

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050123\
 Data File : VD075932.D
 Acq On : 01 May 2023 11:10
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 02 02:28:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 01 00:14:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	380204	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	358040	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	182948	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	195285	23.414	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.640%
7) Chloroethane-d5	2.799	69	177857	24.680	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.720%
11) 1,1-Dichloroethene-d2	3.917	65	44041	22.903	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.600%
21) 2-Butanone-d5	6.981	46	41397	57.172	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.340%
24) Chloroform-d	7.569	84	236044	24.827	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.320%
26) 1,2-Dichloroethane-d4	8.228	65	106749	26.292	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.160%
32) Benzene-d6	8.199	84	502035	24.057	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.240%
36) 1,2-Dichloropropane-d6	9.210	67	142299	24.636	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.560%
41) Toluene-d8	10.269	98	471357	24.127	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.520%
43) trans-1,3-Dichloroprop...	10.528	79	56154	23.520	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.080%
47) 2-Hexanone-d5	10.875	63	37975	54.603	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.200%
56) 1,1,2,2-Tetrachloroeth...	12.657	84	117199	26.516	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.080%
66) 1,2-Dichlorobenzene-d4	13.822	152	153207	23.676	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	141391	26.976	ug/L	100
3) Chloromethane	2.146	50	220082	30.121	ug/L	99
5) Vinyl chloride	2.281	62	262395	27.478	ug/L	99
6) Bromomethane	2.693	94	140187	21.847	ug/L	100
8) Chloroethane	2.834	64	169083	27.378	ug/L	97
9) Trichlorofluoromethane	3.175	101	202411	26.380	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	139315	27.027	ug/L	96
12) 1,1-Dichloroethene	3.940	96	128928	25.790	ug/L	87
13) Acetone	4.022	43	37441	60.424	ug/L	92
14) Carbon disulfide	4.269	76	447657	25.638	ug/L	99
15) Methyl Acetate	4.558	43	37566	27.974	ug/L #	54
16) Methylene chloride	4.799	84	163447	21.191	ug/L	94
17) trans-1,2-Dichloroethene	5.305	96	144783	25.829	ug/L	95
18) Methyl tert-butyl Ether	5.316	73	235870	26.232	ug/L #	83
19) 1,1-Dichloroethane	6.111	63	225098	27.412	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	151574	25.573	ug/L	96
22) 2-Butanone	7.087	43	48903	60.537	ug/L	97
23) Bromochloromethane	7.428	128	75225	27.366	ug/L	94
25) Chloroform	7.593	83	254008	27.600	ug/L	98

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 Response via : Initial Calibration

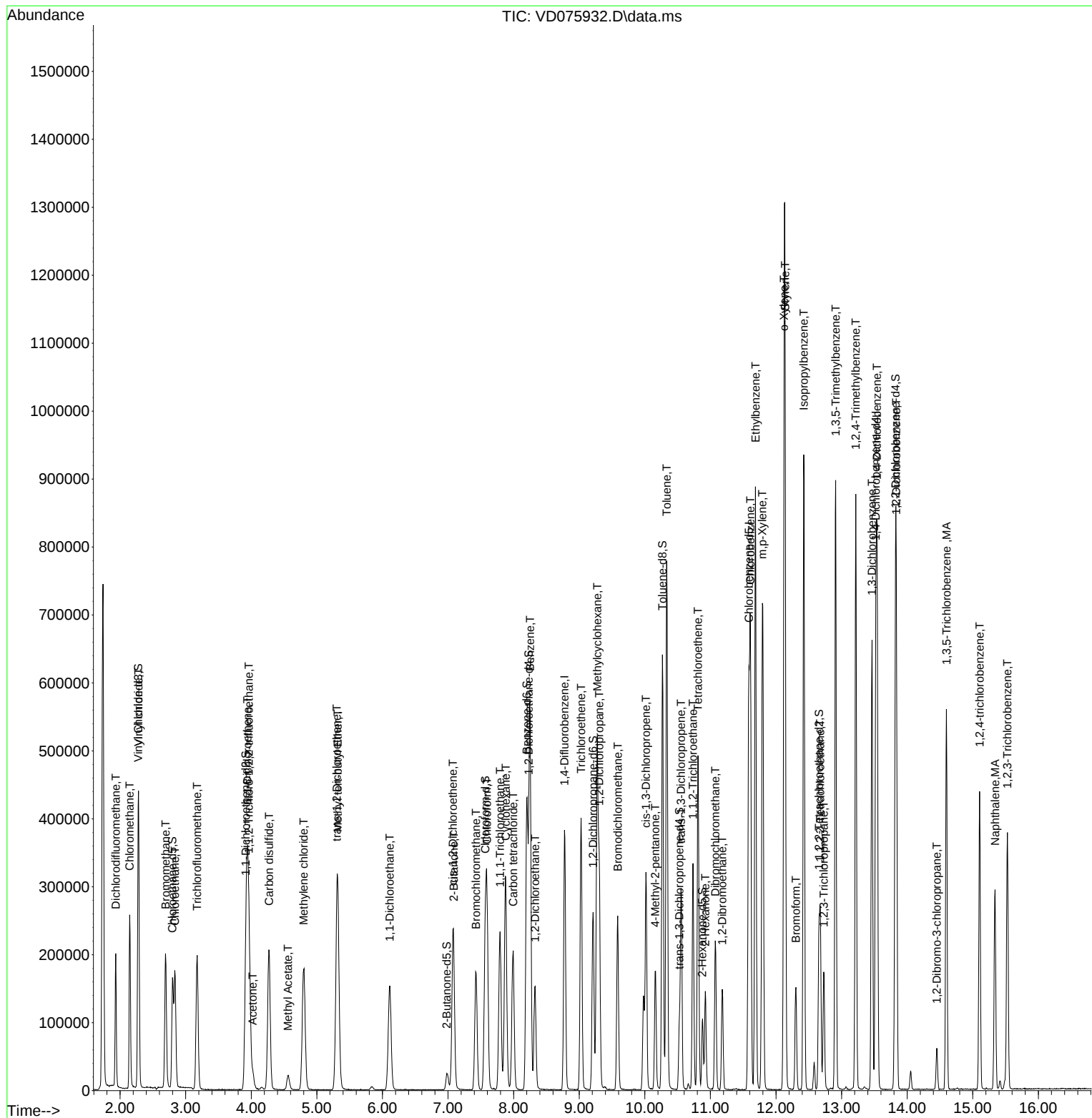
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	134817	28.379	ug/L	99
29) Cyclohexane	7.881	56	162938	26.584	ug/L	94
30) 1,1,1-Trichloroethane	7.793	97	198258	26.172	ug/L	99
31) Carbon tetrachloride	7.993	117	162865	26.798	ug/L	97
33) Benzene	8.252	78	576033	26.598	ug/L	100
34) Trichloroethene	9.028	95	140863	25.151	ug/L	97
35) Methylcyclohexane	9.275	83	227461	26.342	ug/L	98
37) 1,2-Dichloropropane	9.304	63	137809	27.701	ug/L	100
38) Bromodichloromethane	9.587	83	177871	26.517	ug/L #	98
39) cis-1,3-Dichloropropene	10.016	75	204862	25.893	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	107409	59.217	ug/L	98
42) Toluene	10.334	91	636831	27.172	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	171858	27.039	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	113283	26.766	ug/L	98
46) Tetrachloroethene	10.810	164	122494	26.665	ug/L	96
48) 2-Hexanone	10.922	43	80190	62.712	ug/L	94
49) Dibromochloromethane	11.075	129	122581	26.605	ug/L	100
50) 1,2-Dibromoethane	11.181	107	102316	26.814	ug/L	96
51) Chlorobenzene	11.610	112	406115	26.487	ug/L	99
52) Ethylbenzene	11.687	91	640360	26.645	ug/L	98
53) m,p-Xylene	11.793	106	265300	27.723	ug/L	98
54) o-Xylene	12.122	106	248150	27.301	ug/L	98
55) Styrene	12.140	104	448713	28.364	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	119417	27.731	ug/L	93
59) Bromoform	12.304	173	74268	26.488	ug/L	97
60) Isopropylbenzene	12.422	105	621014	25.600	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	76672	26.678	ug/L	99
62) 1,3,5-Trimethylbenzene	12.910	105	482095	26.651	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	465867	26.717	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	301743	25.997	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	312361	25.642	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	267533	25.810	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	15422	26.843	ug/L	96
69) 1,3,5-Trichlorobenzene	14.598	180	184550	23.722	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	149304	23.158	ug/L	98
71) Naphthalene	15.339	128	279718	23.709	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	142433	24.750	ug/L	97

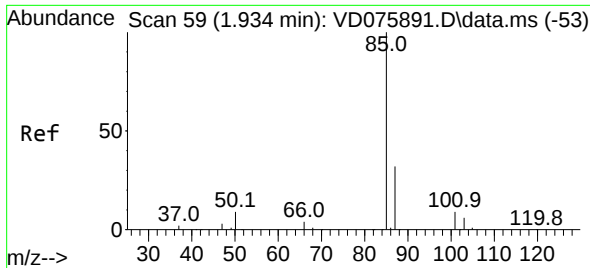
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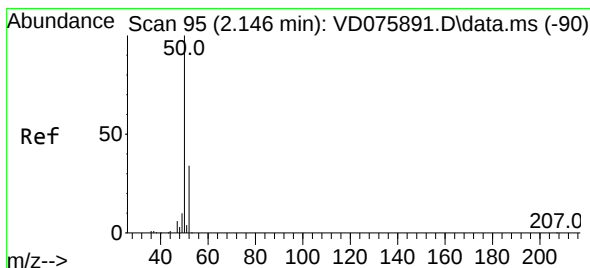
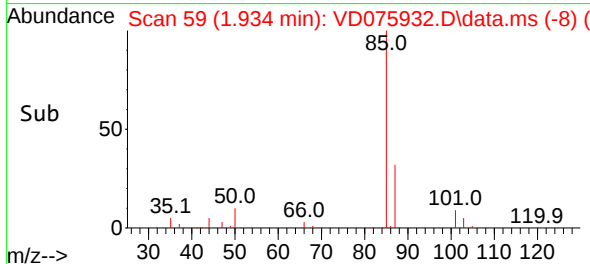
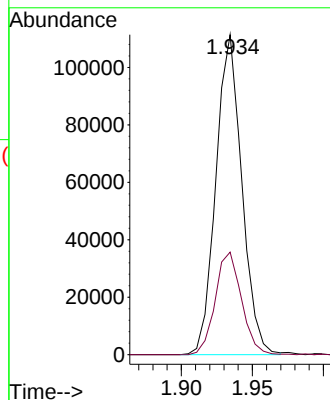
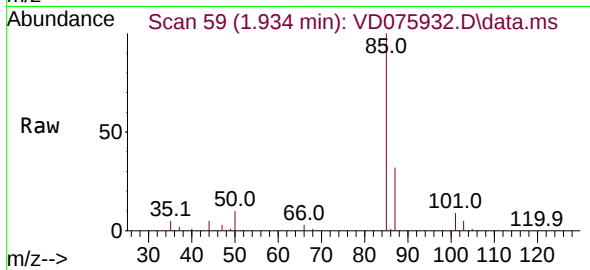




#2
 Dichlorodifluoromethane
 Concen: 26.976 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD075932.D
 Acq: 01 May 2023 11:10

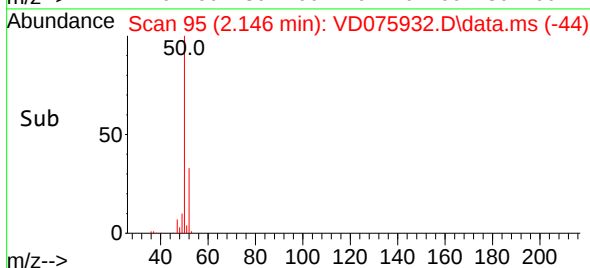
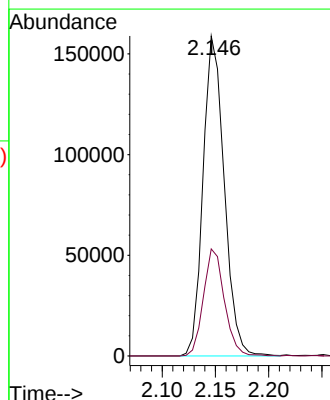
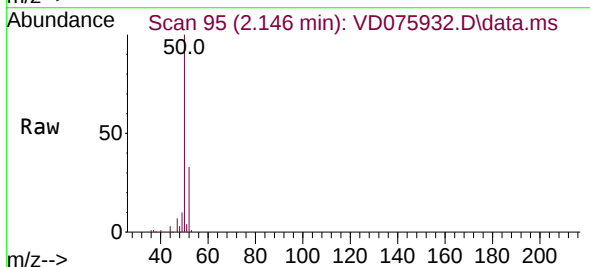
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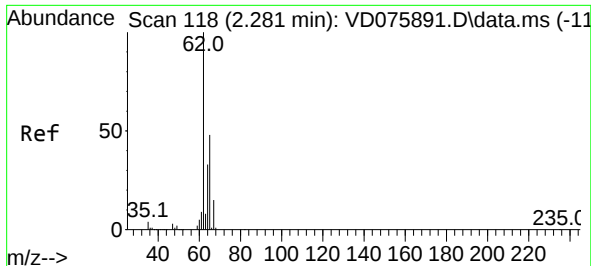
Tgt Ion: 85 Resp: 141391
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.8 38.8



#3
 Chloromethane
 Concen: 30.121 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD075932.D
 Acq: 01 May 2023 11:10

Tgt Ion: 50 Resp: 220082
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.7 44.1

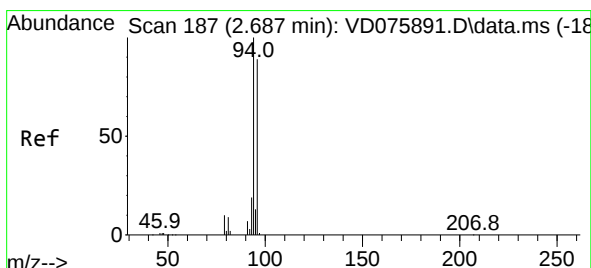
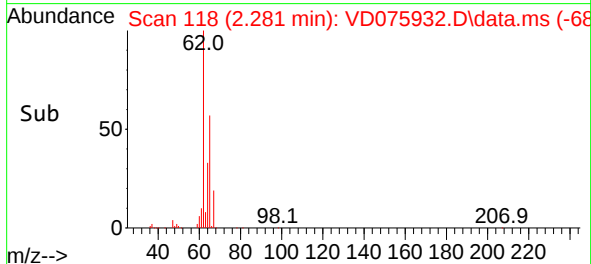
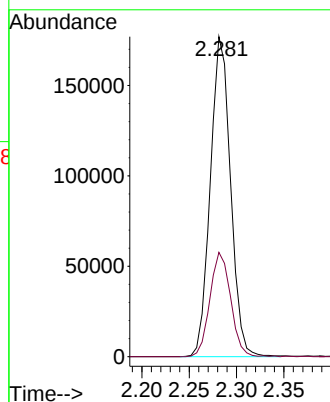
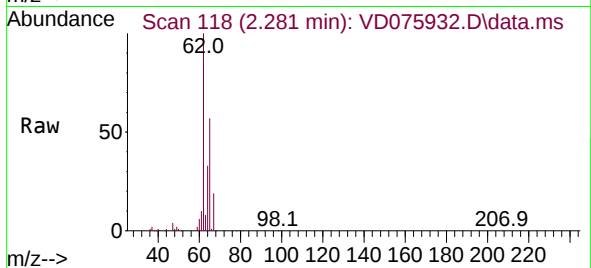




#5
 Vinyl chloride
 Concen: 27.478 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.006 min
 Lab File: VD075932.D
 Acq: 01 May 2023 11:10

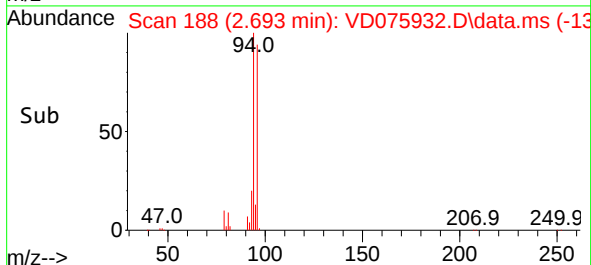
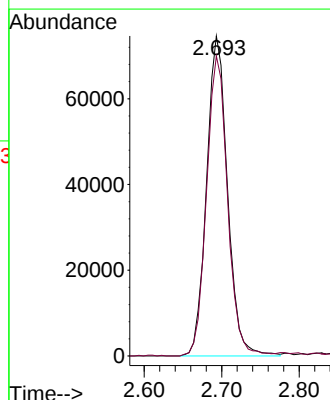
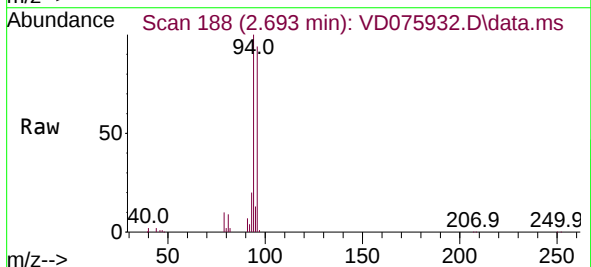
Instrument :
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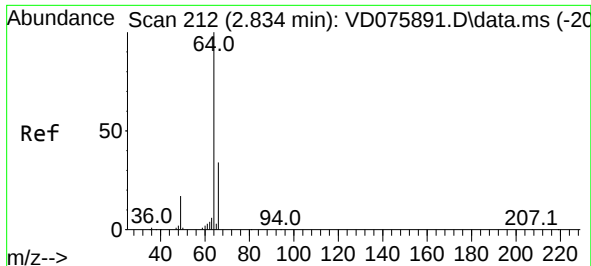
Tgt Ion: 62 Resp: 262395
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.2 43.0



#6
 Bromomethane
 Concen: 21.847 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD075932.D
 Acq: 01 May 2023 11:10

Tgt Ion: 94 Resp: 140187
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.7 121.9

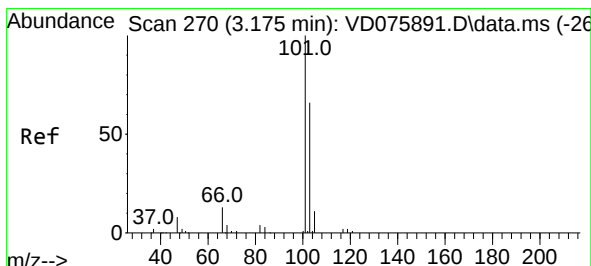
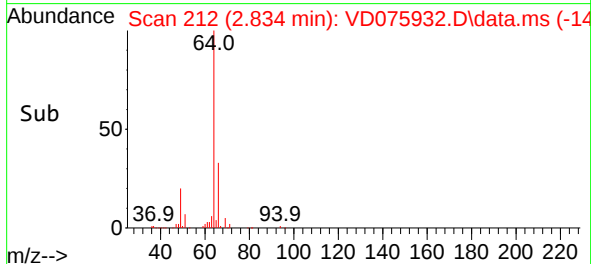
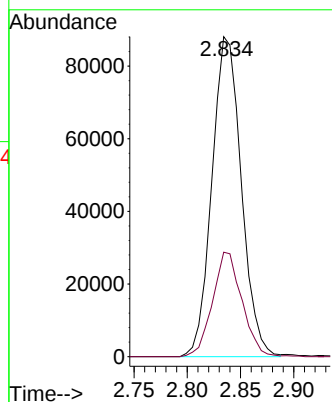
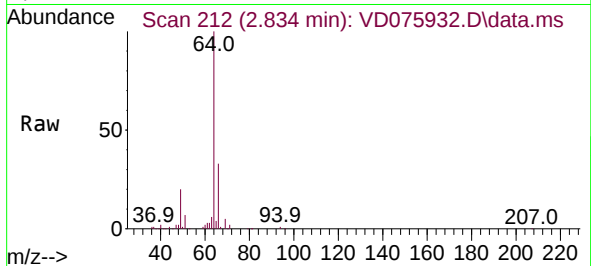




#8
Chloroethane
Concen: 27.378 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075932.D
Acq: 01 May 2023 11:10

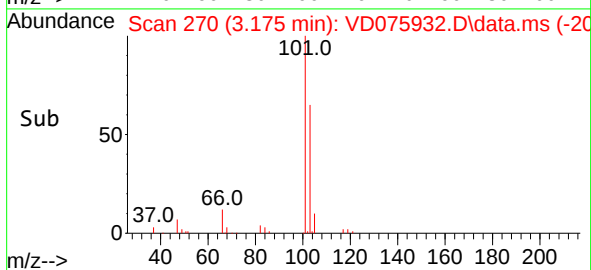
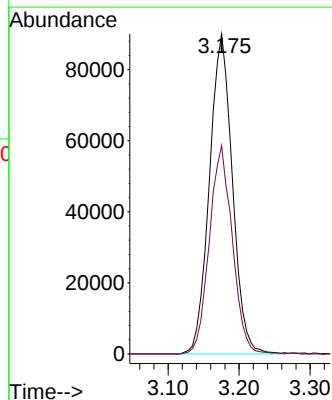
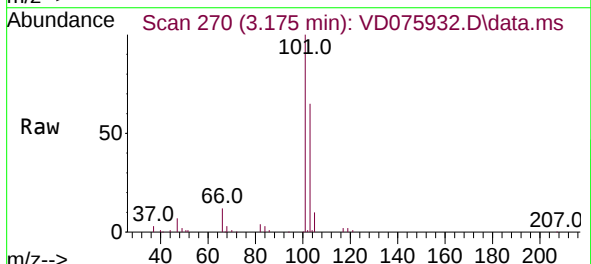
Instrument :
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ClientSampleId :

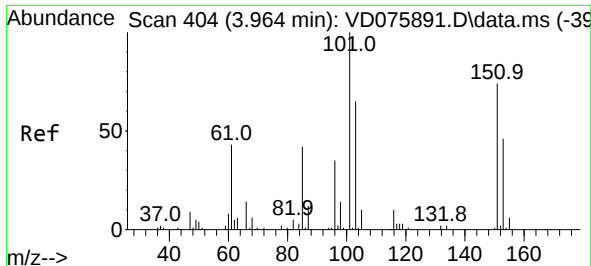
Tgt Ion: 64 Resp: 169083
Ion Ratio Lower Upper
64 100
66 32.7 21.8 40.4



#9
Trichlorofluoromethane
Concen: 26.380 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD075932.D
Acq: 01 May 2023 11:10

Tgt Ion:101 Resp: 202411
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.4

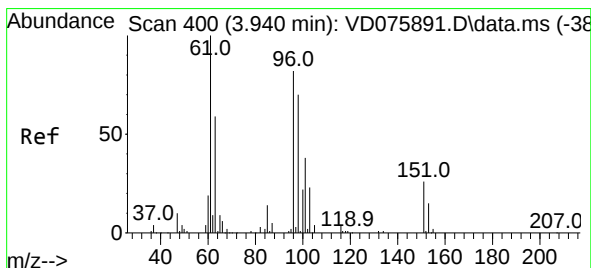
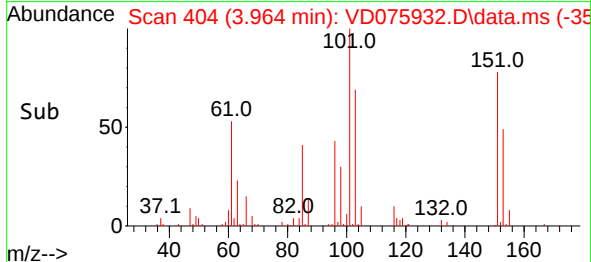
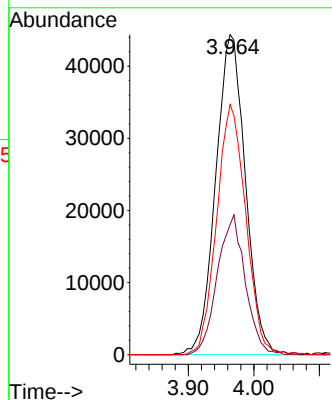
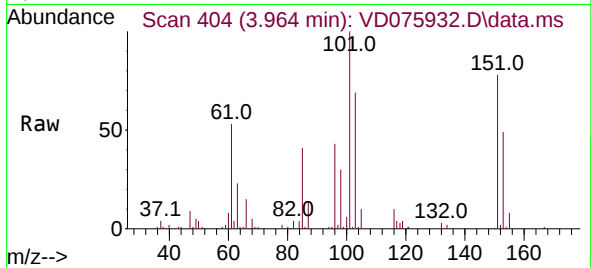




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.027 ug/L
 RT: 3.964 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: VD075932.D
 Acq: 01 May 2023 11:10

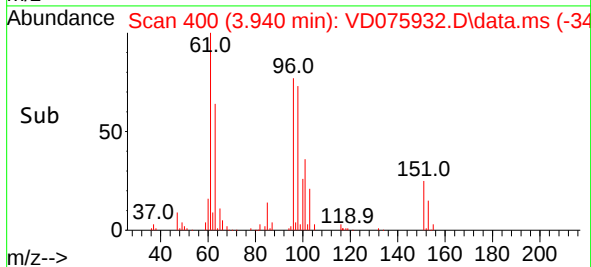
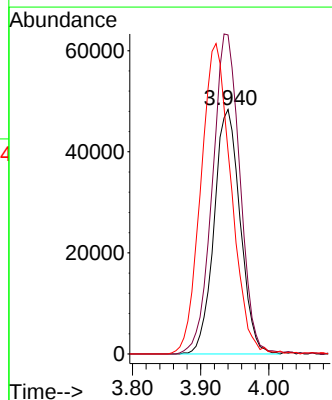
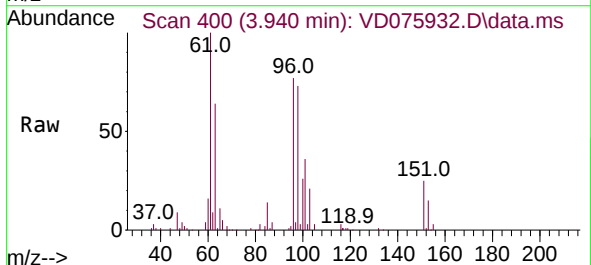
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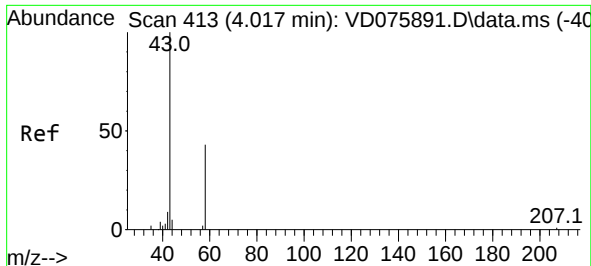
Tgt Ion:101 Resp: 139315
 Ion Ratio Lower Upper
 101 100
 85 41.1 32.9 49.3
 151 76.6 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 25.790 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VD075932.D
 Acq: 01 May 2023 11:10

Tgt Ion: 96 Resp: 128928
 Ion Ratio Lower Upper
 96 100
 61 130.5 92.6 172.0
 63 83.0 77.4 143.8





#13

Acetone

Concen: 60.424 ug/L

RT: 4.022 min Scan# 413

Delta R.T. 0.000 min

Lab File: VD075932.D

Acq: 01 May 2023 11:10

Instrument :

MSVOA_D

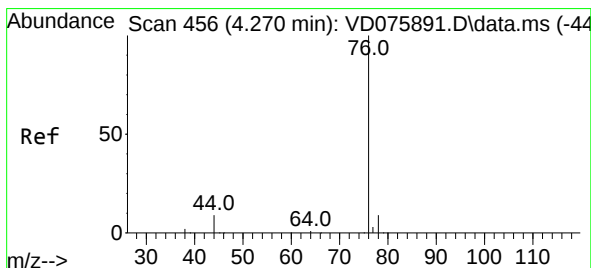
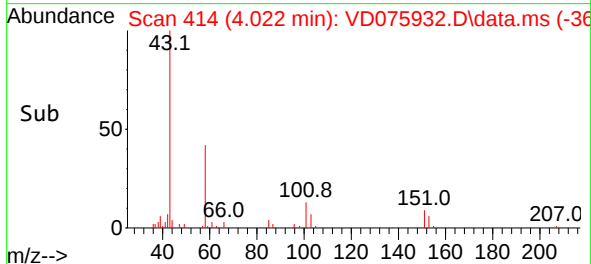
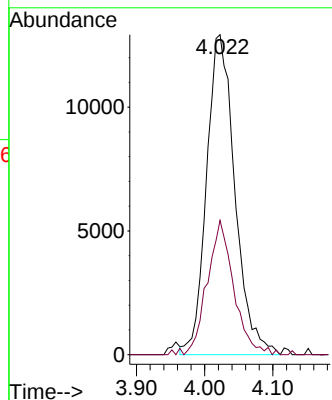
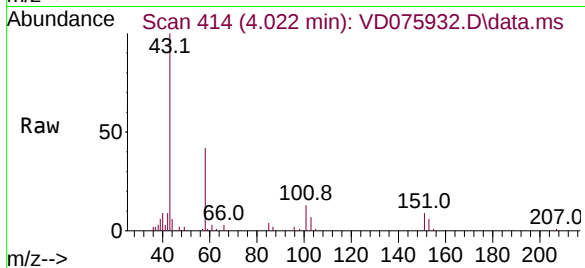
ClientSampleId :

Tgt Ion: 43 Resp: 37441

Ion Ratio Lower Upper

43 100

58 38.6 0.0 87.4



#14

Carbon disulfide

Concen: 25.638 ug/L

RT: 4.269 min Scan# 456

Delta R.T. 0.000 min

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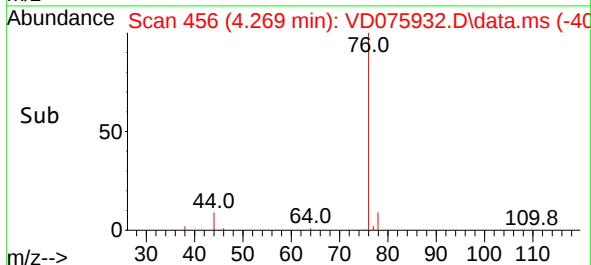
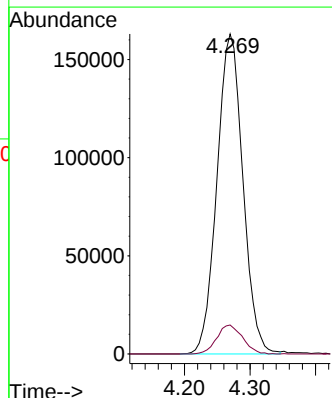
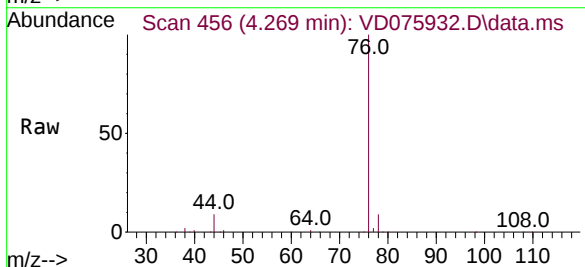
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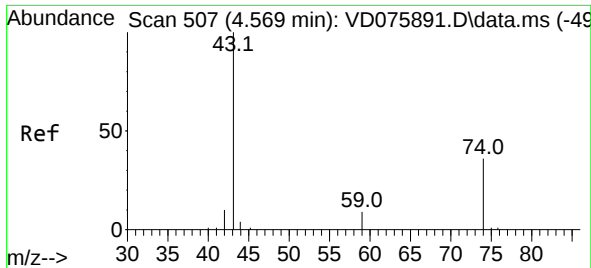
Tgt Ion: 76 Resp: 447657

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6

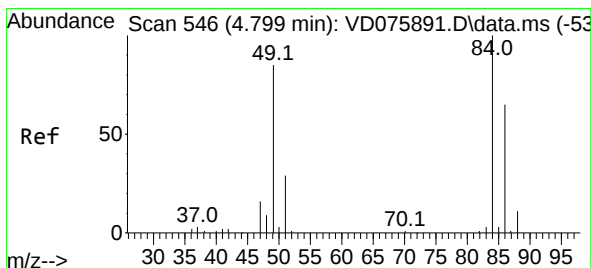
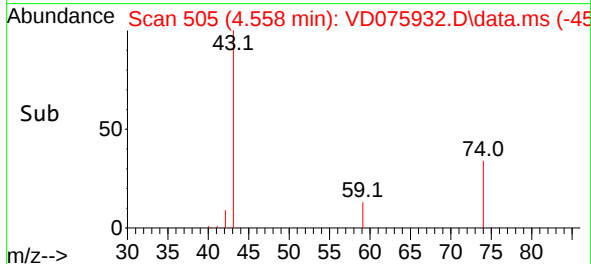
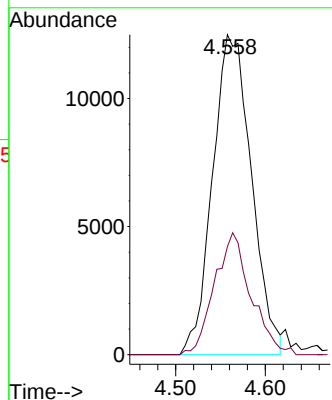
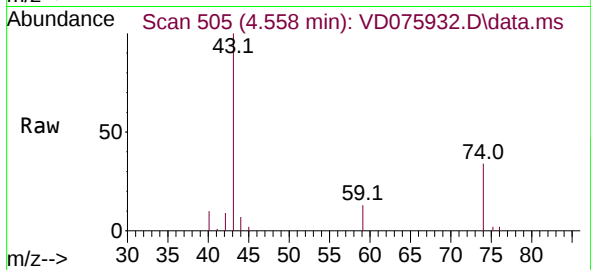




#15
Methyl Acetate
Concen: 27.974 ug/L
RT: 4.558 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD075932.D
Acq: 01 May 2023 11:10

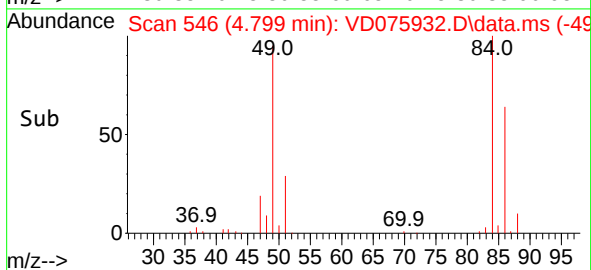
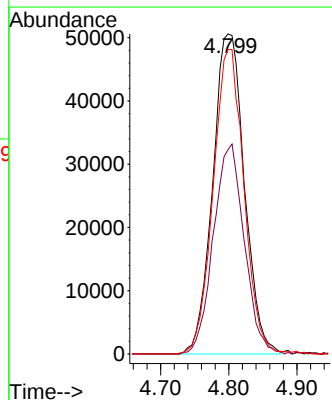
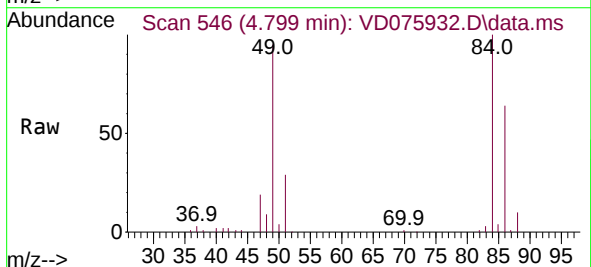
Instrument :
MSVOA_D
ClientSampleId :

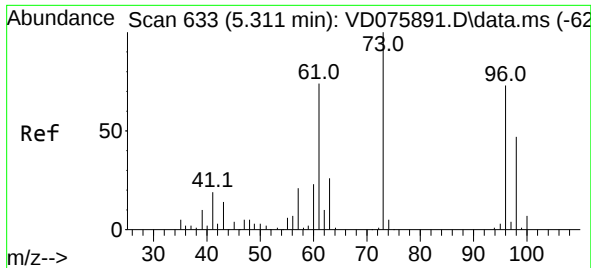
Tgt Ion: 43 Resp: 37566
Ion Ratio Lower Upper
43 100
74 35.6 12.8 19.2#



#16
Methylene chloride
Concen: 21.191 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075932.D
Acq: 01 May 2023 11:10

Tgt Ion: 84 Resp: 163447
Ion Ratio Lower Upper
84 100
86 63.9 45.8 85.2
49 95.1 60.8 112.8

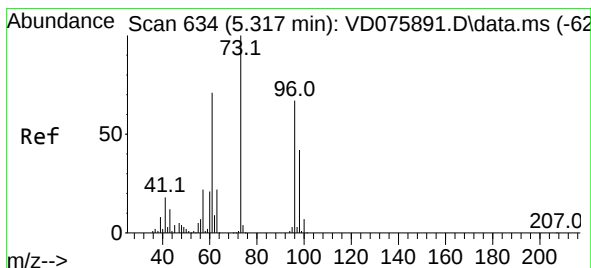
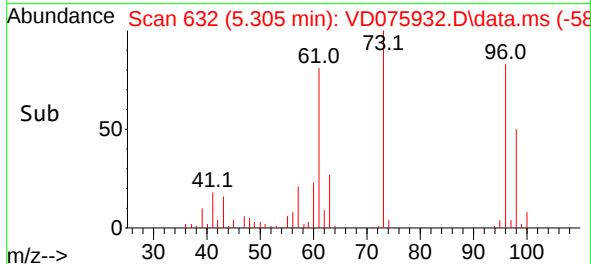
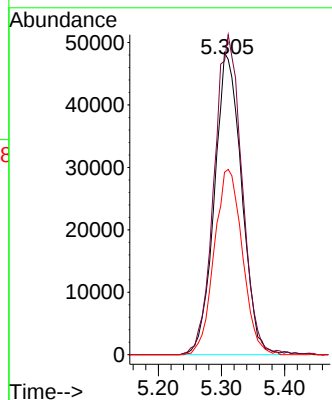
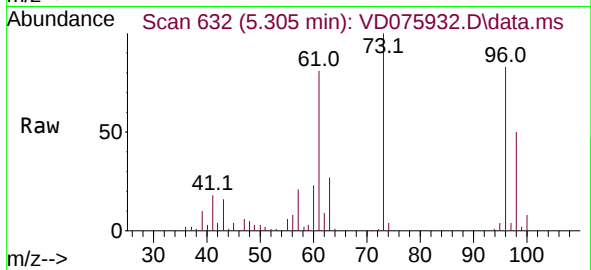




#17
trans-1,2-Dichloroethene
Concen: 25.829 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075932.D
Acq: 01 May 2023 11:10

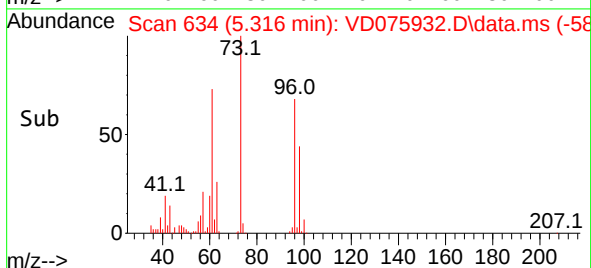
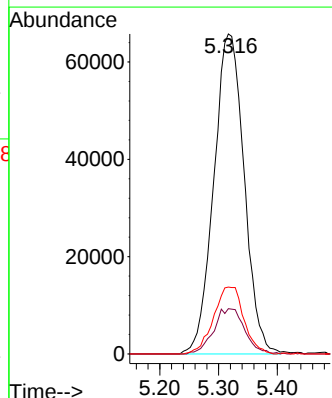
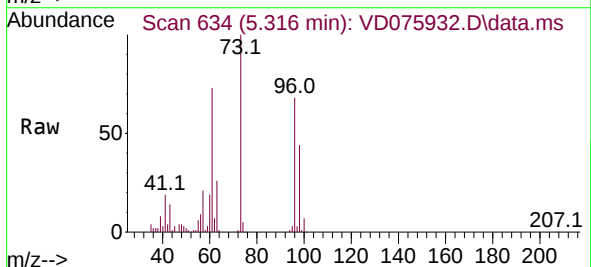
Instrument :
MSVOA_D
ClientSampleId :

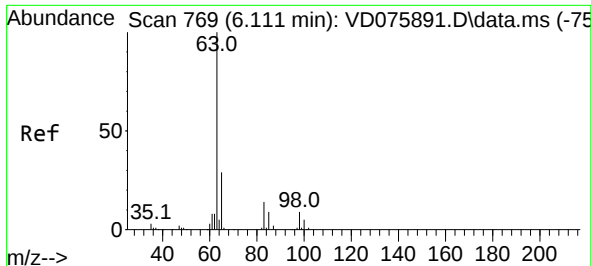
Tgt Ion: 96 Resp: 144783
Ion Ratio Lower Upper
96 100
61 97.3 72.9 135.5
98 60.4 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 26.232 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD075932.D
Acq: 01 May 2023 11:10

Tgt Ion: 73 Resp: 235870
Ion Ratio Lower Upper
73 100
43 6.1 11.3 16.9#
57 13.3 16.3 24.5#

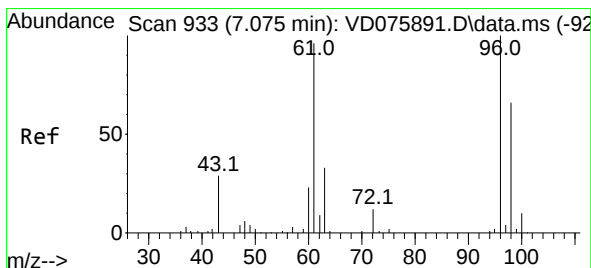
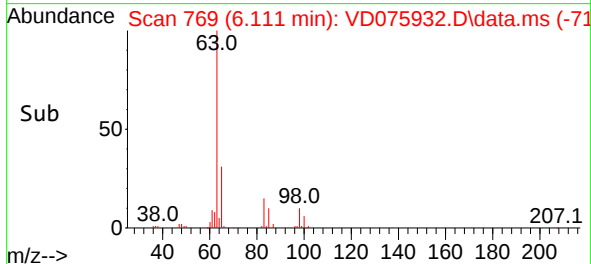
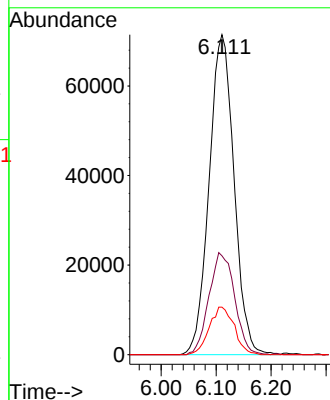
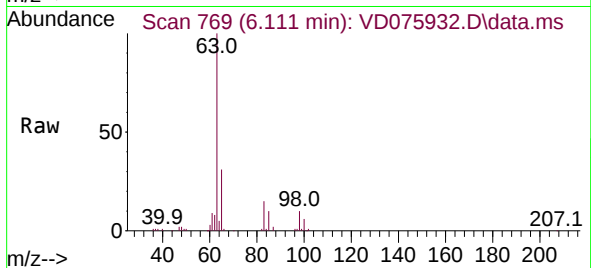




#19
1,1-Dichloroethane
Concen: 27.412 ug/L
RT: 6.111 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD075932.D
Acq: 01 May 2023 11:10

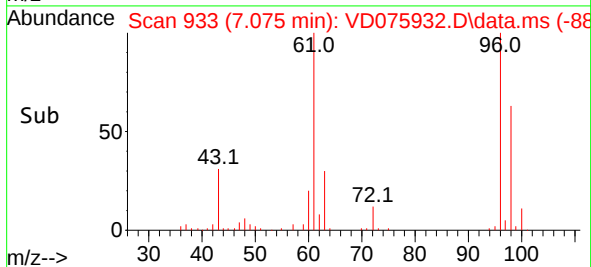
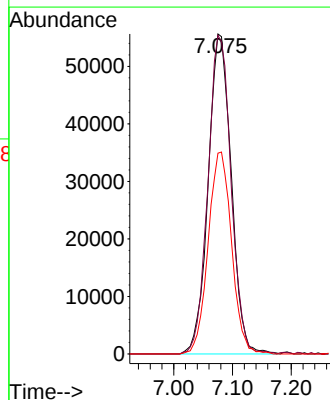
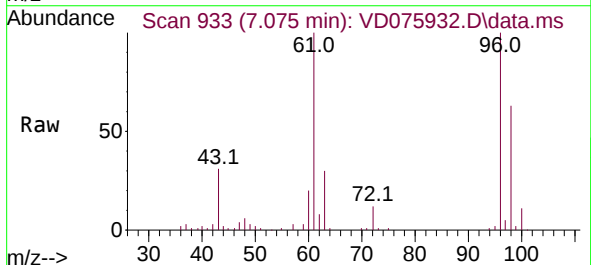
Instrument :
MSVOA_D
ClientSampleId :

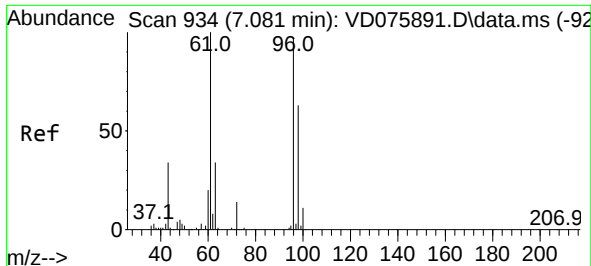
Tgt Ion: 63 Resp: 225098
Ion Ratio Lower Upper
63 100
65 30.9 22.8 42.4
83 14.9 11.2 20.8



#20
cis-1,2-Dichloroethene
Concen: 25.573 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD075932.D
Acq: 01 May 2023 11:10

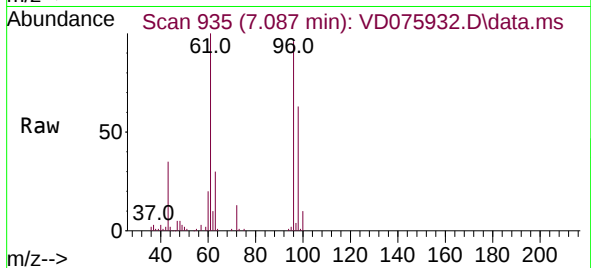
Tgt Ion: 96 Resp: 151574
Ion Ratio Lower Upper
96 100
61 99.6 67.5 125.3
98 62.7 47.5 88.1



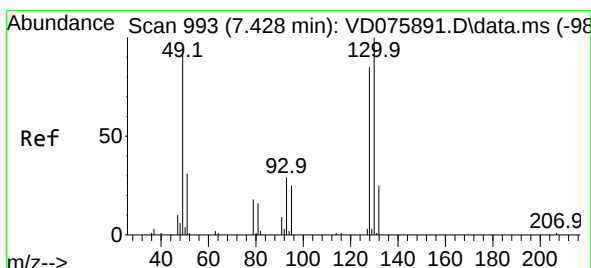
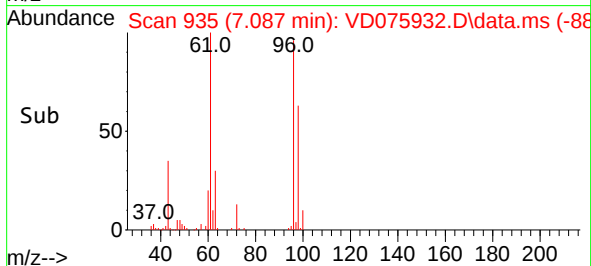
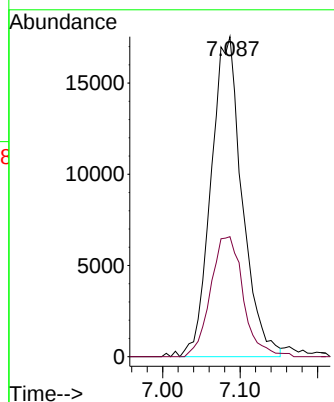


#22
2-Butanone
Concen: 60.537 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075932.D
Acq: 01 May 2023 11:10

Instrument :
MSVOA_D
ClientSampleId :

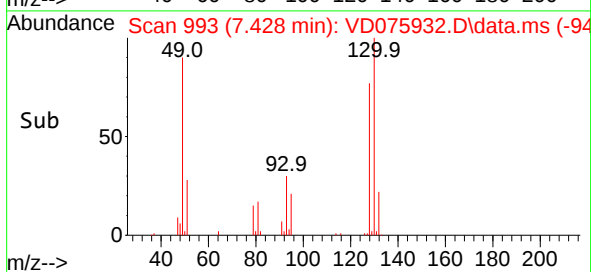
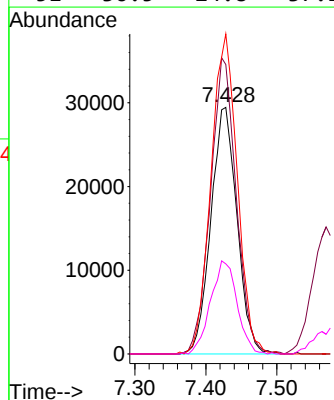
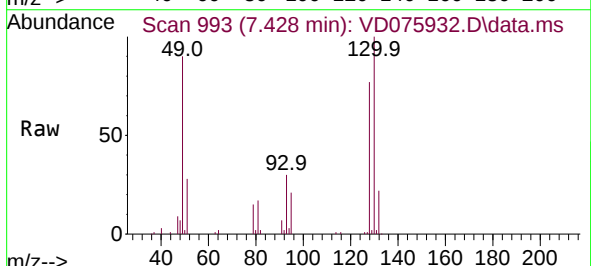


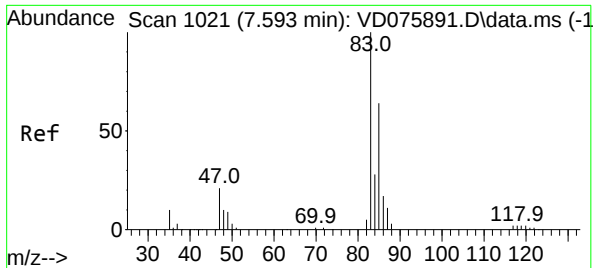
Tgt Ion: 43 Resp: 48903
Ion Ratio Lower Upper
43 100
72 39.3 20.5 61.5



#23
Bromochloromethane
Concen: 27.366 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD075932.D
Acq: 01 May 2023 11:10

Tgt Ion: 128 Resp: 75225
Ion Ratio Lower Upper
128 100
49 117.4 76.4 142.0
130 129.8 93.5 173.7
51 36.5 24.8 37.2





#25

Chloroform

Concen: 27.600 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD075932.D

Acq: 01 May 2023 11:10

Instrument :

MSVOA_D

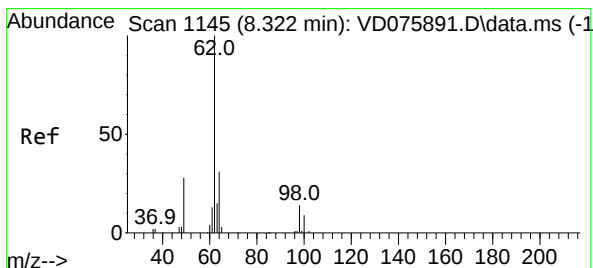
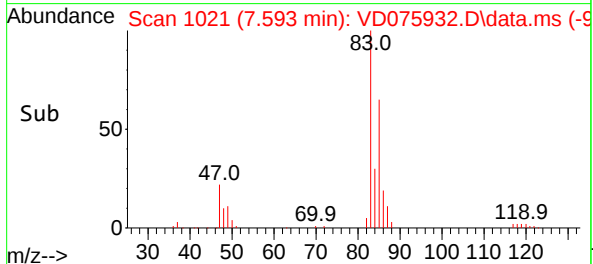
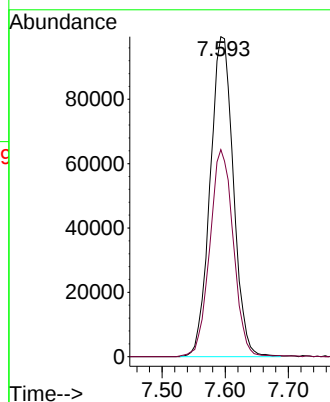
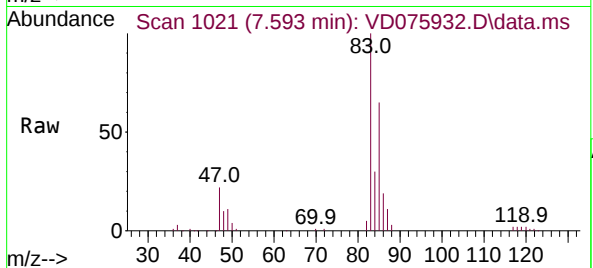
ClientSampleId :

Tgt Ion: 83 Resp: 254008

Ion Ratio Lower Upper

83 100

85 64.7 44.4 82.5



#27

1,2-Dichloroethane

Concen: 28.379 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD075932.D

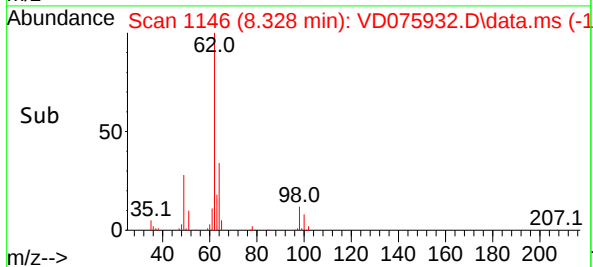
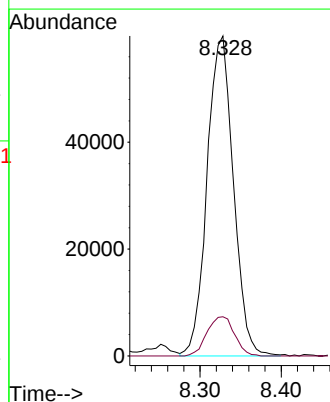
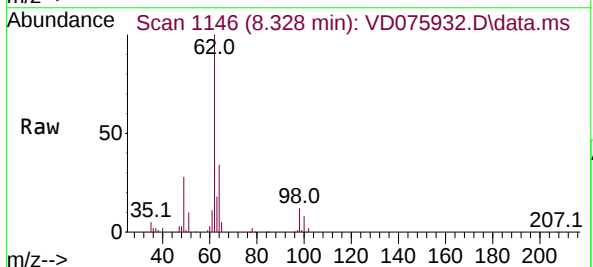
Acq: 01 May 2023 11:10

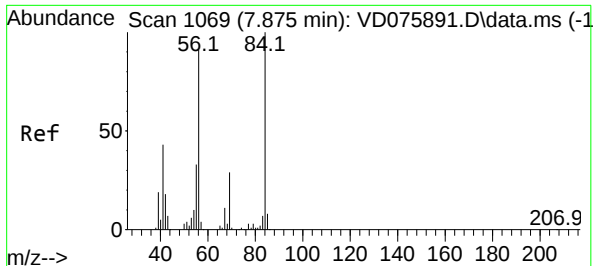
Tgt Ion: 62 Resp: 134817

Ion Ratio Lower Upper

62 100

98 12.2 10.2 15.2





#29

Cyclohexane

Concen: 26.584 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

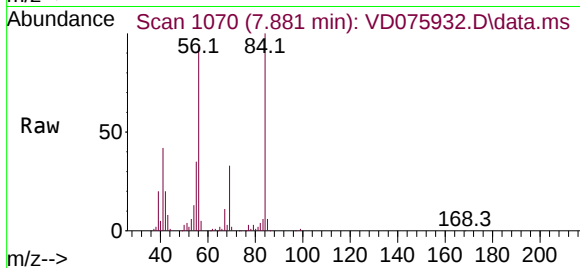
Lab File: VD075932.D

Acq: 01 May 2023 11:10

Instrument :

MSVOA_D

ClientSampleId :



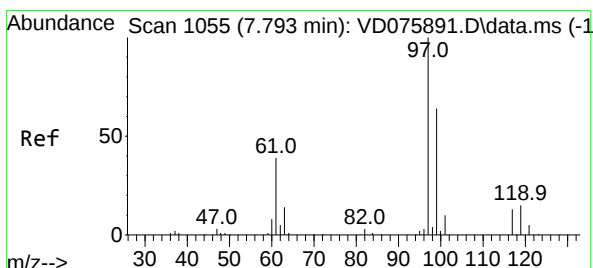
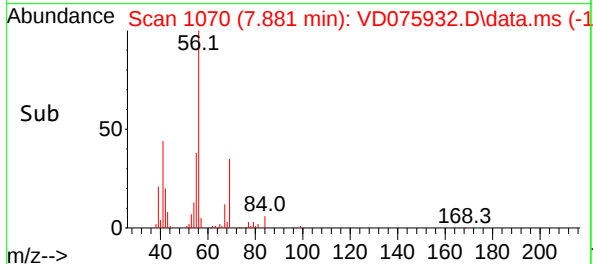
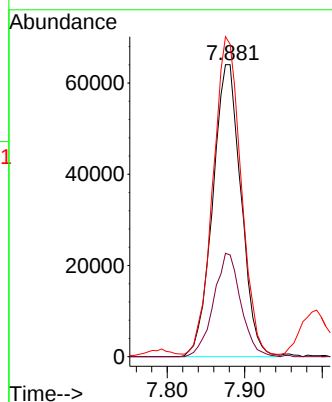
Tgt Ion: 56 Resp: 162938

Ion Ratio Lower Upper

56 100

69 33.9 28.2 42.2

84 108.2 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 26.172 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075932.D

Acq: 01 May 2023 11:10

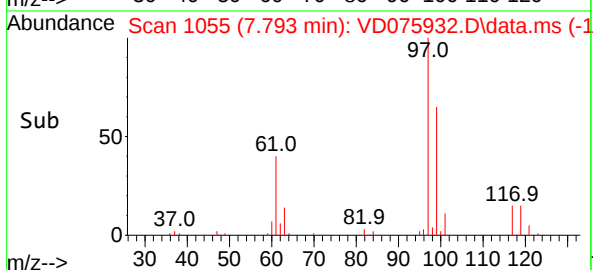
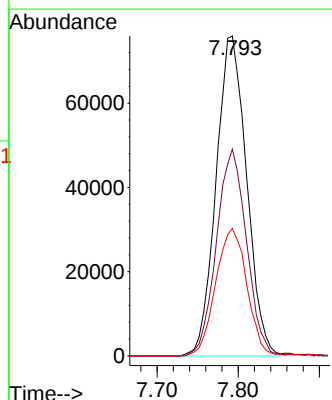
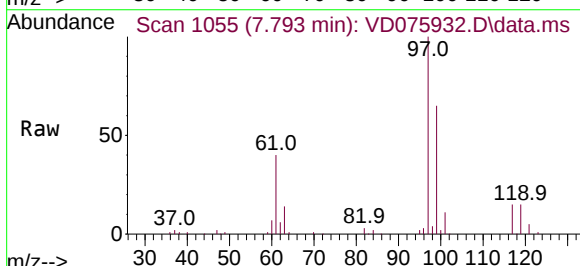
Tgt Ion: 97 Resp: 198258

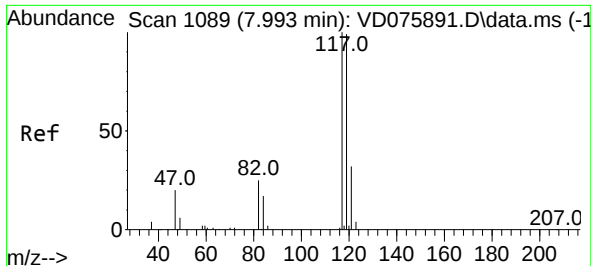
Ion Ratio Lower Upper

97 100

99 63.6 51.5 77.3

61 40.8 32.1 48.1

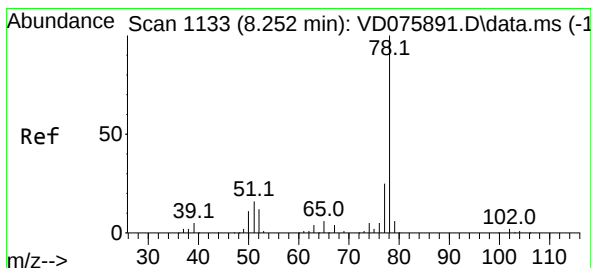
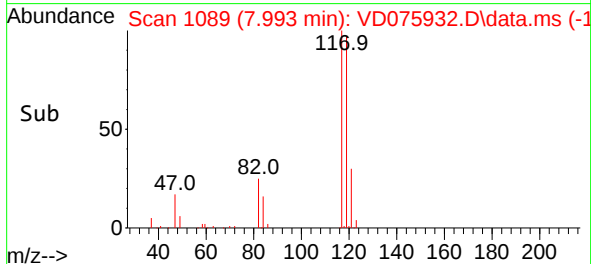
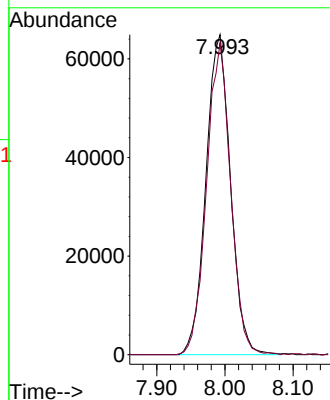
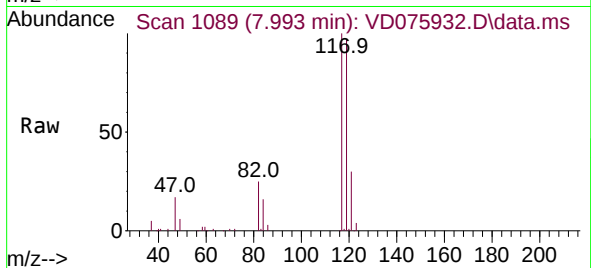




#31
Carbon tetrachloride
Concen: 26.798 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD075932.D
Acq: 01 May 2023 11:10

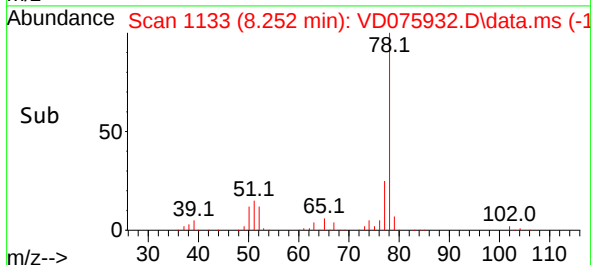
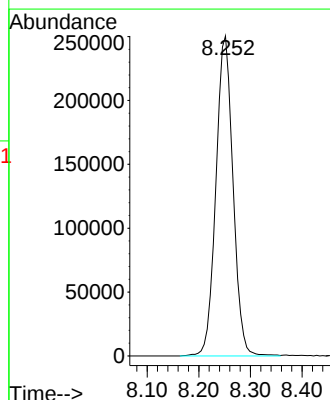
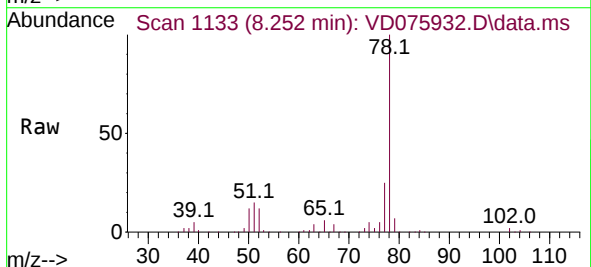
Instrument :
MSVOA_D
ClientSampleId :

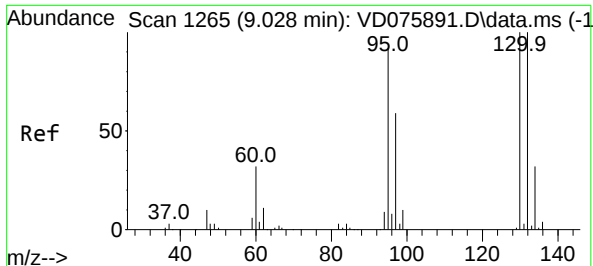
Tgt Ion:117 Resp: 162865
Ion Ratio Lower Upper
117 100
119 95.2 78.2 117.4



#33
Benzene
Concen: 26.598 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075932.D
Acq: 01 May 2023 11:10

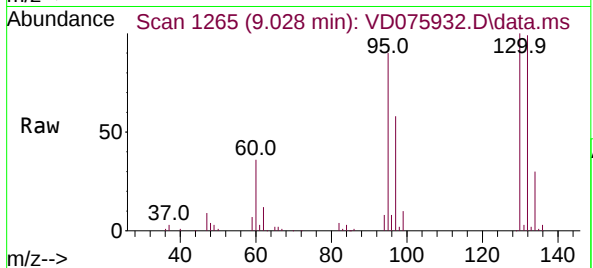
Tgt Ion: 78 Resp: 576033





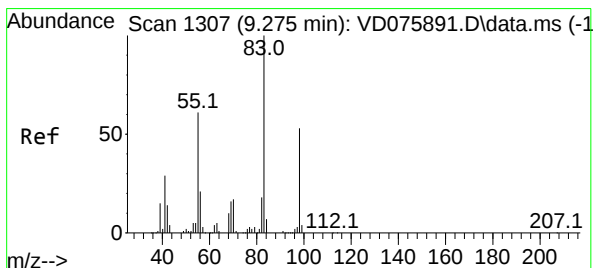
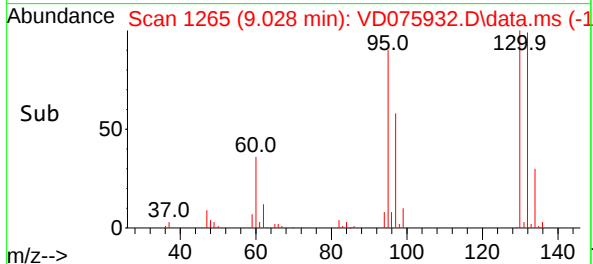
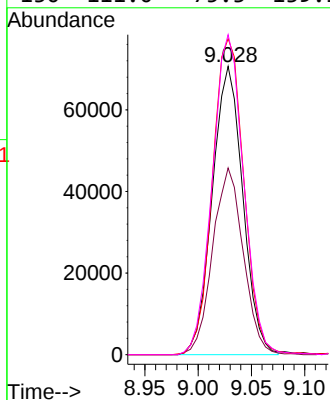
#34
 Trichloroethene
 Concen: 25.151 ug/L
 RT: 9.028 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD075932.D
 Acq: 01 May 2023 11:10

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 95 Resp: 140863

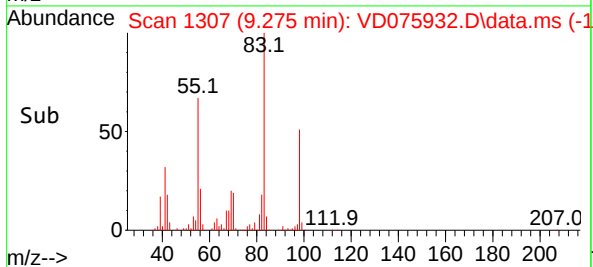
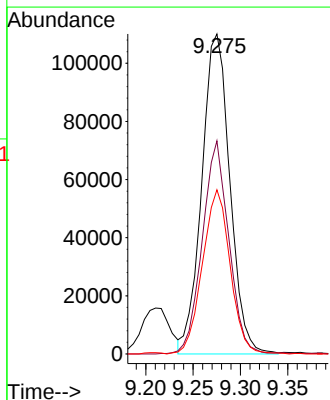
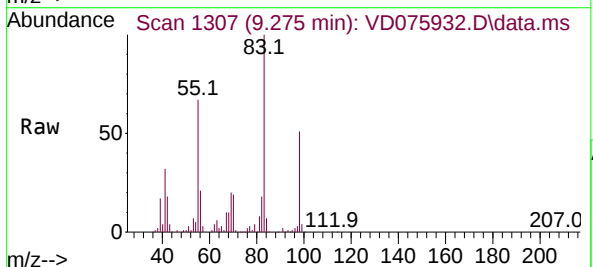
Ion	Ratio	Lower	Upper
95	100		
97	64.8	46.0	85.4
132	109.6	73.3	136.1
130	111.0	75.3	139.9

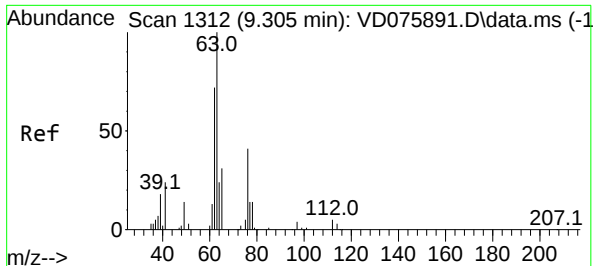


#35
 Methylcyclohexane
 Concen: 26.342 ug/L
 RT: 9.275 min Scan# 1307
 Delta R.T. 0.000 min
 Lab File: VD075932.D
 Acq: 01 May 2023 11:10

Tgt Ion: 83 Resp: 227461

Ion	Ratio	Lower	Upper
83	100		
55	62.6	48.2	72.2
98	50.5	40.8	61.2





#37

1,2-Dichloropropane

Concen: 27.701 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075932.D

Acq: 01 May 2023 11:10

Instrument :

MSVOA_D

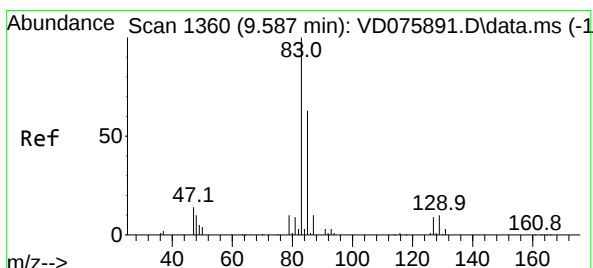
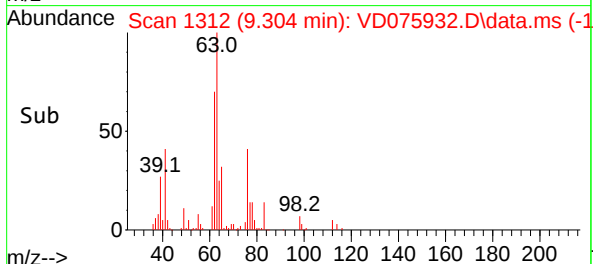
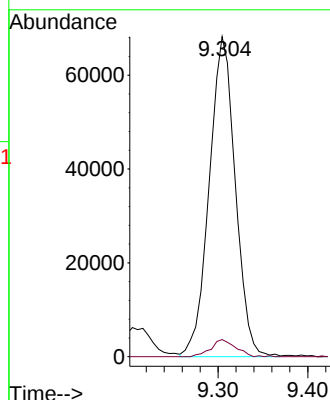
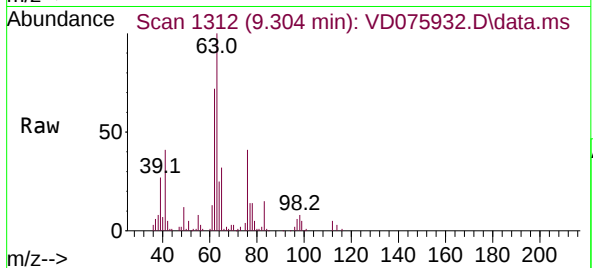
ClientSampleId :

Tgt Ion: 63 Resp: 137809

Ion Ratio Lower Upper

63 100

112 5.0 4.0 6.0



#38

Bromodichloromethane

Concen: 26.517 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD075932.D

Acq: 01 May 2023 11:10

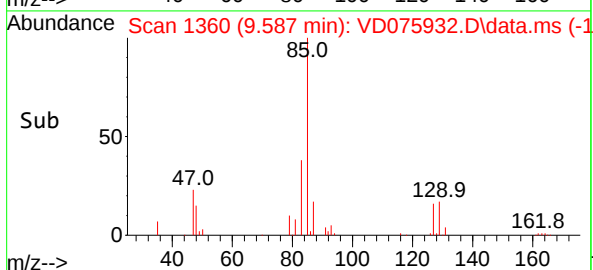
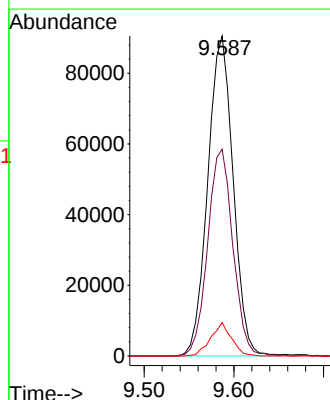
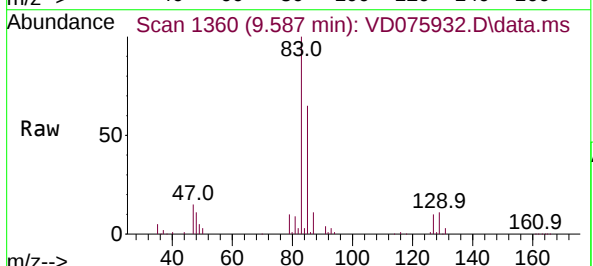
Tgt Ion: 83 Resp: 177871

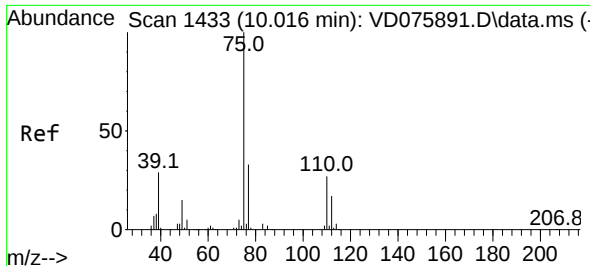
Ion Ratio Lower Upper

83 100

85 64.6 44.2 82.2

127 10.5 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 25.893 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD075932.D

Acq: 01 May 2023 11:10

Instrument :

MSVOA_D

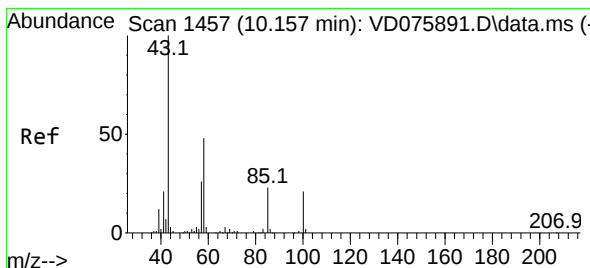
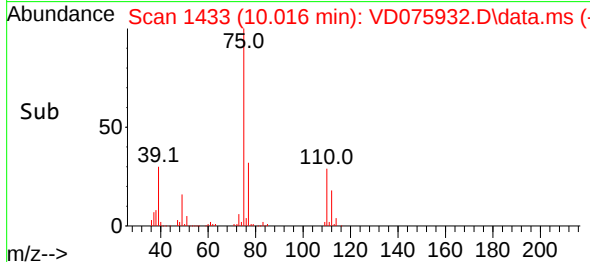
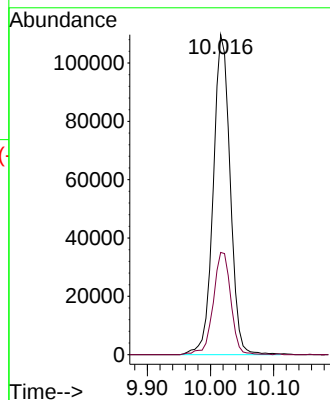
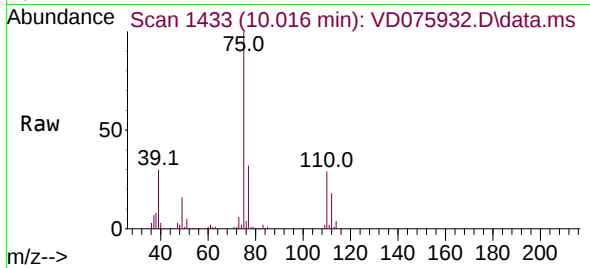
ClientSampleId :

Tgt Ion: 75 Resp: 204862

Ion Ratio Lower Upper

75 100

77 32.0 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 59.217 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD075932.D

Acq: 01 May 2023 11:10

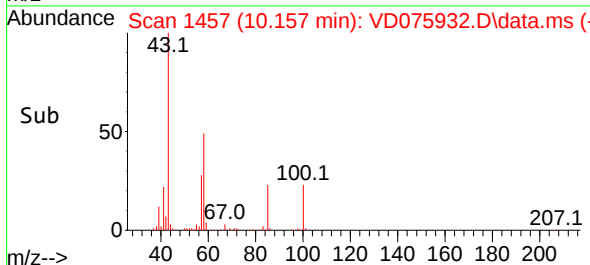
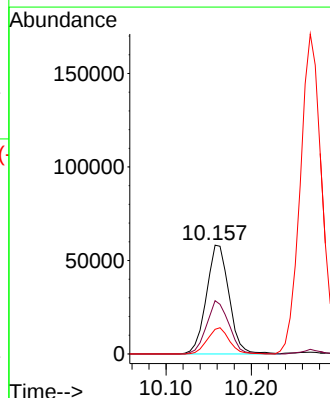
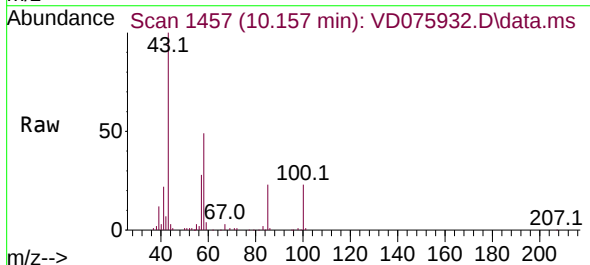
Tgt Ion: 43 Resp: 107409

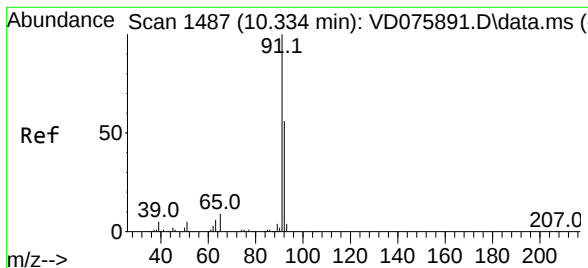
Ion Ratio Lower Upper

43 100

58 48.1 39.1 58.7

100 23.1 19.4 29.0





#42

Toluene

Concen: 27.172 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075932.D

Acq: 01 May 2023 11:10

Instrument :

MSVOA_D

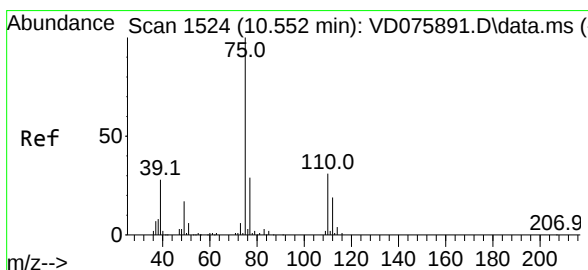
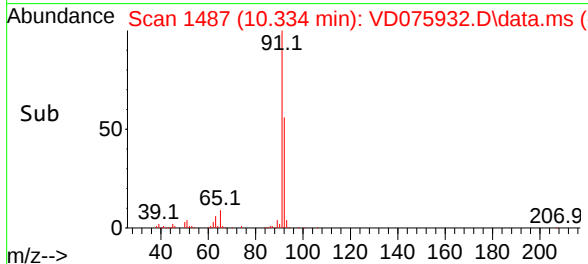
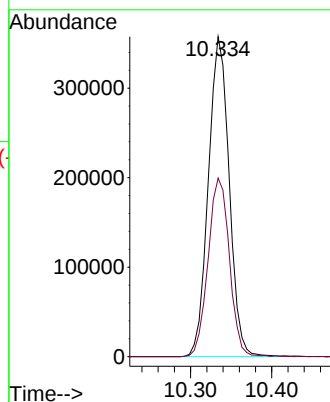
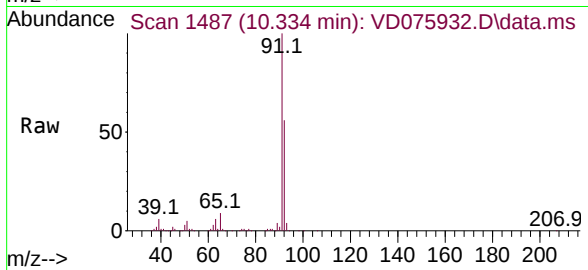
ClientSampleId :

Tgt Ion: 91 Resp: 636831

Ion Ratio Lower Upper

91 100

92 55.8 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 27.039 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.006 min

Lab File: VD075932.D

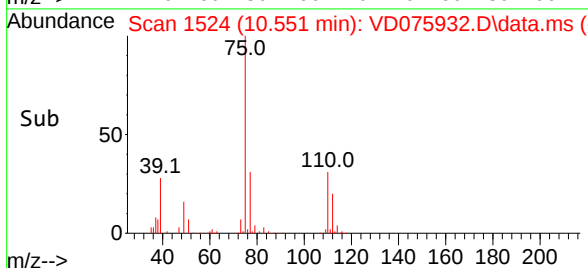
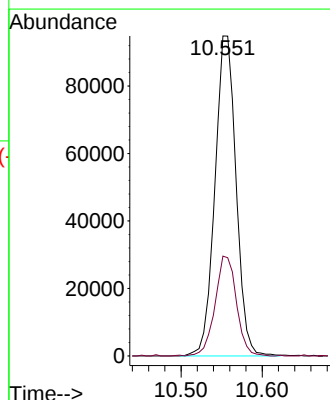
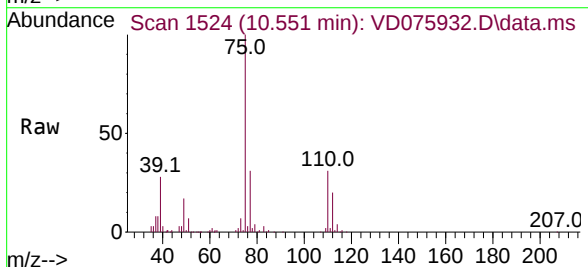
Acq: 01 May 2023 11:10

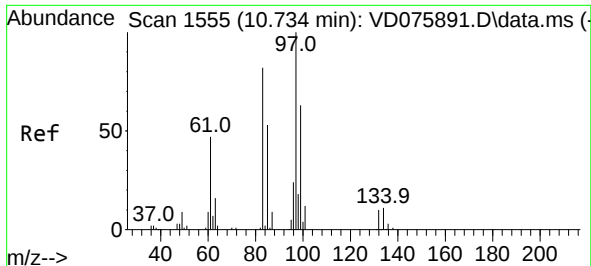
Tgt Ion: 75 Resp: 171858

Ion Ratio Lower Upper

75 100

77 31.2 22.0 41.0

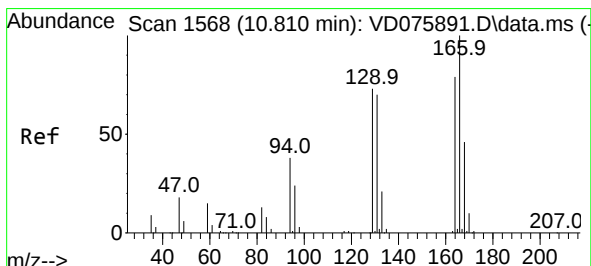
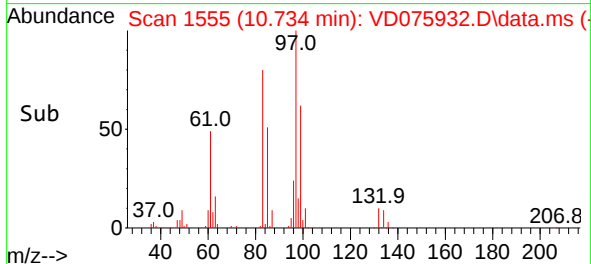
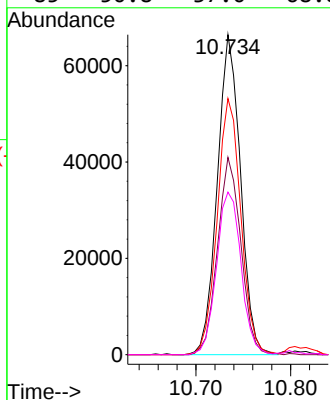
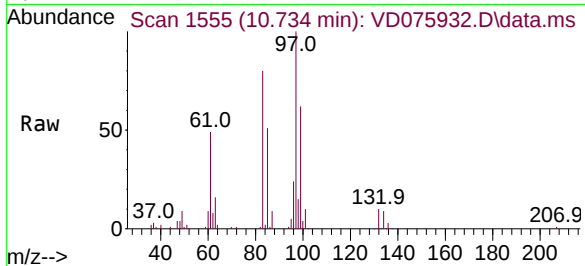




#45
1,1,2-Trichloroethane
Concen: 26.766 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075932.D
Acq: 01 May 2023 11:10

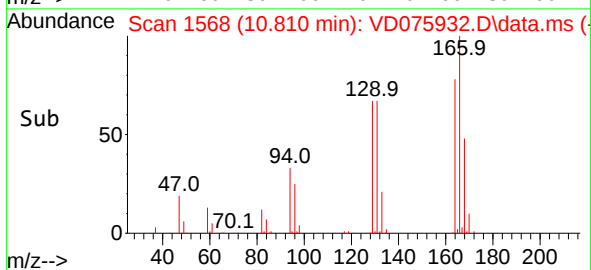
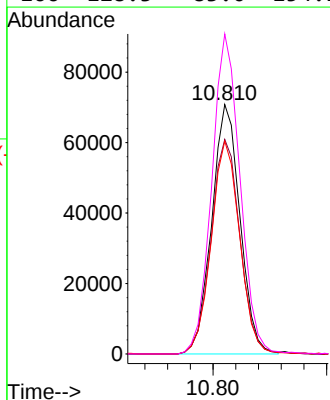
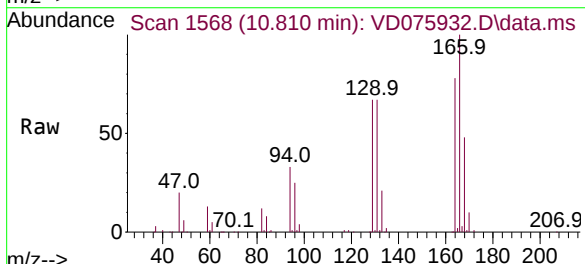
Instrument :
MSVOA_D
ClientSampleId :

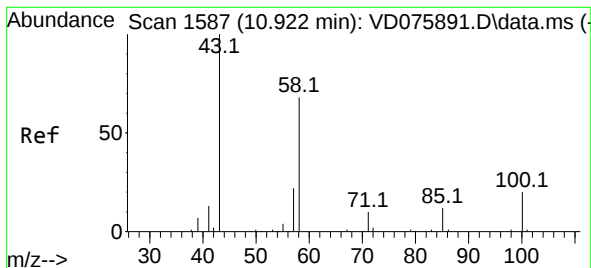
Tgt Ion: 97	Resp: 113283
Ion Ratio	Lower Upper
97 100	
99 61.6	42.2 78.4
83 80.0	54.8 101.8
85 50.8	37.0 68.8



#46
Tetrachloroethene
Concen: 26.665 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075932.D
Acq: 01 May 2023 11:10

Tgt	Ion:164	Resp:	122494
Ion	Ratio	Lower	Upper
164	100		
129	86.0	60.3	112.1
131	85.3	58.9	109.3
166	128.3	83.0	154.1





#48

2-Hexanone

Concen: 62.712 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

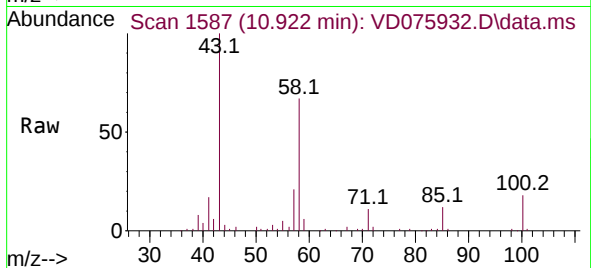
Lab File: VD075932.D

Acq: 01 May 2023 11:10

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 80190

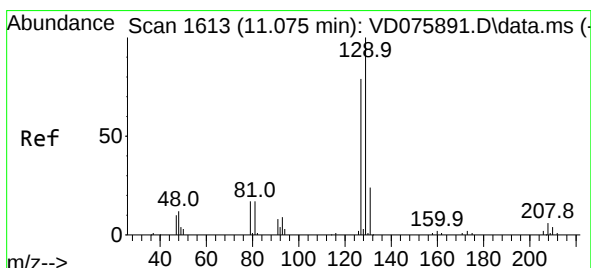
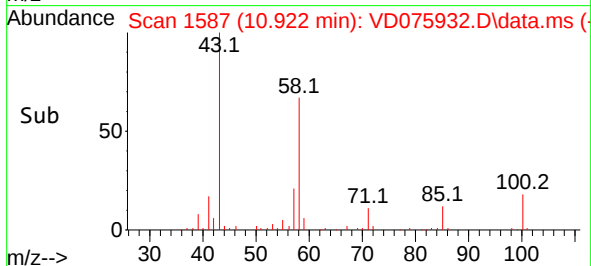
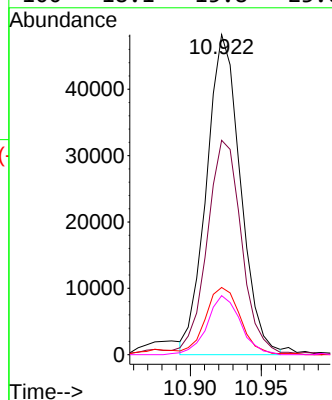
Ion Ratio Lower Upper

43 100

58 68.2 59.7 89.5

57 21.0 17.9 26.9

100 18.1 15.8 23.6



#49

Dibromochloromethane

Concen: 26.605 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD075932.D

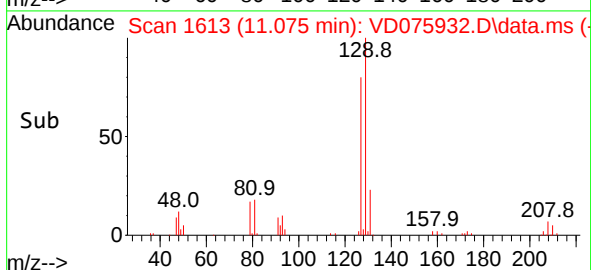
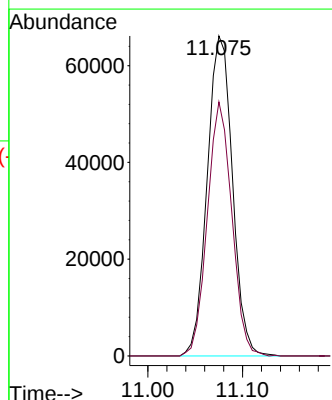
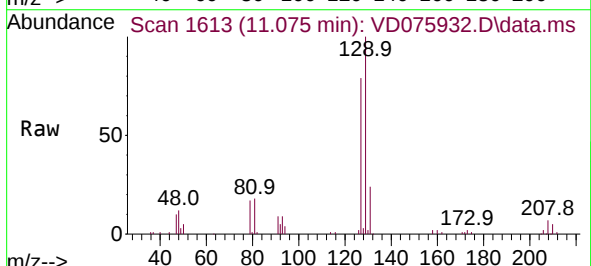
Acq: 01 May 2023 11:10

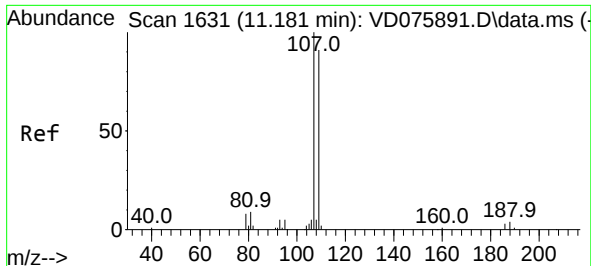
Tgt Ion: 129 Resp: 122581

Ion Ratio Lower Upper

129 100

127 79.4 55.6 103.4

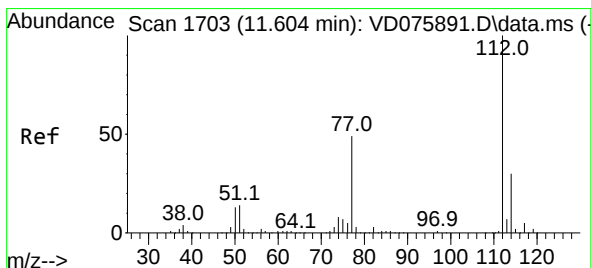
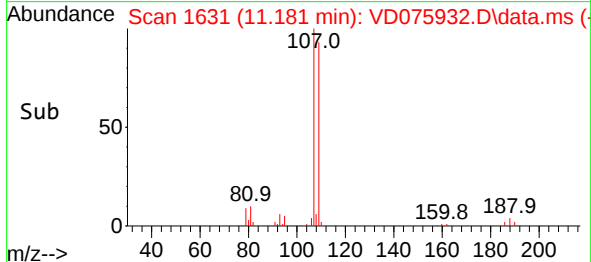
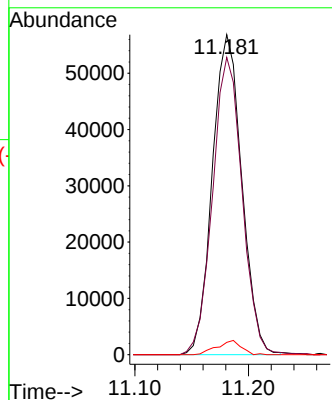
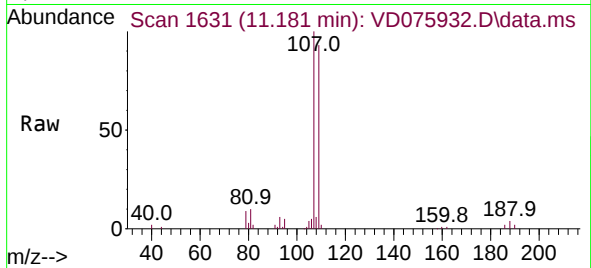




#50
1,2-Dibromoethane
Concen: 26.814 ug/L
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD075932.D
Acq: 01 May 2023 11:10

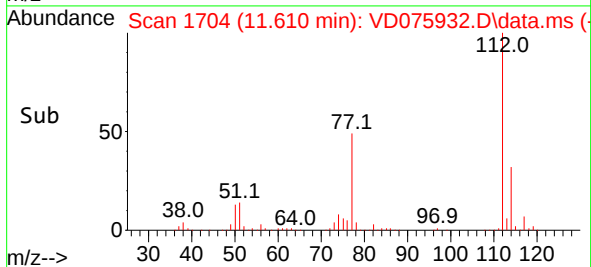
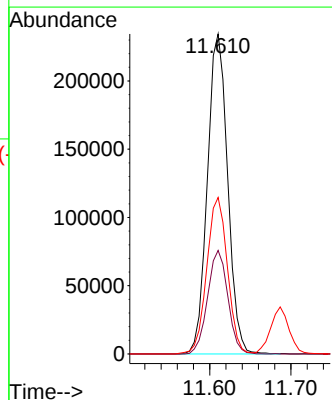
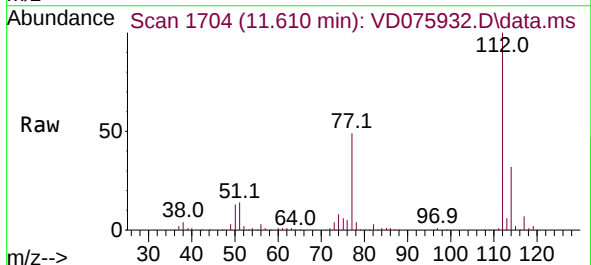
Instrument :
MSVOA_D
ClientSampleId :

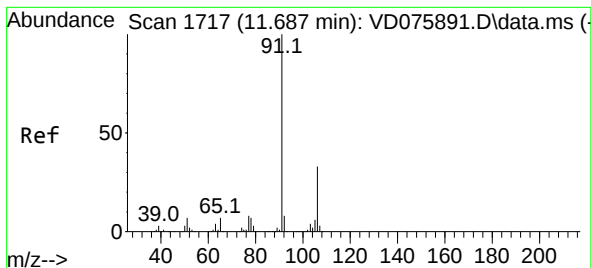
Tgt Ion:107 Resp: 102316
Ion Ratio Lower Upper
107 100
109 92.9 67.6 125.6
188 3.9 3.0 4.6



#51
Chlorobenzene
Concen: 26.487 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075932.D
Acq: 01 May 2023 11:10

Tgt Ion:112 Resp: 406115
Ion Ratio Lower Upper
112 100
114 32.4 23.0 42.8
77 48.9 39.7 59.5





#52

Ethylbenzene

Concen: 26.645 ug/L

RT: 11.687 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD075932.D

Acq: 01 May 2023 11:10

Instrument :

MSVOA_D

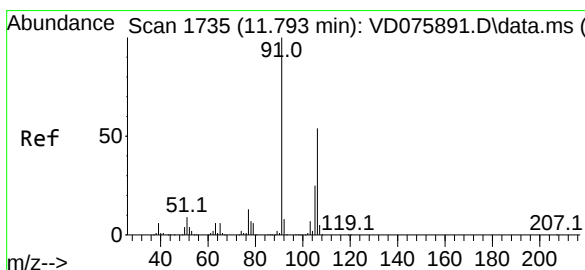
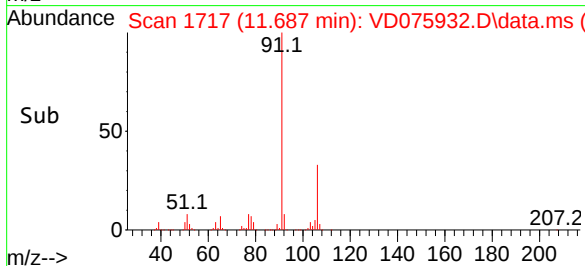
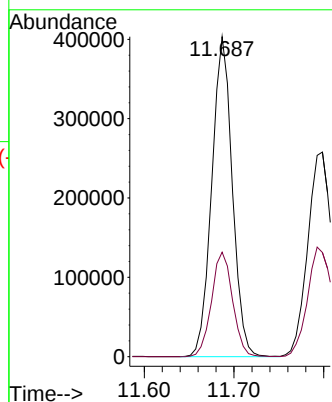
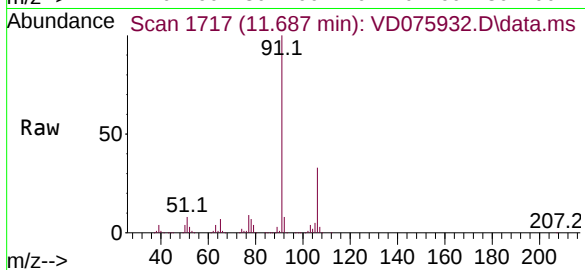
ClientSampleId :

Tgt Ion: 91 Resp: 640360

Ion Ratio Lower Upper

91 100

106 32.6 23.7 43.9



#53

m,p-Xylene

Concen: 27.723 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. -0.006 min

Lab File: VD075932.D

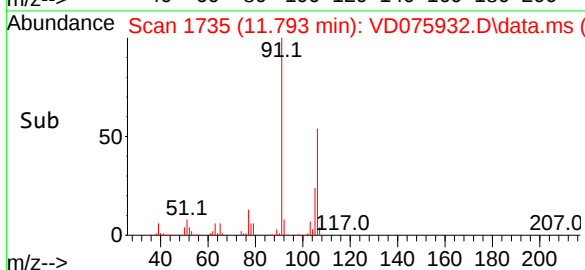
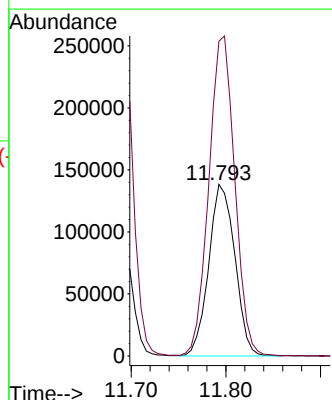
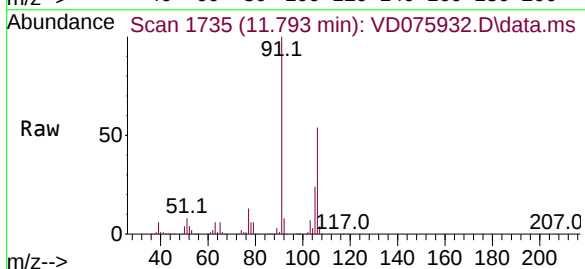
Acq: 01 May 2023 11:10

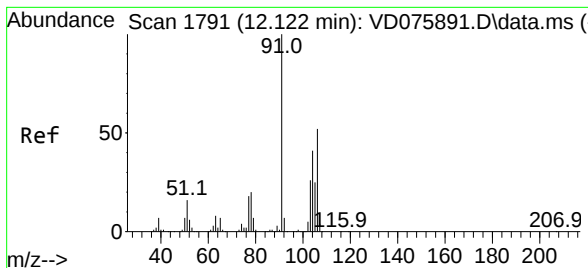
Tgt Ion:106 Resp: 265300

Ion Ratio Lower Upper

106 100

91 183.6 130.9 243.1

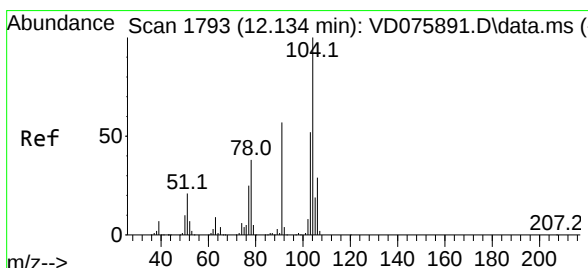
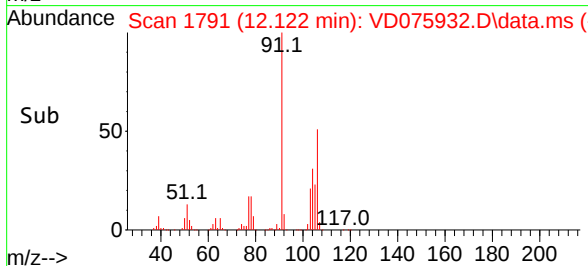
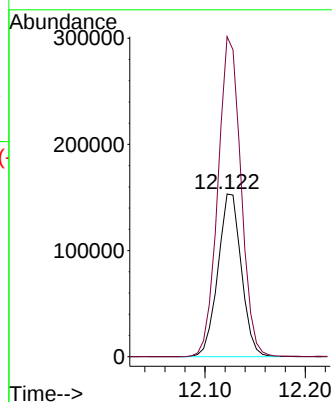
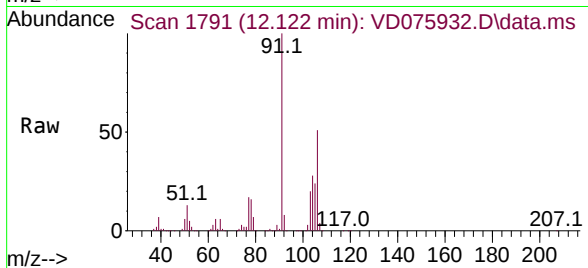




#54
o-Xylene
Concen: 27.301 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075932.D
Acq: 01 May 2023 11:10

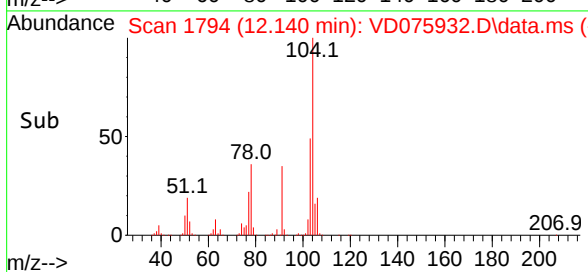
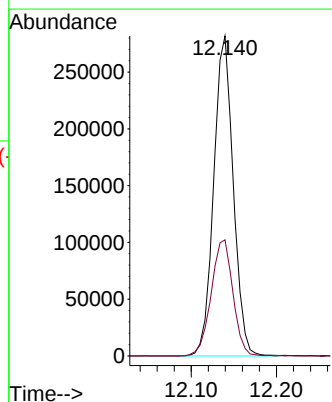
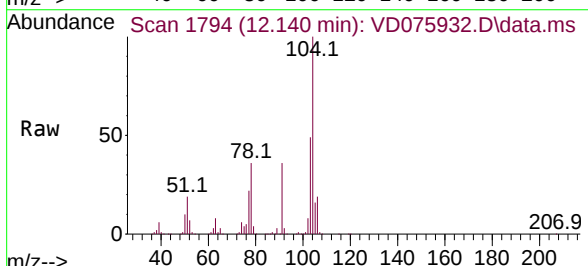
Instrument :
MSVOA_D
ClientSampleId :

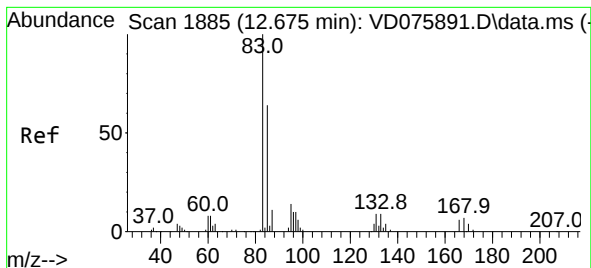
Tgt Ion:106 Resp: 248150
Ion Ratio Lower Upper
106 100
91 196.6 139.8 259.6



#55
Styrene
Concen: 28.364 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD075932.D
Acq: 01 May 2023 11:10

Tgt Ion:104 Resp: 448713
Ion Ratio Lower Upper
104 100
78 36.3 26.2 48.6





#57

1,1,2,2-Tetrachloroethane

Concen: 27.731 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD075932.D

Acq: 01 May 2023 11:10

Instrument :

MSVOA_D

ClientSampleId :

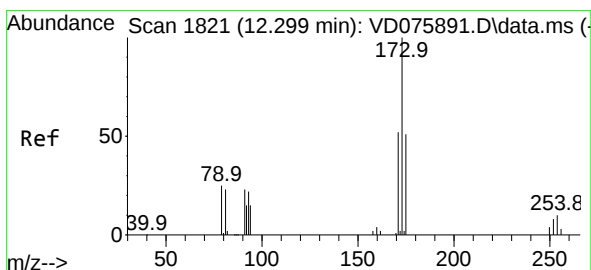
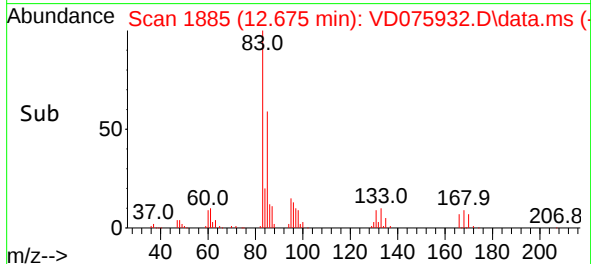
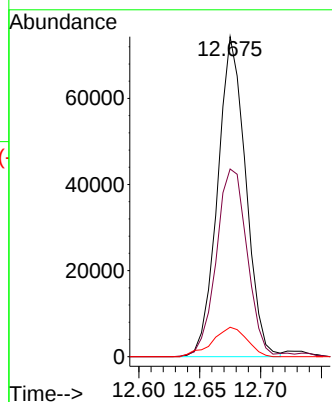
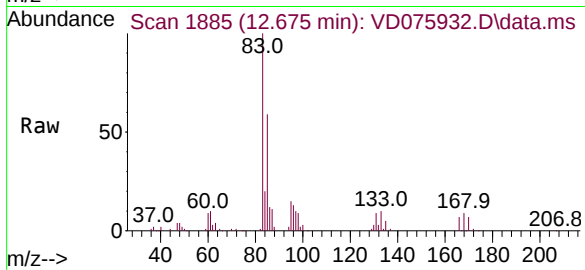
Tgt Ion: 83 Resp: 119417

Ion Ratio Lower Upper

83 100

85 58.7 45.1 83.7

131 9.2 7.0 10.6



#59

Bromoform

Concen: 26.488 ug/L

RT: 12.304 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VD075932.D

Acq: 01 May 2023 11:10

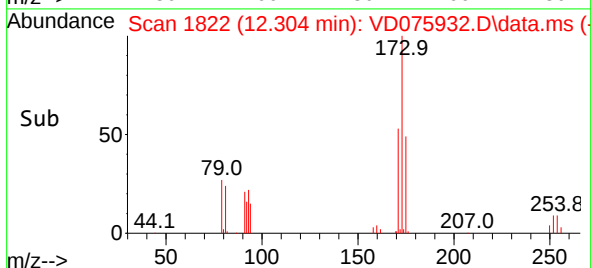
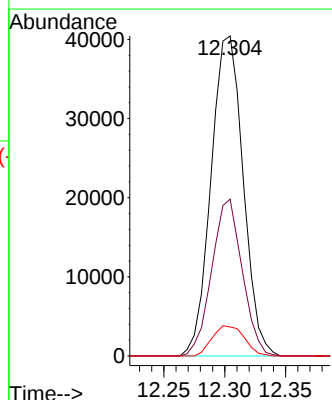
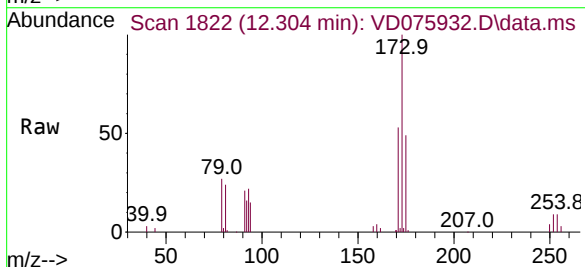
Tgt Ion:173 Resp: 74268

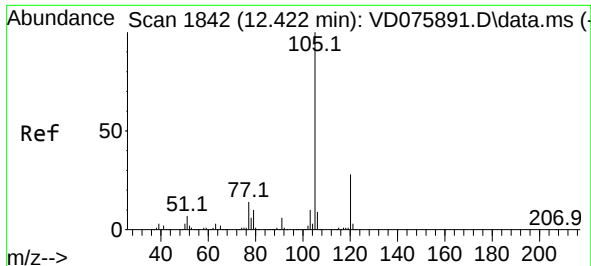
Ion Ratio Lower Upper

173 100

175 46.5 39.4 59.0

254 9.4 7.4 11.2

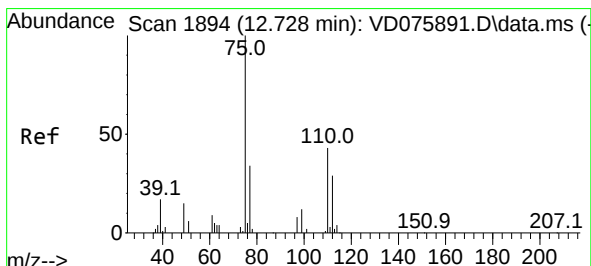
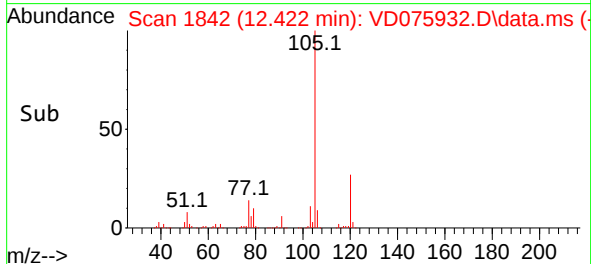
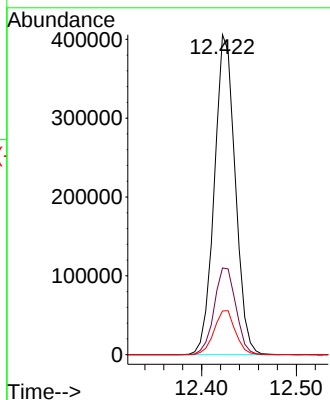
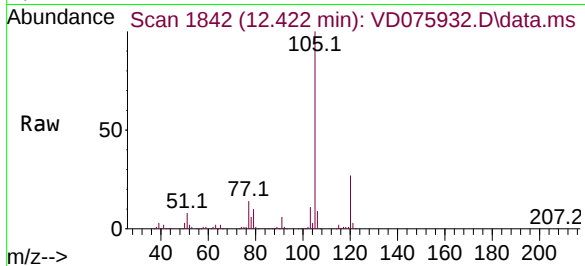




#60
Isopropylbenzene
Concen: 25.600 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075932.D
Acq: 01 May 2023 11:10

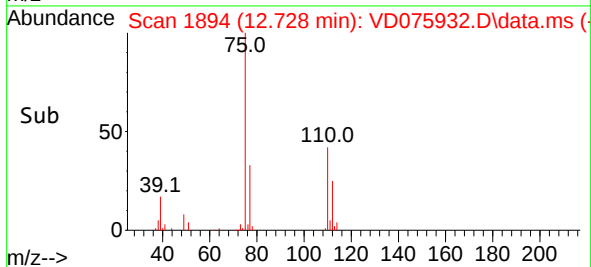
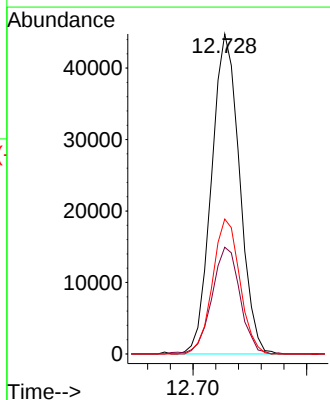
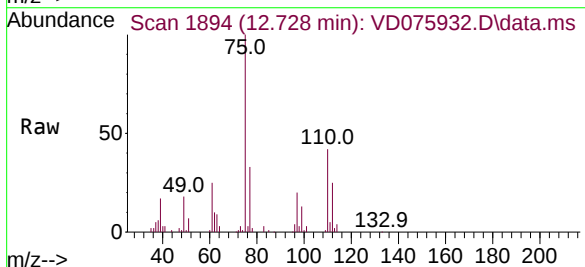
Instrument :
MSVOA_D
ClientSampleId :

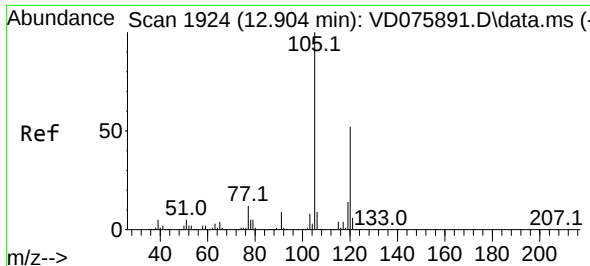
Tgt Ion:105 Resp: 621014
Ion Ratio Lower Upper
105 100
120 28.3 22.7 34.1
77 14.1 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 26.678 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075932.D
Acq: 01 May 2023 11:10

Tgt Ion: 75 Resp: 76672
Ion Ratio Lower Upper
75 100
77 33.3 26.6 39.8
110 41.0 33.5 50.3

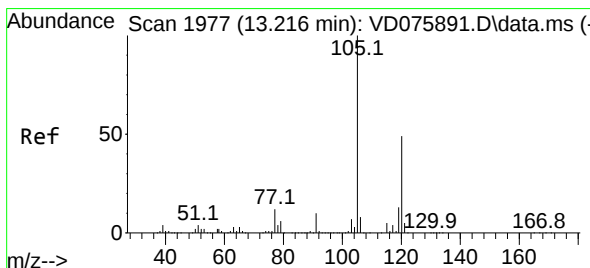
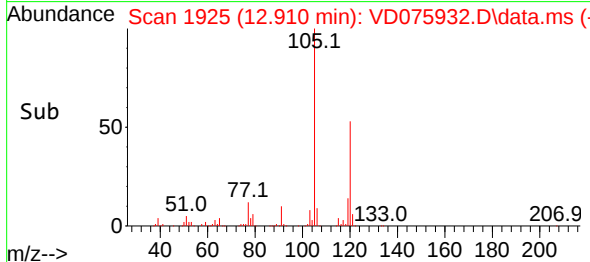
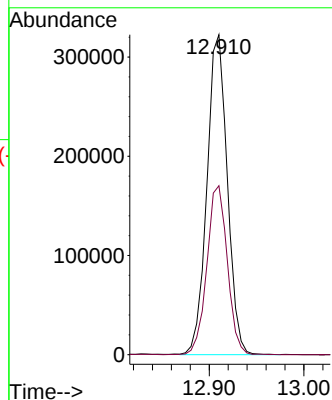
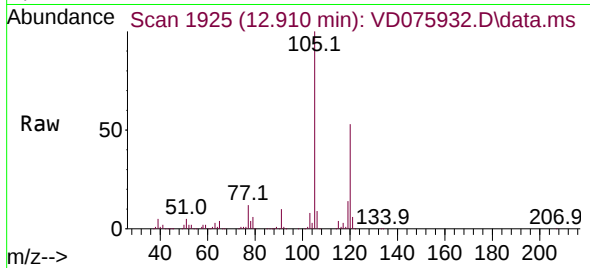




#62
 1,3,5-Trimethylbenzene
 Concen: 26.651 ug/L
 RT: 12.910 min Scan# 1924
 Delta R.T. 0.006 min
 Lab File: VD075932.D
 Acq: 01 May 2023 11:10

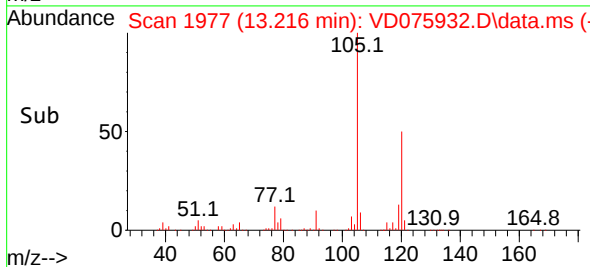
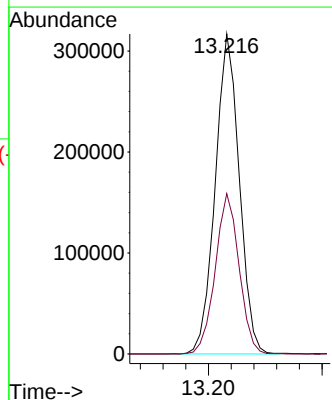
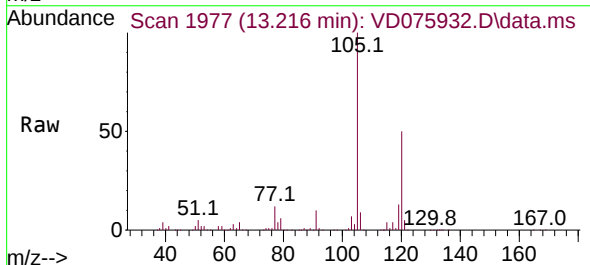
Instrument :
 MSVOA_D
 ClientSampleId :

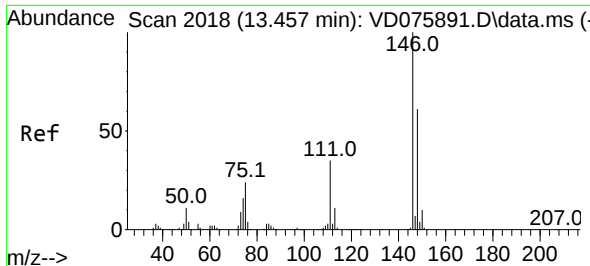
Tgt Ion:105 Resp: 482095
 Ion Ratio Lower Upper
 105 100
 120 52.9 42.0 63.0



#63
 1,2,4-Trimethylbenzene
 Concen: 26.717 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.000 min
 Lab File: VD075932.D
 Acq: 01 May 2023 11:10

Tgt Ion:105 Resp: 465867
 Ion Ratio Lower Upper
 105 100
 120 49.6 39.0 58.6

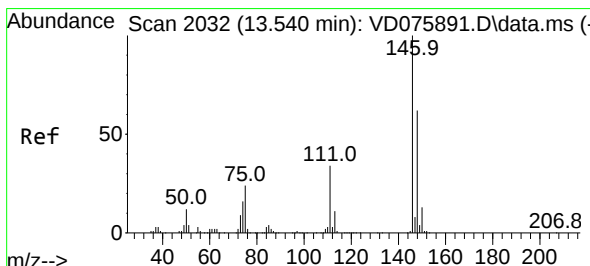
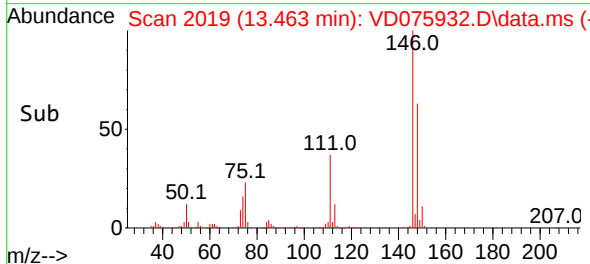
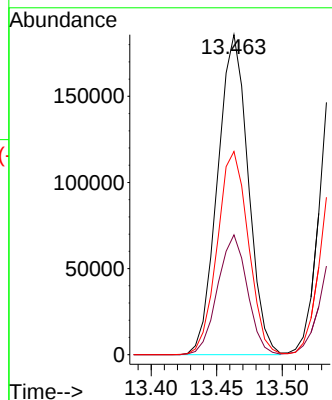
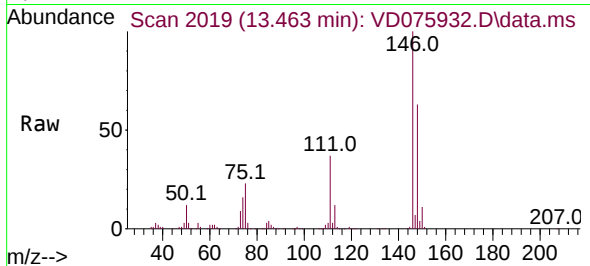




#64
1,3-Dichlorobenzene
Concen: 25.997 ug/L
RT: 13.463 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD075932.D
Acq: 01 May 2023 11:10

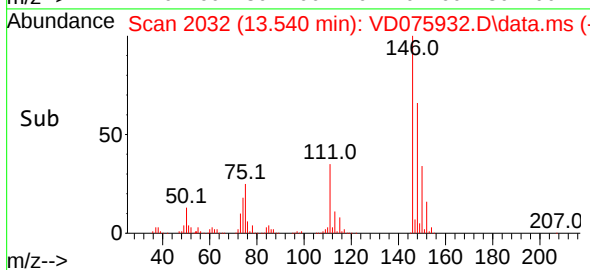
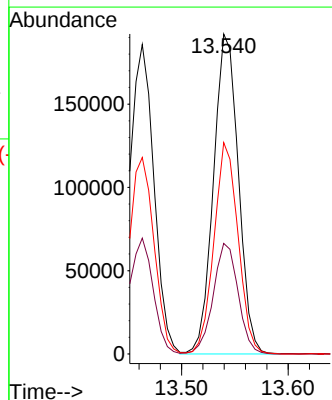
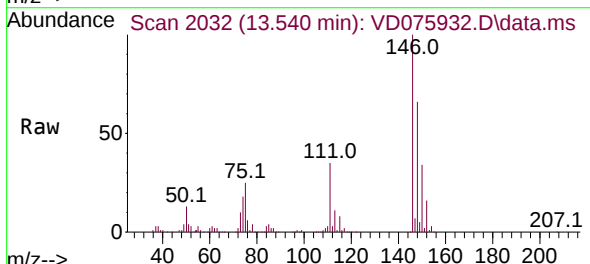
Instrument :
MSVOA_D
ClientSampleId :

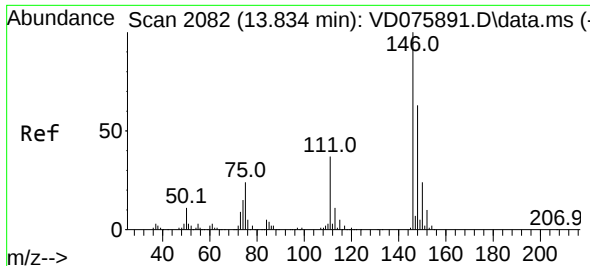
Tgt Ion:146 Resp: 301743
Ion Ratio Lower Upper
146 100
111 37.5 26.5 49.1
148 63.5 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 25.642 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075932.D
Acq: 01 May 2023 11:10

Tgt Ion:146 Resp: 312361
Ion Ratio Lower Upper
146 100
111 34.6 24.6 45.8
148 66.0 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 25.810 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075932.D

Acq: 01 May 2023 11:10

Instrument :

MSVOA_D

ClientSampleId :

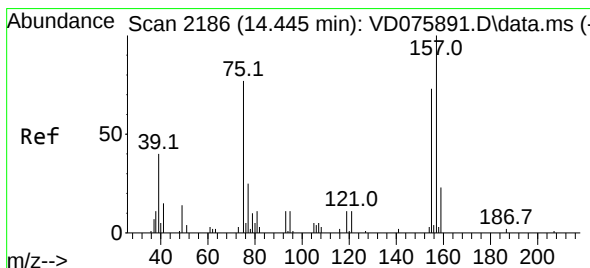
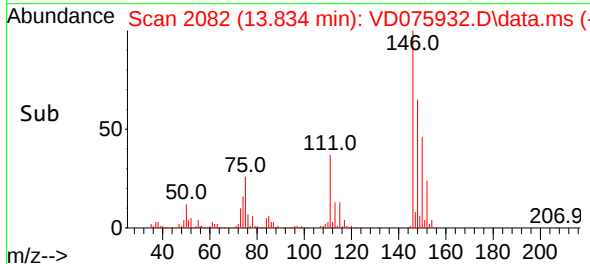
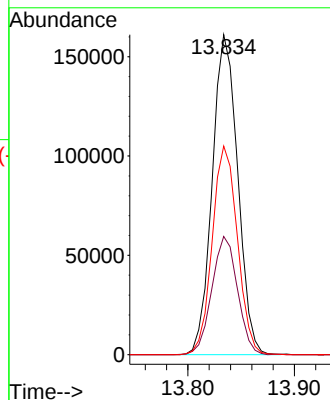
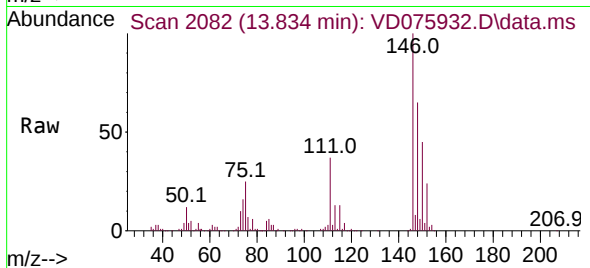
Tgt Ion:146 Resp: 267533

Ion Ratio Lower Upper

146 100

111 36.9 30.6 46.0

148 65.2 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 26.843 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD075932.D

Acq: 01 May 2023 11:10

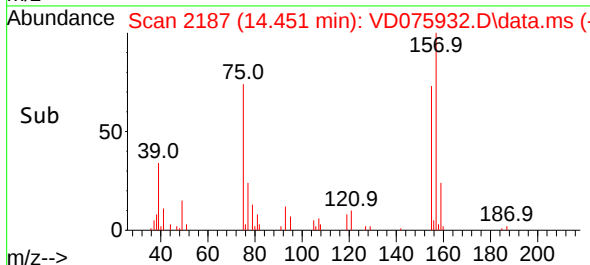
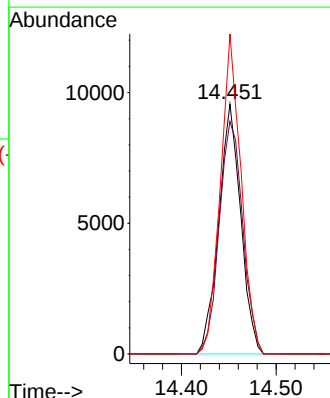
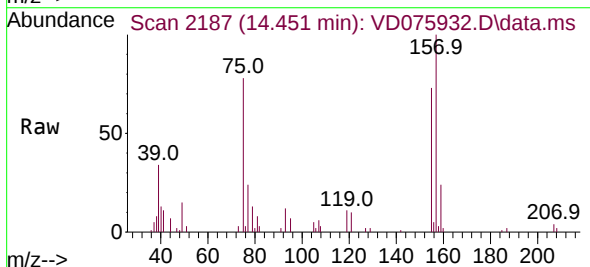
Tgt Ion: 75 Resp: 15422

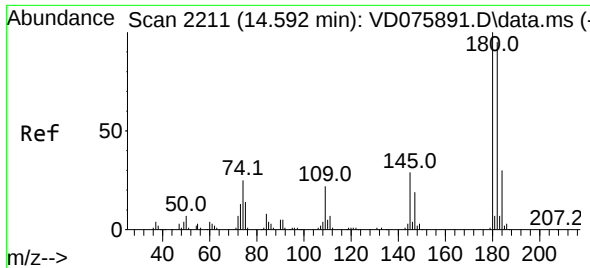
Ion Ratio Lower Upper

75 100

155 93.1 74.6 111.8

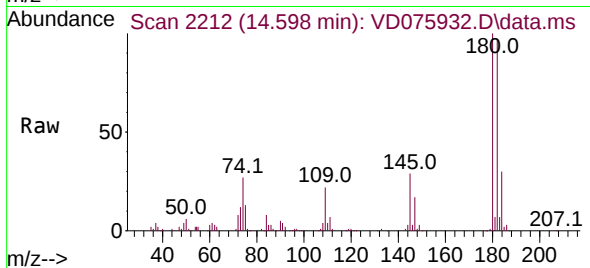
157 128.1 109.4 164.2



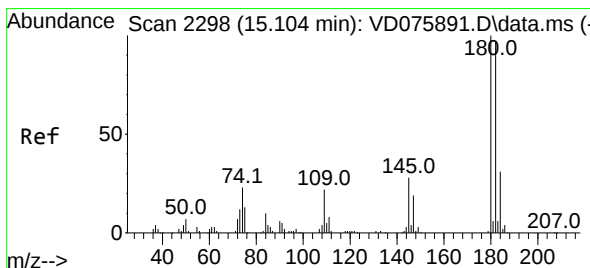
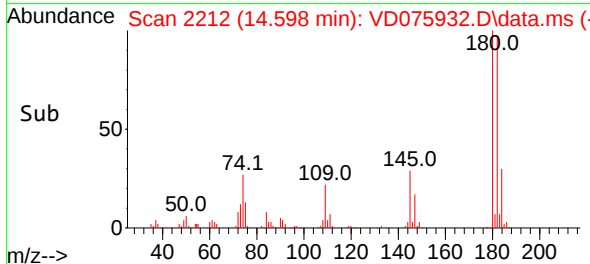
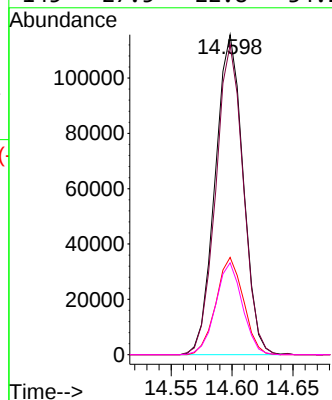


#69
 1,3,5-Trichlorobenzene
 Concen: 23.722 ug/L
 RT: 14.598 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD075932.D
 Acq: 01 May 2023 11:10

Instrument :
 MSVOA_D
 ClientSampleId :

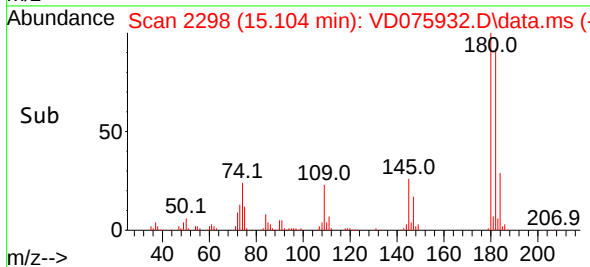
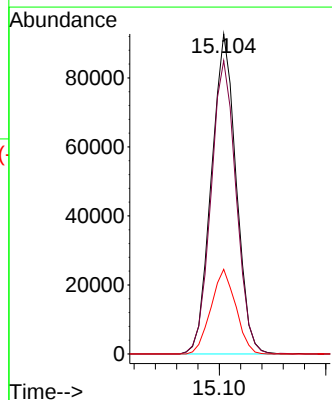
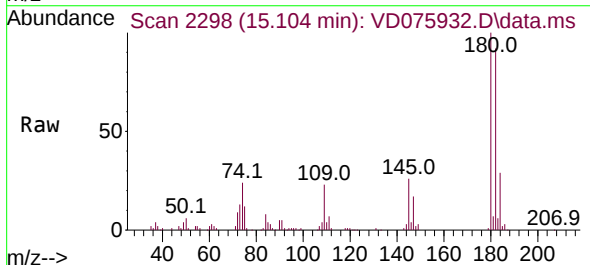


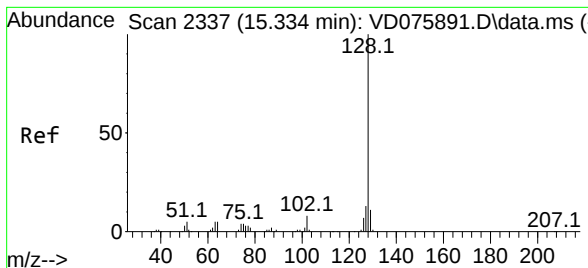
Tgt Ion:180 Resp: 184550
 Ion Ratio Lower Upper
 180 100
 182 95.4 74.9 112.3
 184 29.8 25.0 37.4
 145 27.5 22.8 34.2



#70
 1,2,4-trichlorobenzene
 Concen: 23.158 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.000 min
 Lab File: VD075932.D
 Acq: 01 May 2023 11:10

Tgt Ion:180 Resp: 149304
 Ion Ratio Lower Upper
 180 100
 182 93.1 75.4 113.2
 145 26.5 23.6 35.4





#71

Naphthalene

Concen: 23.709 ug/L

RT: 15.339 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD075932.D

Acq: 01 May 2023 11:10

Instrument :

MSVOA_D

ClientSampleId :

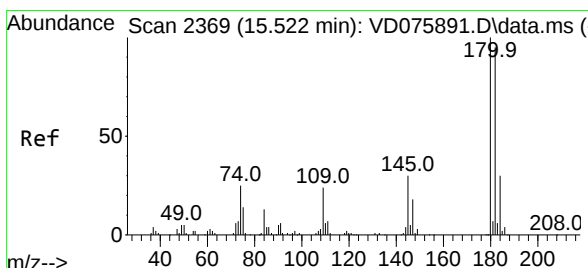
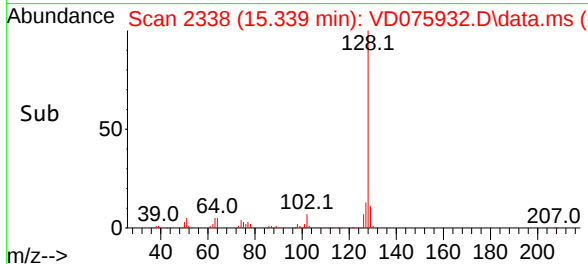
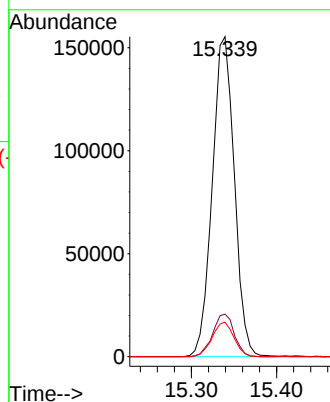
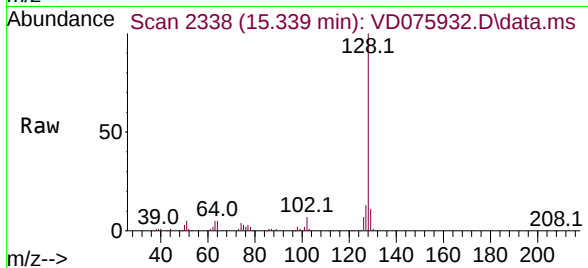
Tgt Ion:128 Resp: 279718

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.7 9.1 13.7



#72

1,2,3-Trichlorobenzene

Concen: 24.750 ug/L

RT: 15.528 min Scan# 2370

Delta R.T. 0.006 min

Lab File: VD075932.D

Acq: 01 May 2023 11:10

Tgt Ion:180 Resp: 142433

Ion Ratio Lower Upper

180 100

182 93.0 76.3 114.5

145 29.3 25.0 37.6

