

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033123\
 Data File : VD075552.D
 Acq On : 31 Mar 2023 10:46
 Operator : KP/SY
 Sample : VSTD2.517
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 31 23:55:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 31 23:54:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	420285	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	304894	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	133173	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	21395	2.186	ug/L	0.00
7) Chloroethane-d5	2.805	69	19433	2.232	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	63	16855	2.135	ug/L	0.00
21) 2-Butanone-d5	6.981	46	1748	2.743	ug/L	0.00
24) Chloroform-d	7.563	84	24750	2.498	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	10727	2.443	ug/L	0.00
32) Benzene-d6	8.199	84	48180	2.703	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	12340	2.598	ug/L	0.00
41) Toluene-d8	10.269	98	35819	2.143	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	4505	2.275	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	2579	4.588	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	9214	2.589	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	10947	2.396	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	11040	2.803	ug/L	99
3) Chloromethane	2.152	50	14380	2.790	ug/L	96
5) Vinyl chloride	2.281	62	20861	2.597	ug/L	98
6) Bromomethane	2.693	94	14260	2.602	ug/L	96
8) Chloroethane	2.840	64	15105	2.699	ug/L	98
9) Trichlorofluoromethane	3.175	101	18281	2.617	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	10622	2.189	ug/L	90
12) 1,1-Dichloroethene	3.952	96	9634	2.403	ug/L #	63
13) Acetone	4.016	43	3373	5.047	ug/L	62
14) Carbon disulfide	4.275	76	26471	2.760	ug/L #	94
15) Methyl Acetate	4.563	43	2334	2.084	ug/L #	65
16) Methylene chloride	4.799	84	20061	3.472	ug/L	91
17) trans-1,2-Dichloroethene	5.316	96	10391	2.442	ug/L	87
18) Methyl tert-butyl Ether	5.310	73	16771	2.073	ug/L #	68
19) 1,1-Dichloroethane	6.110	63	11409	1.564	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	11435	2.288	ug/L	93
22) 2-Butanone	7.075	43	2594	3.258	ug/L	75
23) Bromochloromethane	7.428	128	6364	2.701	ug/L	94
25) Chloroform	7.593	83	23070	2.640	ug/L	93
27) 1,2-Dichloroethane	8.334	62	11452	2.536	ug/L	96
29) Cyclohexane	7.875	56	10976	2.950	ug/L	99
30) 1,1,1-Trichloroethane	7.787	97	19120	3.183	ug/L	97
31) Carbon tetrachloride	7.993	117	15386	3.173	ug/L	97
33) Benzene	8.251	78	46470	2.962	ug/L	100
34) Trichloroethene	9.028	95	13990	3.183	ug/L	96
35) Methylcyclohexane	9.275	83	13769	2.395	ug/L	93
37) 1,2-Dichloropropane	9.304	63	9653	2.615	ug/L	97
38) Bromodichloromethane	9.587	83	14283	2.717	ug/L	93
39) cis-1,3-Dichloropropene	10.016	75	13799	2.358	ug/L #	82
40) 4-Methyl-2-pentanone	10.163	43	6257	4.523	ug/L	97
42) Toluene	10.334	91	40781	2.340	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	11796	2.371	ug/L	92

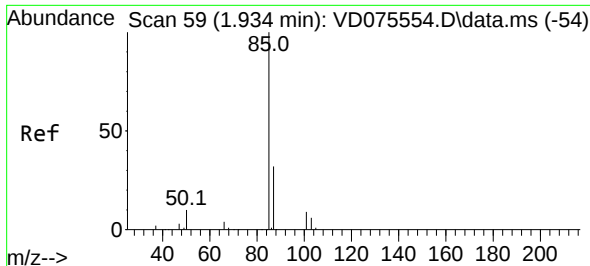
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033123\
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Quant Time: Mar 31 23:55:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 31 23:54:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	8465	2.499	ug/L	95
46) Tetrachloroethene	10.810	164	8648	2.512	ug/L	88
48) 2-Hexanone	10.922	43	4132	4.432	ug/L	98
49) Dibromochloromethane	11.081	129	9590	2.615	ug/L	88
50) 1,2-Dibromoethane	11.181	107	8303	2.798	ug/L #	92
51) Chlorobenzene	11.610	112	29437	2.507	ug/L	93
52) Ethylbenzene	11.687	91	43141	2.354	ug/L	89
53) m,p-Xylene	11.798	106	15806	2.199	ug/L	86
54) o-Xylene	12.122	106	14245	2.081	ug/L	96
55) Styrene	12.139	104	24748	2.029	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	9184	2.627	ug/L #	88
59) Bromoform	12.298	173	5409	2.626	ug/L #	94
60) Isopropylbenzene	12.422	105	39478	2.245	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	5594	2.654	ug/L	98
62) 1,3,5-Trimethylbenzene	12.910	105	28505	2.149	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	25472	2.008	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	20009	2.513	ug/L	95
65) 1,4-Dichlorobenzene	13.539	146	21887	2.635	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	17740	2.460	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.451	75	1349	3.178	ug/L #	58
69) 1,3,5-Trichlorobenzene	14.598	180	12210	2.487	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	9901	2.491	ug/L	98
71) Naphthalene	15.339	128	16595	2.258	ug/L	98
72) 1,2,3-Trichlorobenzene	15.528	180	8729	2.452	ug/L	95

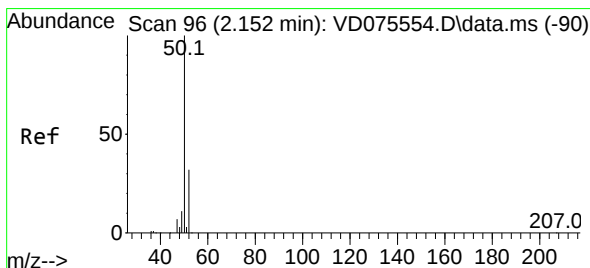
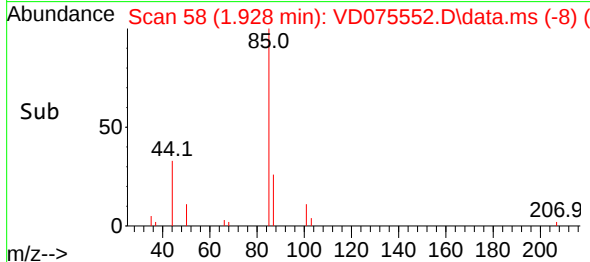
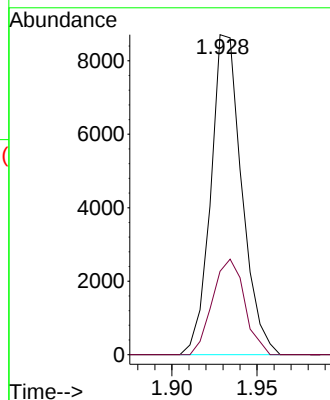
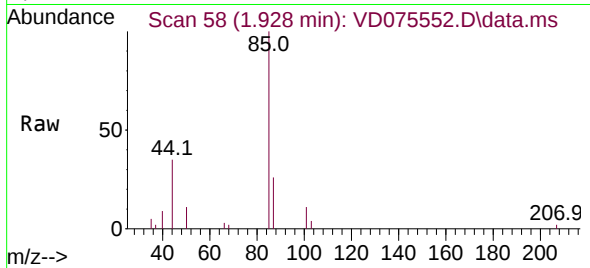
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 2.803 ug/L
 RT: 1.928 min Scan# 59
 Delta R.T. -0.006 min
 Lab File: VD075552.D
 Acq: 31 Mar 2023 10:46

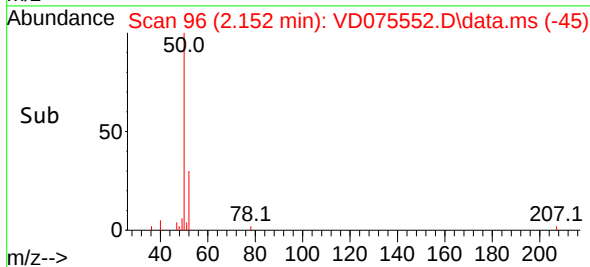
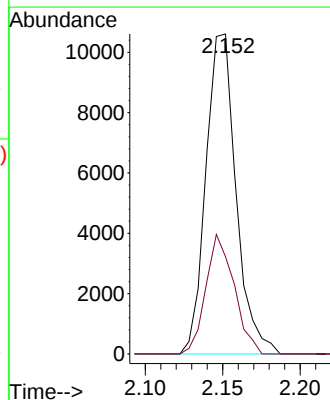
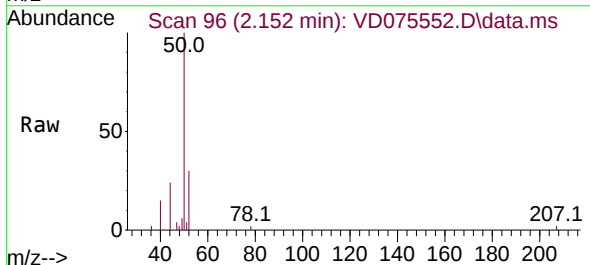
Instrument :
 MSVOA_D
 ClientSampleId :

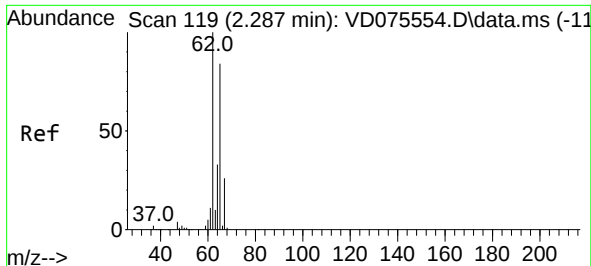
Tgt Ion: 85 Resp: 11040
 Ion Ratio Lower Upper
 85 100
 87 30.8 25.0 37.4



#3
 Chloromethane
 Concen: 2.790 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VD075552.D
 Acq: 31 Mar 2023 10:46

Tgt Ion: 50 Resp: 14380
 Ion Ratio Lower Upper
 50 100
 52 30.4 22.7 42.1

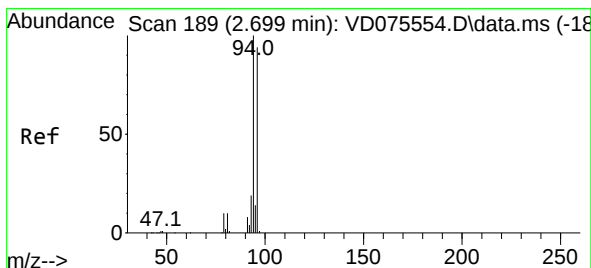
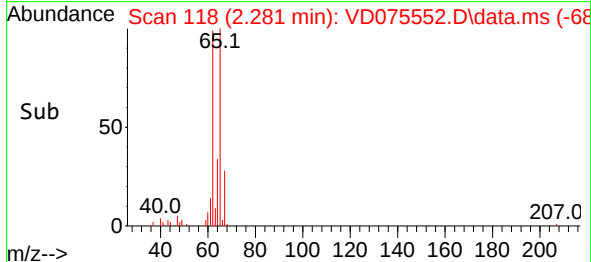
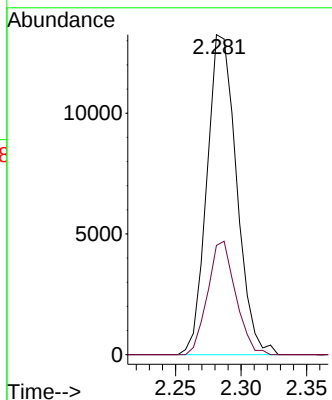
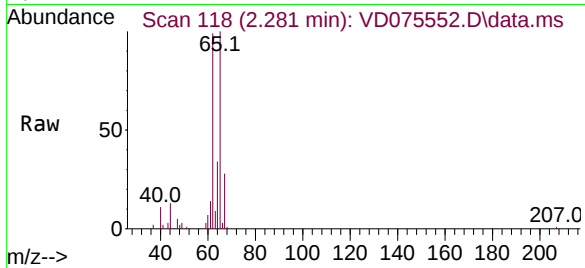




#5
 Vinyl chloride
 Concen: 2.597 ug/L
 RT: 2.281 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD075552.D
 Acq: 31 Mar 2023 10:46

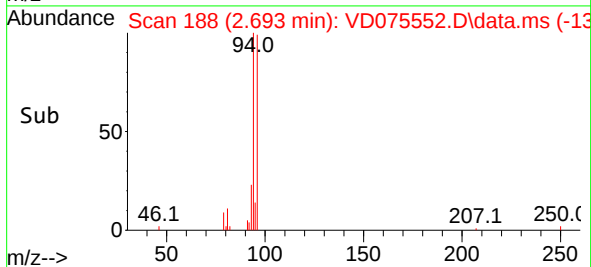
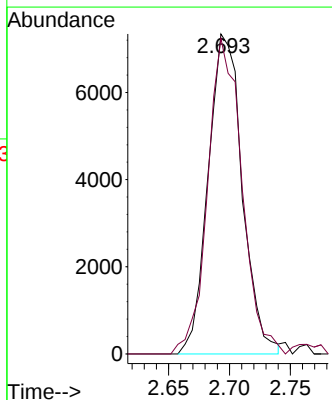
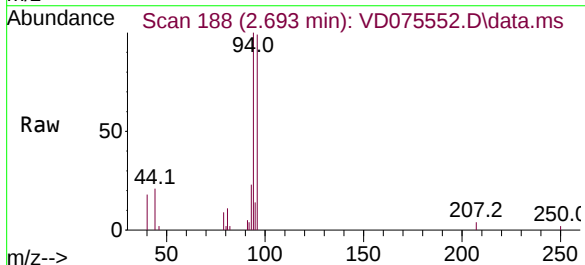
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 ClientSampleId :

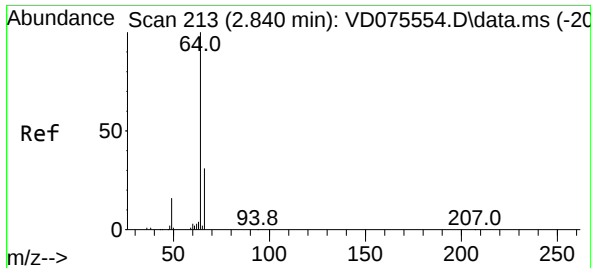
Tgt Ion: 62 Resp: 20861
 Ion Ratio Lower Upper
 62 100
 64 34.1 23.1 42.9



#6
 Bromomethane
 Concen: 2.602 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.006 min
 Lab File: VD075552.D
 Acq: 31 Mar 2023 10:46

Tgt Ion: 94 Resp: 14260
 Ion Ratio Lower Upper
 94 100
 96 98.6 66.1 122.7

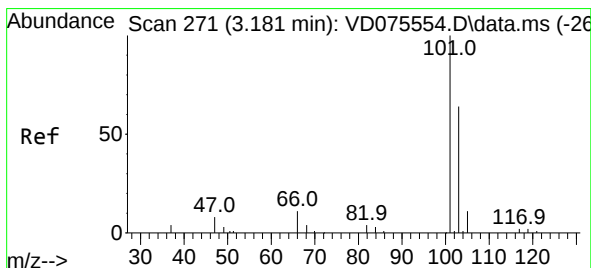
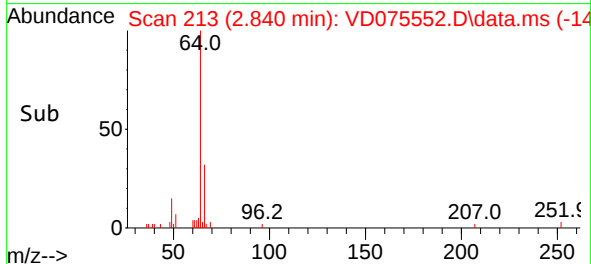
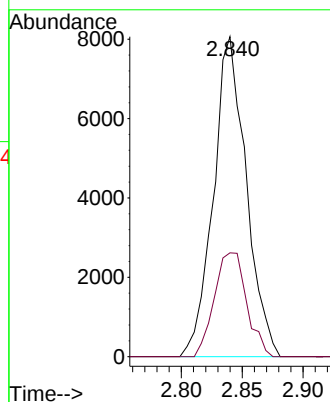
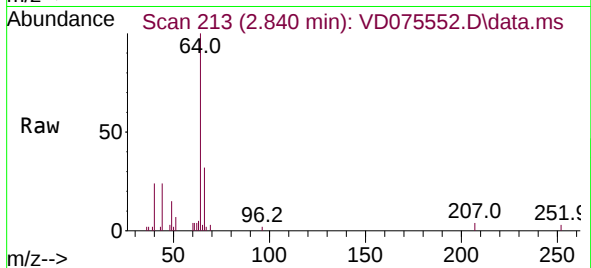




#8
Chloroethane
Concen: 2.699 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075552.D
Acq: 31 Mar 2023 10:46

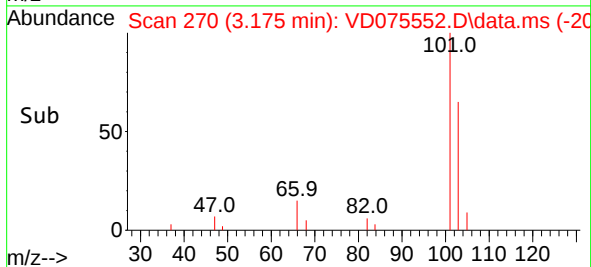
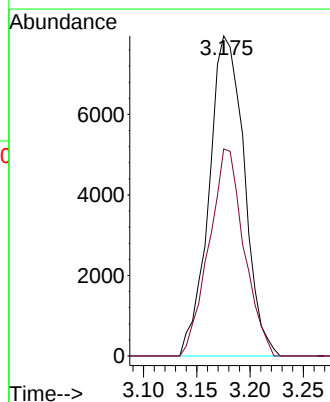
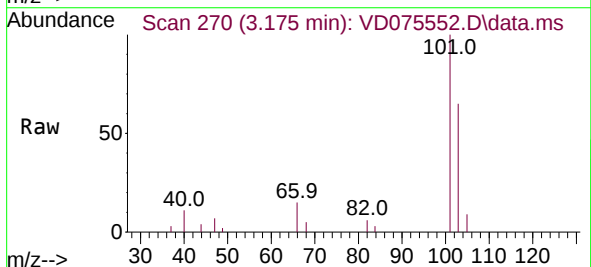
Instrument :
MSVOA_D
ClientSampleId :

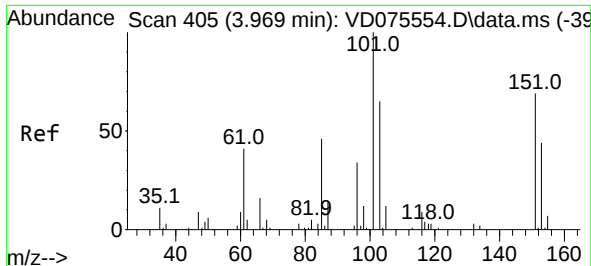
Tgt Ion: 64 Resp: 15105
Ion Ratio Lower Upper
64 100
66 32.4 22.0 41.0



#9
Trichlorofluoromethane
Concen: 2.617 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD075552.D
Acq: 31 Mar 2023 10:46

Tgt Ion:101 Resp: 18281
Ion Ratio Lower Upper
101 100
103 64.2 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.189 ug/L

RT: 3.969 min Scan# 405

Delta R.T. 0.000 min

Lab File: VD075552.D

Acq: 31 Mar 2023 10:46

Instrument :

MSVOA_D

ClientSampleId :

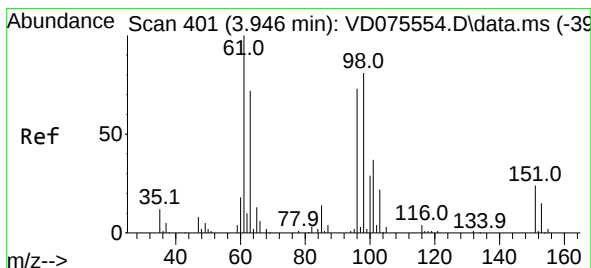
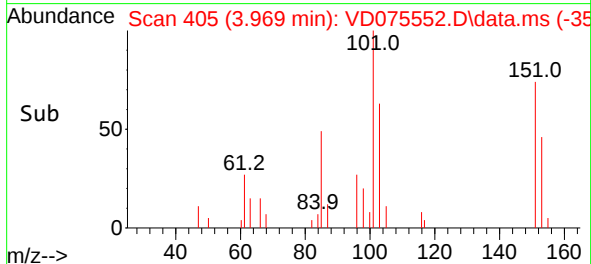
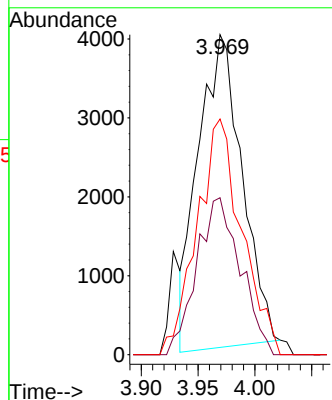
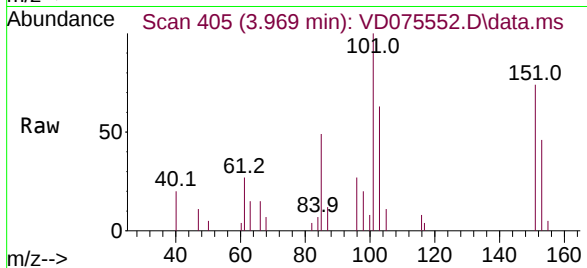
Tgt Ion:101 Resp: 10622

Ion Ratio Lower Upper

101 100

85 50.0 33.4 50.0

151 76.8 55.8 83.8



#12

1,1-Dichloroethene

Concen: 2.403 ug/L

RT: 3.952 min Scan# 402

Delta R.T. 0.006 min

Lab File: VD075552.D

Acq: 31 Mar 2023 10:46

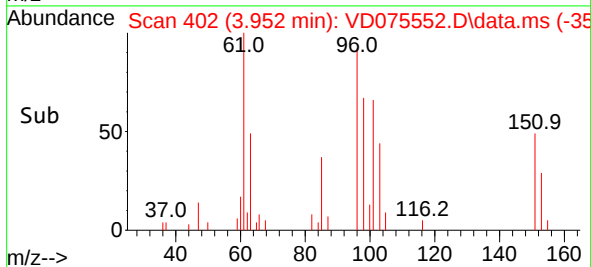
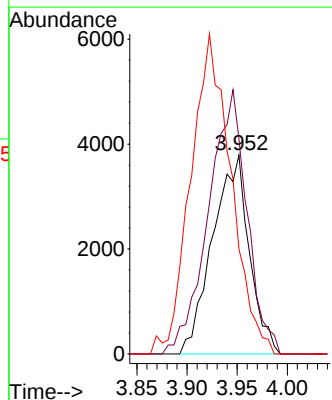
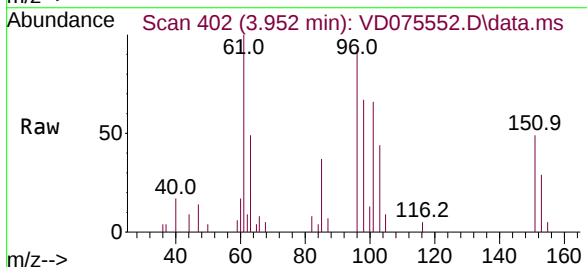
Tgt Ion: 96 Resp: 9634

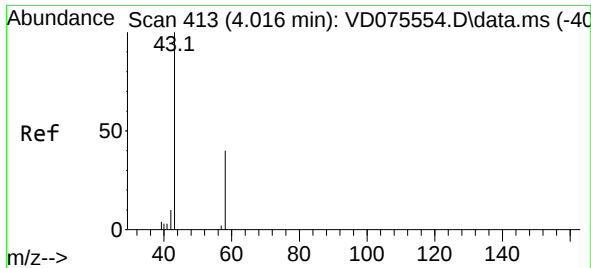
Ion Ratio Lower Upper

96 100

61 108.3 96.7 179.7

63 52.7 76.0 141.2#





#13

Acetone

Concen: 5.047 ug/L

RT: 4.016 min Scan# 413

Delta R.T. 0.000 min

Lab File: VD075552.D

Acq: 31 Mar 2023 10:46

Instrument :

MSVOA_D

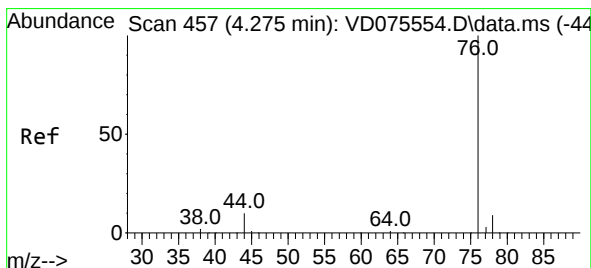
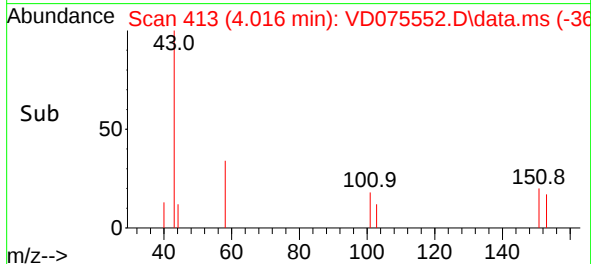
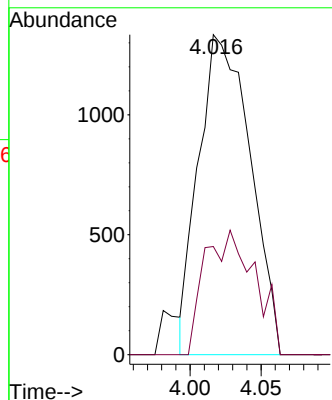
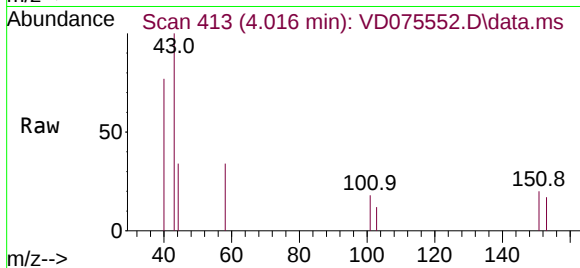
ClientSampleId :

Tgt Ion: 43 Resp: 3373

Ion Ratio Lower Upper

43 100

58 15.9 0.0 77.4



#14

Carbon disulfide

Concen: 2.760 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.000 min

Lab File: VD075552.D

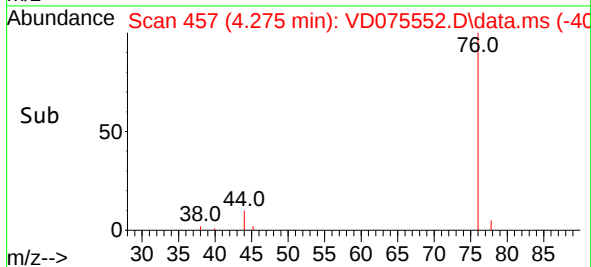
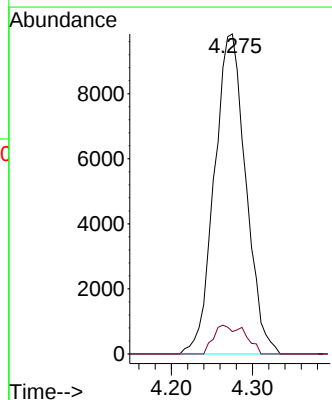
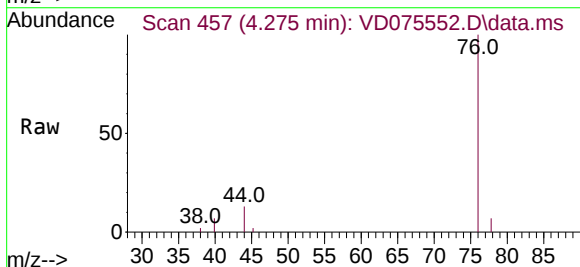
Acq: 31 Mar 2023 10:46

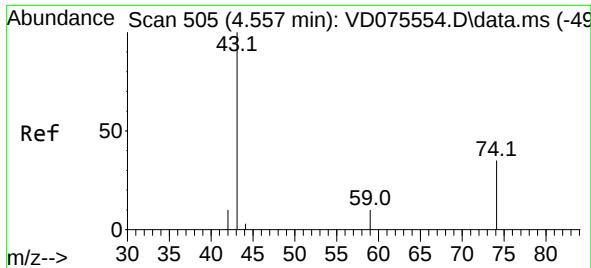
Tgt Ion: 76 Resp: 26471

Ion Ratio Lower Upper

76 100

78 7.0 7.4 11.0#

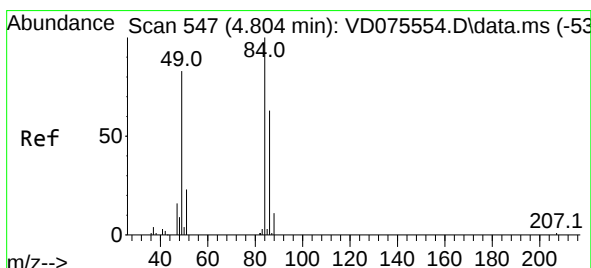
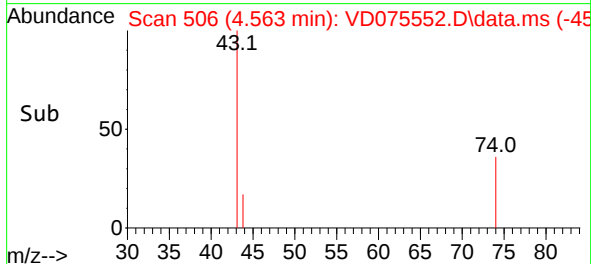
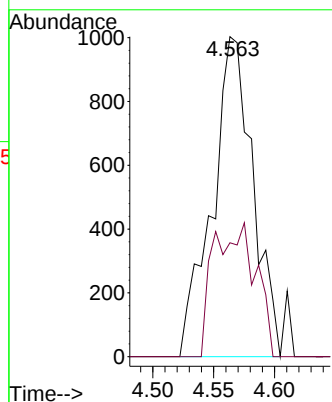
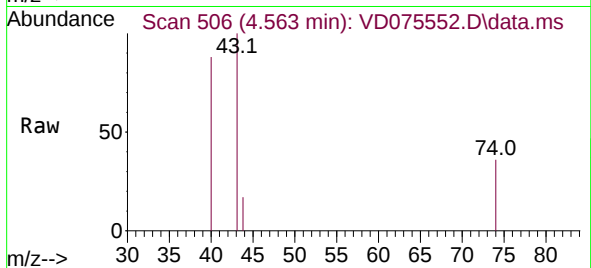




#15
Methyl Acetate
Concen: 2.084 ug/L
RT: 4.563 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD075552.D
Acq: 31 Mar 2023 10:46

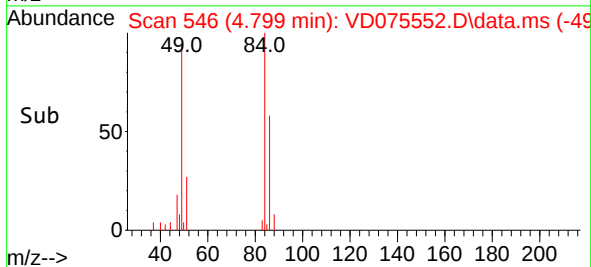
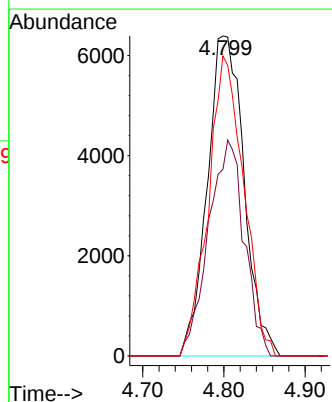
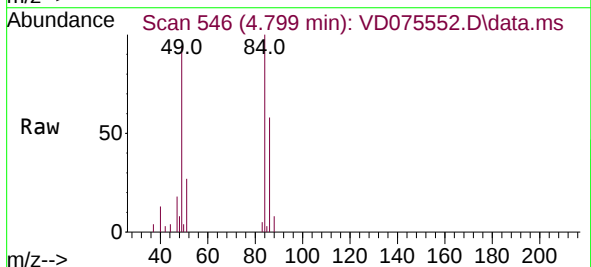
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ClientSampleId :

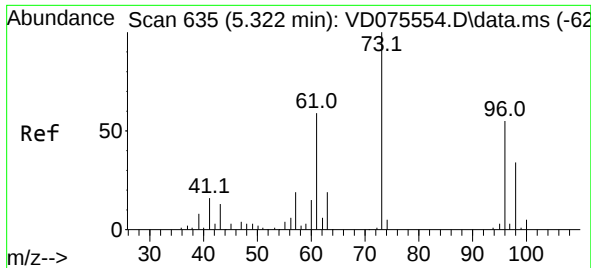
Tgt Ion: 43 Resp: 2334
Ion Ratio Lower Upper
43 100
74 15.3 29.0 43.4#



#16
Methylene chloride
Concen: 3.472 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075552.D
Acq: 31 Mar 2023 10:46

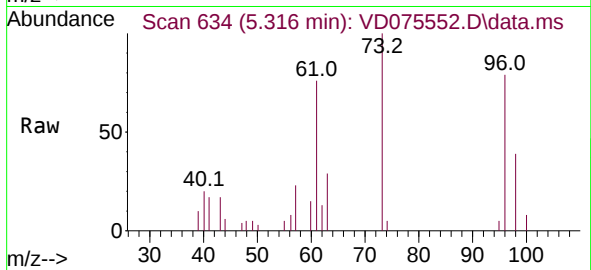
Tgt Ion: 84 Resp: 20061
Ion Ratio Lower Upper
84 100
86 58.3 44.4 82.4
49 93.8 58.5 108.7



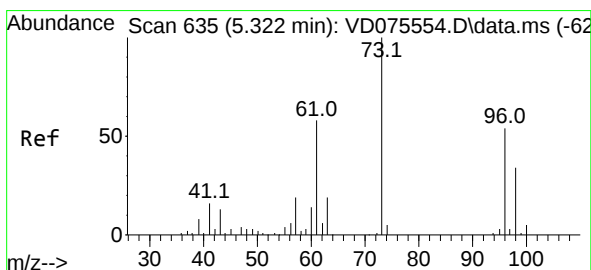
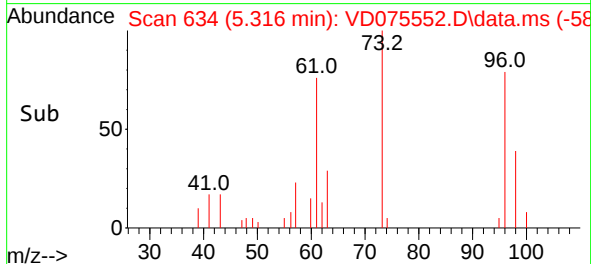
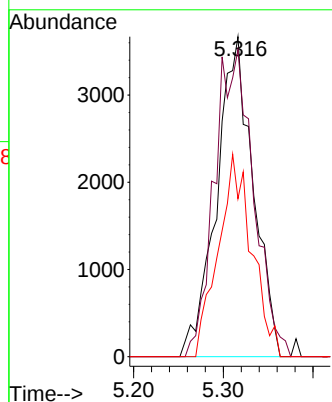


#17
trans-1,2-Dichloroethene
Concen: 2.442 ug/L
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075552.D
Acq: 31 Mar 2023 10:46

Instrument :
MSVOA_D
ClientSampleId :

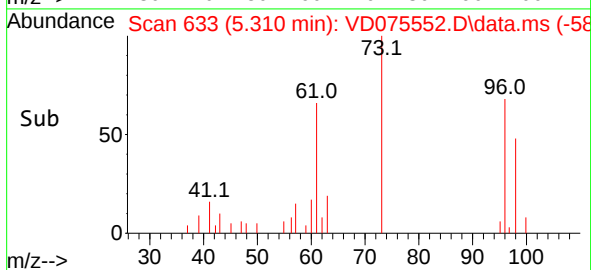
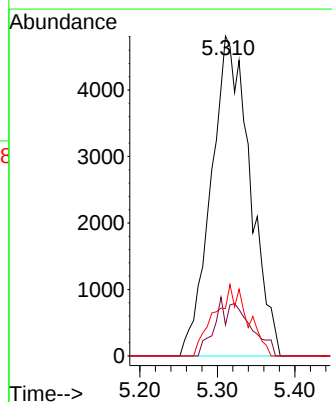
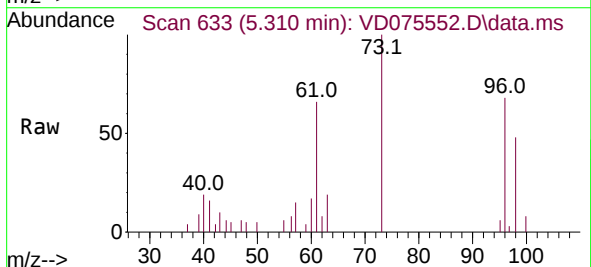


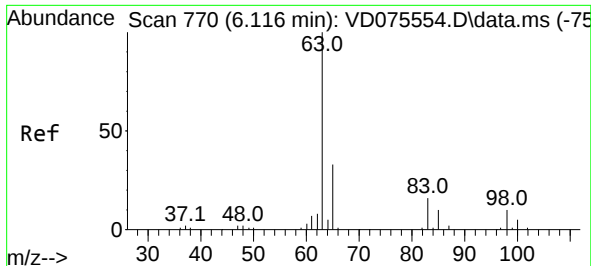
Tgt Ion: 96 Resp: 10391
Ion Ratio Lower Upper
96 100
61 95.9 75.4 140.0
98 49.4 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 2.073 ug/L
RT: 5.310 min Scan# 633
Delta R.T. -0.012 min
Lab File: VD075552.D
Acq: 31 Mar 2023 10:46

Tgt Ion: 73 Resp: 16771
Ion Ratio Lower Upper
73 100
43 6.4 11.4 17.0#
57 1.1 15.8 23.6#





#19

1,1-Dichloroethane

Concen: 1.564 ug/L

RT: 6.110 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD075552.D

Acq: 31 Mar 2023 10:46

Instrument :

MSVOA_D

ClientSampleId :

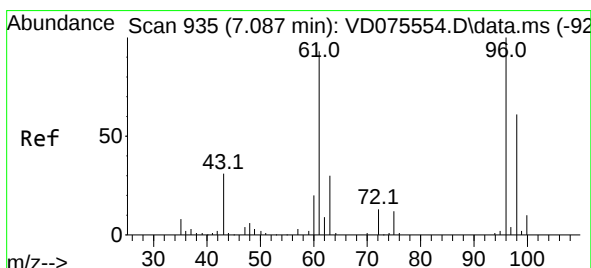
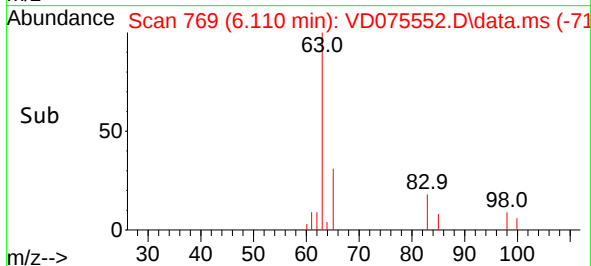
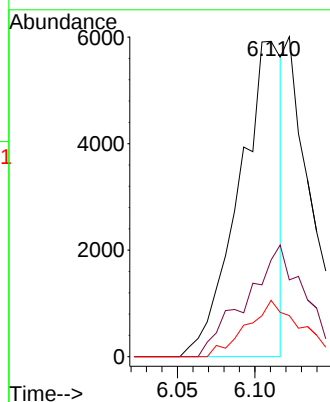
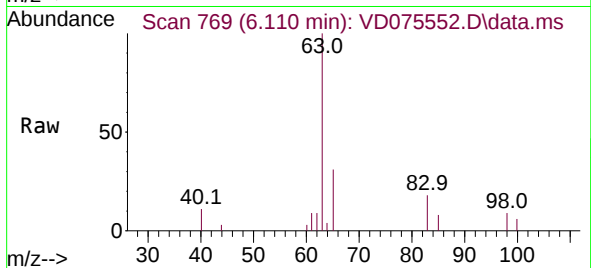
Tgt Ion: 63 Resp: 11409

Ion Ratio Lower Upper

63 100

65 30.6 23.1 42.9

83 17.9 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 2.288 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.006 min

Lab File: VD075552.D

Acq: 31 Mar 2023 10:46

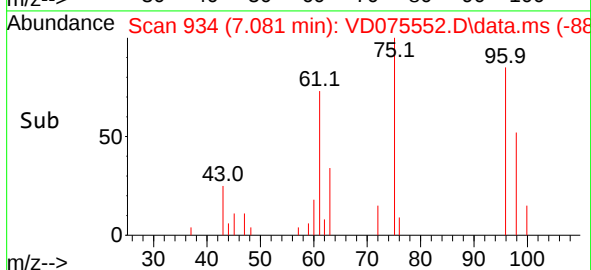
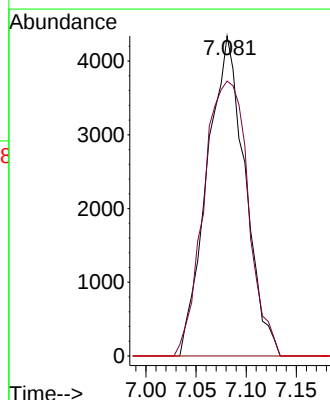
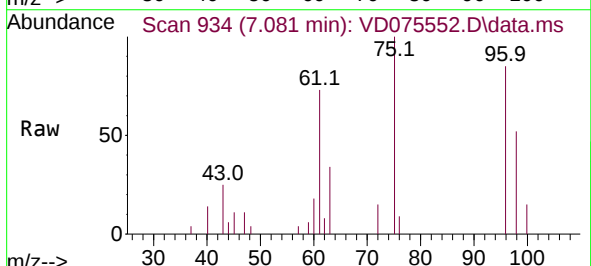
Tgt Ion: 96 Resp: 11435

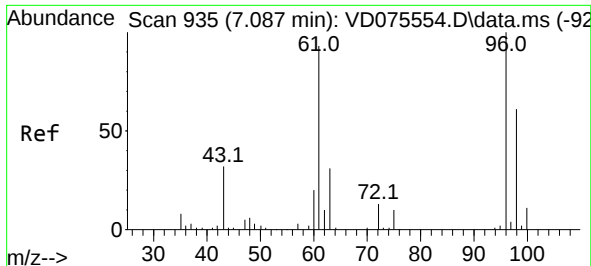
Ion Ratio Lower Upper

96 100

61 85.9 64.8 120.4

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 3.258 ug/L

RT: 7.075 min Scan# 91

Delta R.T. -0.012 min

Lab File: VD075552.D

Acq: 31 Mar 2023 10:46

Instrument :

MSVOA_D

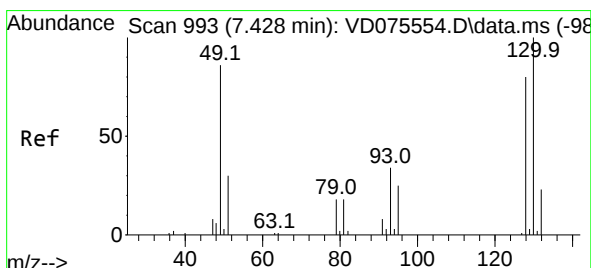
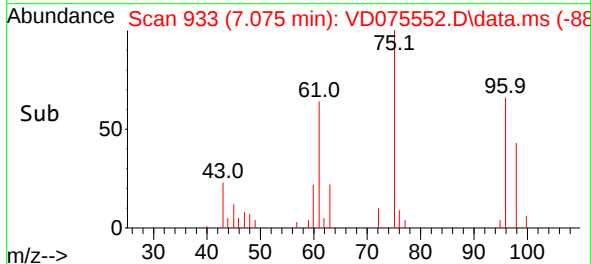
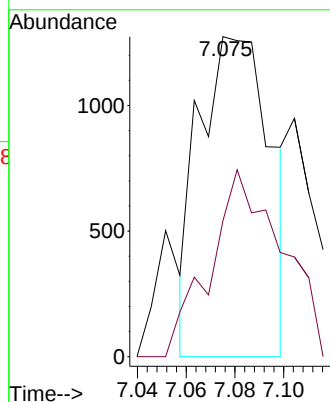
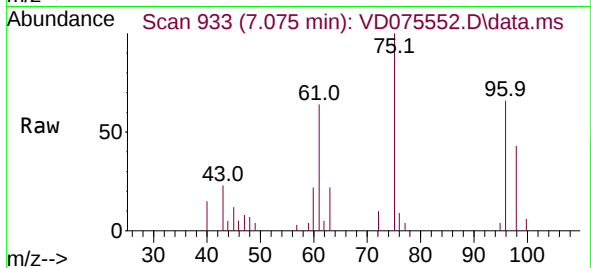
ClientSampleId :

Tgt Ion: 43 Resp: 2594

Ion Ratio Lower Upper

43 100

72 58.6 21.3 63.9



#23

Bromochloromethane

Concen: 2.701 ug/L

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD075552.D

Acq: 31 Mar 2023 10:46

Tgt Ion:128 Resp: 6364

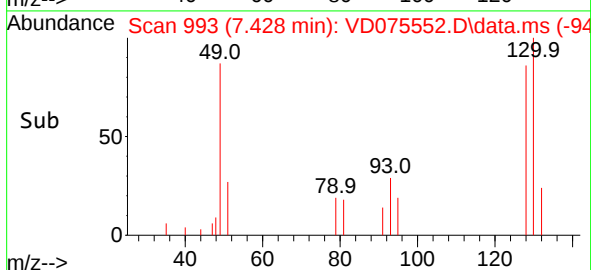
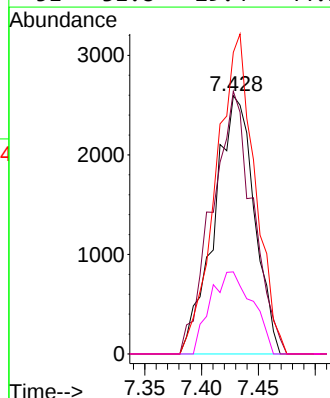
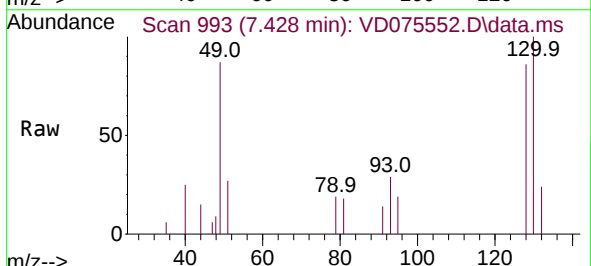
Ion Ratio Lower Upper

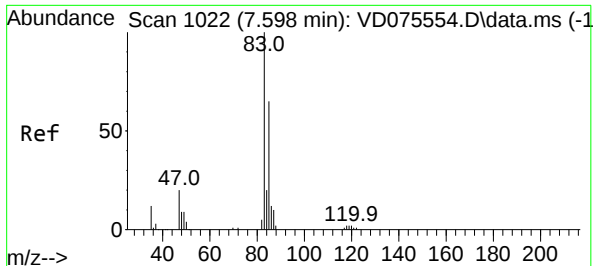
128 100

49 101.8 75.0 139.4

130 116.8 87.4 162.2

51 31.8 29.4 44.2





#25

Chloroform

Concen: 2.640 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD075552.D

Acq: 31 Mar 2023 10:46

Instrument :

MSVOA_D

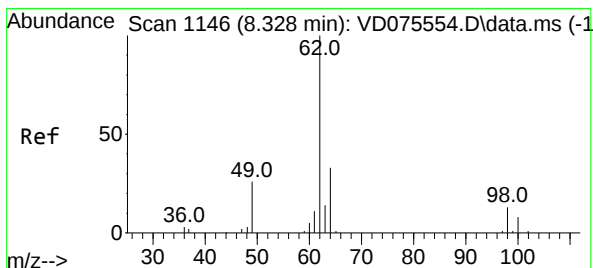
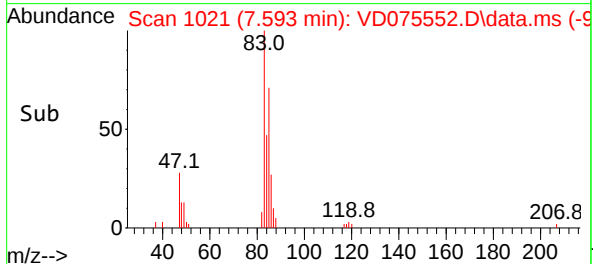
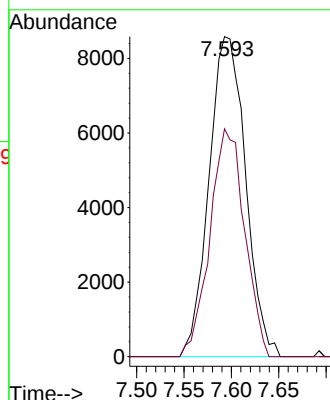
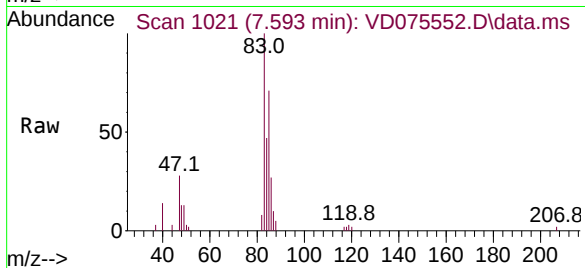
ClientSampleId :

Tgt Ion: 83 Resp: 23070

Ion Ratio Lower Upper

83 100

85 71.2 45.8 85.0



#27

1,2-Dichloroethane

Concen: 2.536 ug/L

RT: 8.334 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VD075552.D

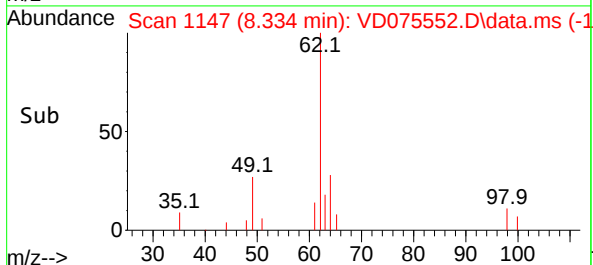
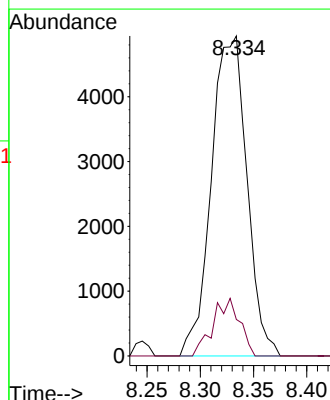
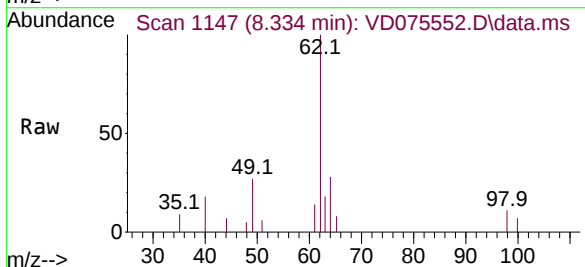
Acq: 31 Mar 2023 10:46

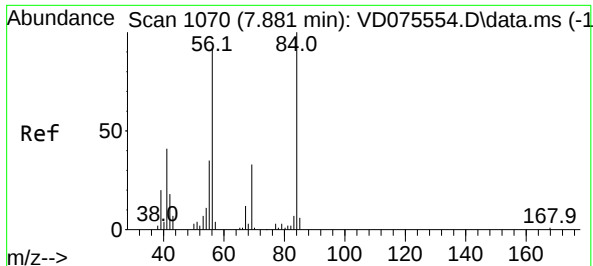
Tgt Ion: 62 Resp: 11452

Ion Ratio Lower Upper

62 100

98 11.4 10.5 15.7





#29

Cyclohexane

Concen: 2.950 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

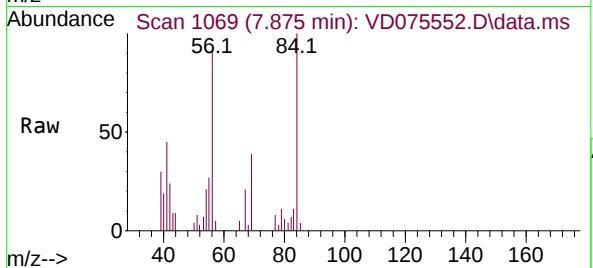
Lab File: VD075552.D

Acq: 31 Mar 2023 10:46

Instrument :

MSVOA_D

ClientSampleId :



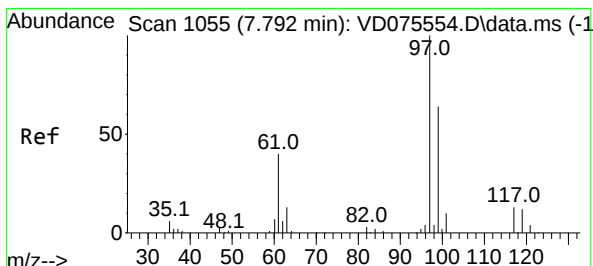
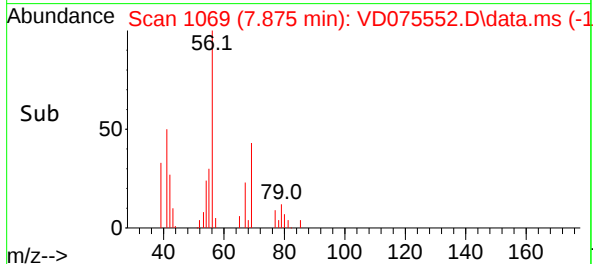
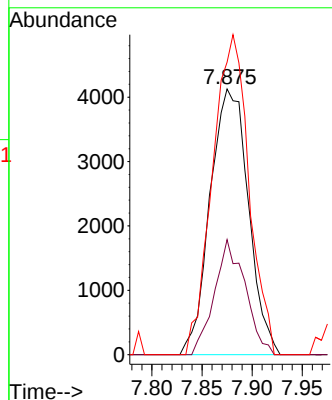
Tgt Ion: 56 Resp: 10976

Ion Ratio Lower Upper

56 100

69 34.8 28.3 42.5

84 114.3 91.1 136.7



#30

1,1,1-Trichloroethane

Concen: 3.183 ug/L

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD075552.D

Acq: 31 Mar 2023 10:46

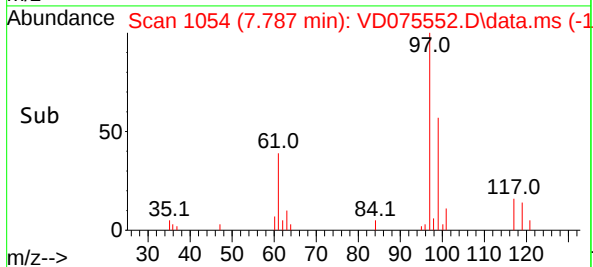
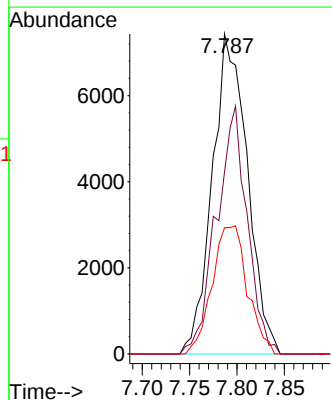
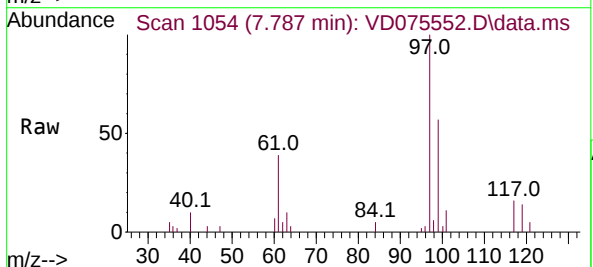
Tgt Ion: 97 Resp: 19120

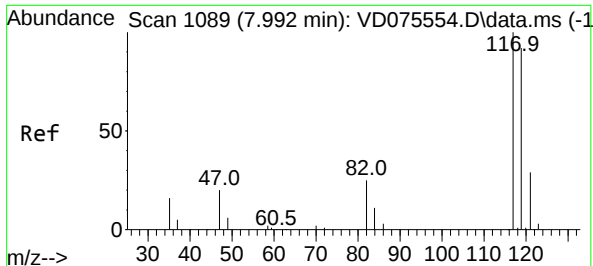
Ion Ratio Lower Upper

97 100

99 68.1 51.4 77.2

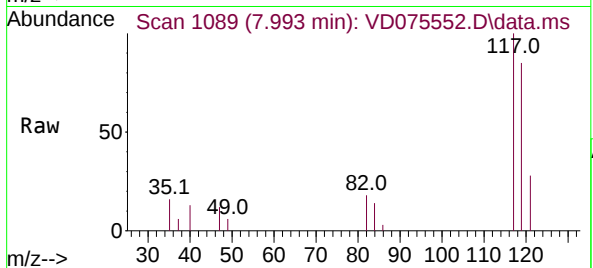
61 40.3 32.2 48.2



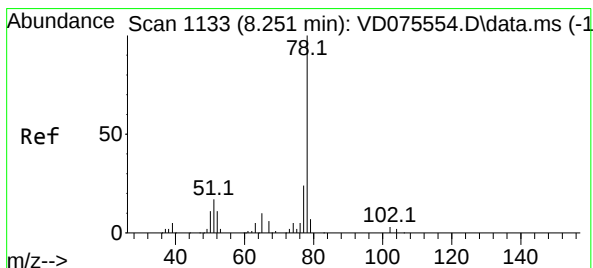
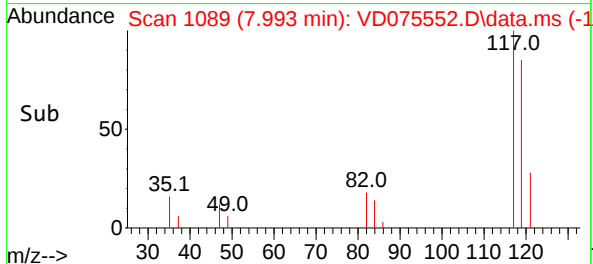
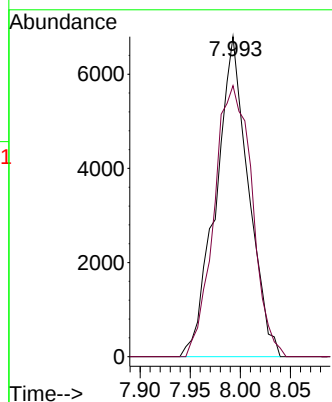


#31
Carbon tetrachloride
Concen: 3.173 ug/L
RT: 7.993 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD075552.D
Acq: 31 Mar 2023 10:46

Instrument :
MSVOA_D
ClientSampleId :

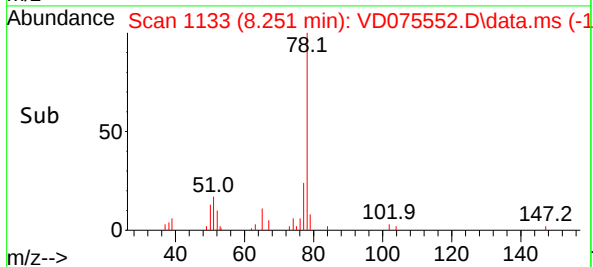
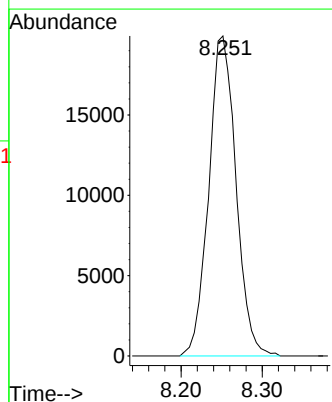
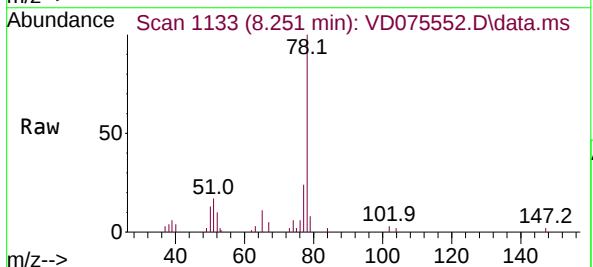


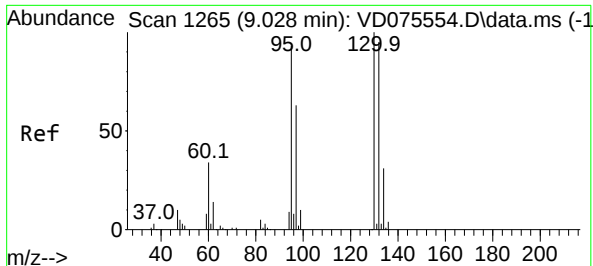
Tgt Ion:117 Resp: 15386
Ion Ratio Lower Upper
117 100
119 98.5 76.4 114.6



#33
Benzene
Concen: 2.962 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075552.D
Acq: 31 Mar 2023 10:46

Tgt Ion: 78 Resp: 46470

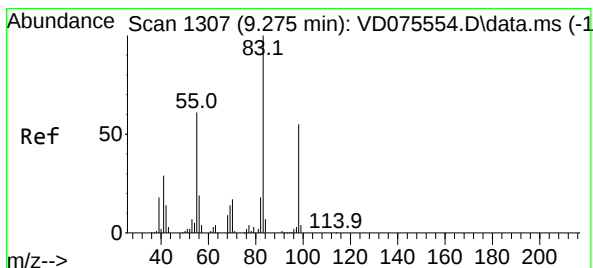
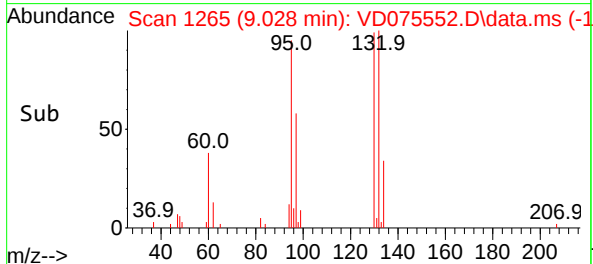
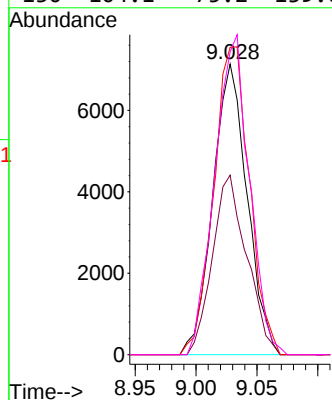
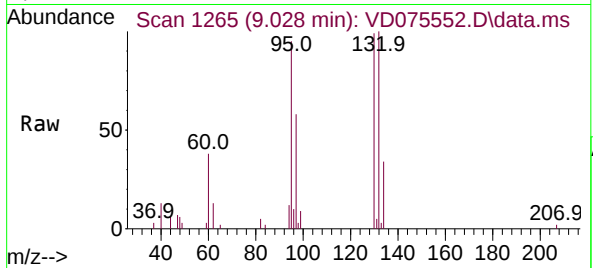




#34
Trichloroethene
Concen: 3.183 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075552.D
Acq: 31 Mar 2023 10:46

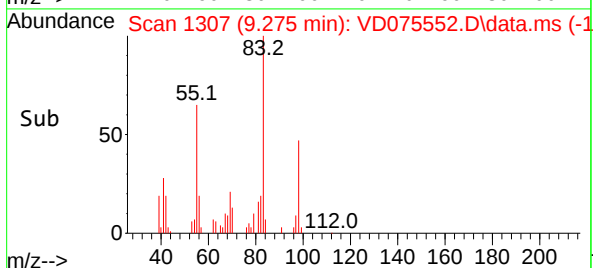
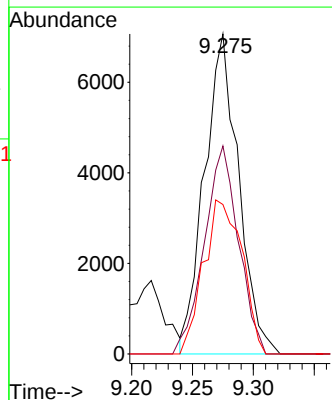
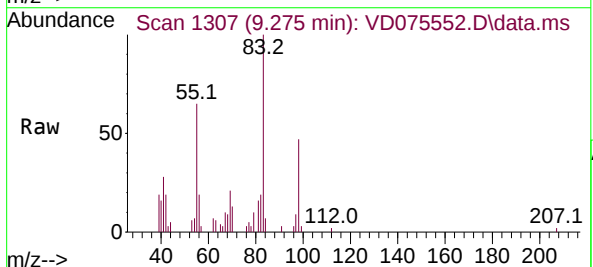
Instrument :
MSVOA_D
ClientSampleId :

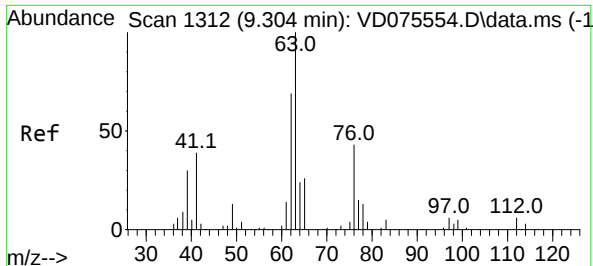
Tgt Ion:	95	Resp:	13990
Ion	Ratio	Lower	Upper
95	100		
97	61.8	47.0	87.2
132	105.7	71.2	132.2
130	104.1	75.2	139.6



#35
Methylcyclohexane
Concen: 2.395 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075552.D
Acq: 31 Mar 2023 10:46

Tgt Ion:	83	Resp:	13769
Ion	Ratio	Lower	Upper
83	100		
55	64.9	46.9	70.3
98	54.3	40.8	61.2





#37

1,2-Dichloropropane

Concen: 2.615 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075552.D

Acq: 31 Mar 2023 10:46

Instrument :

MSVOA_D

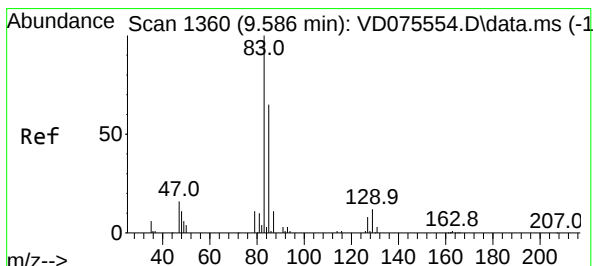
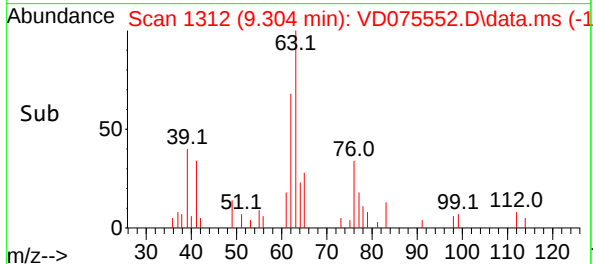
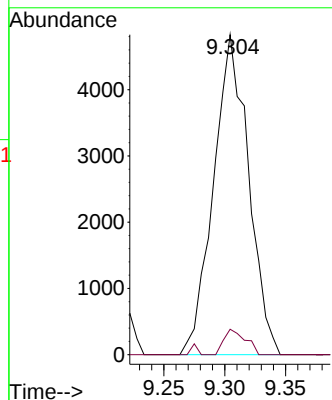
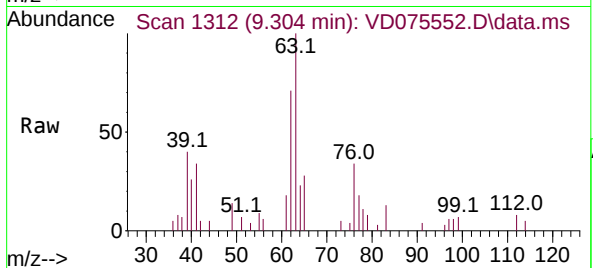
ClientSampleId :

Tgt Ion: 63 Resp: 9653

Ion Ratio Lower Upper

63 100

112 4.9 4.7 7.1



#38

Bromodichloromethane

Concen: 2.717 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD075552.D

Acq: 31 Mar 2023 10:46

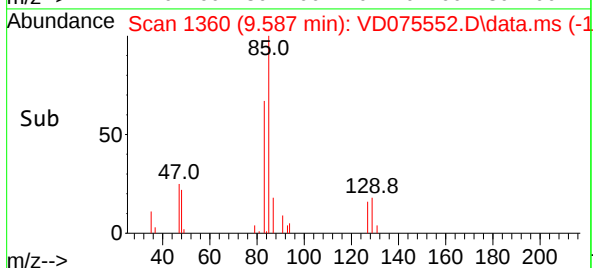
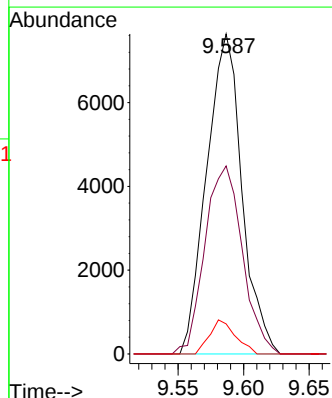
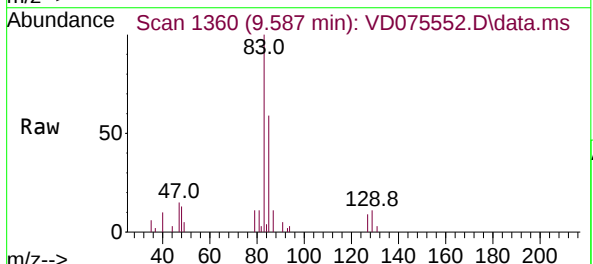
Tgt Ion: 83 Resp: 14283

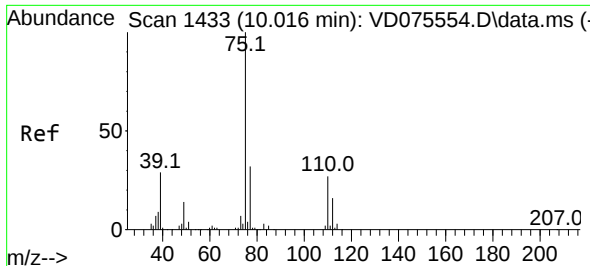
Ion Ratio Lower Upper

83 100

85 58.7 45.1 83.9

127 9.4 6.8 10.2

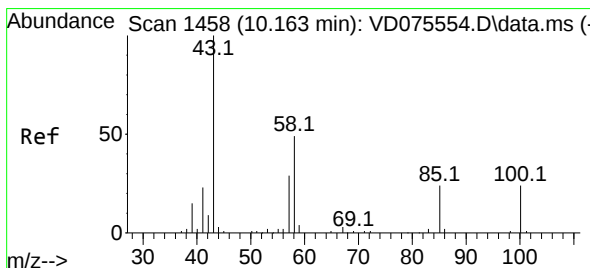
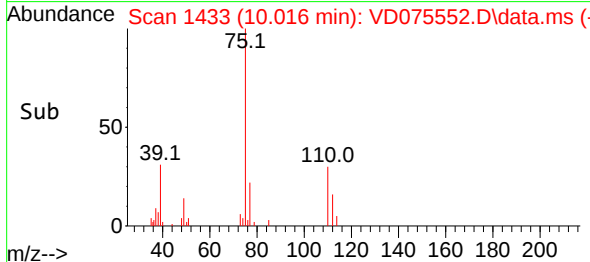
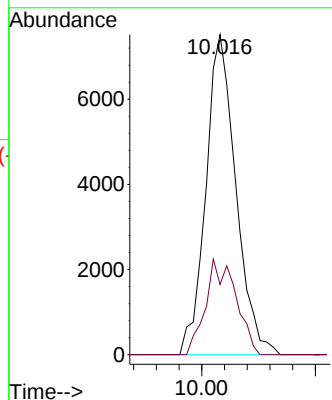
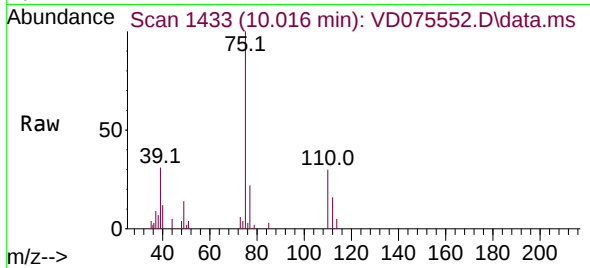




#39
 cis-1,3-Dichloropropene
 Concen: 2.358 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075552.D
 Acq: 31 Mar 2023 10:46

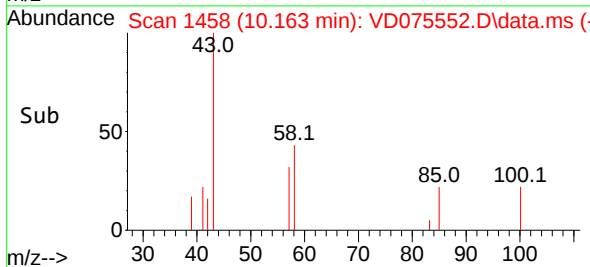
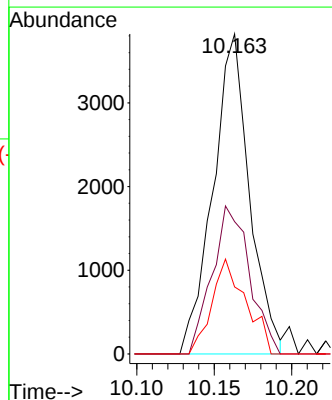
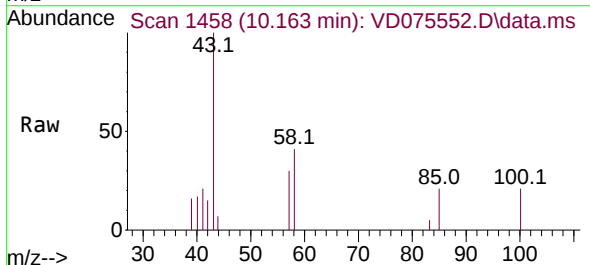
Instrument :
 MSVOA_D
 ClientSampleId :

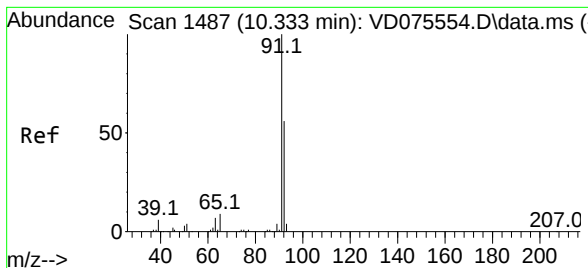
Tgt Ion: 75 Resp: 13799
 Ion Ratio Lower Upper
 75 100
 77 22.0 22.5 41.7#



#40
 4-Methyl-2-pentanone
 Concen: 4.523 ug/L
 RT: 10.163 min Scan# 1458
 Delta R.T. 0.000 min
 Lab File: VD075552.D
 Acq: 31 Mar 2023 10:46

Tgt Ion: 43 Resp: 6257
 Ion Ratio Lower Upper
 43 100
 58 47.6 39.4 59.0
 100 27.6 20.3 30.5





#42

Toluene

Concen: 2.340 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075552.D

Acq: 31 Mar 2023 10:46

Instrument :

MSVOA_D

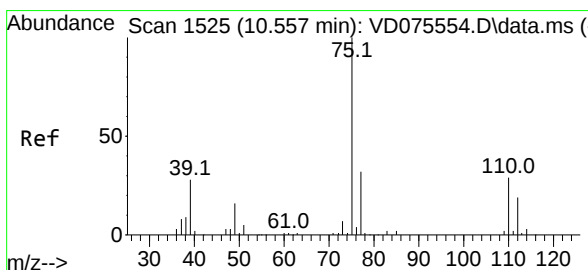
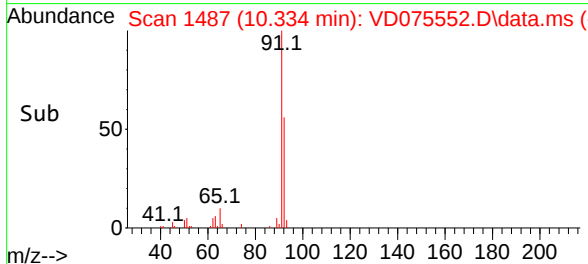
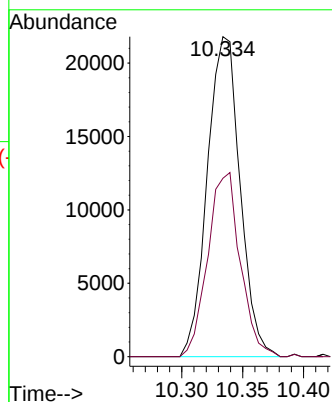
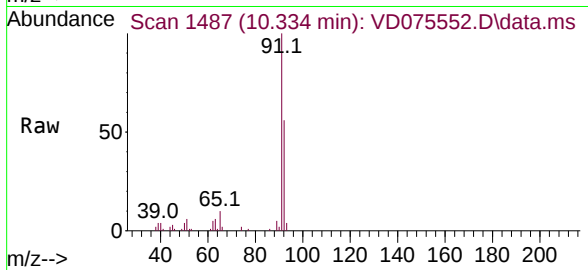
ClientSampleId :

Tgt Ion: 91 Resp: 40781

Ion Ratio Lower Upper

91 100

92 55.8 39.1 72.7



#44

trans-1,3-Dichloropropene

Concen: 2.371 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.006 min

Lab File: VD075552.D

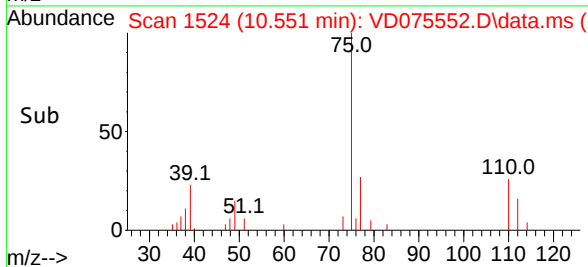
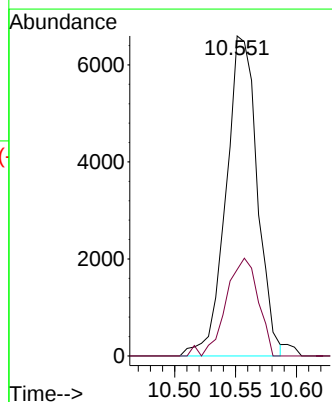
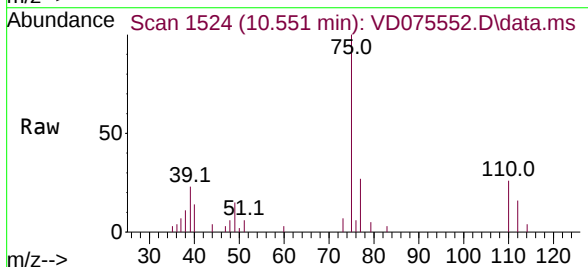
Acq: 31 Mar 2023 10:46

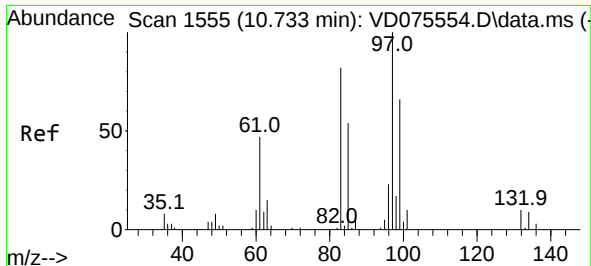
Tgt Ion: 75 Resp: 11796

Ion Ratio Lower Upper

75 100

77 27.0 22.1 41.1

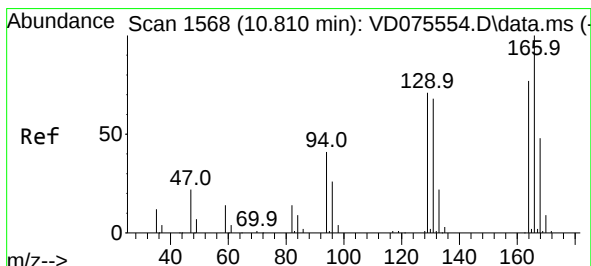
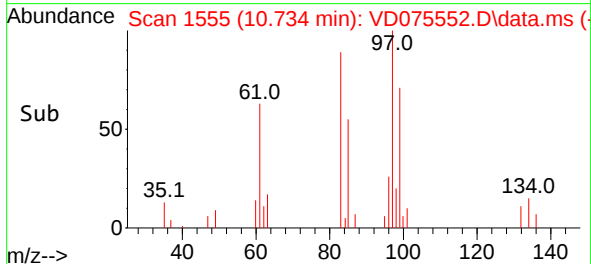
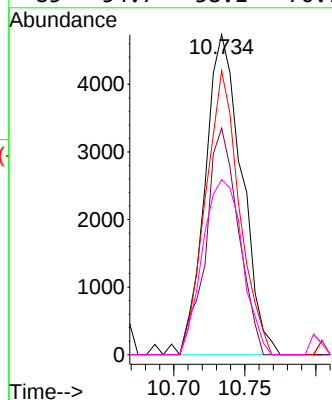
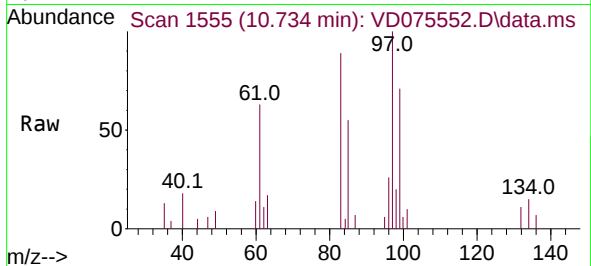




#45
1,1,2-Trichloroethane
Concen: 2.499 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075552.D
Acq: 31 Mar 2023 10:46

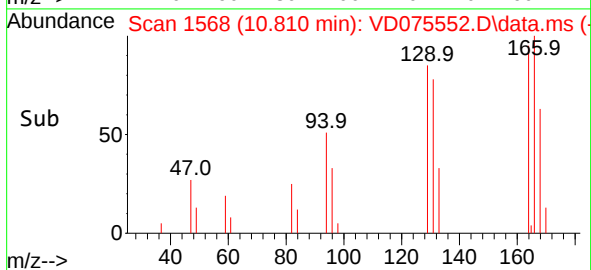
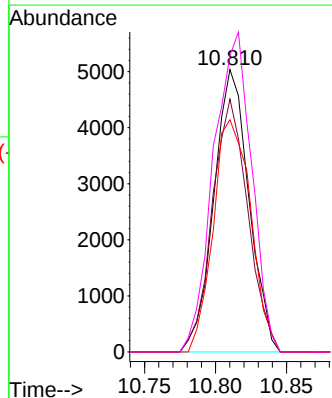
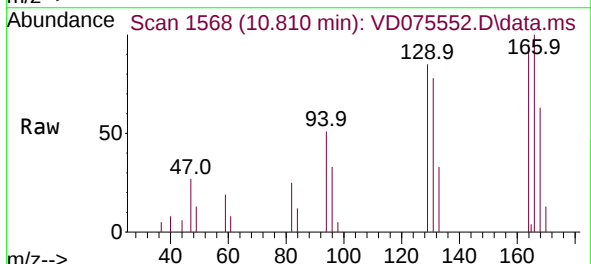
Instrument :
MSVOA_D
ClientSampleId :

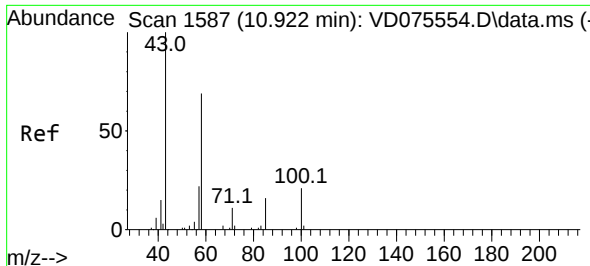
Tgt Ion: 97	Resp: 8465
Ion Ratio	Lower Upper
97 100	
99 70.8	46.4 86.2
83 88.8	57.1 106.1
85 54.7	38.1 70.7



#46
Tetrachloroethene
Concen: 2.512 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075552.D
Acq: 31 Mar 2023 10:46

Tgt	Ion:164	Resp:	8648
Ion	Ratio	Lower	Upper
164	100		
129	89.6	64.8	120.3
131	82.2	61.7	114.7
166	104.9	90.9	168.9

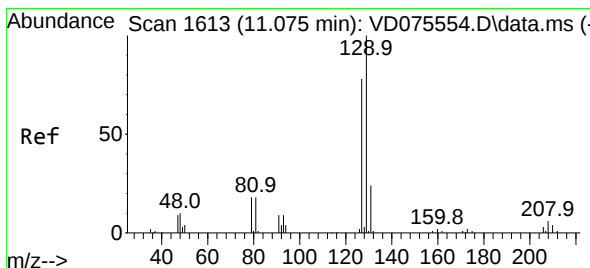
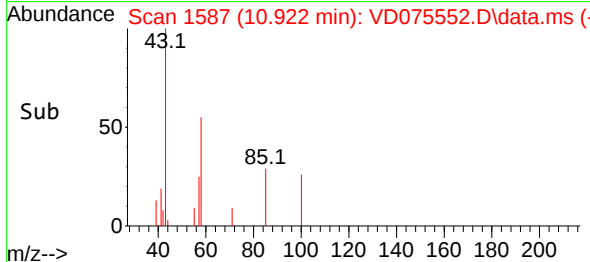
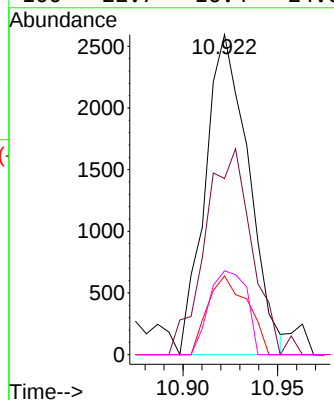
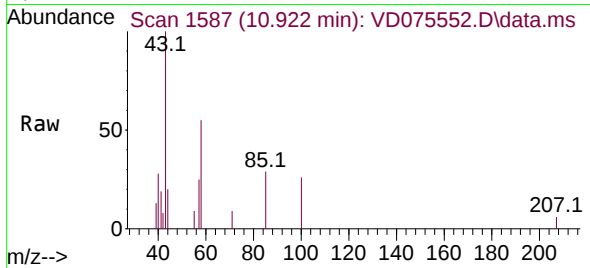




#48
2-Hexanone
Concen: 4.432 ug/L
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075552.D
Acq: 31 Mar 2023 10:46

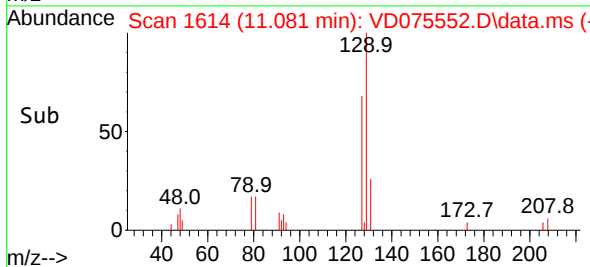
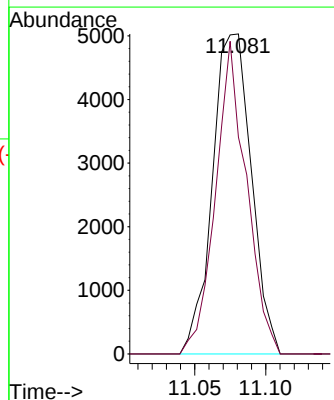
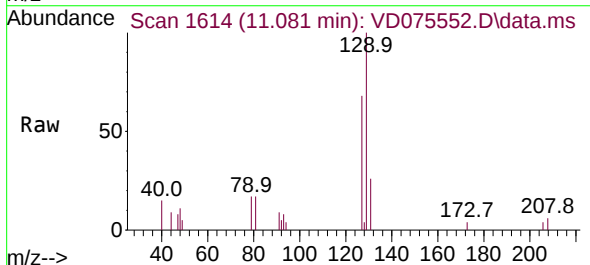
Instrument :
MSVOA_D
ClientSampleId :

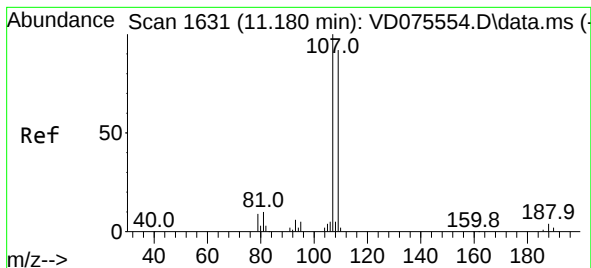
Tgt Ion: 43	Resp: 4132
Ion Ratio	Lower Upper
43 100	
58 69.0	55.8 83.6
57 22.6	18.6 27.8
100 22.7	16.4 24.6



#49
Dibromochloromethane
Concen: 2.615 ug/L
RT: 11.081 min Scan# 1614
Delta R.T. 0.006 min
Lab File: VD075552.D
Acq: 31 Mar 2023 10:46

Tgt Ion:129	Resp:	9590	
Ion	Ratio	Lower	Upper
129	100		
127	67.8	54.5	101.1





#50

1,2-Dibromoethane

Concen: 2.798 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075552.D

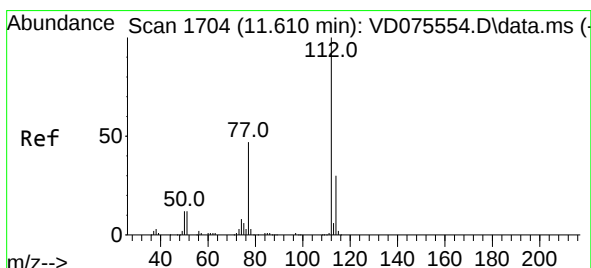
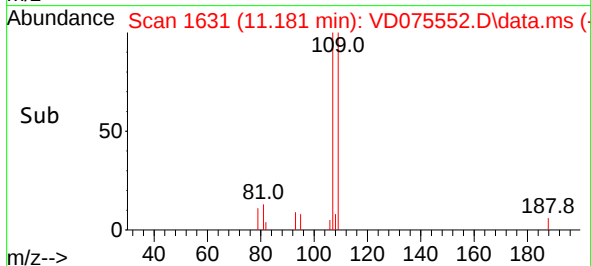
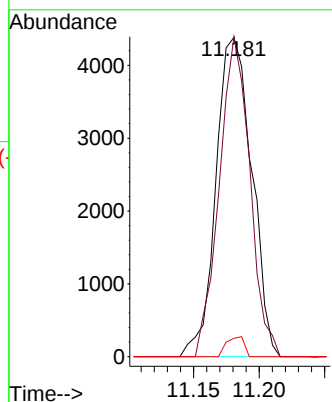
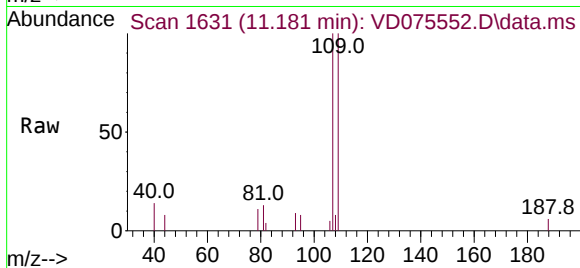
Acq: 31 Mar 2023 10:46

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	107	Resp:	8303
Ion	Ratio	Lower	Upper
107	100		
109	100.3	64.8	120.3
188	5.7	3.4	5.0#



#51

Chlorobenzene

Concen: 2.507 ug/L

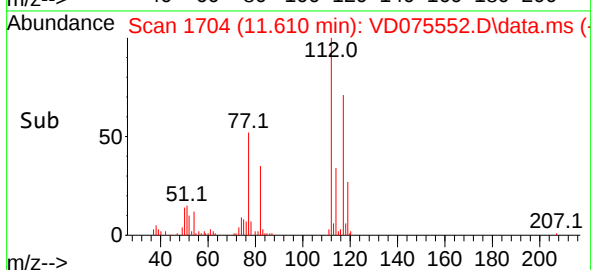
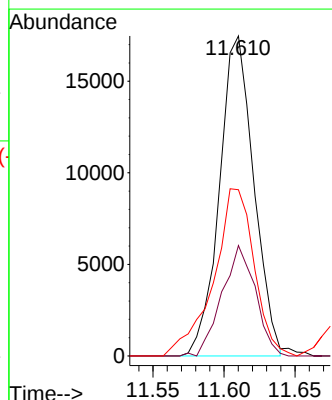
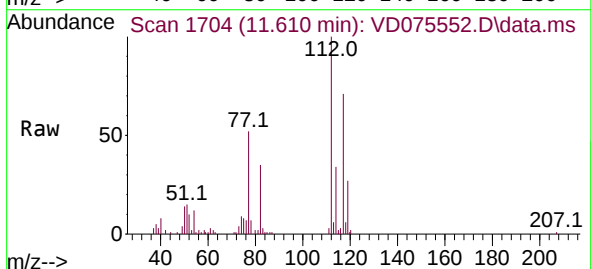
RT: 11.610 min Scan# 1704

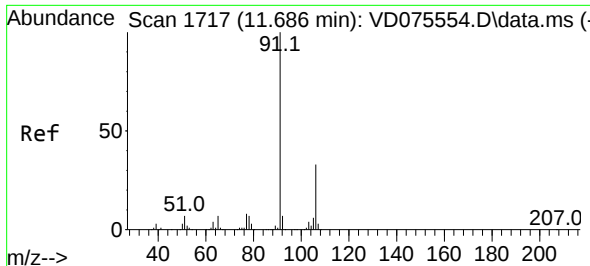
Delta R.T. 0.000 min

Lab File: VD075552.D

Acq: 31 Mar 2023 10:46

Tgt Ion:	112	Resp:	29437
Ion	Ratio	Lower	Upper
112	100		
114	34.5	21.1	39.1
77	52.0	37.8	56.6

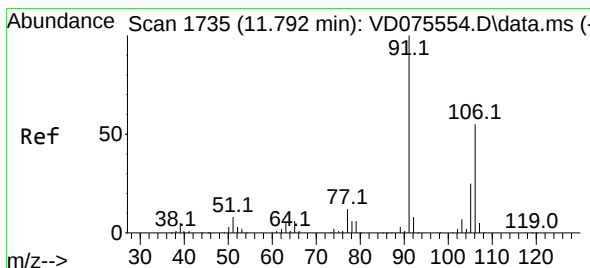
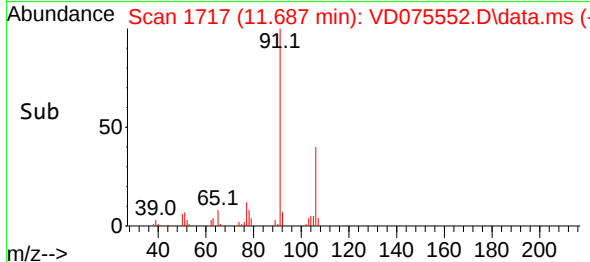
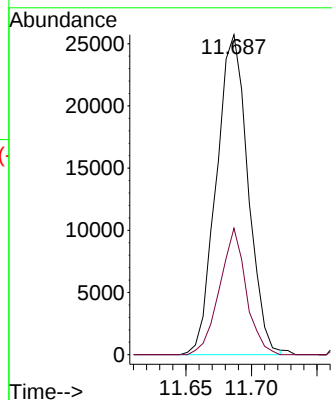
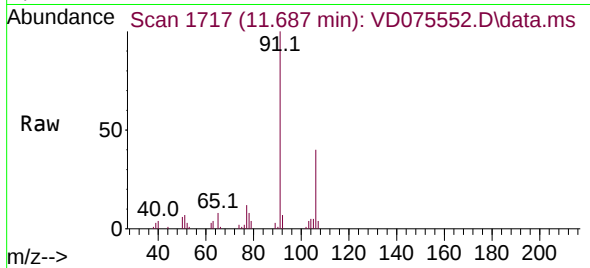




#52
Ethylbenzene
Concen: 2.354 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075552.D
Acq: 31 Mar 2023 10:46

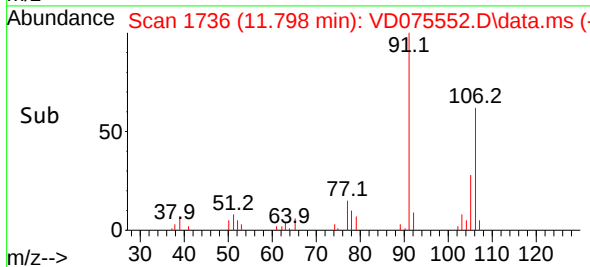
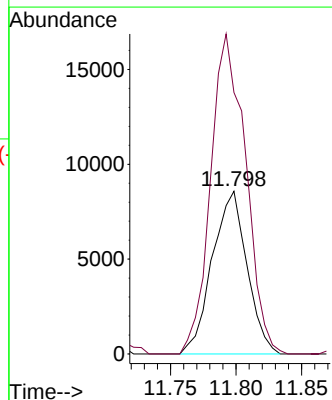
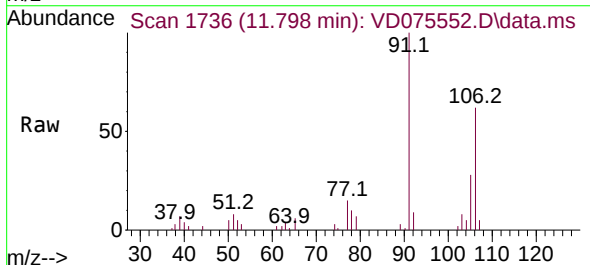
Instrument :
MSVOA_D
ClientSampleId :

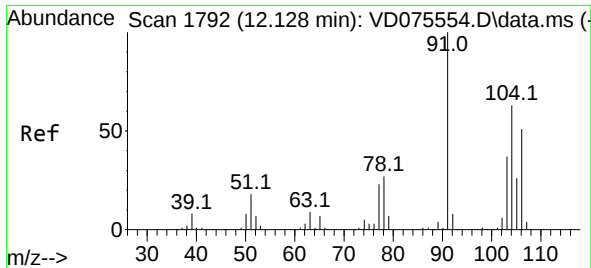
Tgt Ion: 91 Resp: 43141
Ion Ratio Lower Upper
91 100
106 39.5 23.2 43.2



#53
m,p-Xylene
Concen: 2.199 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD075552.D
Acq: 31 Mar 2023 10:46

Tgt Ion: 106 Resp: 15806
Ion Ratio Lower Upper
106 100
91 160.7 126.7 235.3

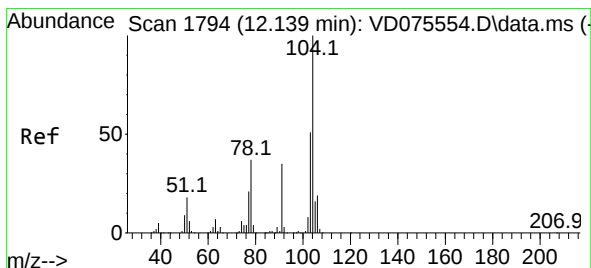
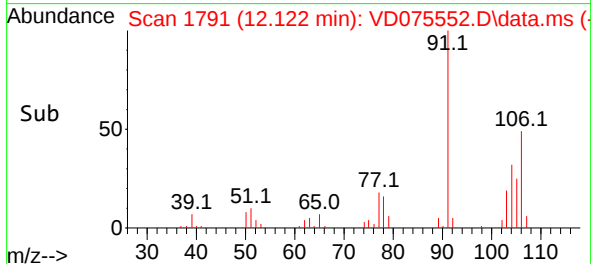
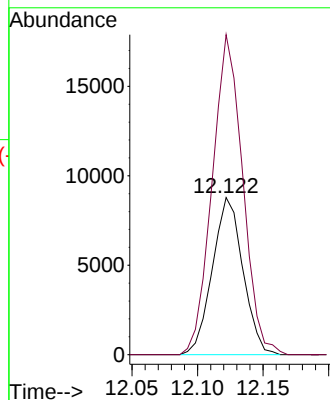
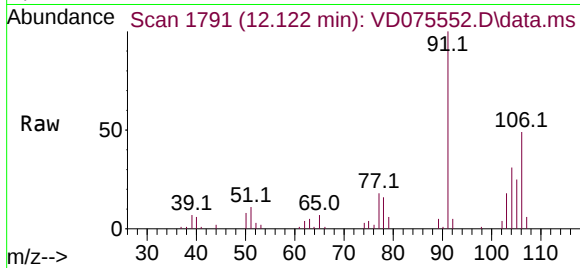




#54
o-Xylene
Concen: 2.081 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VD075552.D
Acq: 31 Mar 2023 10:46

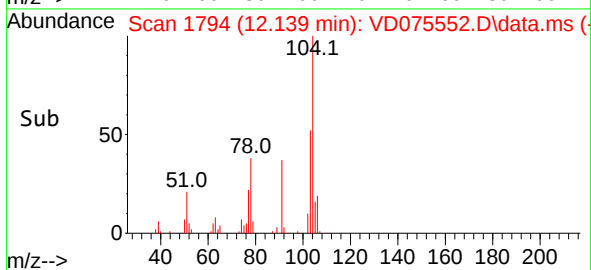
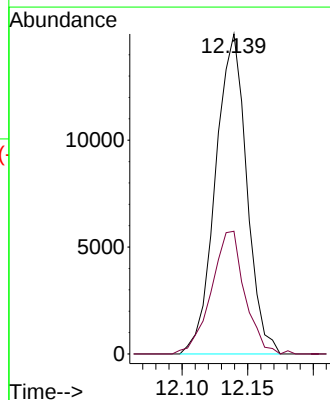
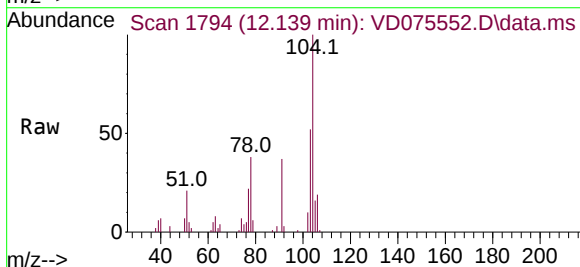
Instrument :
MSVOA_D
ClientSampleId :

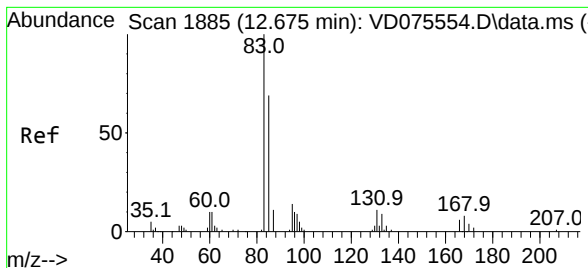
Tgt Ion:106 Resp: 14245
Ion Ratio Lower Upper
106 100
91 203.7 138.3 256.9



#55
Styrene
Concen: 2.029 ug/L
RT: 12.139 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075552.D
Acq: 31 Mar 2023 10:46

Tgt Ion:104 Resp: 24748
Ion Ratio Lower Upper
104 100
78 38.3 25.8 47.8

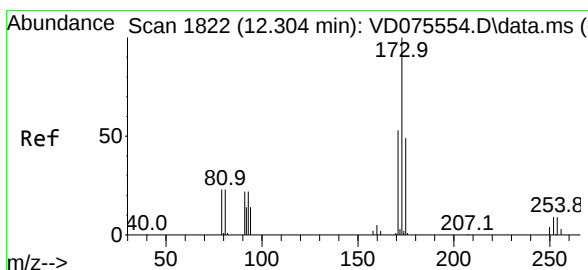
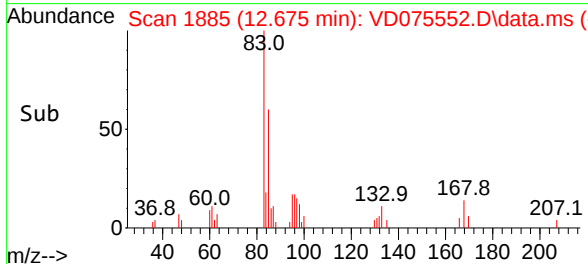
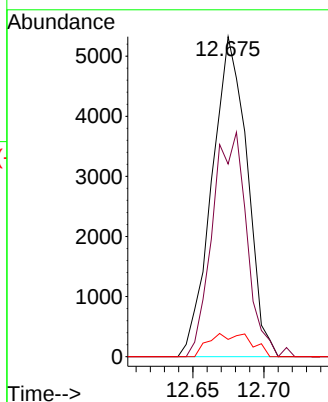
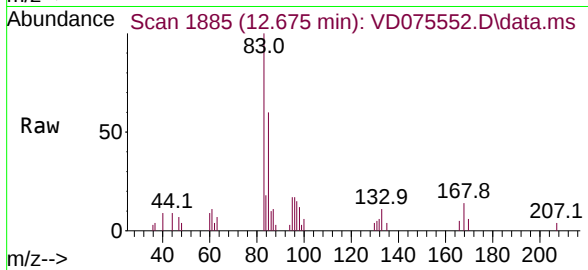




#57
1,1,2,2-Tetrachloroethane
Concen: 2.627 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075552.D
Acq: 31 Mar 2023 10:46

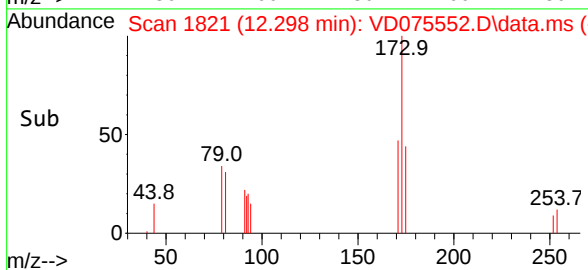
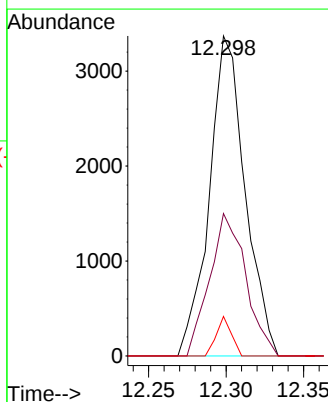
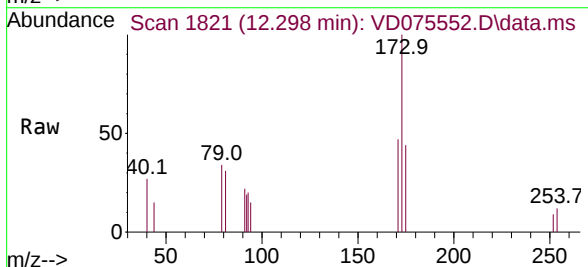
Instrument :
MSVOA_D
ClientSampleId :

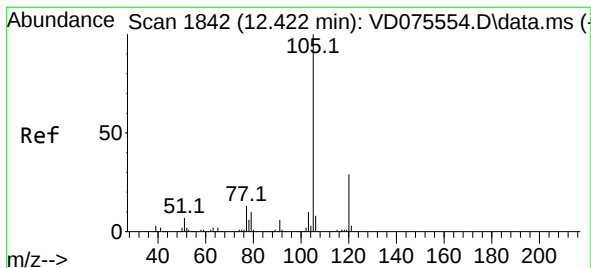
Tgt Ion: 83 Resp: 9184
Ion Ratio Lower Upper
83 100
85 60.2 48.7 90.5
131 5.4 9.3 13.9#



#59
Bromoform
Concen: 2.626 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD075552.D
Acq: 31 Mar 2023 10:46

Tgt Ion: 173 Resp: 5409
Ion Ratio Lower Upper
173 100
175 44.9 38.7 58.1
254 5.2 7.7 11.5#





#60

Isopropylbenzene

Concen: 2.245 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD075552.D

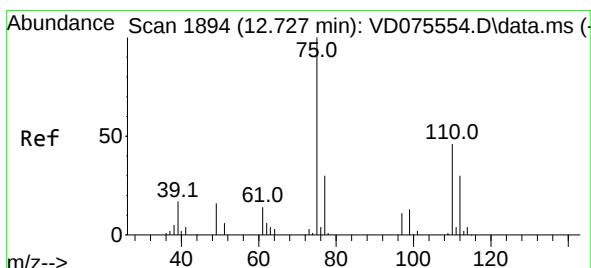
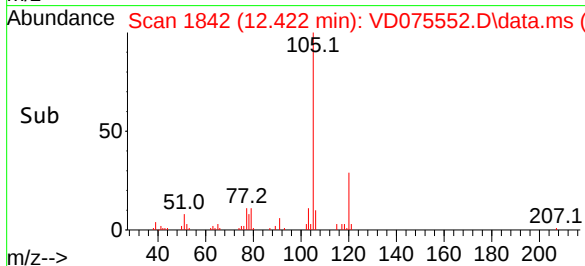
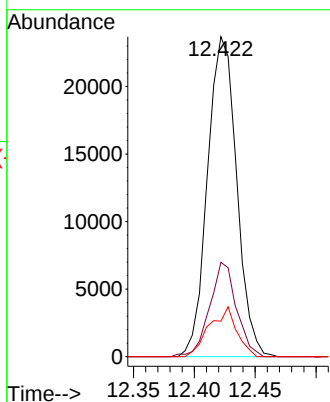
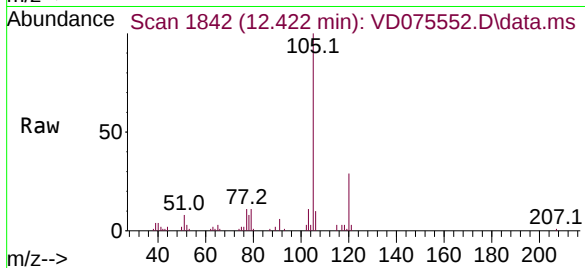
Acq: 31 Mar 2023 10:46

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	105	Resp:	39478
Ion	Ratio	Lower	Upper
105	100		
120	27.1	22.5	33.7
77	14.5	10.7	16.1



#61

1,2,3-Trichloropropane

Concen: 2.654 ug/L

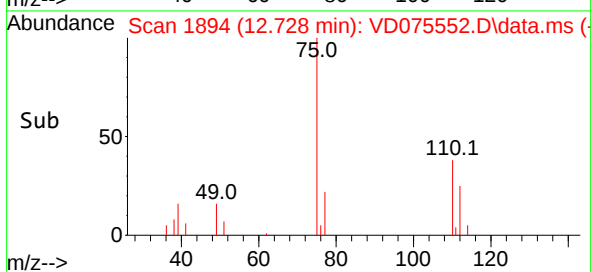
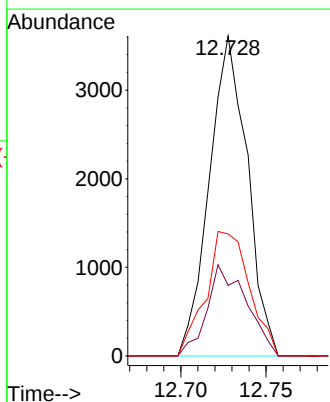
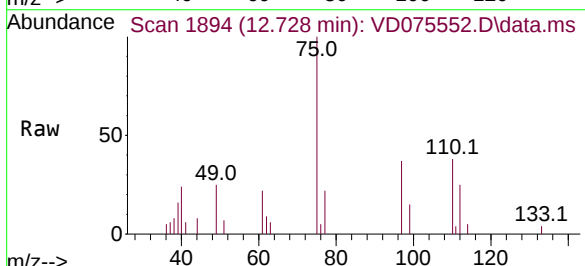
RT: 12.728 min Scan# 1894

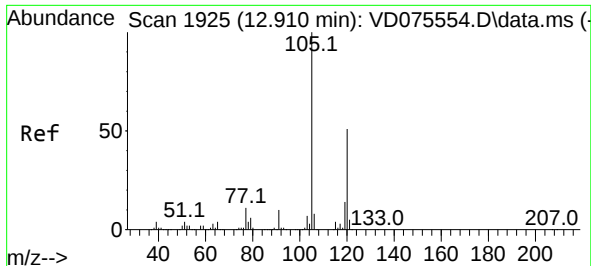
Delta R.T. 0.000 min

Lab File: VD075552.D

Acq: 31 Mar 2023 10:46

Tgt Ion:	75	Resp:	5594
Ion	Ratio	Lower	Upper
75	100		
77	29.6	25.7	38.5
110	44.7	35.9	53.9

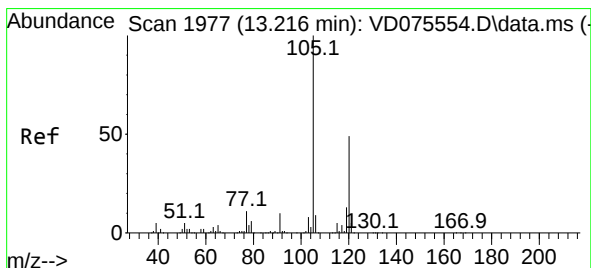
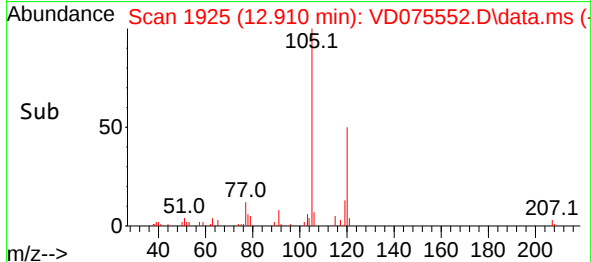
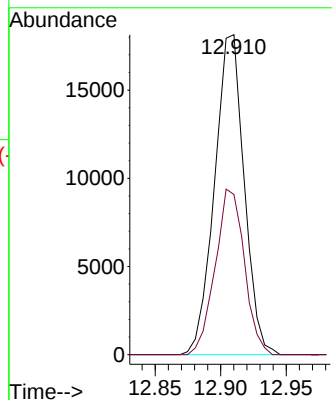
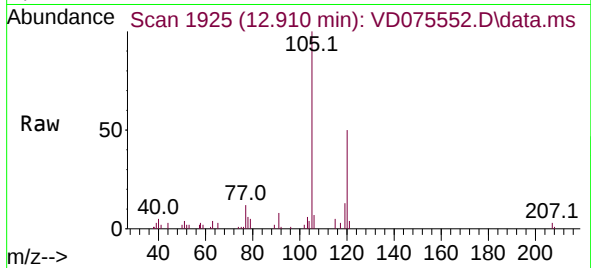




#62
 1,3,5-Trimethylbenzene
 Concen: 2.149 ug/L
 RT: 12.910 min Scan# 1925
 Delta R.T. 0.000 min
 Lab File: VD075552.D
 Acq: 31 Mar 2023 10:46

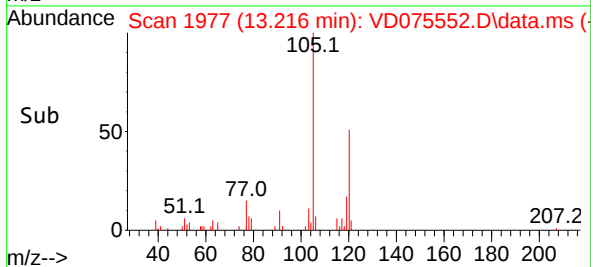
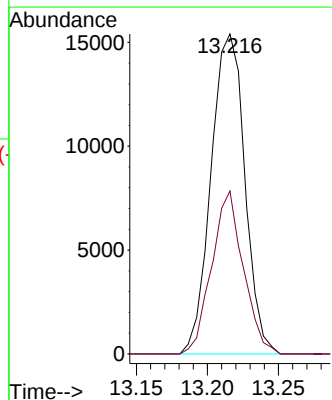
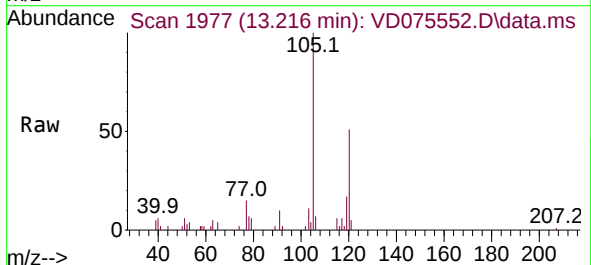
Instrument :
 MSVOA_D
 ClientSampleId :

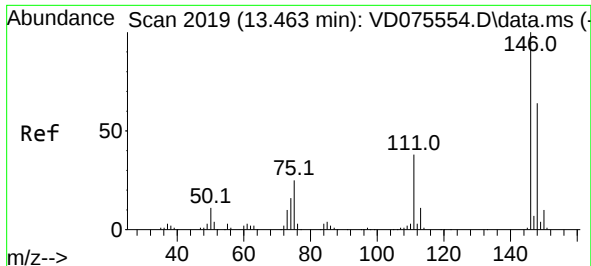
Tgt Ion:105 Resp: 28505
 Ion Ratio Lower Upper
 105 100
 120 50.8 41.1 61.7



#63
 1,2,4-Trimethylbenzene
 Concen: 2.008 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.000 min
 Lab File: VD075552.D
 Acq: 31 Mar 2023 10:46

Tgt Ion:105 Resp: 25472
 Ion Ratio Lower Upper
 105 100
 120 47.7 39.0 58.4

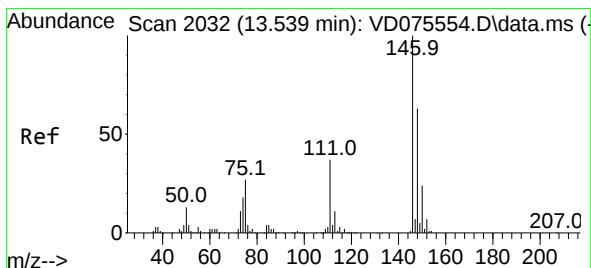
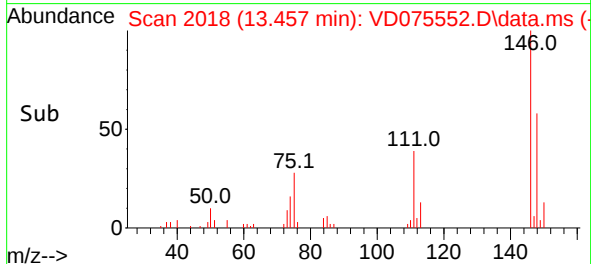
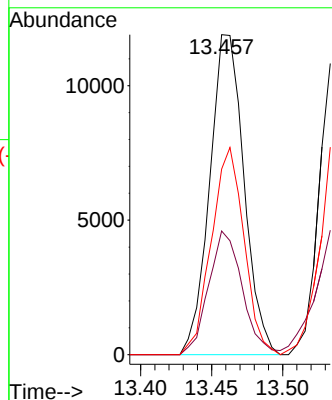
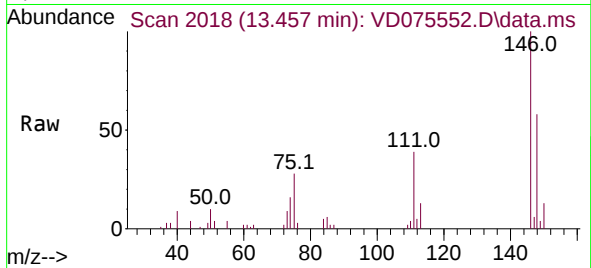




#64
1,3-Dichlorobenzene
Concen: 2.513 ug/L
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD075552.D
Acq: 31 Mar 2023 10:46

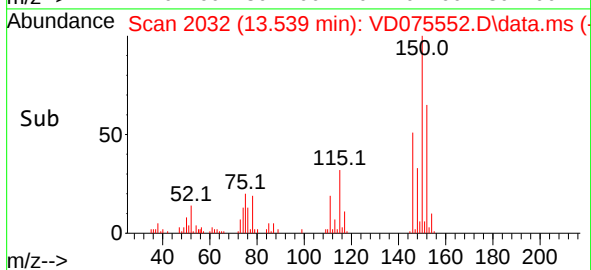
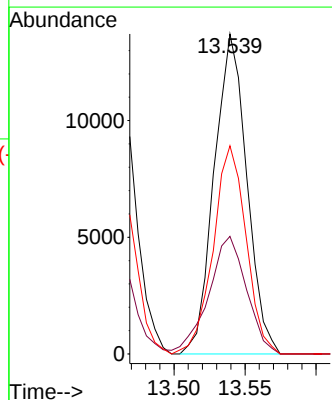
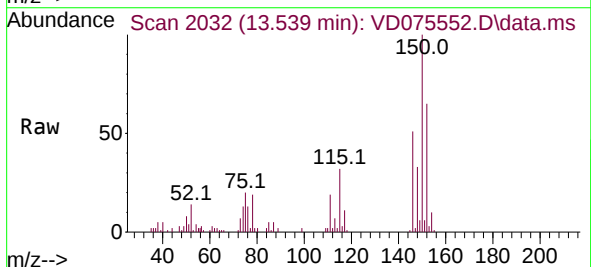
Instrument :
MSVOA_D
ClientSampleId :

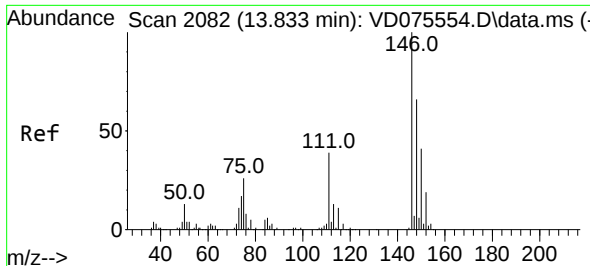
Tgt Ion:146 Resp: 20009
Ion Ratio Lower Upper
146 100
111 38.6 26.2 48.8
148 58.0 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 2.635 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075552.D
Acq: 31 Mar 2023 10:46

Tgt Ion:146 Resp: 21887
Ion Ratio Lower Upper
146 100
111 36.7 26.0 48.4
148 65.0 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 2.460 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075552.D

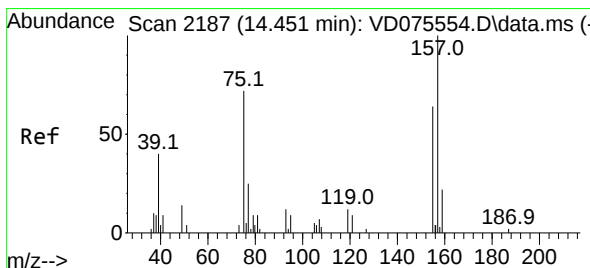
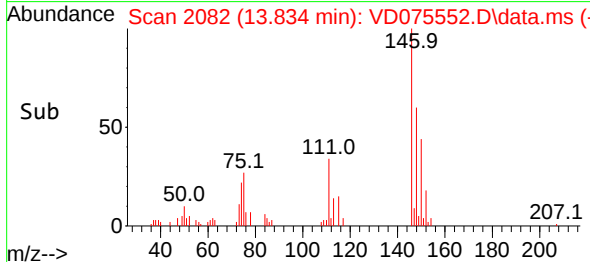
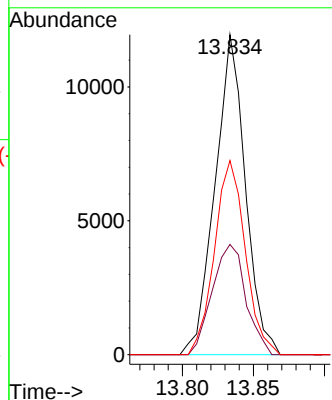
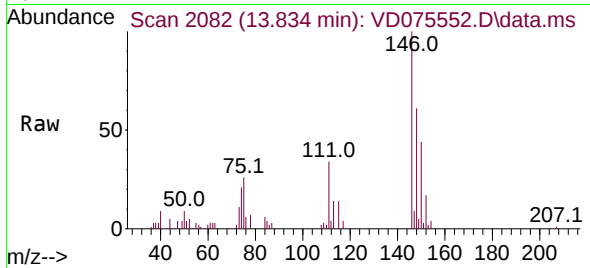
Acq: 31 Mar 2023 10:46

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:146	Resp:	17740
Ion	Ratio	Lower Upper
146	100	
111	34.5	31.3 46.9
148	60.6	52.8 79.2



#68

1,2-Dibromo-3-chloropropane

Concen: 3.178 ug/L

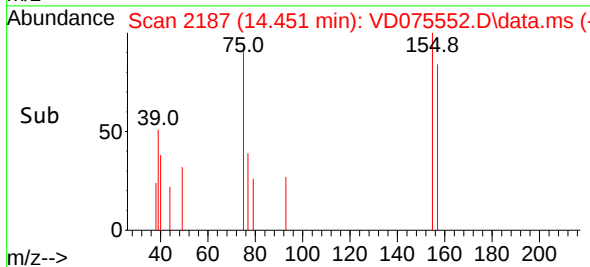
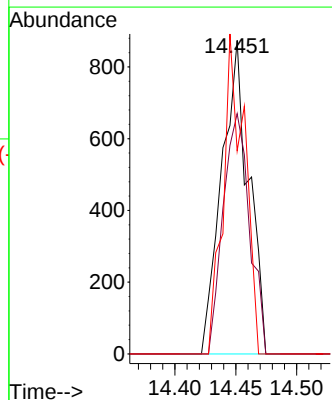
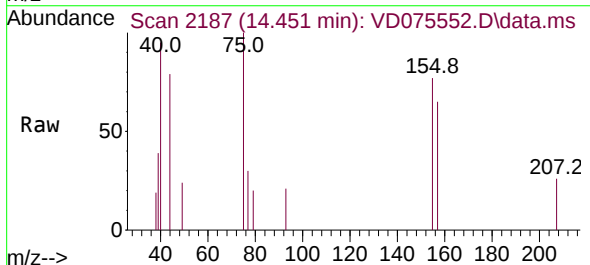
RT: 14.451 min Scan# 2187

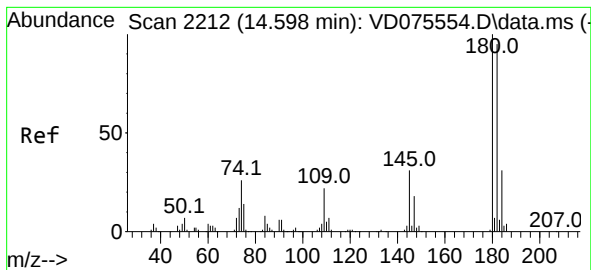
Delta R.T. 0.000 min

Lab File: VD075552.D

Acq: 31 Mar 2023 10:46

Tgt Ion: 75	Resp:	1349
Ion	Ratio	Lower Upper
75	100	
155	76.7	70.6 106.0
157	64.8	111.3 166.9#





#69

1,3,5-Trichlorobenzene

Concen: 2.487 ug/L

RT: 14.598 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD075552.D

Acq: 31 Mar 2023 10:46

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:180 Resp: 12210

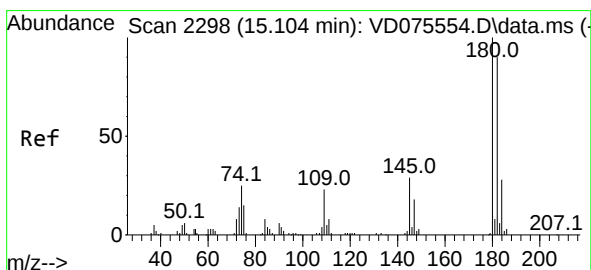
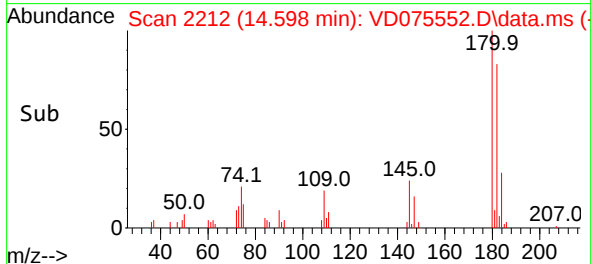
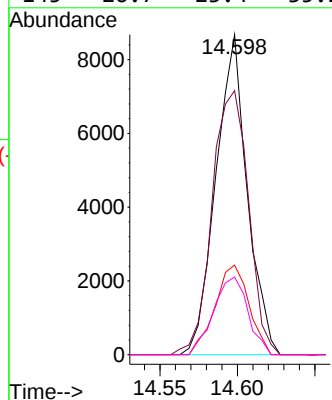
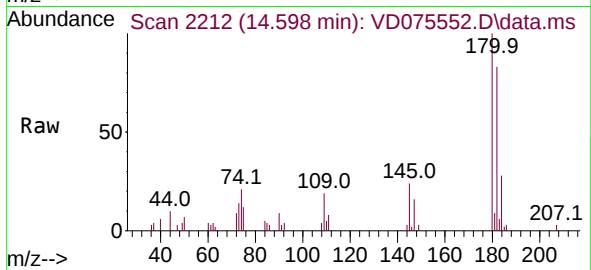
Ion Ratio Lower Upper

180 100

182 95.5 76.9 115.3

184 30.2 24.6 36.8

145 26.7 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 2.491 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075552.D

Acq: 31 Mar 2023 10:46

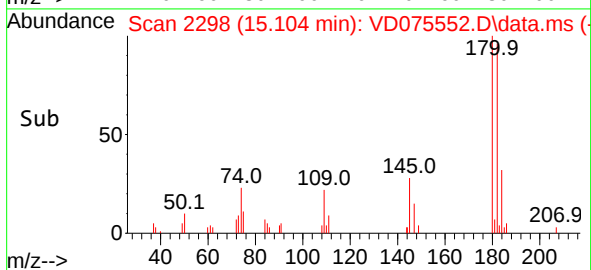
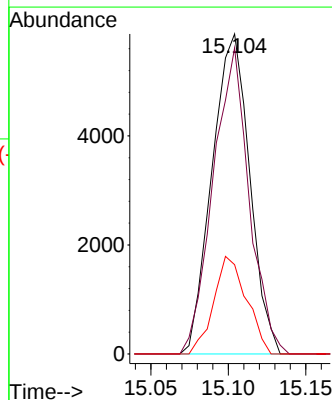
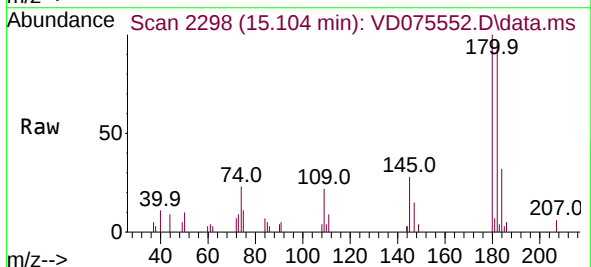
Tgt Ion:180 Resp: 9901

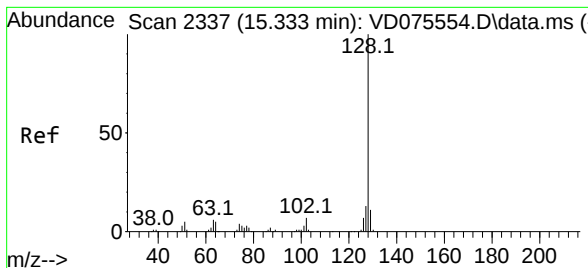
Ion Ratio Lower Upper

180 100

182 91.6 74.2 111.2

145 26.7 22.9 34.3





#71

Naphthalene

Concen: 2.258 ug/L

RT: 15.339 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD075552.D

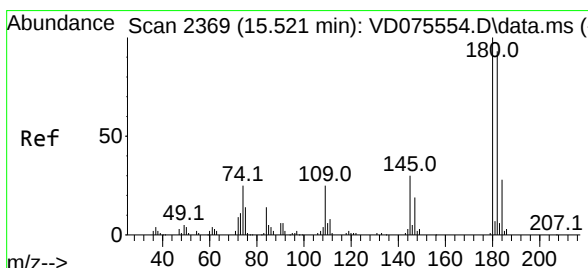
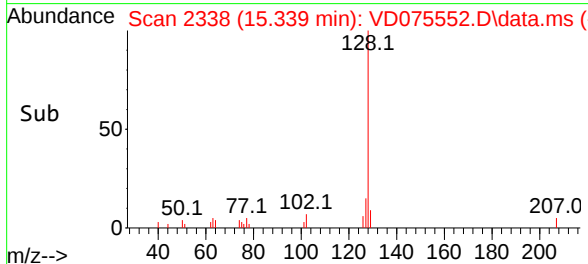
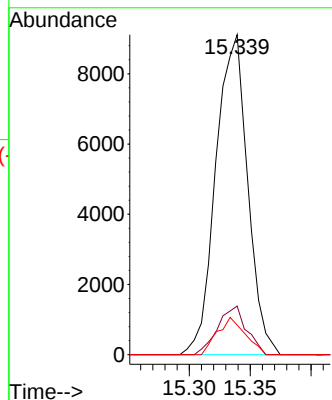
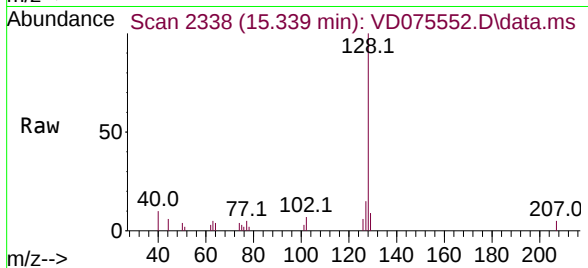
Acq: 31 Mar 2023 10:46

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:128	Resp:	16595
Ion Ratio	Lower	Upper
128	100	
127	13.7	10.3 15.5
129	10.2	8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 2.452 ug/L

RT: 15.528 min Scan# 2370

Delta R.T. 0.006 min

Lab File: VD075552.D

Acq: 31 Mar 2023 10:46

Tgt Ion:180	Resp:	8729
Ion Ratio	Lower	Upper
180	100	
182	90.0	75.4 113.0
145	28.7	25.2 37.8

