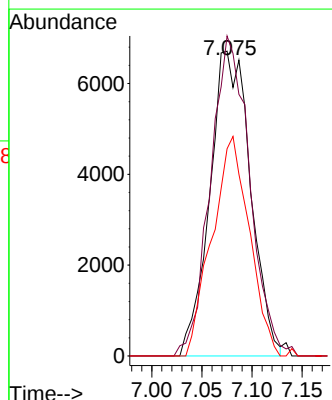
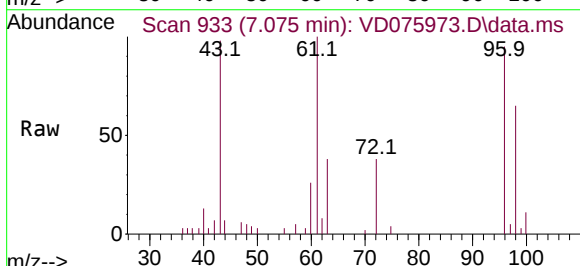
Tgt Ion: 96 Resp: 18974

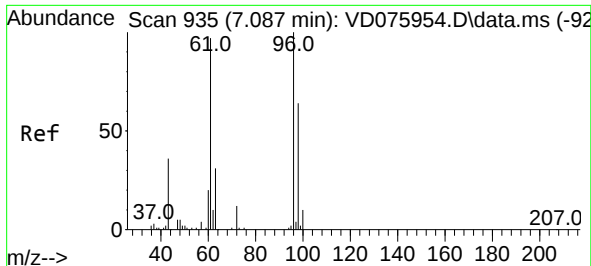
Ion Ratio Lower Upper

96 100

61 105.0 67.5 125.3

98 68.0 47.5 88.1

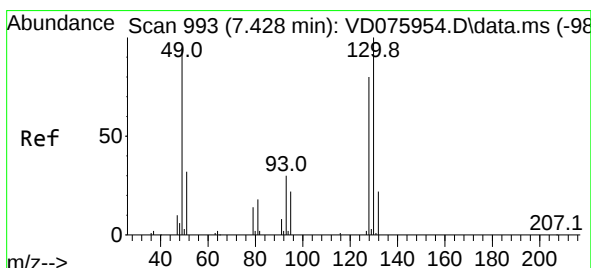
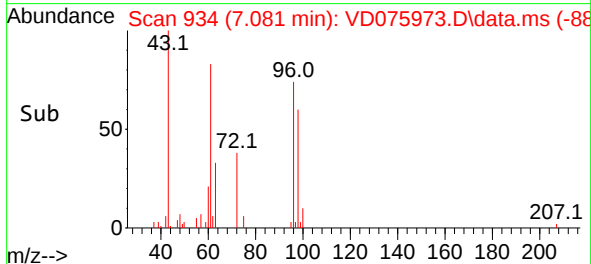
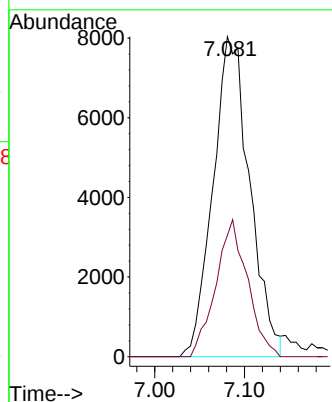
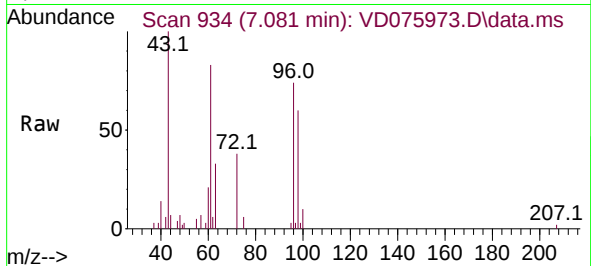




#22
2-Butanone
Concen: 258.037 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

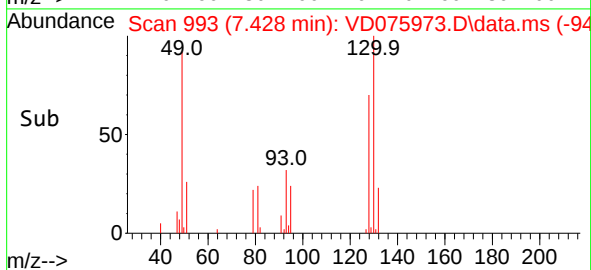
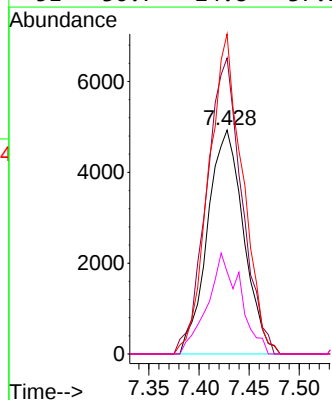
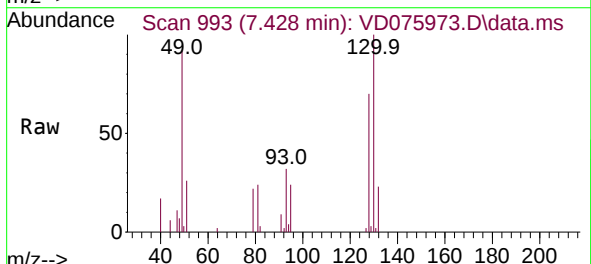
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MSD

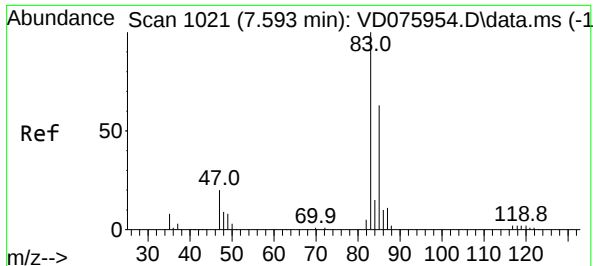
Tgt Ion: 43 Resp: 22839
Ion Ratio Lower Upper
43 100
72 37.0 20.5 61.5



#23
Bromochloromethane
Concen: 41.125 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

Tgt Ion: 128 Resp: 12386
Ion Ratio Lower Upper
128 100
49 132.2 76.4 142.0
130 142.9 93.5 173.7
51 36.7 24.8 37.2





#25

Chloroform

Concen: 32.629 ug/L

RT: 7.599 min Scan# 1021

Delta R.T. 0.006 min

Lab File: VD075973.D

Acq: 02 May 2023 19:30

Instrument :

MSVOA_D

ClientSampleId :

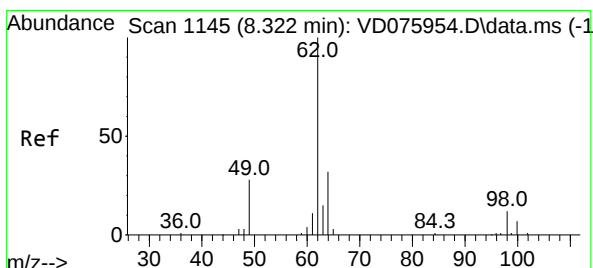
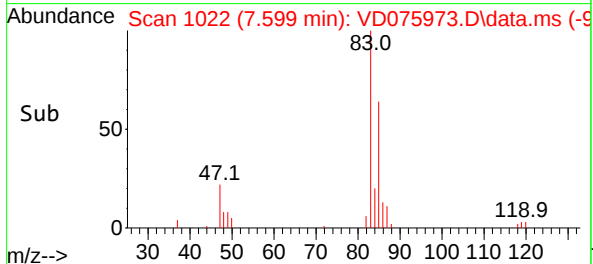
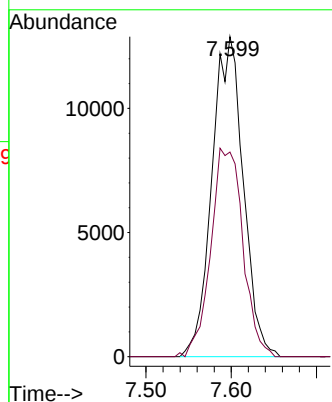
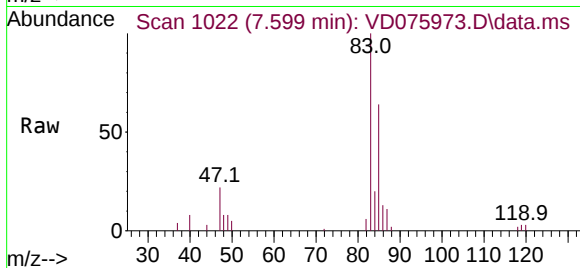
DCCN0MSD

Tgt Ion: 83 Resp: 32902

Ion Ratio Lower Upper

83 100

85 63.9 44.4 82.5



#27

1,2-Dichloroethane

Concen: 47.683 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VD075973.D

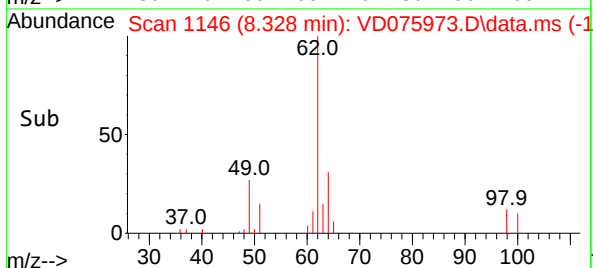
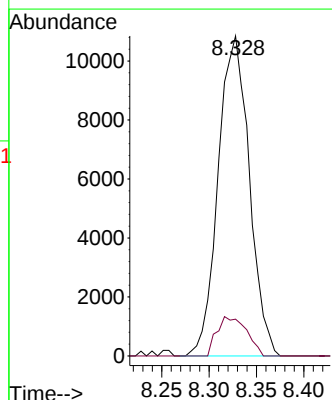
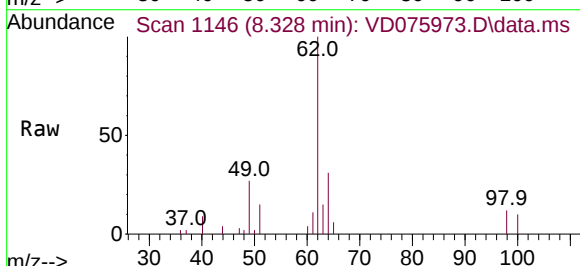
Acq: 02 May 2023 19:30

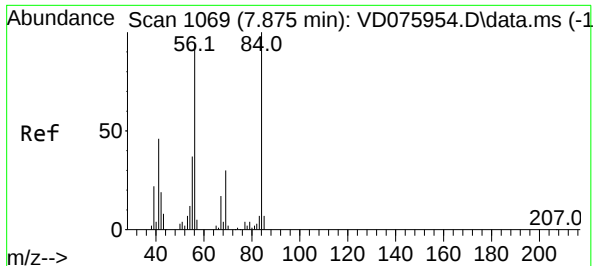
Tgt Ion: 62 Resp: 24819

Ion Ratio Lower Upper

62 100

98 11.5 10.2 15.2





#29

Cyclohexane

Concen: 13.054 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD075973.D

Acq: 02 May 2023 19:30

Instrument :

MSVOA_D

ClientSampleId :

DCCN0MSD

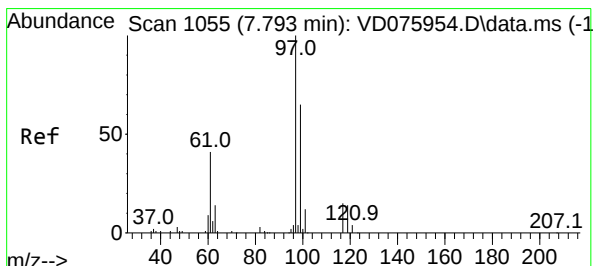
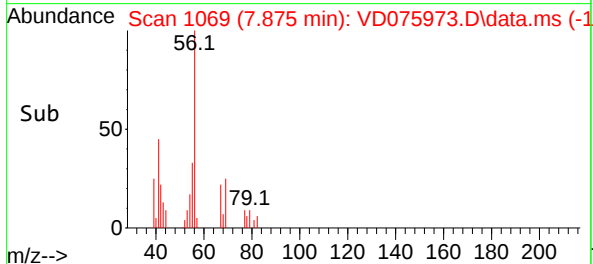
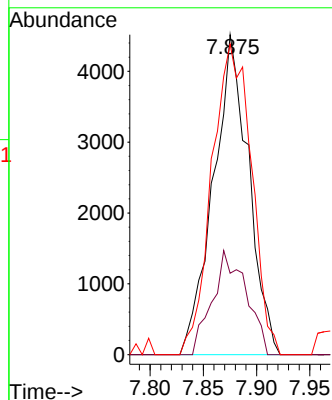
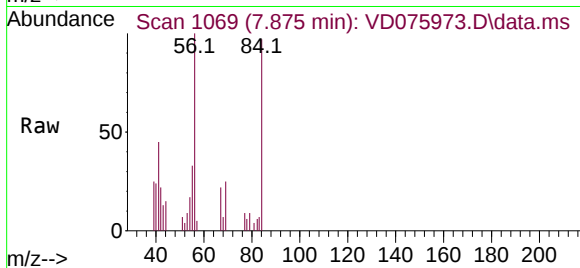
Tgt Ion: 56 Resp: 10396

Ion Ratio Lower Upper

56 100

69 17.5 28.2 42.2#

84 108.7 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 20.002 ug/L

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD075973.D

Acq: 02 May 2023 19:30

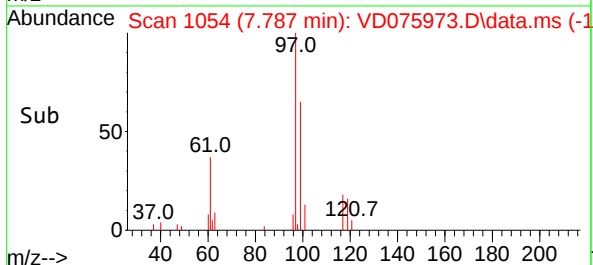
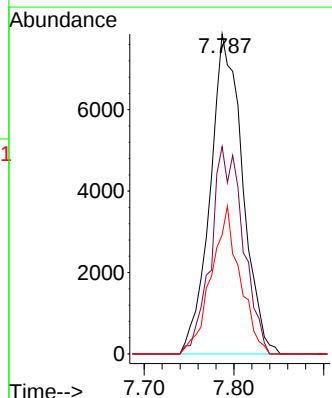
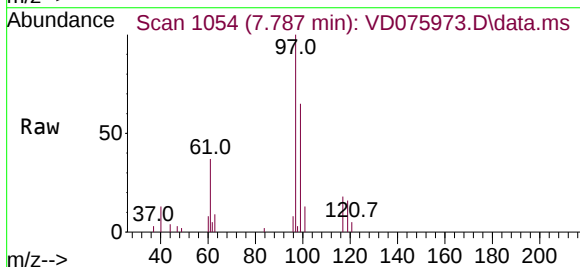
Tgt Ion: 97 Resp: 19687

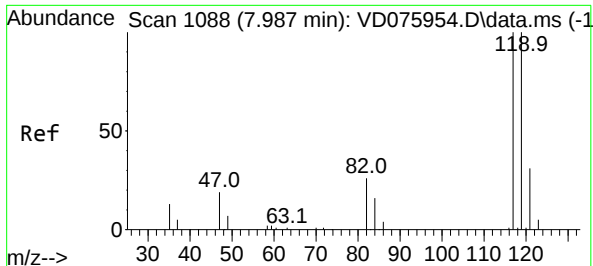
Ion Ratio Lower Upper

97 100

99 35.7 51.5 77.3#

61 40.8 32.1 48.1

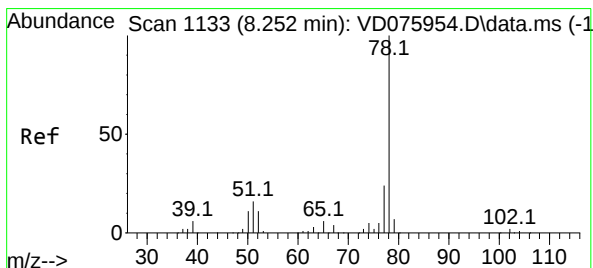
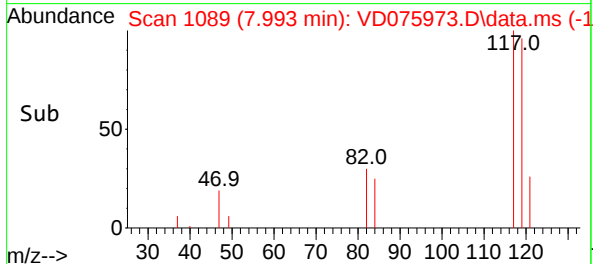
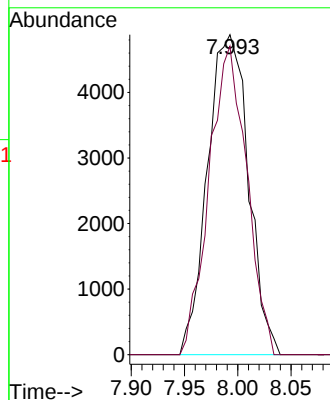
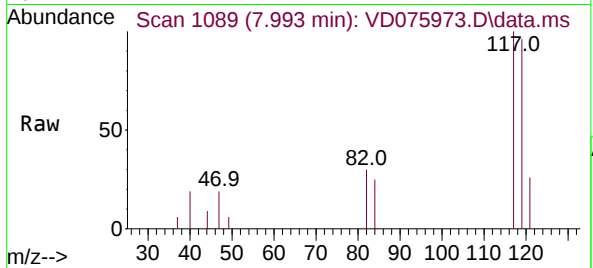




#31
Carbon tetrachloride
Concen: 16.504 ug/L
RT: 7.993 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

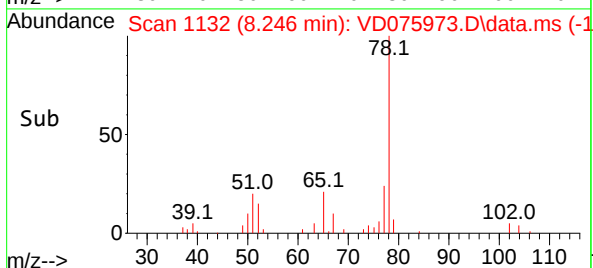
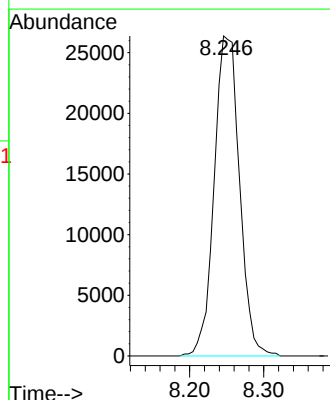
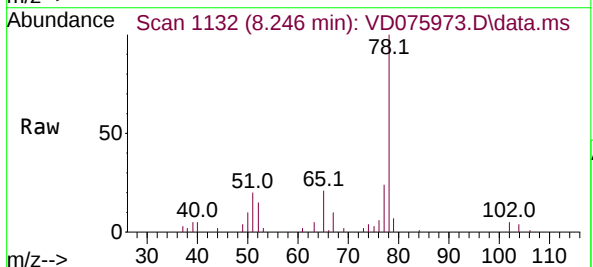
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MSD

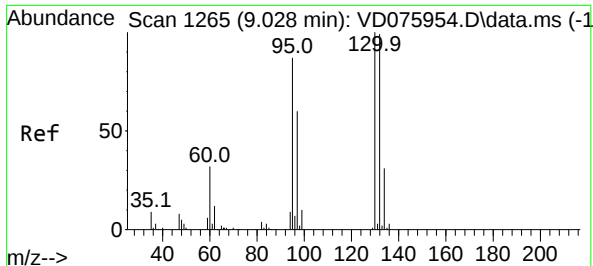
Tgt Ion:117 Resp: 13032
Ion Ratio Lower Upper
117 100
119 88.9 78.2 117.4



#33
Benzene
Concen: 22.285 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

Tgt Ion: 78 Resp: 62708

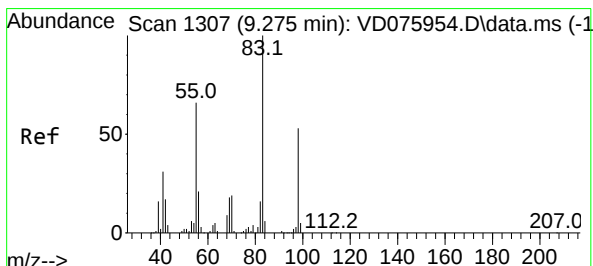
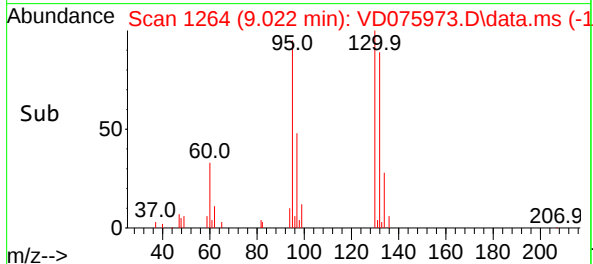
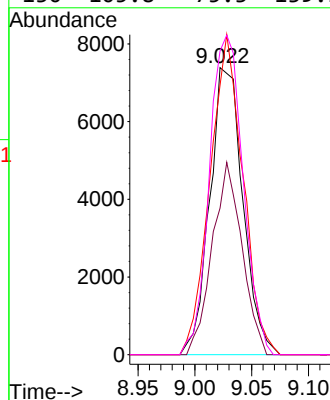
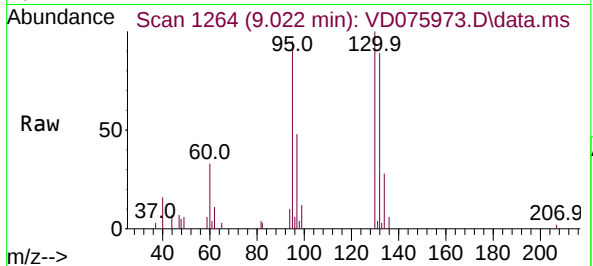




#34
Trichloroethene
Concen: 20.631 ug/L
RT: 9.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

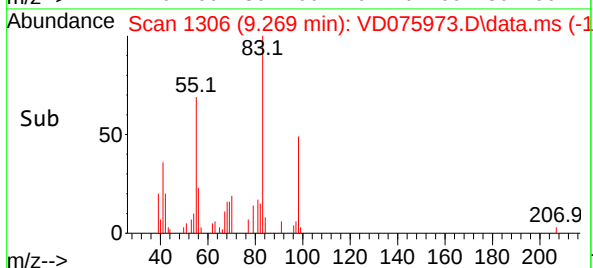
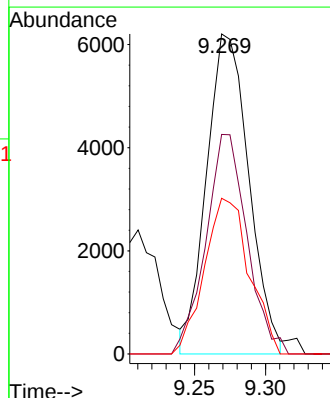
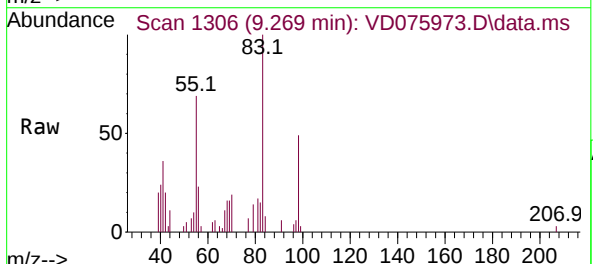
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MSD

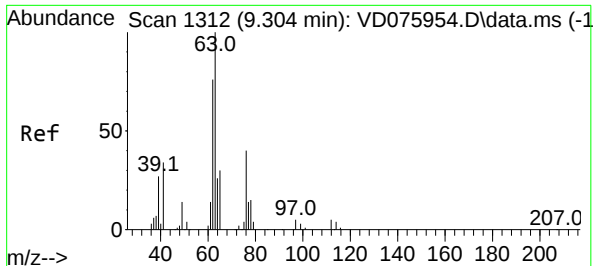
Tgt Ion:	95	Resp:	15013
Ion	Ratio	Lower	Upper
95	100		
97	51.1	46.0	85.4
132	93.9	73.3	136.1
130	105.8	75.3	139.9



#35
Methylcyclohexane
Concen: 11.429 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

Tgt Ion:	83	Resp:	12823
Ion	Ratio	Lower	Upper
83	100		
55	66.8	48.2	72.2
98	51.9	40.8	61.2





#37

1,2-Dichloropropane

Concen: 27.235 ug/L

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075973.D

Acq: 02 May 2023 19:30

Instrument :

MSVOA_D

ClientSampleId :

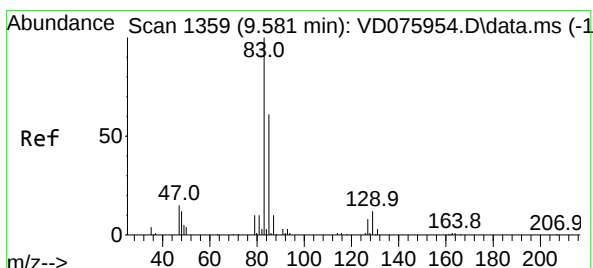
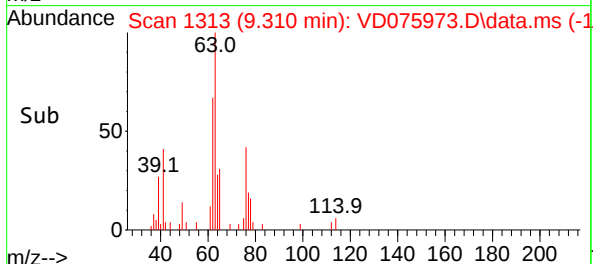
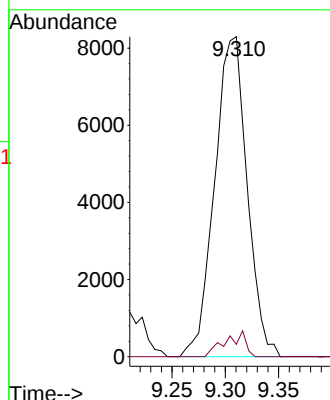
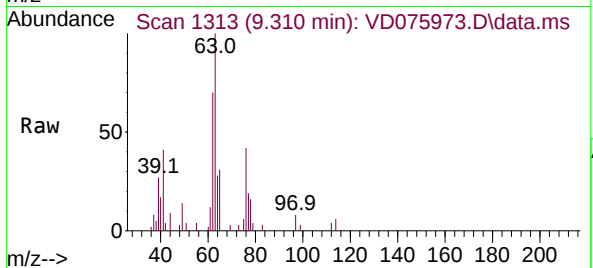
DCCN0MSD

Tgt Ion: 63 Resp: 17604

Ion Ratio Lower Upper

63 100

112 5.0 4.0 6.0



#38

Bromodichloromethane

Concen: 29.831 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.006 min

Lab File: VD075973.D

Acq: 02 May 2023 19:30

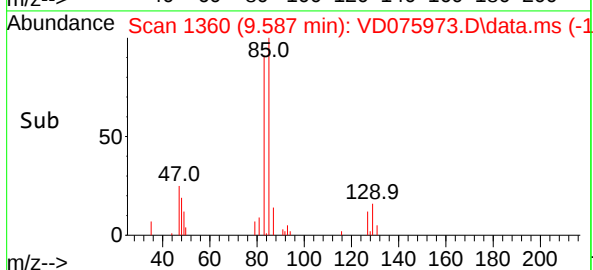
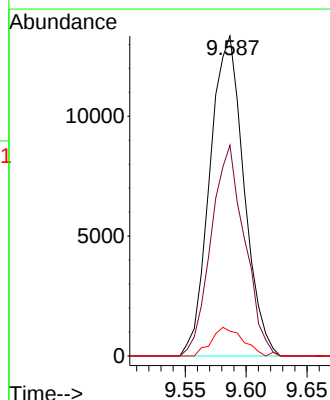
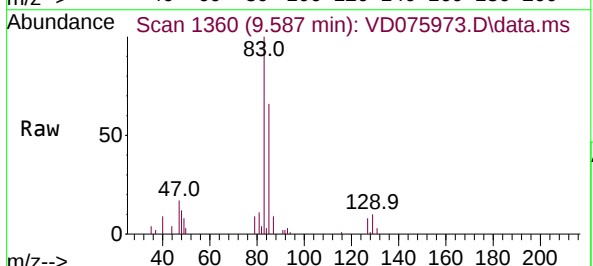
Tgt Ion: 83 Resp: 25999

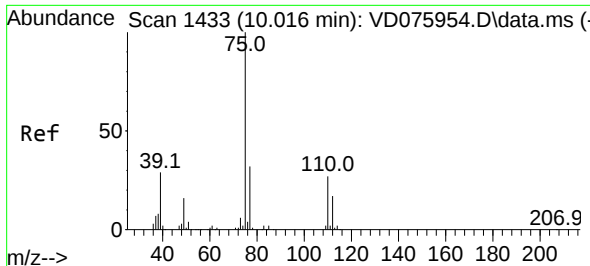
Ion Ratio Lower Upper

83 100

85 65.8 44.2 82.2

127 7.8 6.3 9.5

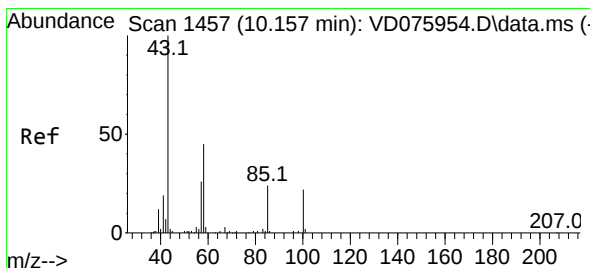
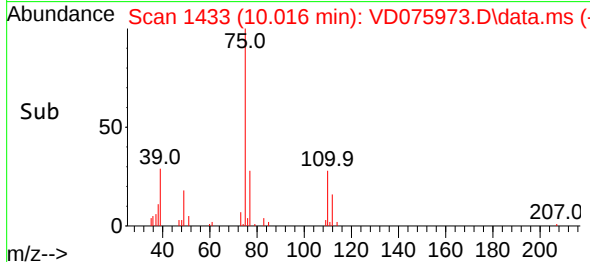
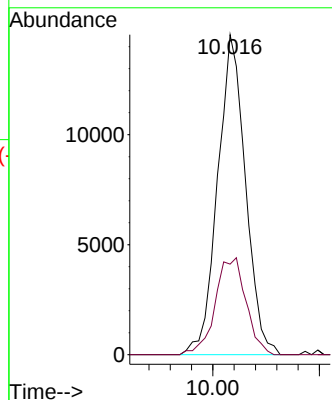
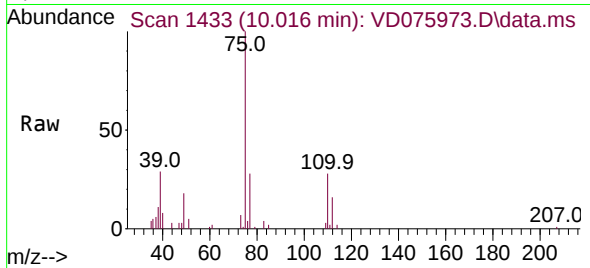




#39
 cis-1,3-Dichloropropene
 Concen: 25.673 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD075973.D
 Acq: 02 May 2023 19:30

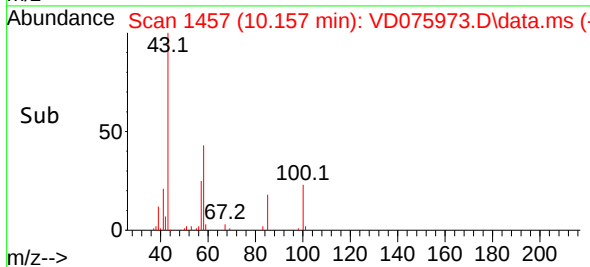
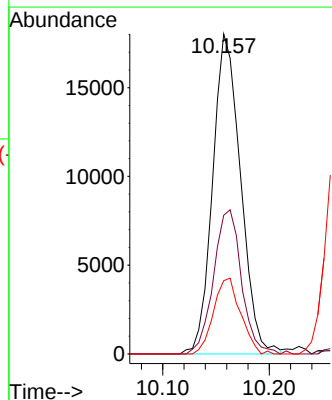
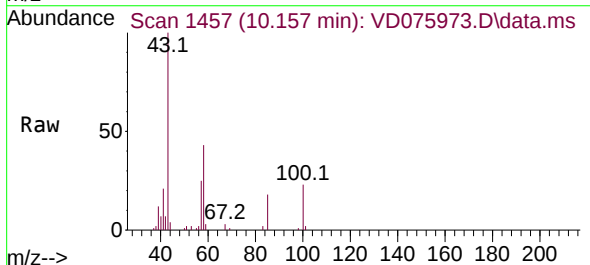
Instrument :
 MSVOA_D
 ClientSampleId :
 DCCN0MSD

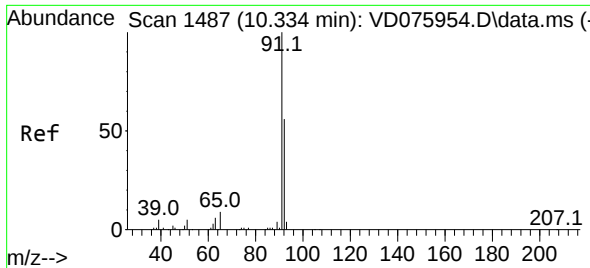
Tgt Ion: 75 Resp: 26391
 Ion Ratio Lower Upper
 75 100
 77 28.3 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 139.372 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD075973.D
 Acq: 02 May 2023 19:30

Tgt Ion: 43 Resp: 32845
 Ion Ratio Lower Upper
 43 100
 58 44.9 39.1 58.7
 100 22.7 19.4 29.0

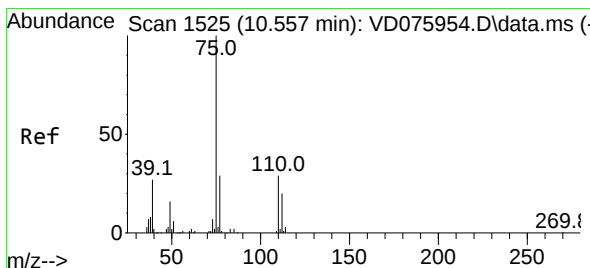
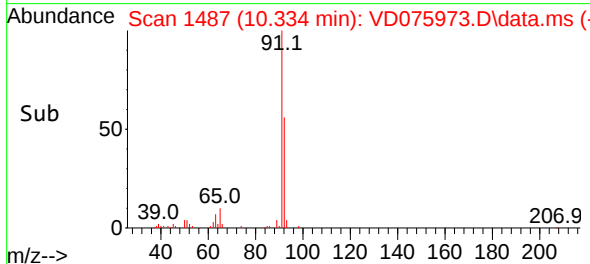
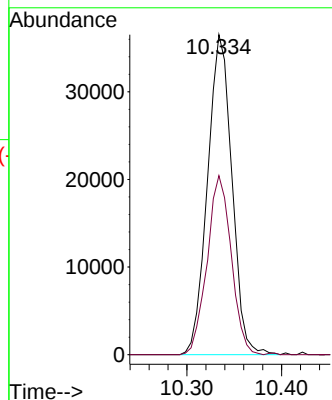
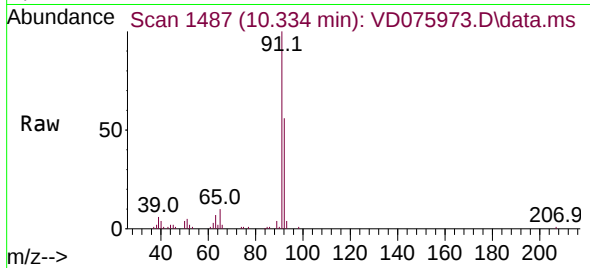




#42
Toluene
Concen: 21.470 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

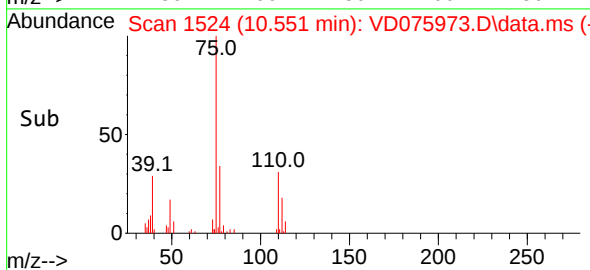
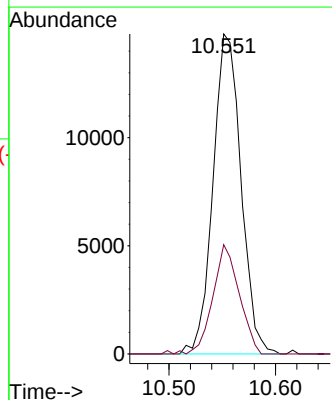
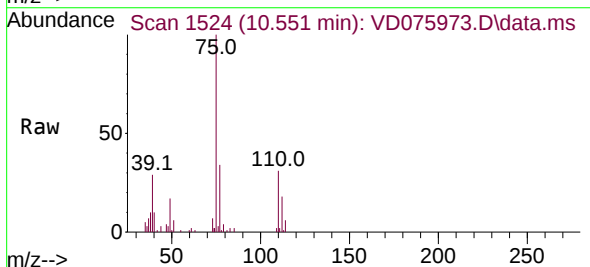
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MSD

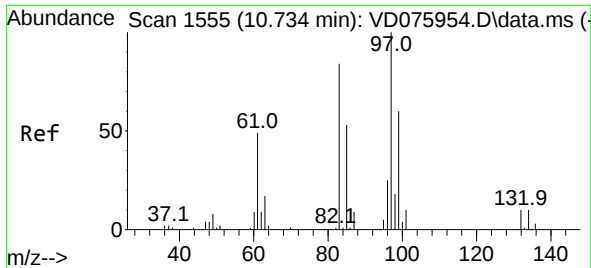
Tgt Ion: 91 Resp: 65377
Ion Ratio Lower Upper
91 100
92 55.9 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 32.701 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

Tgt Ion: 75 Resp: 27004
Ion Ratio Lower Upper
75 100
77 34.1 22.0 41.0

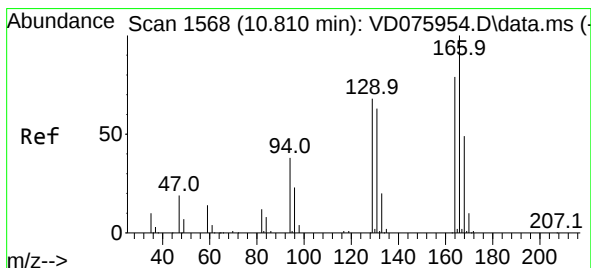
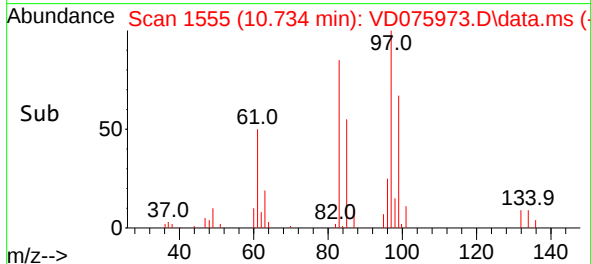
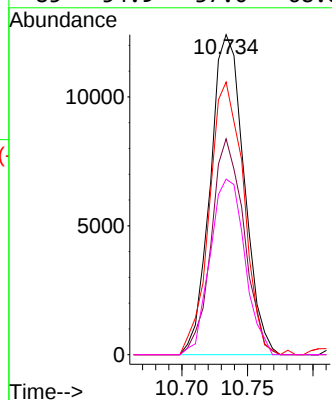
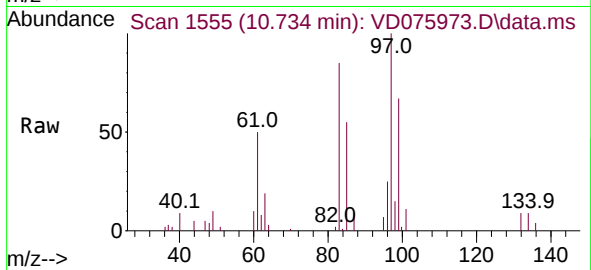




#45
1,1,2-Trichloroethane
Concen: 40.488 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

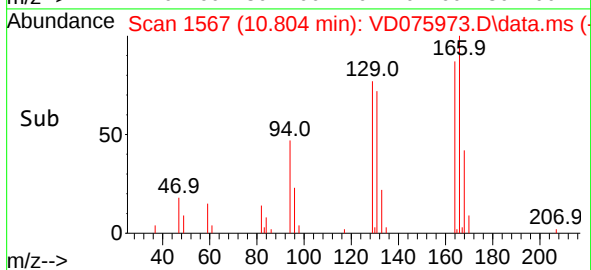
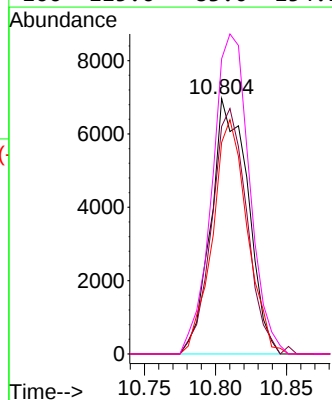
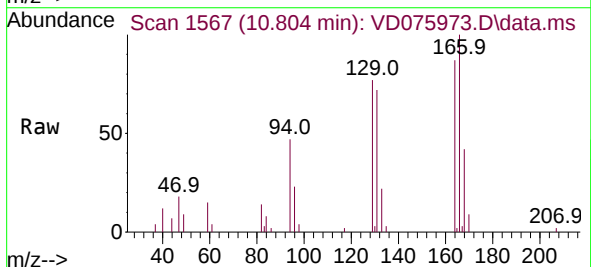
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MSD

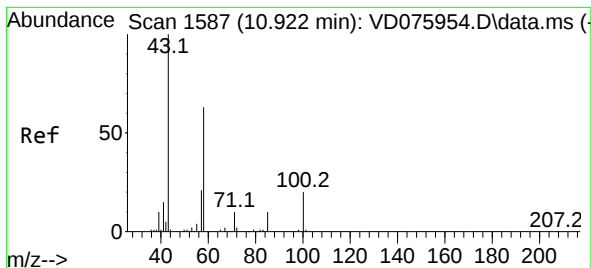
Tgt Ion:	97	Resp:	22264
Ion	Ratio	Lower	Upper
97	100		
99	67.5	42.2	78.4
83	85.2	54.8	101.8
85	54.9	37.0	68.8



#46
Tetrachloroethene
Concen: 21.035 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

Tgt Ion:	164	Resp:	12555
Ion	Ratio	Lower	Upper
164	100		
129	89.1	60.3	112.1
131	82.8	58.9	109.3
166	115.6	83.0	154.1





#48

2-Hexanone

Concen: 146.661 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

Lab File: VD075973.D

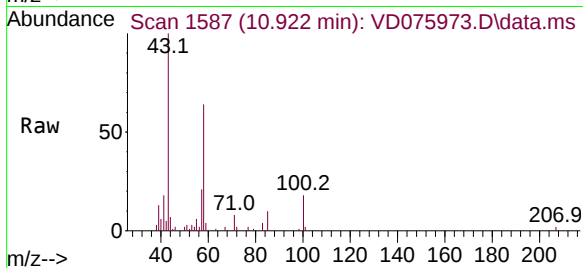
Acq: 02 May 2023 19:30

Instrument :

MSVOA_D

ClientSampleId :

DCCN0MSD



Tgt Ion: 43 Resp: 24366

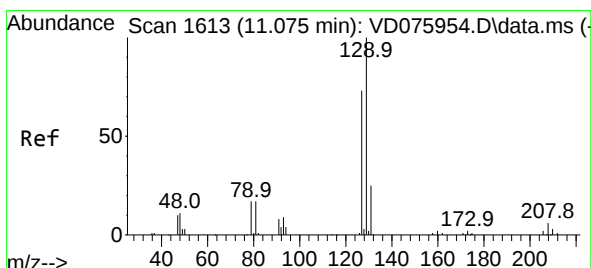
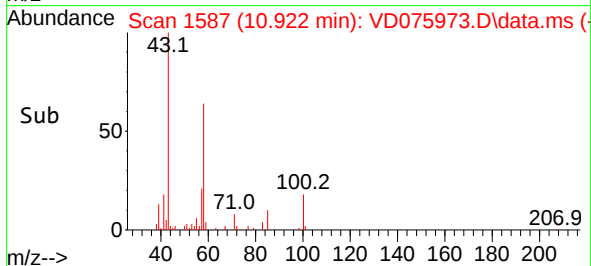
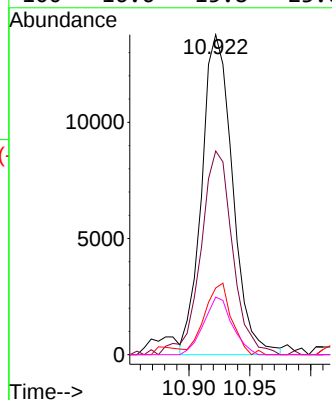
Ion Ratio Lower Upper

43 100

58 63.7 59.7 89.5

57 19.1 17.9 26.9

100 16.6 15.8 23.6



#49

Dibromochloromethane

Concen: 36.723 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD075973.D

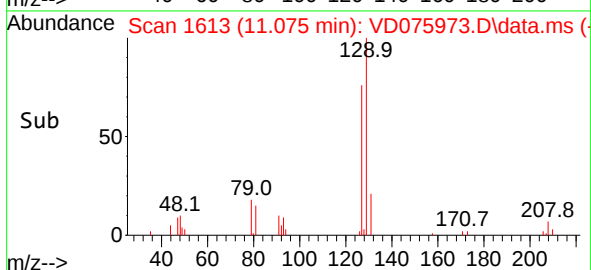
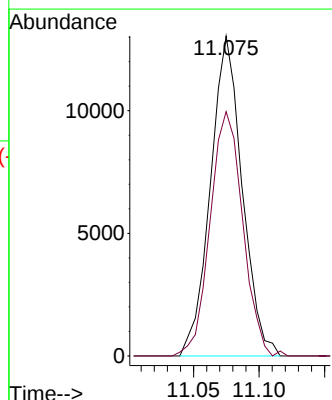
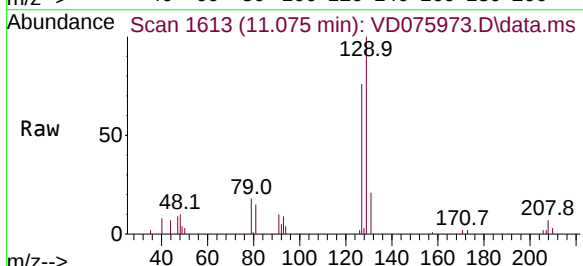
Acq: 02 May 2023 19:30

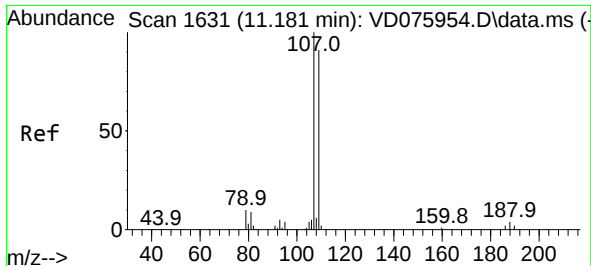
Tgt Ion: 129 Resp: 21984

Ion Ratio Lower Upper

129 100

127 76.3 55.6 103.4

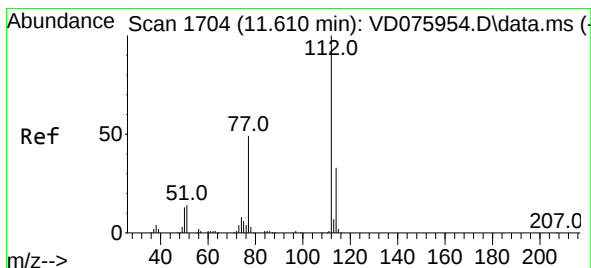
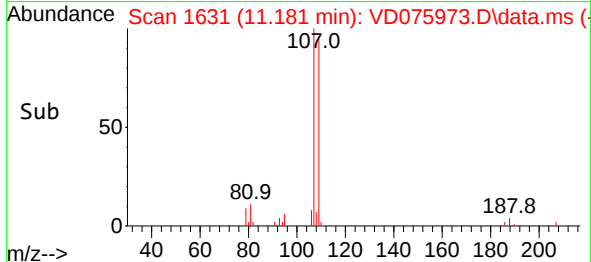
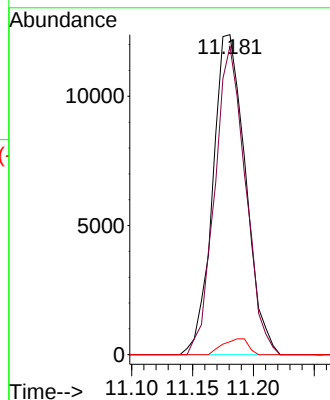
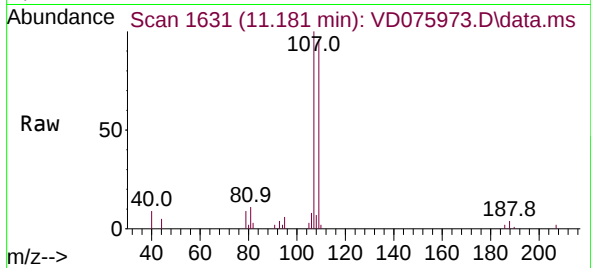




#50
1,2-Dibromoethane
Concen: 46.649 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

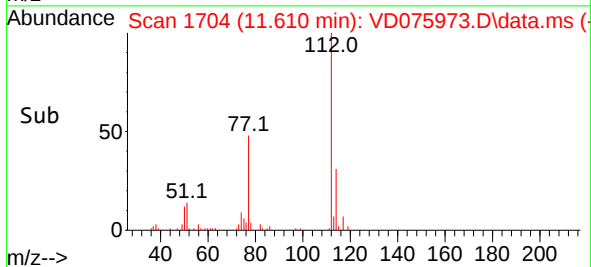
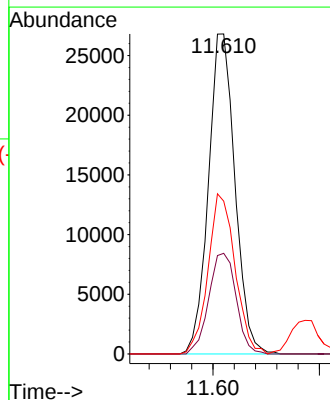
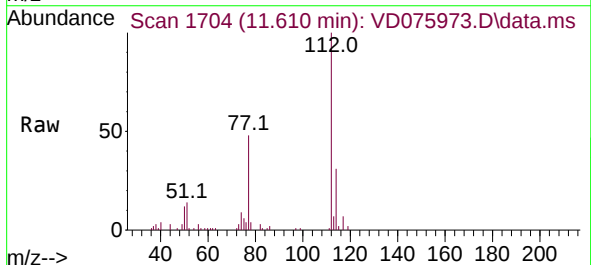
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MSD

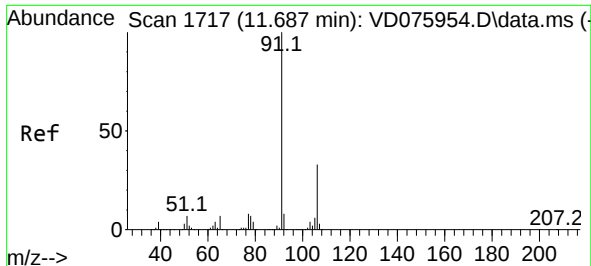
Tgt Ion:107	Resp:	23127
Ion Ratio	Lower	Upper
107	100	
109	96.3	67.6 125.6
188	4.1	3.0 4.6



#51
Chlorobenzene
Concen: 23.307 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

Tgt Ion:112	Resp:	46429
Ion Ratio	Lower	Upper
112	100	
114	31.4	23.0 42.8
77	47.8	39.7 59.5





#52

Ethylbenzene

Concen: 18.196 ug/L

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD075973.D

Acq: 02 May 2023 19:30

Instrument :

MSVOA_D

ClientSampleId :

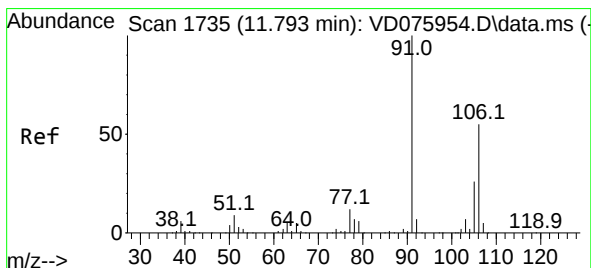
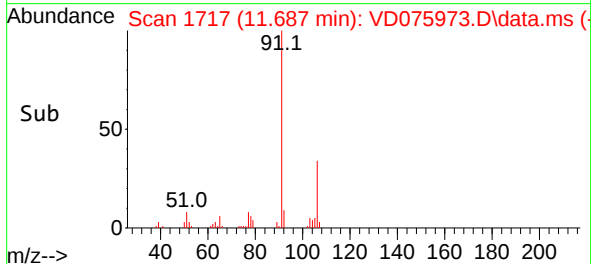
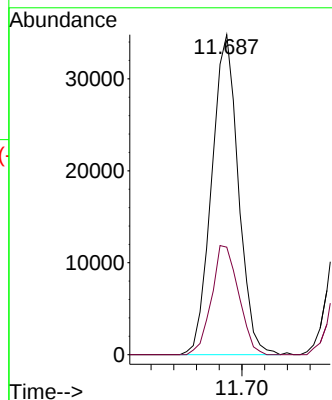
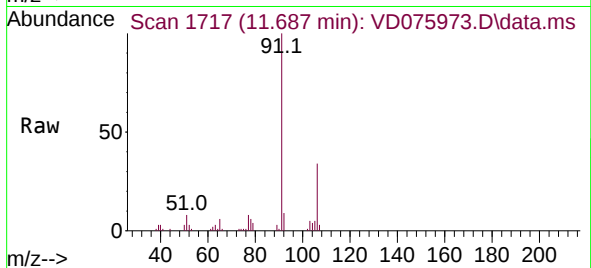
DCCN0MSD

Tgt Ion: 91 Resp: 56817

Ion Ratio Lower Upper

91 100

106 33.6 23.7 43.9



#53

m,p-Xylene

Concen: 18.638 ug/L

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD075973.D

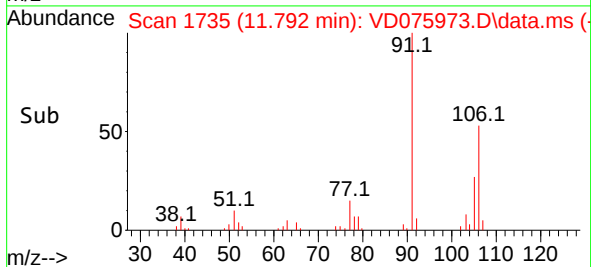
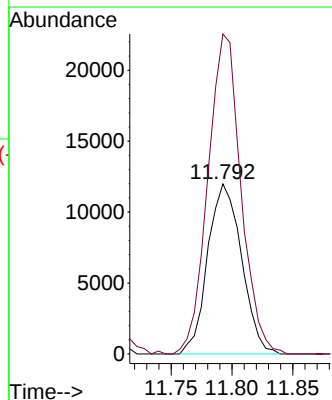
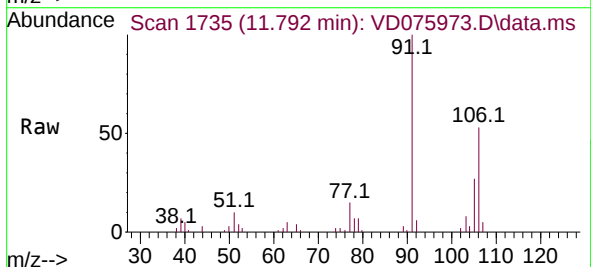
Acq: 02 May 2023 19:30

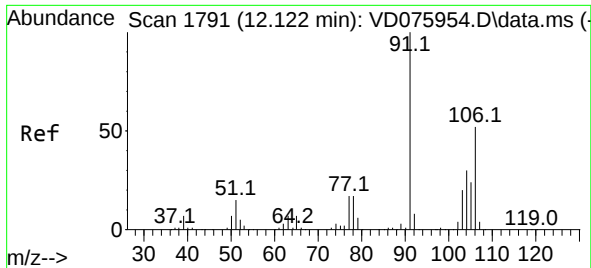
Tgt Ion: 106 Resp: 23174

Ion Ratio Lower Upper

106 100

91 188.2 130.9 243.1

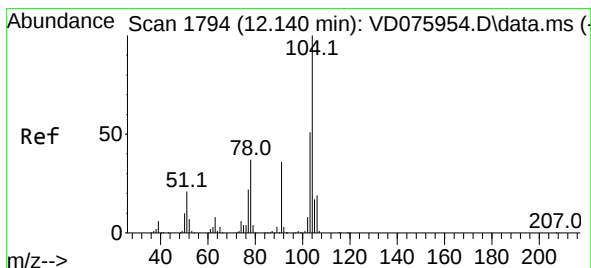
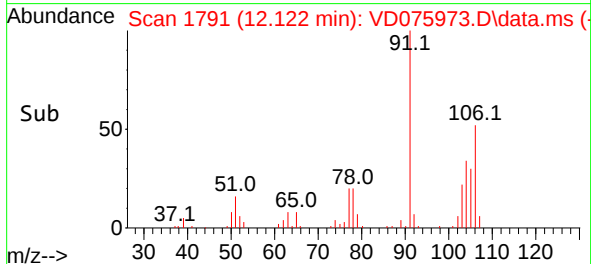
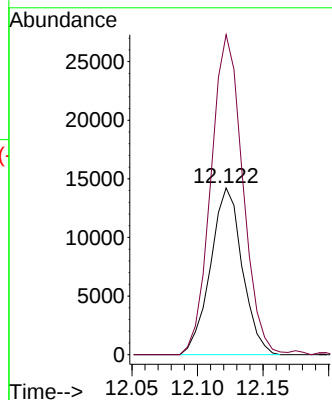
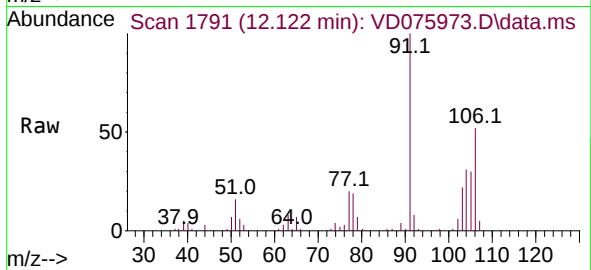




#54
o-Xylene
Concen: 20.284 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

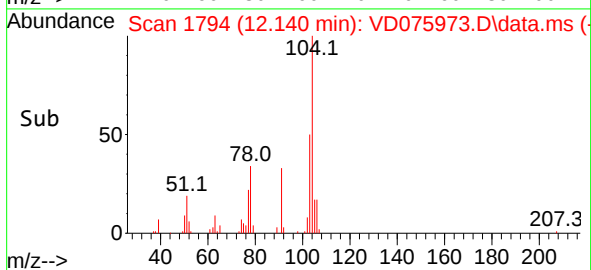
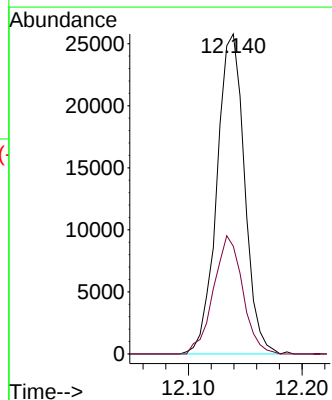
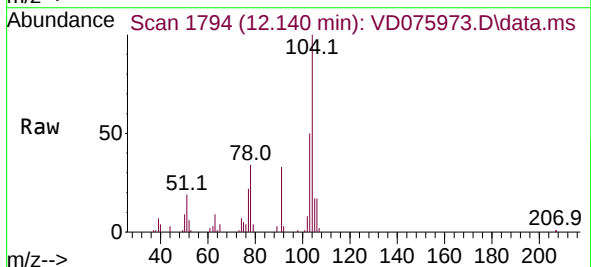
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MSD

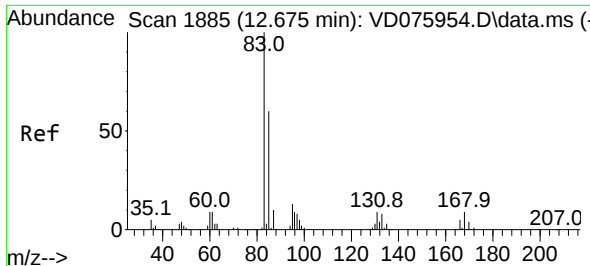
Tgt Ion:106 Resp: 23955
Ion Ratio Lower Upper
106 100
91 191.9 139.8 259.6



#55
Styrene
Concen: 21.228 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

Tgt Ion:104 Resp: 43632
Ion Ratio Lower Upper
104 100
78 33.7 26.2 48.6

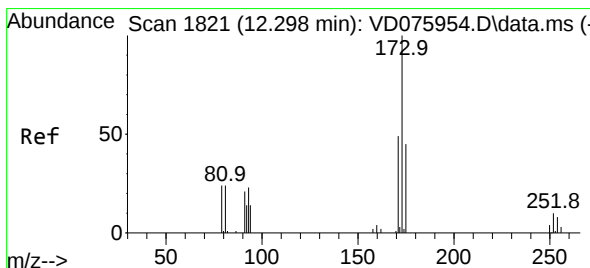
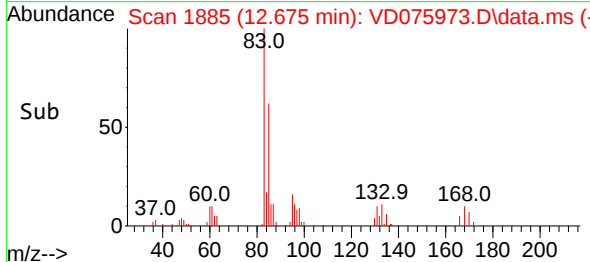
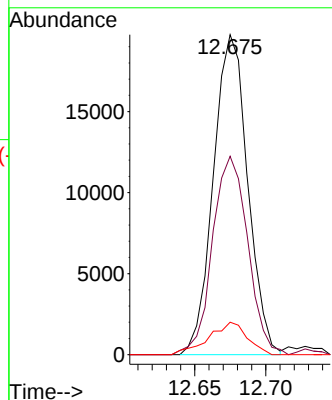
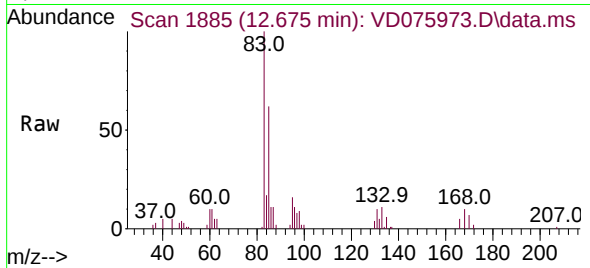




#57
1,1,2,2-Tetrachloroethane
Concen: 59.268 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

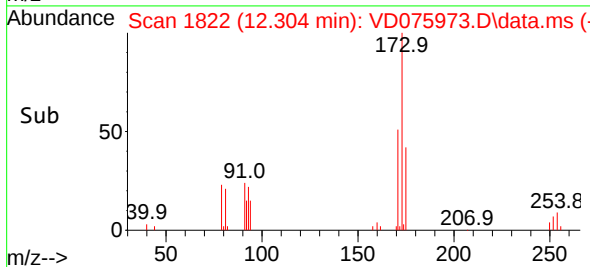
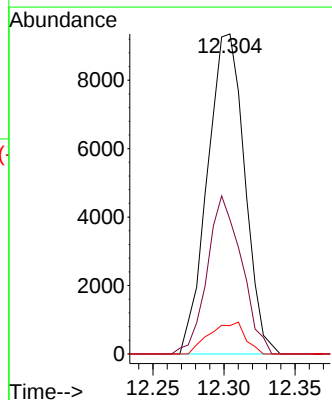
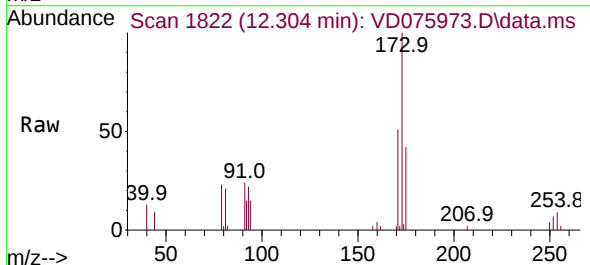
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MSD

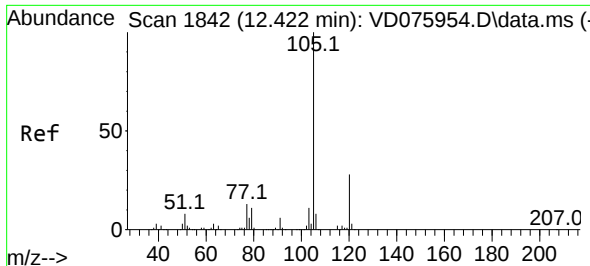
Tgt Ion: 83 Resp: 33161
Ion Ratio Lower Upper
83 100
85 62.0 45.1 83.7
131 10.2 7.0 10.6



#59
Bromoform
Concen: 49.847 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

Tgt Ion:173 Resp: 17024
Ion Ratio Lower Upper
173 100
175 45.7 39.4 59.0
254 9.5 7.4 11.2

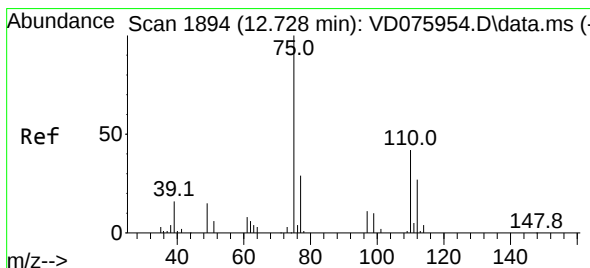
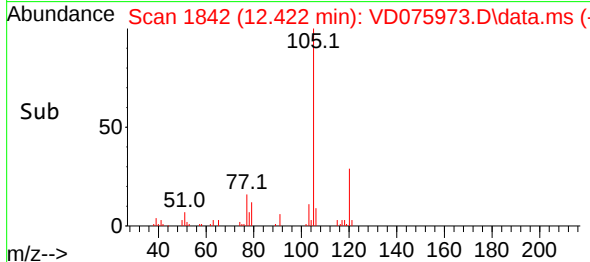
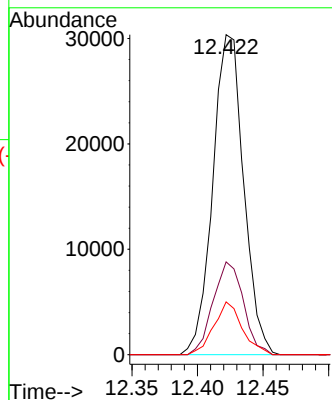
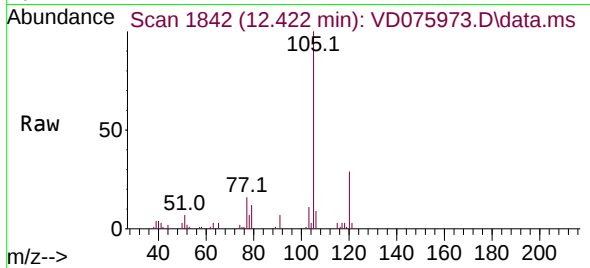




#60
Isopropylbenzene
Concen: 16.839 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

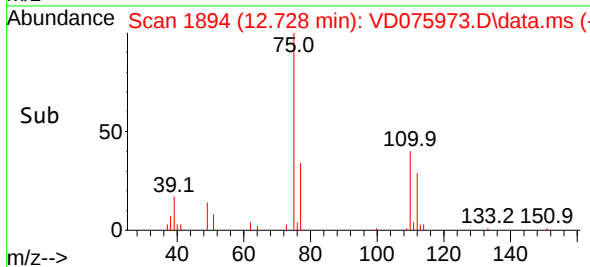
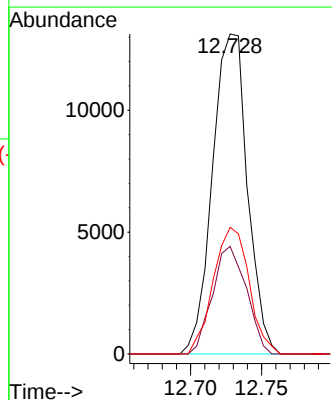
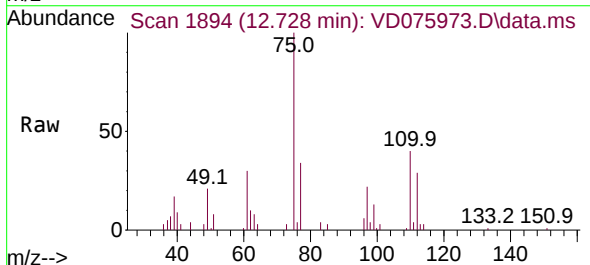
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MSD

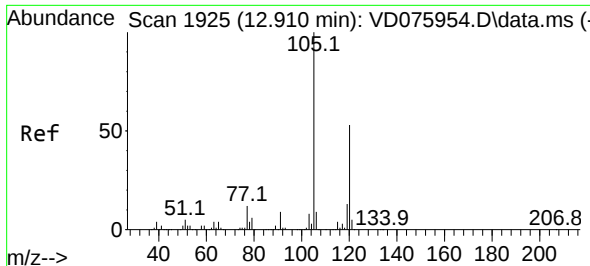
Tgt Ion:105 Resp: 49756
Ion Ratio Lower Upper
105 100
120 28.4 22.7 34.1
77 15.2 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 64.318 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

Tgt Ion: 75 Resp: 22515
Ion Ratio Lower Upper
75 100
77 32.6 26.6 39.8
110 40.4 33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 17.753 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. -0.006 min

Lab File: VD075973.D

Acq: 02 May 2023 19:30

Instrument :

MSVOA_D

ClientSampleId :

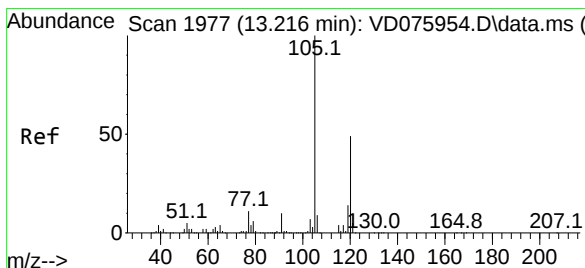
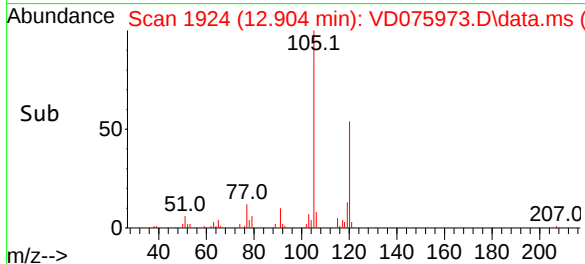
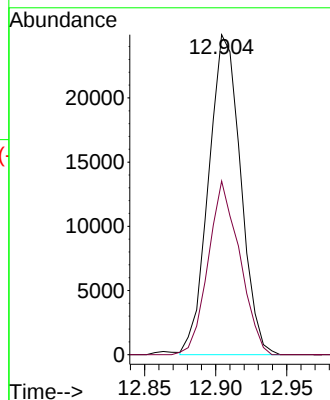
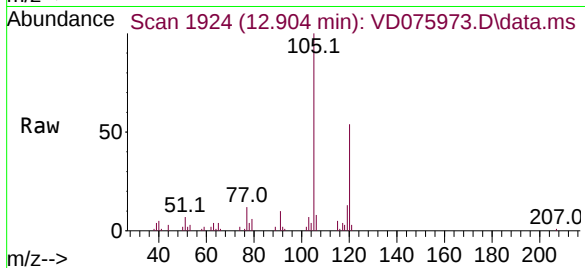
DCCN0MSD

Tgt Ion:105 Resp: 39115

Ion Ratio Lower Upper

105 100

120 53.3 42.0 63.0



#63

1,2,4-Trimethylbenzene

Concen: 18.044 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD075973.D

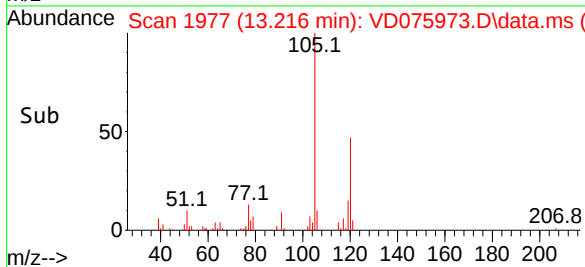
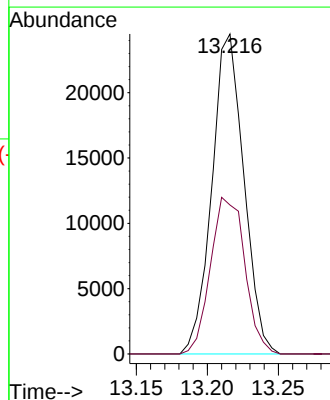
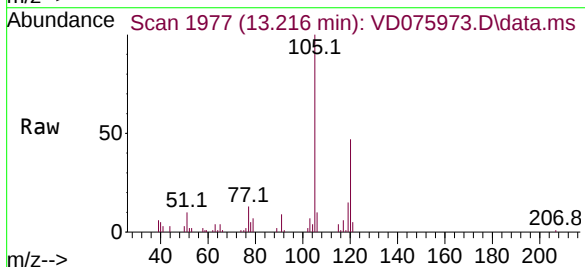
Acq: 02 May 2023 19:30

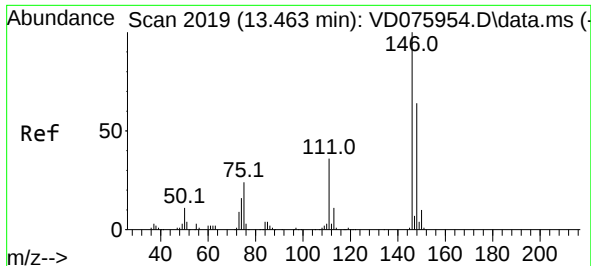
Tgt Ion:105 Resp: 38324

Ion Ratio Lower Upper

105 100

120 52.5 39.0 58.6

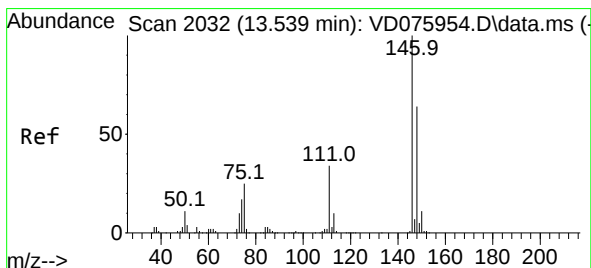
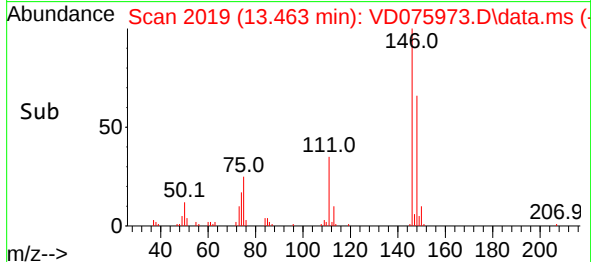
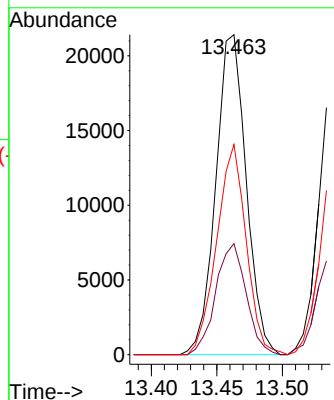
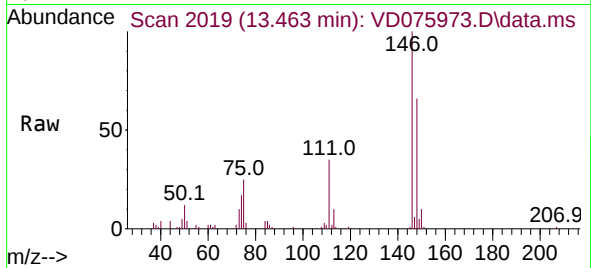




#64
1,3-Dichlorobenzene
Concen: 24.473 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

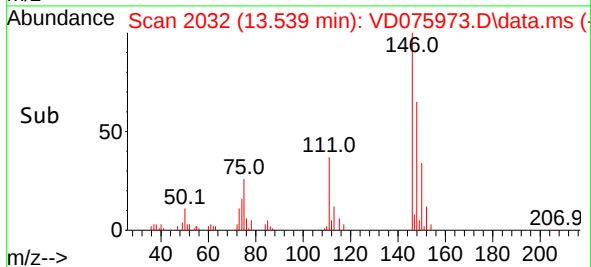
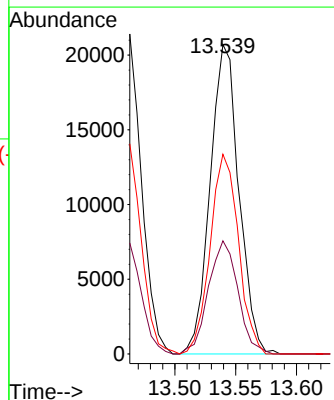
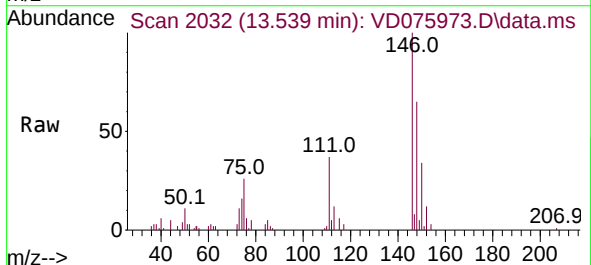
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MSD

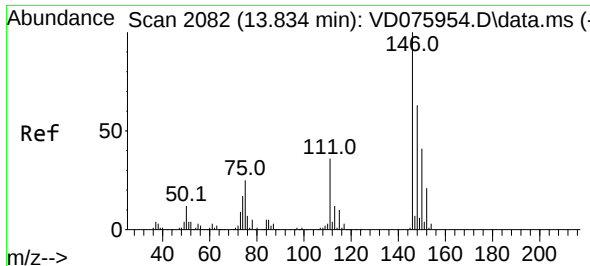
Tgt Ion:146 Resp: 34600
Ion Ratio Lower Upper
146 100
111 34.7 26.5 49.1
148 65.7 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 22.956 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

Tgt Ion:146 Resp: 34062
Ion Ratio Lower Upper
146 100
111 36.6 24.6 45.8
148 64.5 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 27.900 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075973.D

Acq: 02 May 2023 19:30

Instrument :

MSVOA_D

ClientSampleId :

DCCN0MSD

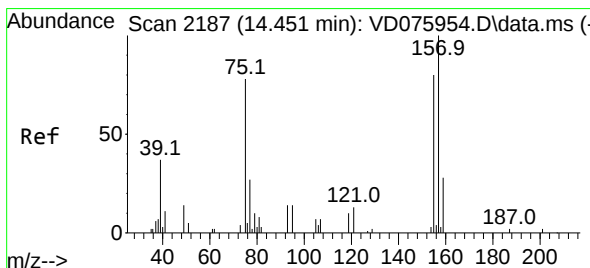
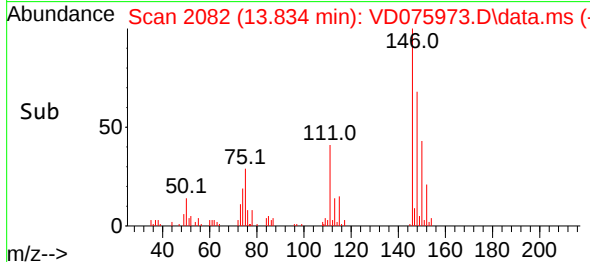
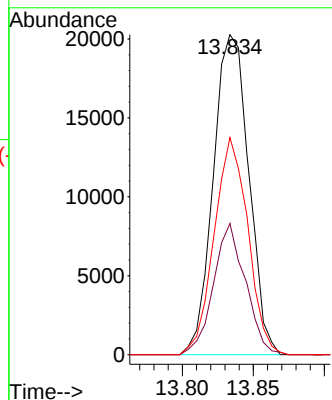
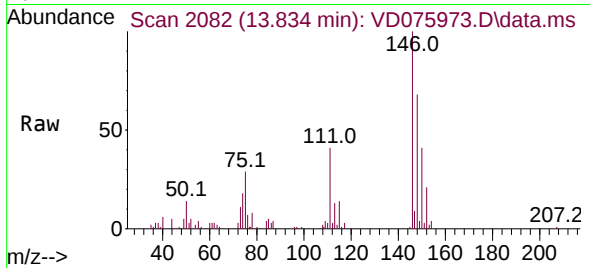
Tgt Ion:146 Resp: 35225

Ion Ratio Lower Upper

146 100

111 41.0 30.6 46.0

148 67.8 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 72.991 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD075973.D

Acq: 02 May 2023 19:30

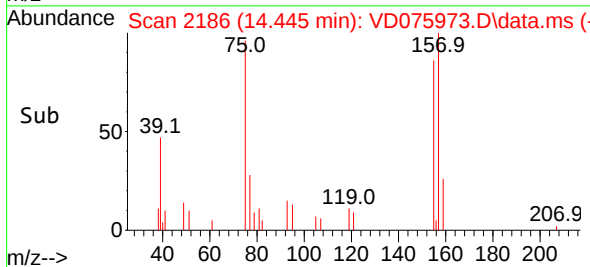
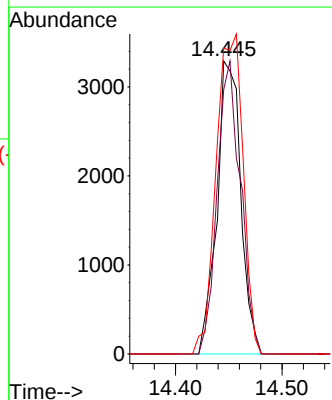
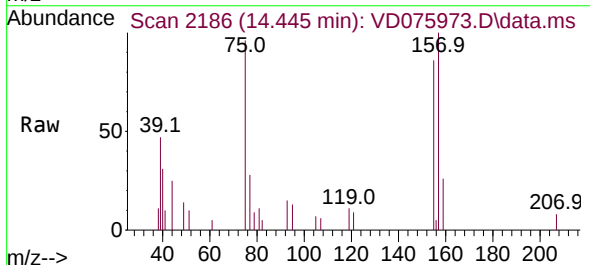
Tgt Ion: 75 Resp: 5108

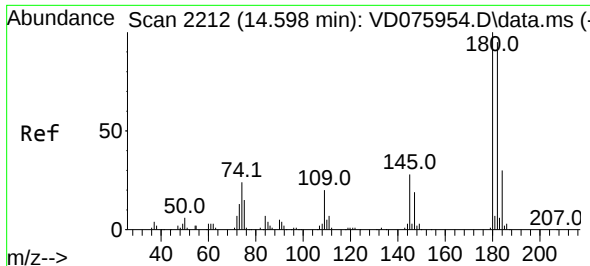
Ion Ratio Lower Upper

75 100

155 90.3 74.6 111.8

157 104.4 109.4 164.2#

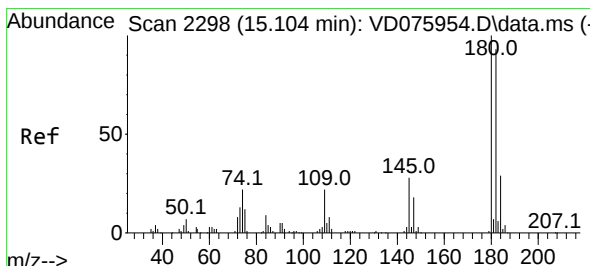
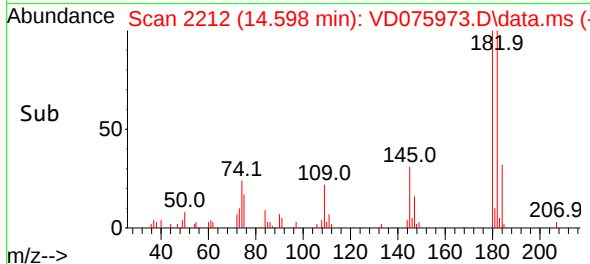
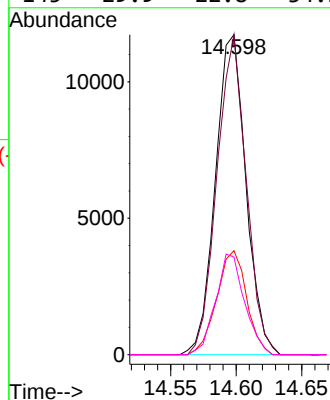
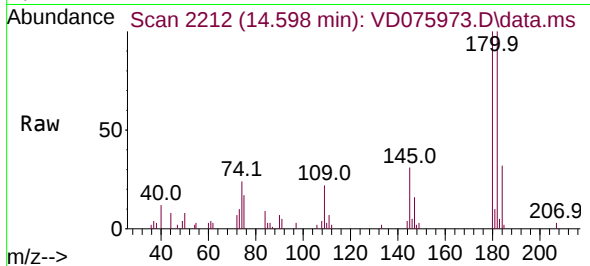




#69
1,3,5-Trichlorobenzene
Concen: 20.042 ug/L
RT: 14.598 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

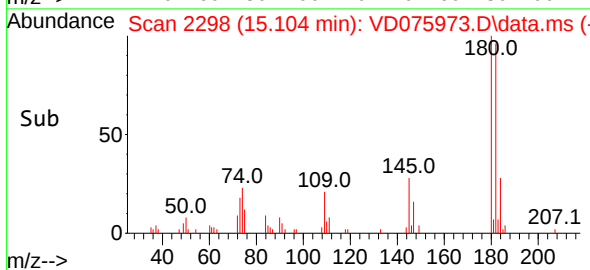
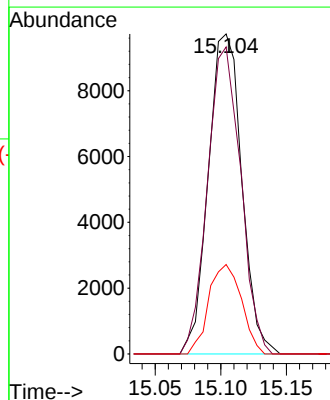
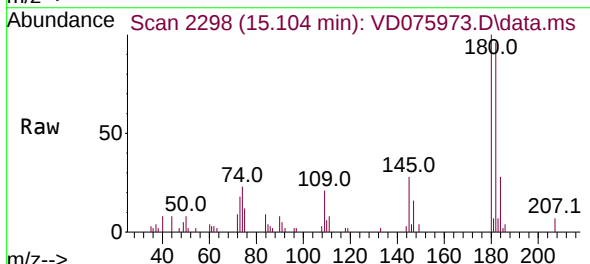
Instrument :
MSVOA_D
ClientSampleId :
DCCN0MSD

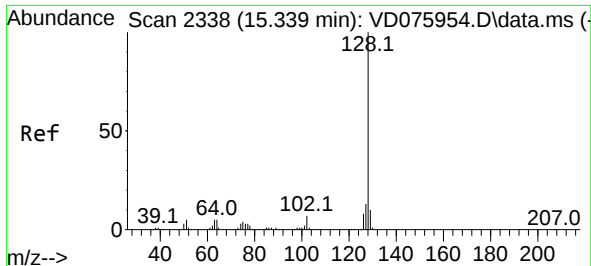
Tgt Ion:180	Resp:	18992
Ion Ratio	Lower	Upper
180	100	
182	95.5	74.9 112.3
184	31.8	25.0 37.4
145	29.9	22.8 34.2



#70
1,2,4-trichlorobenzene
Concen: 21.982 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

Tgt Ion:180	Resp:	17262
Ion Ratio	Lower	Upper
180	100	
182	95.1	75.4 113.2
145	27.3	23.6 35.4

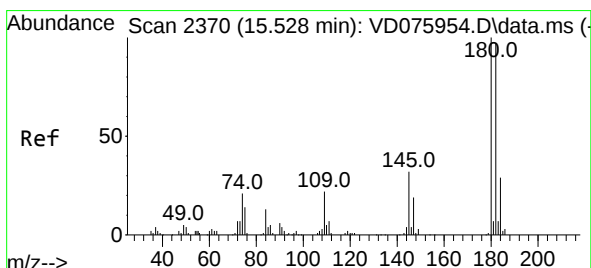
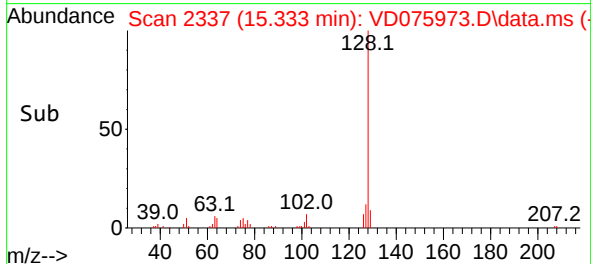
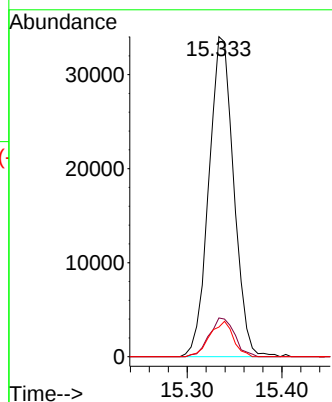
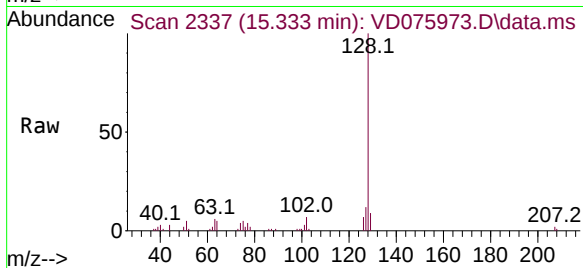




#71
Naphthalene
Concen: 43.316 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

Instrument :
MSVOA_D
ClientSampleId :
DCCN0MSD

Tgt Ion:128	Resp: 62248
Ion Ratio	Lower Upper
128 100	
127 12.3	10.5 15.7
129 10.5	9.1 13.7



#72
1,2,3-Trichlorobenzene
Concen: 27.792 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075973.D
Acq: 02 May 2023 19:30

Tgt Ion:180	Resp: 19482
Ion Ratio	Lower Upper
180 100	
182 95.3	76.3 114.5
145 29.0	25.0 37.6

