

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042523\
 Data File : VD075822.D
 Acq On : 25 Apr 2023 20:20
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025131

Quant Time: Apr 26 02:45:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 26 02:39:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	369376	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	338052	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	168478	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	206589	25.495	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.960%
7) Chloroethane-d5	2.805	69	174156	24.875	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.480%
11) 1,1-Dichloroethene-d2	3.917	65	47189	25.260	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.040%
21) 2-Butanone-d5	6.987	46	36738	52.225	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.460%
24) Chloroform-d	7.569	84	239395	25.917	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.680%
26) 1,2-Dichloroethane-d4	8.234	65	103105	26.139	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.560%
32) Benzene-d6	8.205	84	512309	26.001	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	9.210	67	140377	25.740	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.960%
41) Toluene-d8	10.269	98	483380	26.205	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.840%
43) trans-1,3-Dichloroprop...	10.528	79	57169	25.361	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.440%
47) 2-Hexanone-d5	10.881	63	35337	53.814	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.620%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	108311	25.954	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	13.816	152	150871	25.317	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	135212	26.553	ug/L	99
3) Chloromethane	2.146	50	183193	25.807	ug/L	99
5) Vinyl chloride	2.287	62	224628	24.212	ug/L	97
6) Bromomethane	2.699	94	159905	25.651	ug/L	97
8) Chloroethane	2.840	64	148757	24.793	ug/L	96
9) Trichlorofluoromethane	3.175	101	184178	24.708	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	127980	25.555	ug/L	99
12) 1,1-Dichloroethene	3.946	96	124215	25.576	ug/L	84
13) Acetone	4.022	43	27825	46.221	ug/L	99
14) Carbon disulfide	4.270	76	422446	24.903	ug/L	99
15) Methyl Acetate	4.564	43	34031	26.084	ug/L #	55
16) Methylene chloride	4.799	84	154204	20.579	ug/L	96
17) trans-1,2-Dichloroethene	5.317	96	138296	25.395	ug/L	94
18) Methyl tert-butyl Ether	5.317	73	224045	25.647	ug/L	99
19) 1,1-Dichloroethane	6.111	63	203074	25.455	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	149725	26.001	ug/L	97
22) 2-Butanone	7.087	43	41697	53.130	ug/L	99
23) Bromochloromethane	7.428	128	71073	26.614	ug/L	97
25) Chloroform	7.599	83	225716	25.245	ug/L	99

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 Response via : Initial Calibration

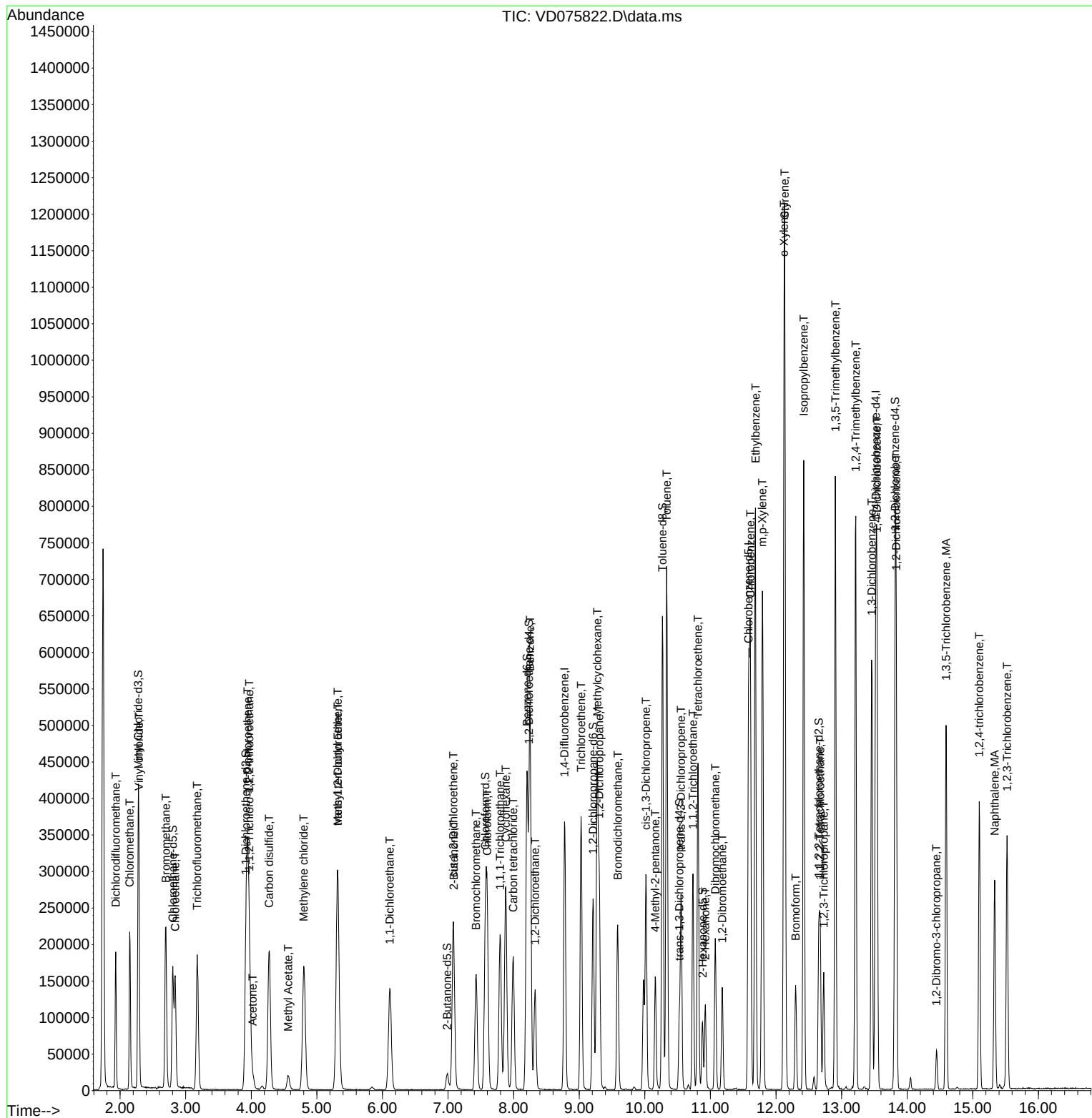
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	122255	26.489	ug/L	100
29) Cyclohexane	7.881	56	149991	25.918	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	183035	25.591	ug/L	99
31) Carbon tetrachloride	7.993	117	146816	25.585	ug/L	98
33) Benzene	8.252	78	529325	25.886	ug/L	100
34) Trichloroethene	9.028	95	132981	25.147	ug/L	94
35) Methylcyclohexane	9.275	83	206624	25.343	ug/L	99
37) 1,2-Dichloropropane	9.305	63	121882	25.948	ug/L	98
38) Bromodichloromethane	9.587	83	162759	25.698	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	191317	25.611	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	91655	53.519	ug/L	99
42) Toluene	10.334	91	588202	26.581	ug/L	97
44) trans-1,3-Dichloropropene	10.552	75	158245	26.370	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	100074	25.043	ug/L	99
46) Tetrachloroethene	10.810	164	111035	25.600	ug/L	96
48) 2-Hexanone	10.922	43	63059	52.231	ug/L	96
49) Dibromochloromethane	11.075	129	116180	26.706	ug/L	94
50) 1,2-Dibromoethane	11.181	107	95682	26.558	ug/L	97
51) Chlorobenzene	11.610	112	379148	26.191	ug/L	99
52) Ethylbenzene	11.687	91	597002	26.310	ug/L	100
53) m,p-Xylene	11.793	106	242123	26.797	ug/L	99
54) o-Xylene	12.122	106	233006	27.151	ug/L	97
55) Styrene	12.134	104	409462	27.413	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	105758	26.011	ug/L	99
59) Bromoform	12.299	173	66674	25.822	ug/L	100
60) Isopropylbenzene	12.422	105	576262	25.795	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	67084	25.347	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	448873	26.946	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	438486	27.306	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	278881	26.091	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	283779	25.296	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	250822	26.277	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	12842	24.272	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.592	180	167269	23.347	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	136535	22.997	ug/L	98
71) Naphthalene	15.334	128	265786	24.463	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	128137	24.178	ug/L	99

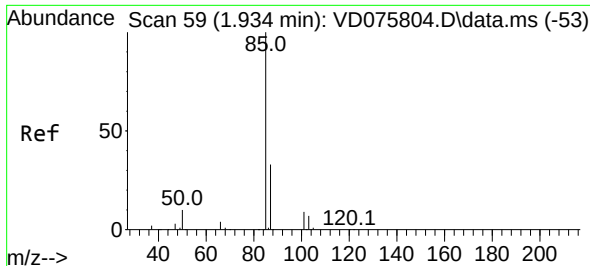
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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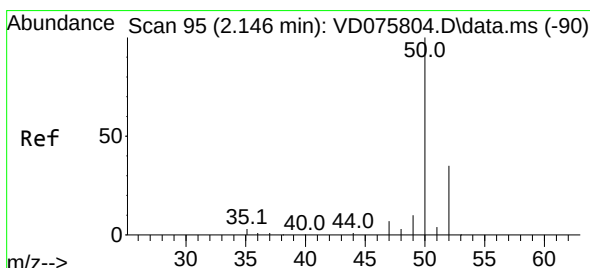
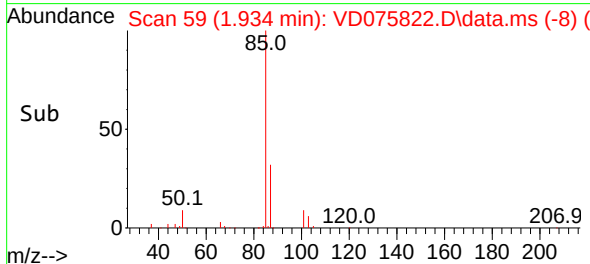
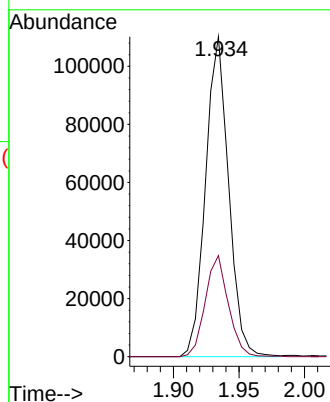
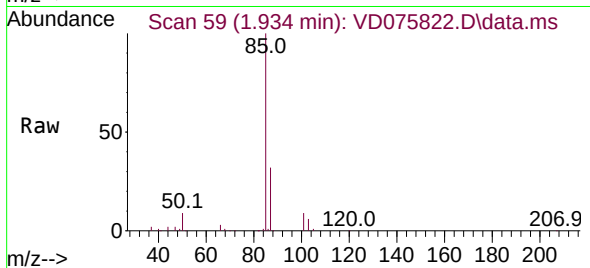




#2
Dichlorodifluoromethane
Concen: 26.553 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075822.D
Acq: 25 Apr 2023 20:20

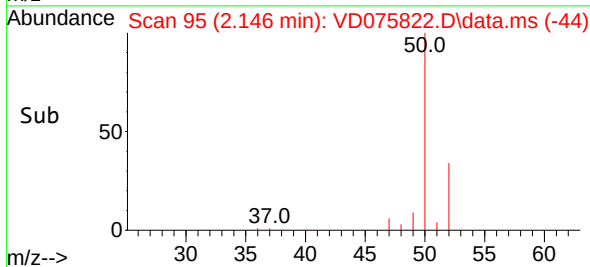
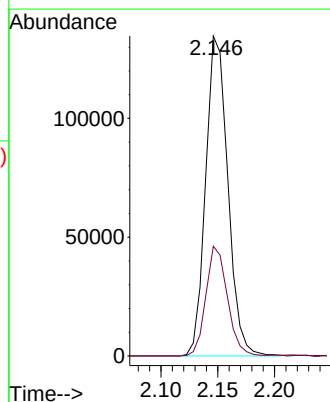
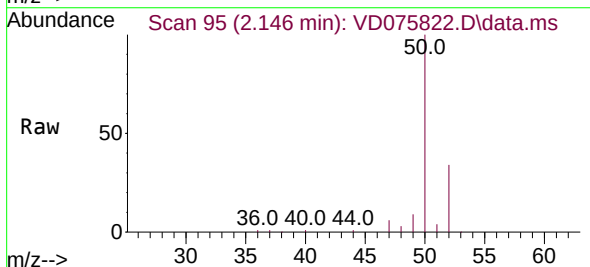
Instrument :
MSVOA_D
ClientSampleId :
VSTD025131

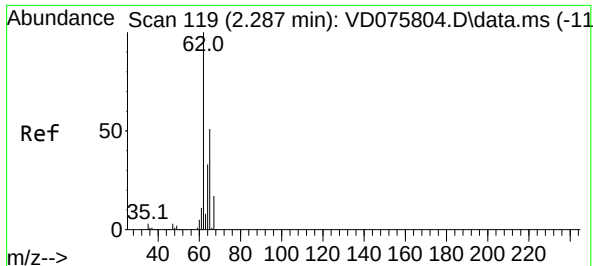
Tgt Ion: 85 Resp: 135212
Ion Ratio Lower Upper
85 100
87 31.5 25.8 38.8



#3
Chloromethane
Concen: 25.807 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075822.D
Acq: 25 Apr 2023 20:20

Tgt Ion: 50 Resp: 183193
Ion Ratio Lower Upper
50 100
52 34.3 23.7 44.1

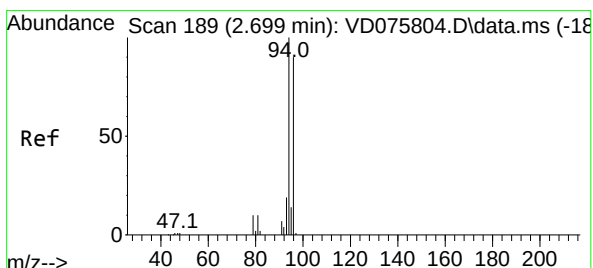
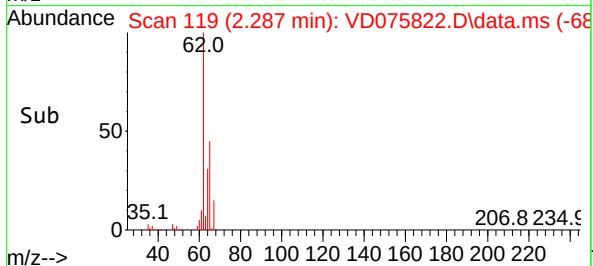
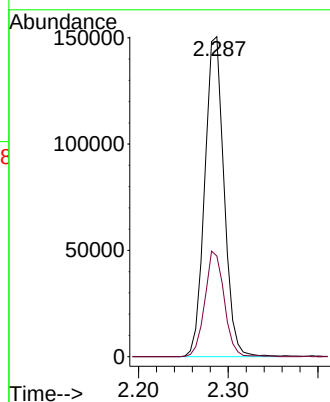
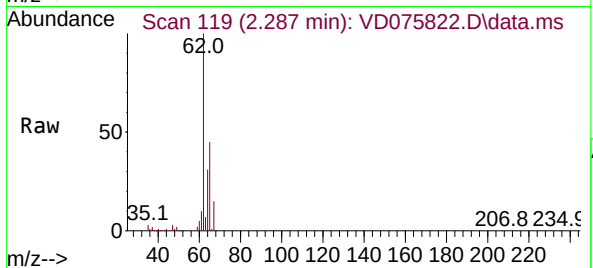




#5
 Vinyl chloride
 Concen: 24.212 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD075822.D
 Acq: 25 Apr 2023 20:20

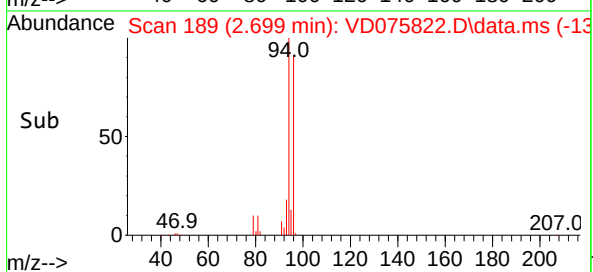
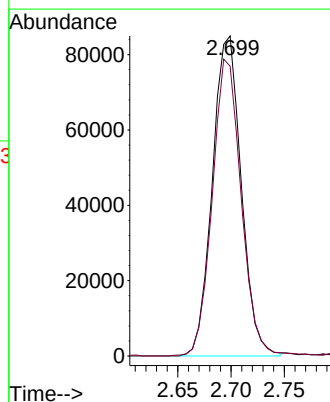
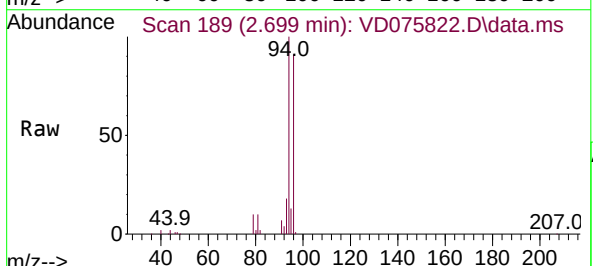
Instrument :
 MSVOA_D
 ClientSampleId :
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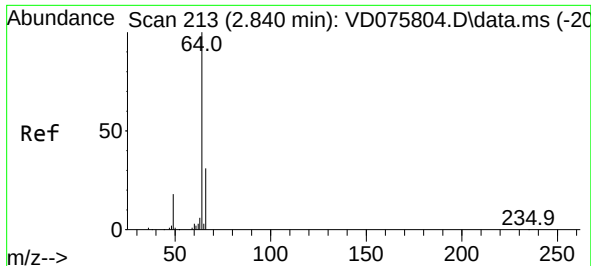
Tgt Ion: 62 Resp: 224628
 Ion Ratio Lower Upper
 62 100
 64 31.4 23.2 43.0



#6
 Bromomethane
 Concen: 25.651 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.000 min
 Lab File: VD075822.D
 Acq: 25 Apr 2023 20:20

Tgt Ion: 94 Resp: 159905
 Ion Ratio Lower Upper
 94 100
 96 90.6 65.7 121.9

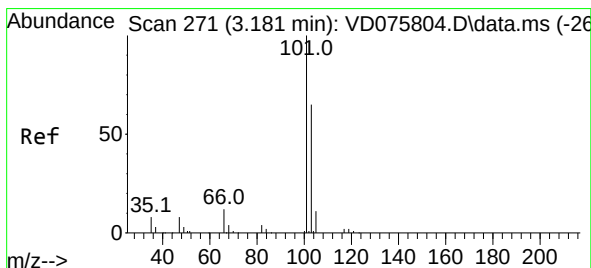
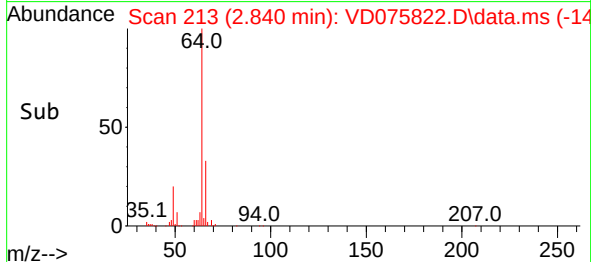
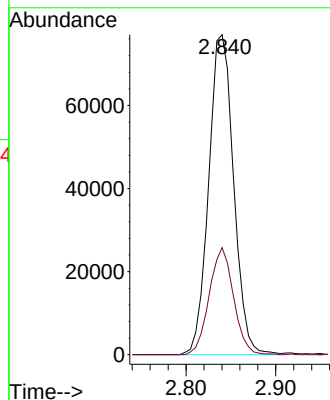
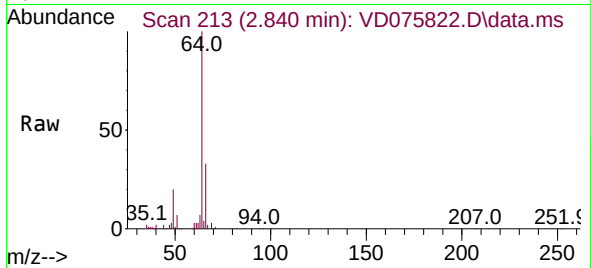




#8
Chloroethane
Concen: 24.793 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075822.D
Acq: 25 Apr 2023 20:20

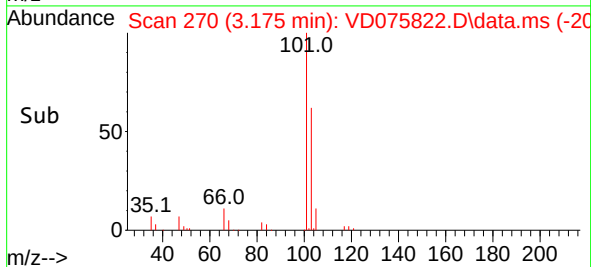
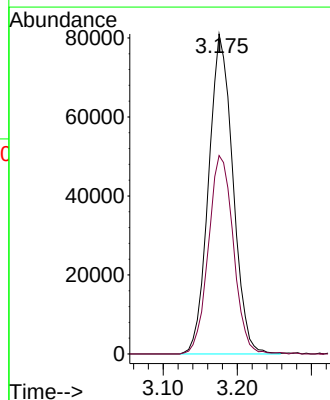
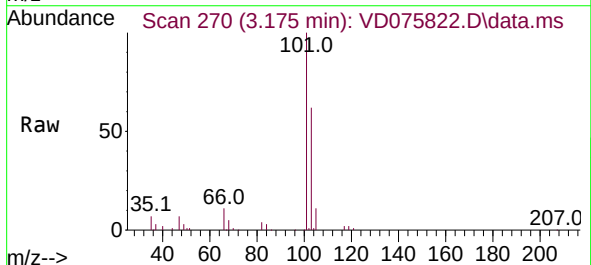
Instrument :
MSVOA_D
ClientSampleId :
VSTD025131

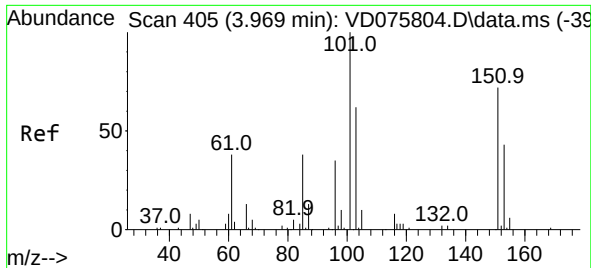
Tgt Ion: 64 Resp: 148757
Ion Ratio Lower Upper
64 100
66 33.5 21.8 40.4



#9
Trichlorofluoromethane
Concen: 24.708 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD075822.D
Acq: 25 Apr 2023 20:20

Tgt Ion: 101 Resp: 184178
Ion Ratio Lower Upper
101 100
103 63.6 52.2 78.4

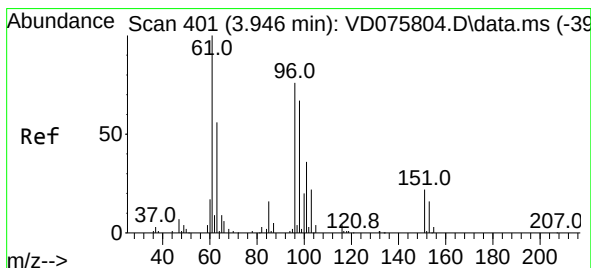
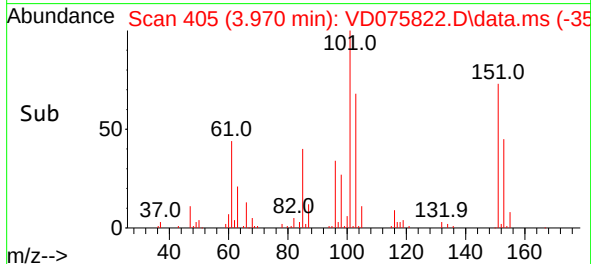
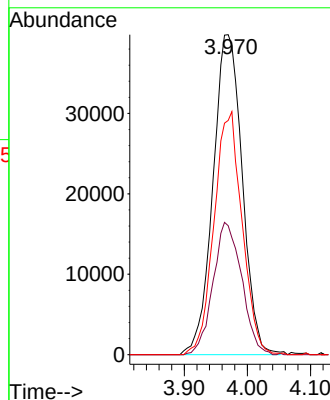
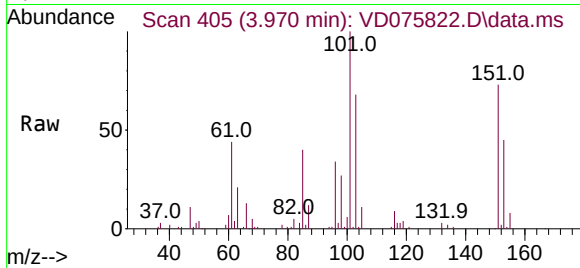




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.555 ug/L
 RT: 3.970 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD075822.D
 Acq: 25 Apr 2023 20:20

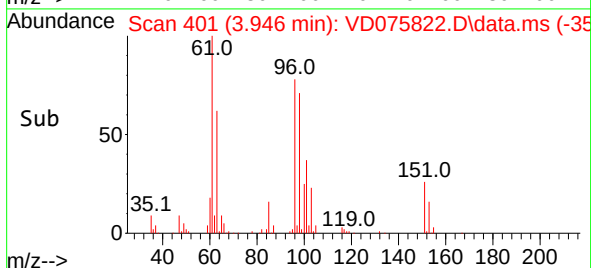
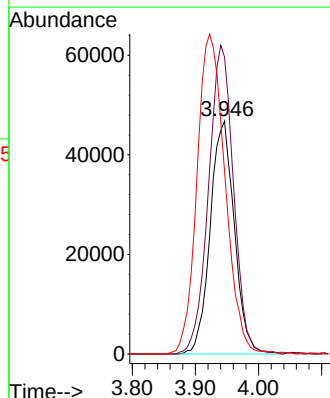
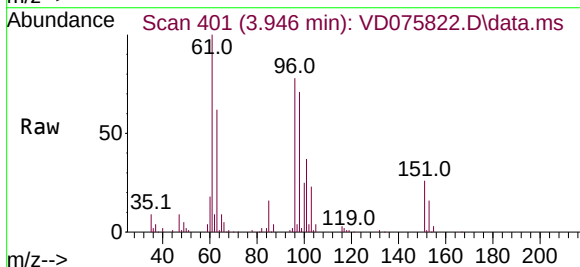
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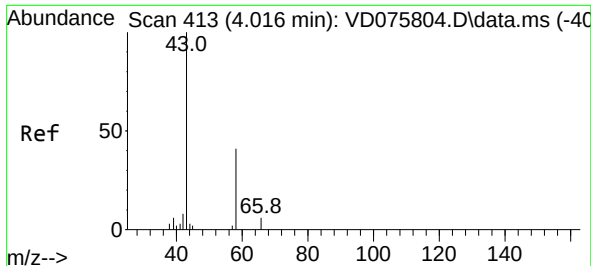
Tgt Ion:101 Resp: 127980
 Ion Ratio Lower Upper
 101 100
 85 40.4 32.9 49.3
 151 72.9 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 25.576 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VD075822.D
 Acq: 25 Apr 2023 20:20

Tgt Ion: 96 Resp: 124215
 Ion Ratio Lower Upper
 96 100
 61 127.5 92.6 172.0
 63 78.7 77.4 143.8





#13

Acetone

Concen: 46.221 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD075822.D

Acq: 25 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

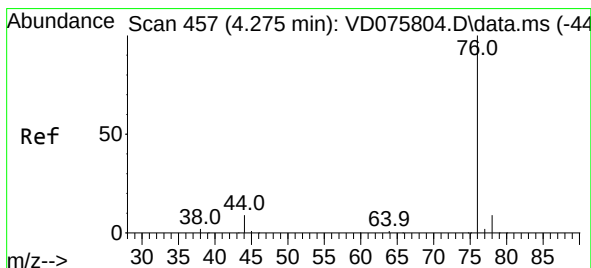
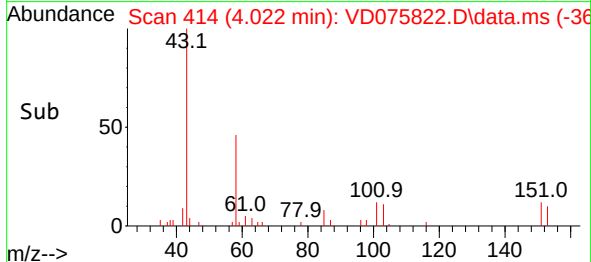
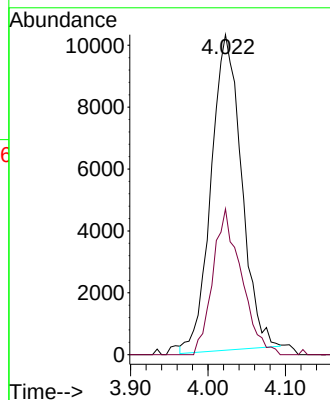
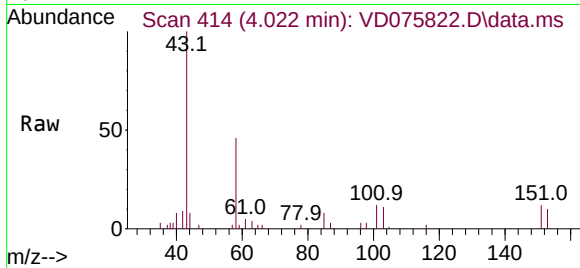
VSTD025131

Tgt Ion: 43 Resp: 27825

Ion Ratio Lower Upper

43 100

58 42.8 0.0 87.4



#14

Carbon disulfide

Concen: 24.903 ug/L

RT: 4.270 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD075822.D

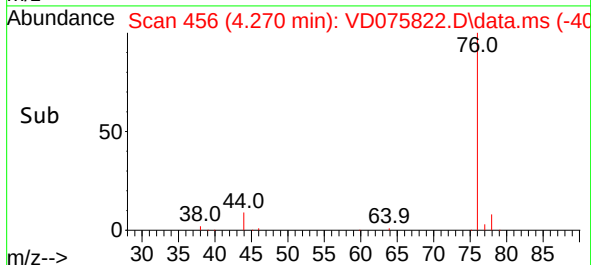
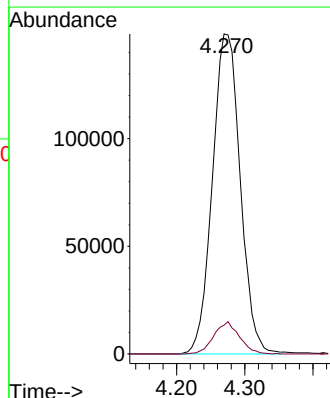
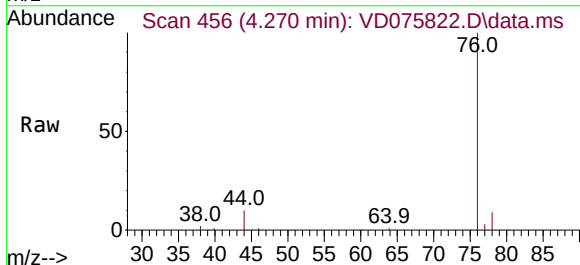
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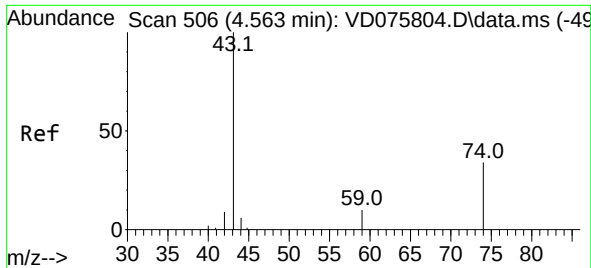
Tgt Ion: 76 Resp: 422446

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6

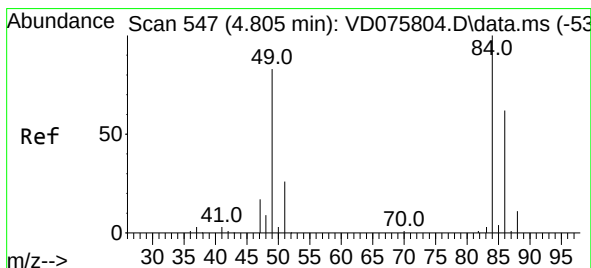
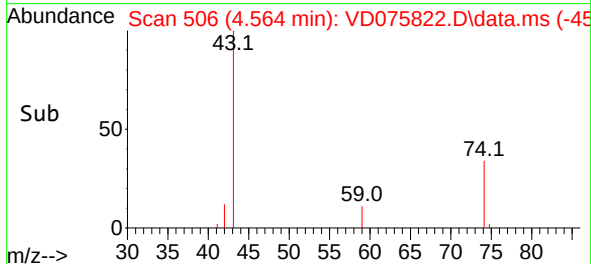
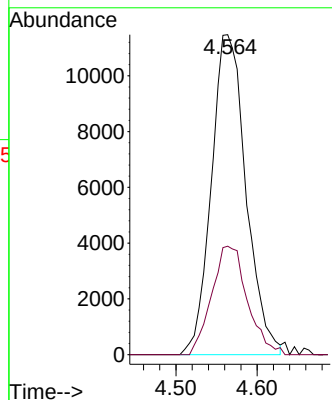
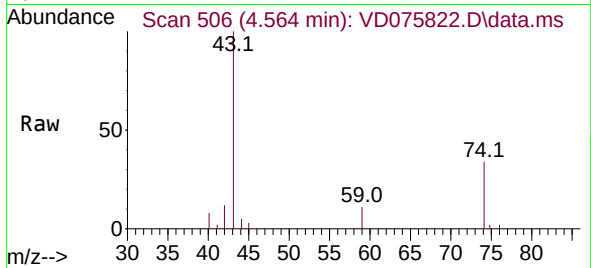




#15
Methyl Acetate
Concen: 26.084 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075822.D
Acq: 25 Apr 2023 20:20

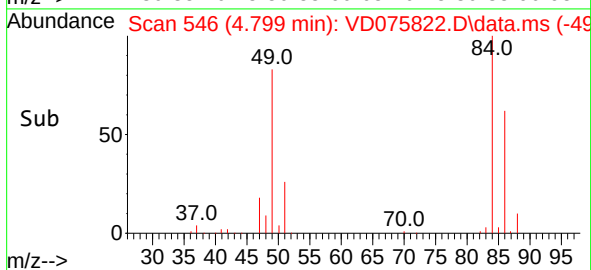
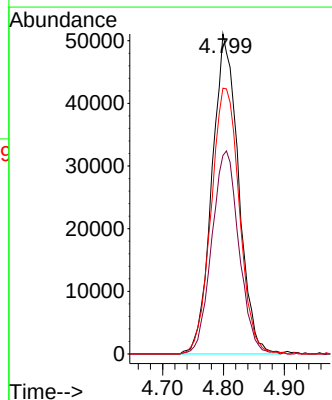
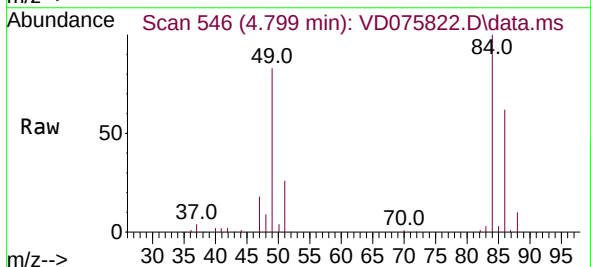
Instrument :
MSVOA_D
ClientSampleId :
VSTD025131

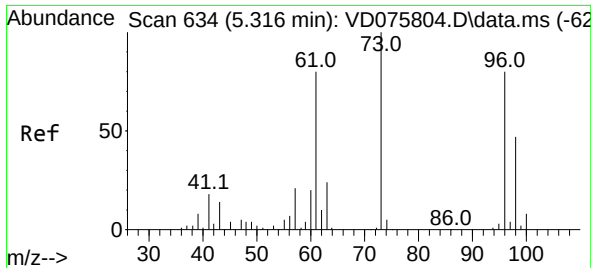
Tgt Ion: 43 Resp: 34031
Ion Ratio Lower Upper
43 100
74 34.9 12.8 19.2#



#16
Methylene chloride
Concen: 20.579 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075822.D
Acq: 25 Apr 2023 20:20

Tgt Ion: 84 Resp: 154204
Ion Ratio Lower Upper
84 100
86 62.0 45.8 85.2
49 83.0 60.8 112.8

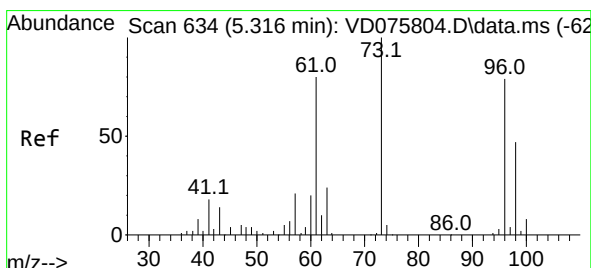
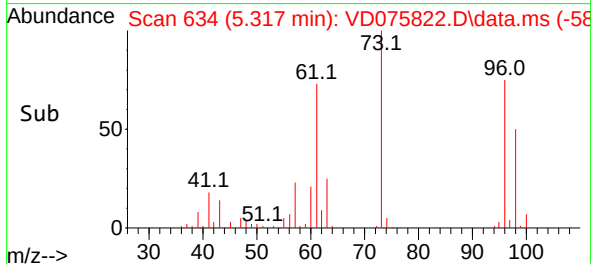
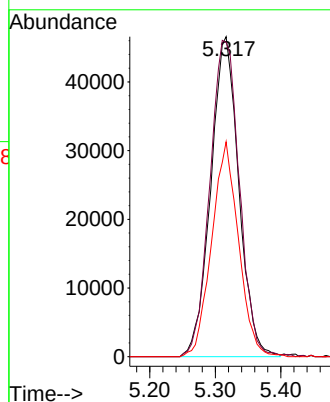
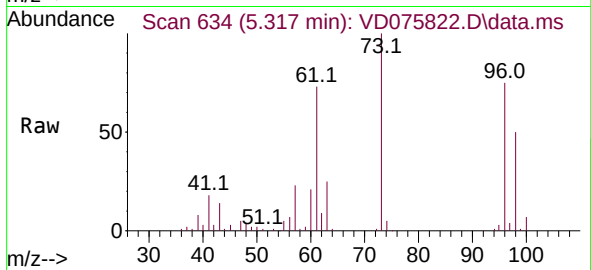




#17
trans-1,2-Dichloroethene
Concen: 25.395 ug/L
RT: 5.317 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075822.D
Acq: 25 Apr 2023 20:20

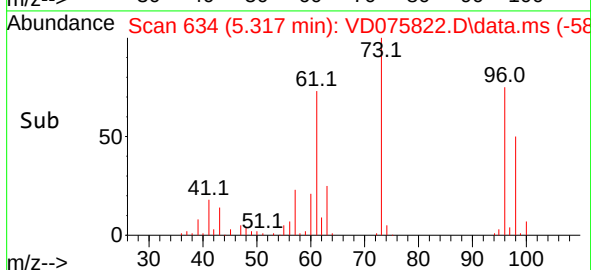
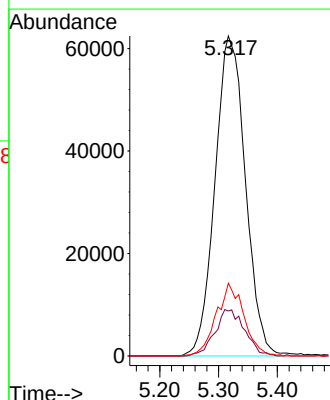
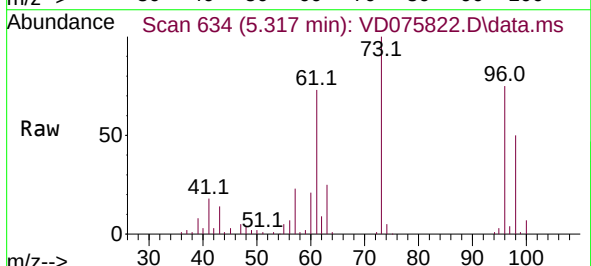
Instrument :
MSVOA_D
ClientSampleId :
VSTD025131

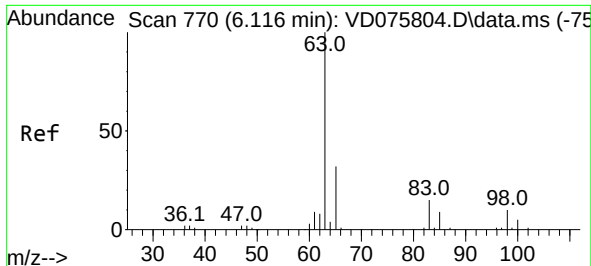
Tgt Ion: 96 Resp: 138296
Ion Ratio Lower Upper
96 100
61 98.2 72.9 135.5
98 67.2 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 25.647 ug/L
RT: 5.317 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD075822.D
Acq: 25 Apr 2023 20:20

Tgt Ion: 73 Resp: 224045
Ion Ratio Lower Upper
73 100
43 14.0 11.3 16.9
57 20.7 16.3 24.5





#19

1,1-Dichloroethane

Concen: 25.455 ug/L

RT: 6.111 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD075822.D

Acq: 25 Apr 2023 20:20

Instrument :

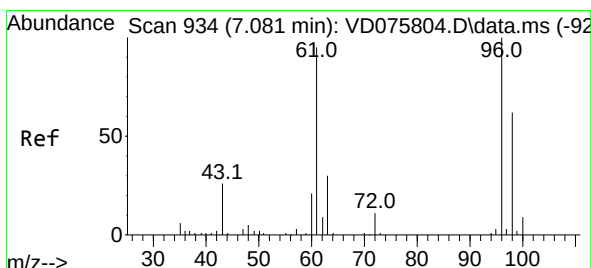
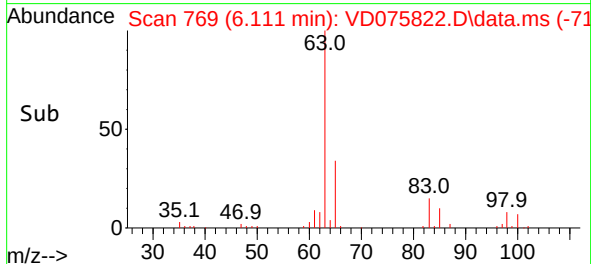
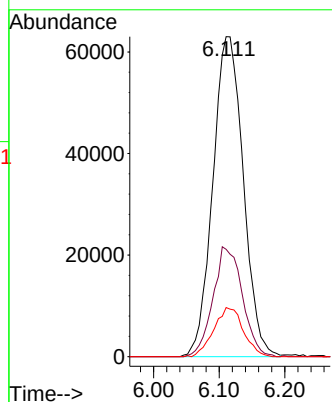
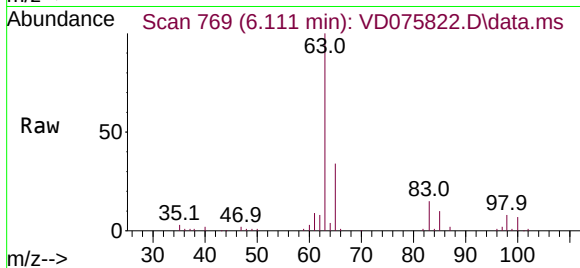
MSVOA_D

ClientSampleId :

VSTD025131

Tgt Ion: 63 Resp: 203074

Ion	Ratio	Lower	Upper
63	100		
65	33.6	22.8	42.4
83	15.3	11.2	20.8



#20

cis-1,2-Dichloroethene

Concen: 26.001 ug/L

RT: 7.081 min Scan# 934

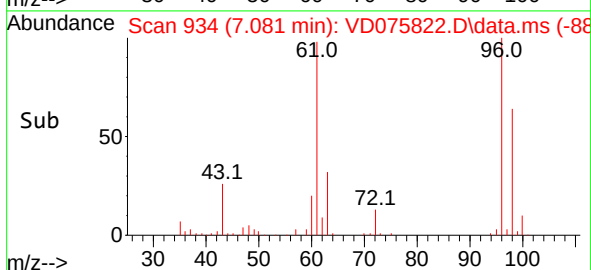
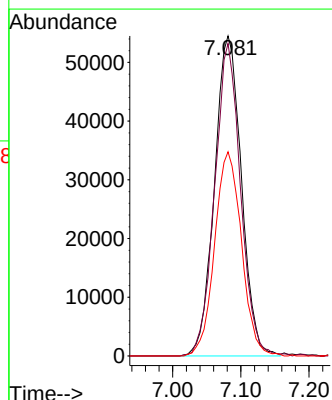
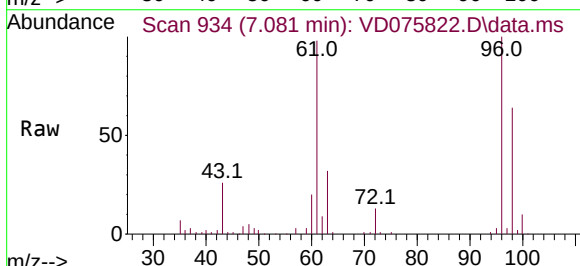
Delta R.T. 0.000 min

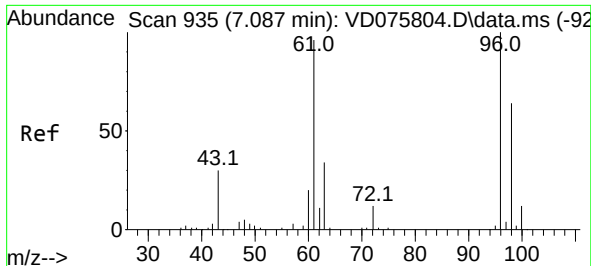
Lab File: VD075822.D

Acq: 25 Apr 2023 20:20

Tgt Ion: 96 Resp: 149725

Ion	Ratio	Lower	Upper
96	100		
61	97.6	67.5	125.3
98	63.8	47.5	88.1

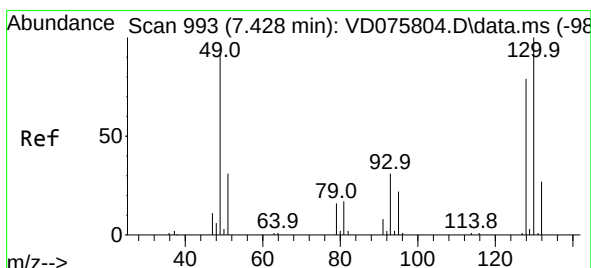
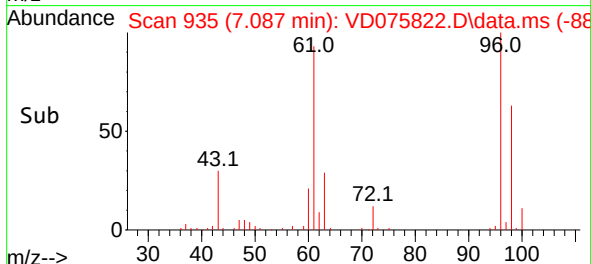
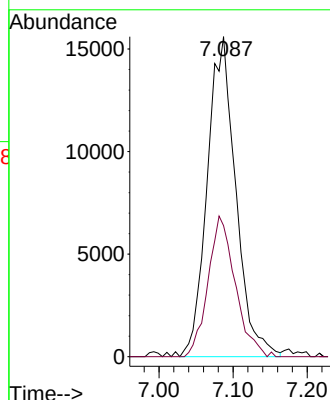
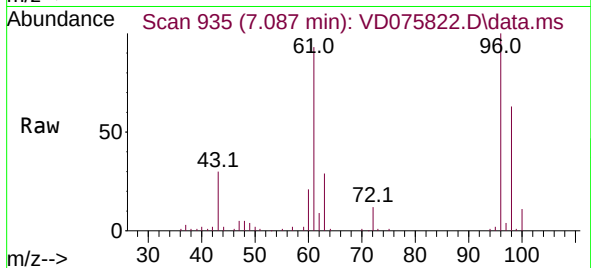




#22
2-Butanone
Concen: 53.130 ug/L
RT: 7.087 min Scan# 913
Delta R.T. 0.000 min
Lab File: VD075822.D
Acq: 25 Apr 2023 20:20

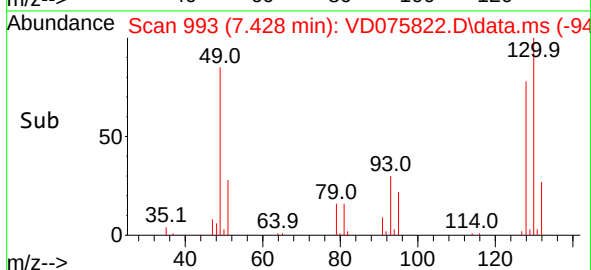
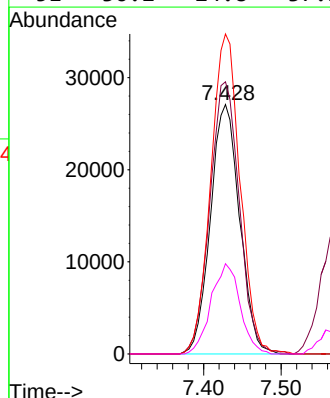
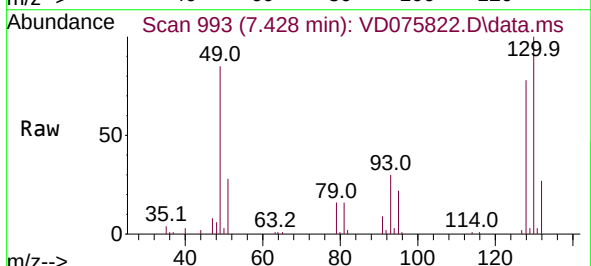
Instrument :
MSVOA_D
ClientSampleId :
VSTD025131

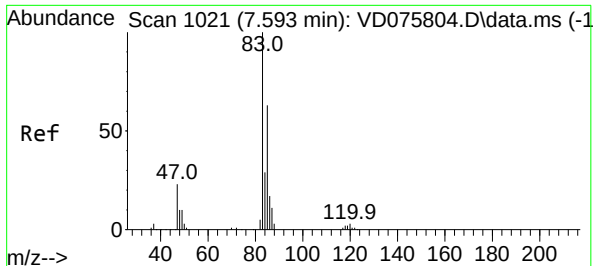
Tgt Ion: 43 Resp: 41697
Ion Ratio Lower Upper
43 100
72 41.7 20.5 61.5



#23
Bromochloromethane
Concen: 26.614 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD075822.D
Acq: 25 Apr 2023 20:20

Tgt Ion: 128 Resp: 71073
Ion Ratio Lower Upper
128 100
49 109.1 76.4 142.0
130 128.3 93.5 173.7
51 36.2 24.8 37.2





#25

Chloroform

Concen: 25.245 ug/L

RT: 7.599 min Scan# 1021

Delta R.T. 0.006 min

Lab File: VD075822.D

Acq: 25 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

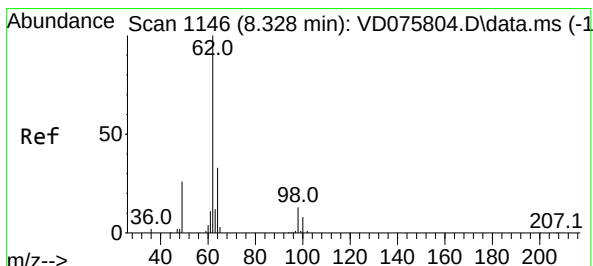
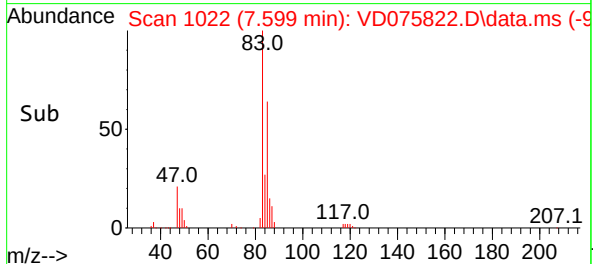
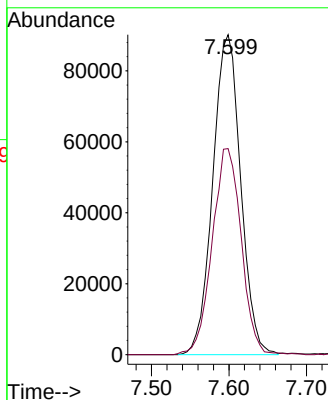
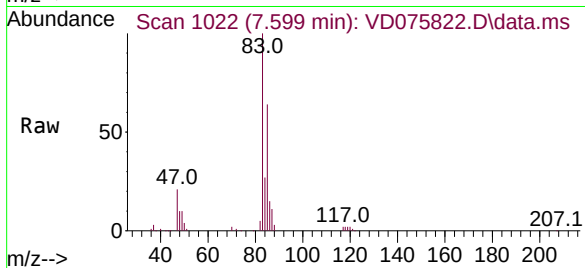
VSTD025131

Tgt Ion: 83 Resp: 225716

Ion Ratio Lower Upper

83 100

85 64.4 44.4 82.5



#27

1,2-Dichloroethane

Concen: 26.489 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD075822.D

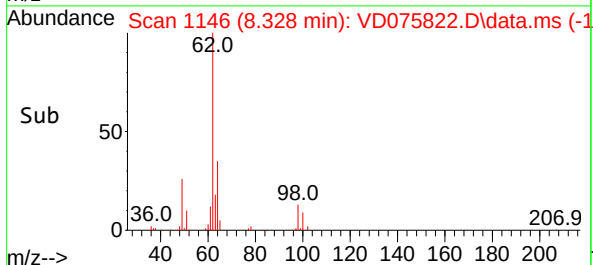
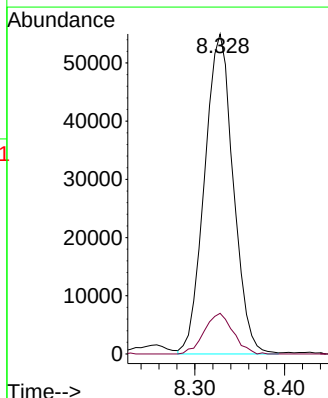
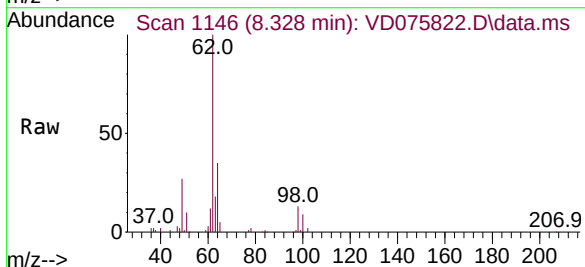
Acq: 25 Apr 2023 20:20

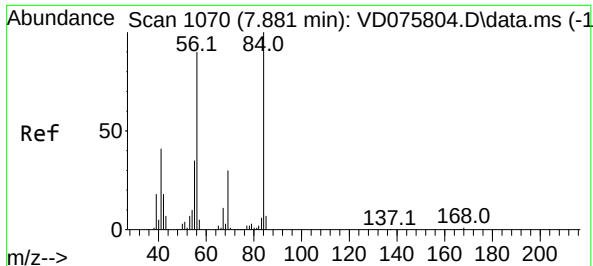
Tgt Ion: 62 Resp: 122255

Ion Ratio Lower Upper

62 100

98 12.7 10.2 15.2





#29

Cyclohexane

Concen: 25.918 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD075822.D

Acq: 25 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

VSTD025131

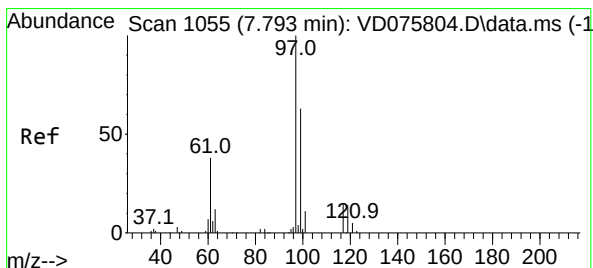
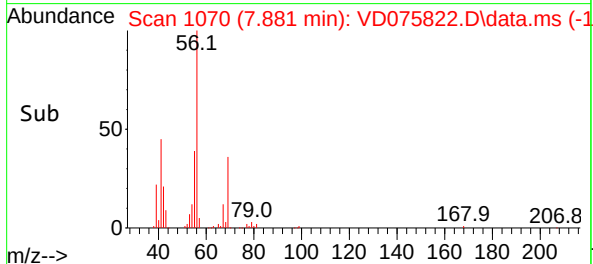
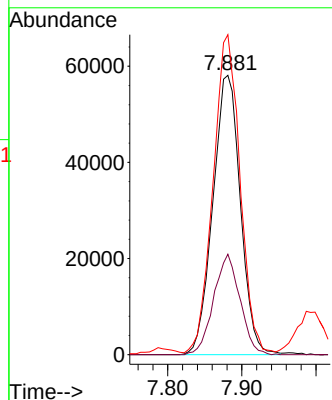
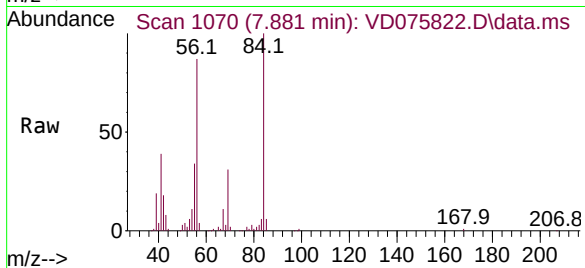
Tgt Ion: 56 Resp: 149991

Ion Ratio Lower Upper

56 100

69 34.3 28.2 42.2

84 112.2 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 25.591 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075822.D

Acq: 25 Apr 2023 20:20

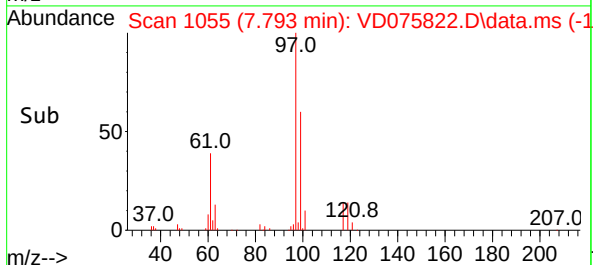
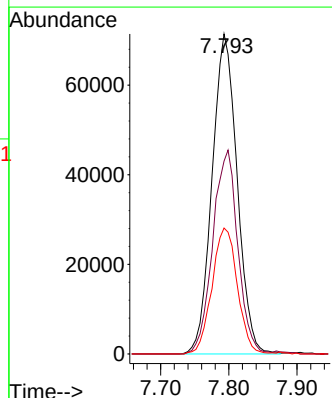
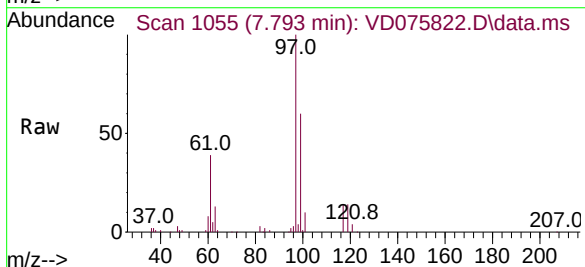
Tgt Ion: 97 Resp: 183035

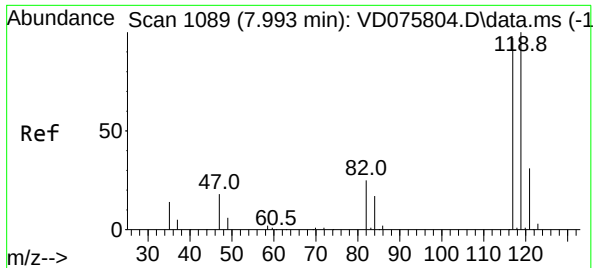
Ion Ratio Lower Upper

97 100

99 63.7 51.5 77.3

61 39.7 32.1 48.1

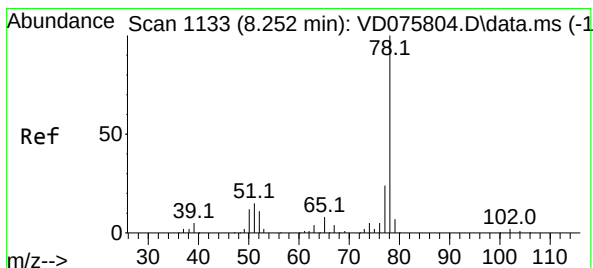
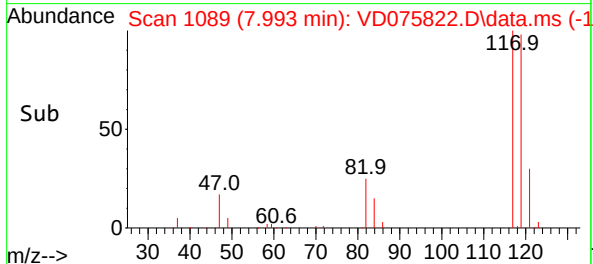
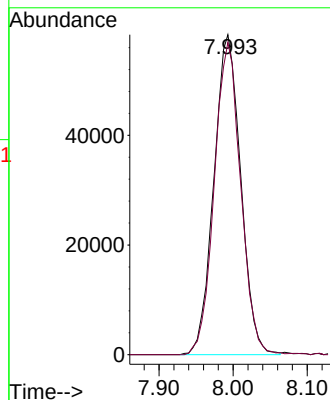
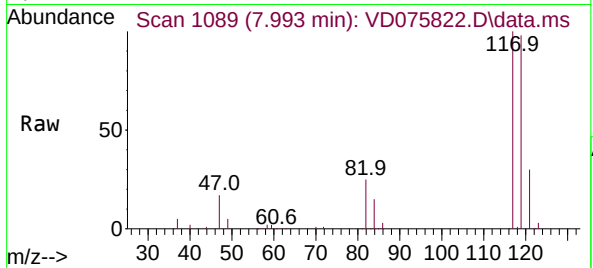




#31
Carbon tetrachloride
Concen: 25.585 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD075822.D
Acq: 25 Apr 2023 20:20

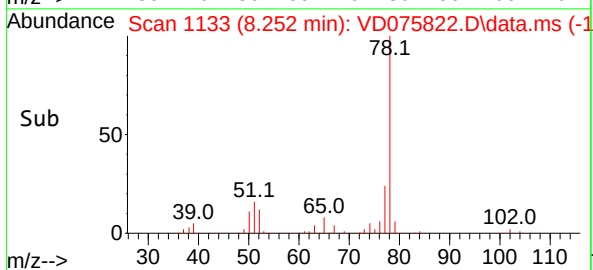
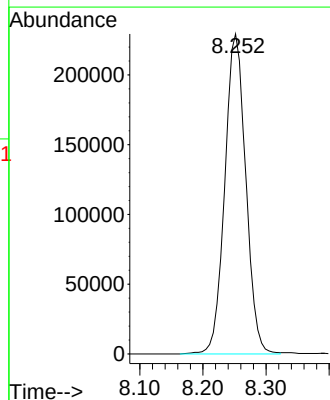
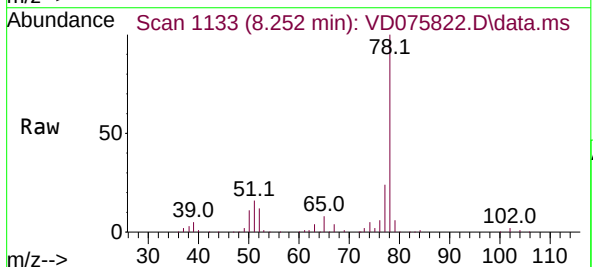
Instrument :
MSVOA_D
ClientSampleId :
VSTD025131

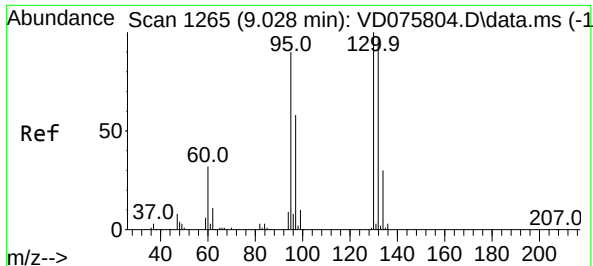
Tgt Ion:117 Resp: 146816
Ion Ratio Lower Upper
117 100
119 95.8 78.2 117.4



#33
Benzene
Concen: 25.886 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075822.D
Acq: 25 Apr 2023 20:20

Tgt Ion: 78 Resp: 529325

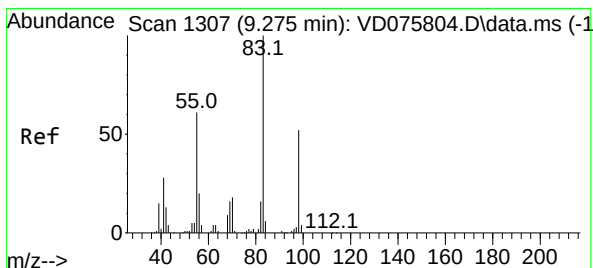
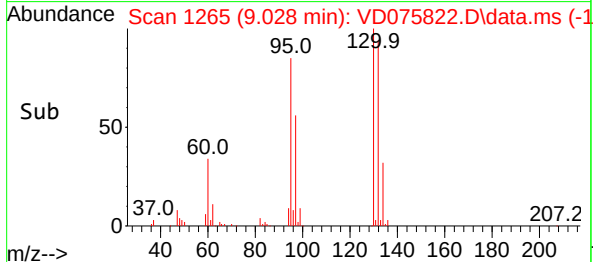
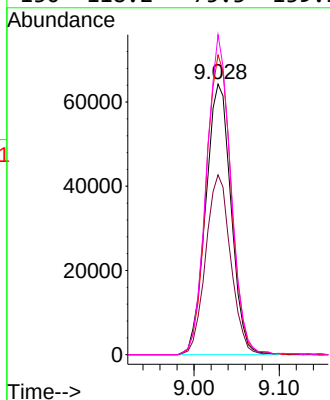
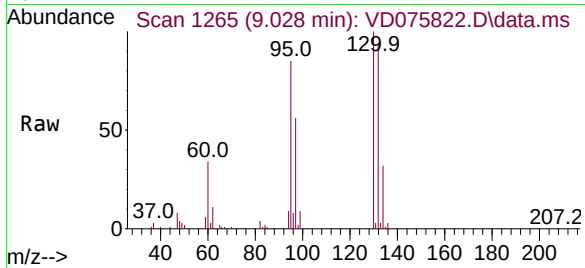




#34
Trichloroethene
Concen: 25.147 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075822.D
Acq: 25 Apr 2023 20:20

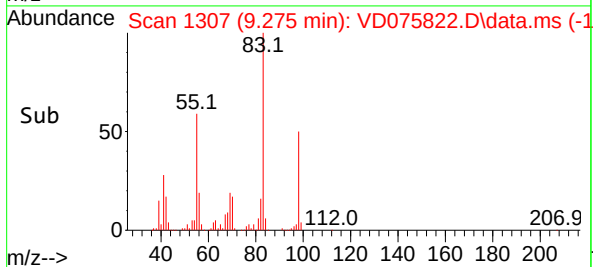
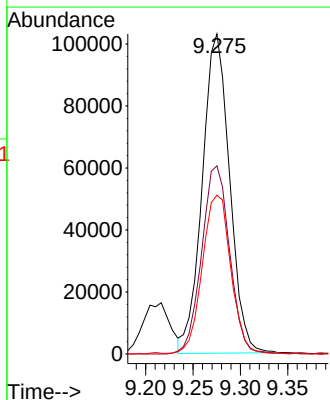
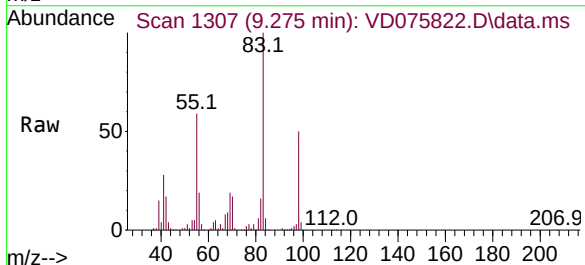
Instrument :
MSVOA_D
ClientSampleId :
VSTD025131

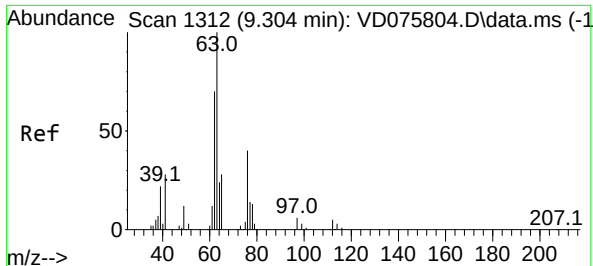
Tgt Ion: 95 Resp: 132981
Ion Ratio Lower Upper
95 100
97 66.5 46.0 85.4
132 110.8 73.3 136.1
130 118.2 75.3 139.9



#35
Methylcyclohexane
Concen: 25.343 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075822.D
Acq: 25 Apr 2023 20:20

Tgt Ion: 83 Resp: 206624
Ion Ratio Lower Upper
83 100
55 60.4 48.2 72.2
98 52.0 40.8 61.2





#37

1,2-Dichloropropane

Concen: 25.948 ug/L

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075822.D

Acq: 25 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

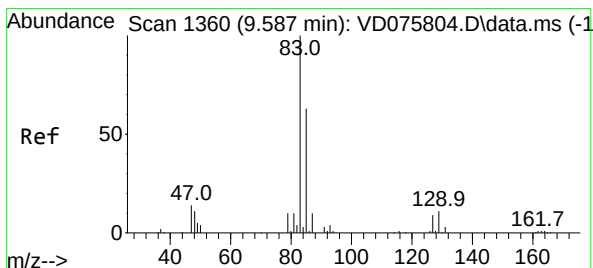
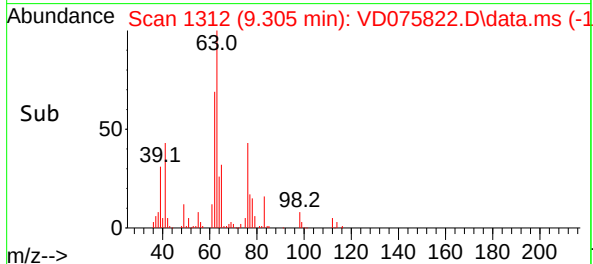
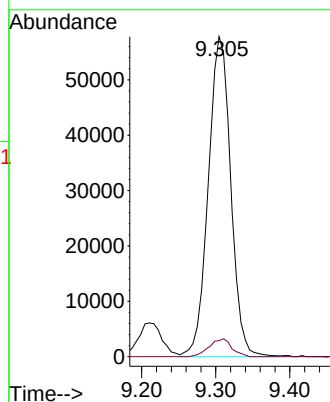
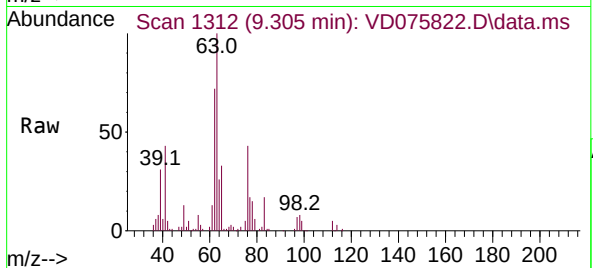
VSTD025131

Tgt Ion: 63 Resp: 121882

Ion Ratio Lower Upper

63 100

112 5.6 4.0 6.0



#38

Bromodichloromethane

Concen: 25.698 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD075822.D

Acq: 25 Apr 2023 20:20

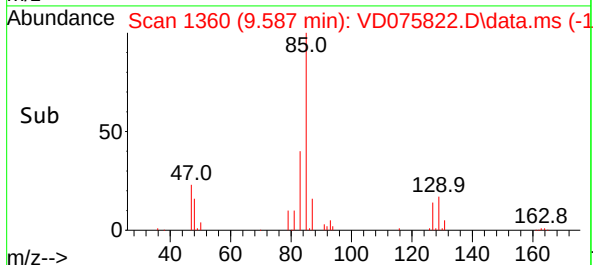
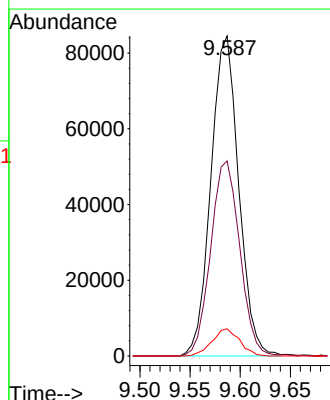
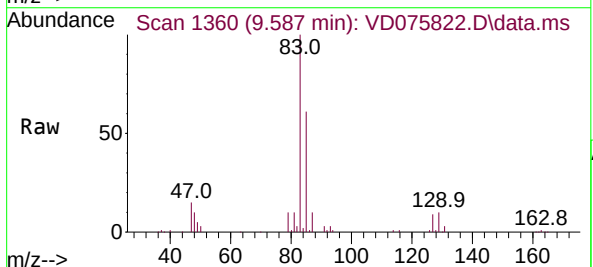
Tgt Ion: 83 Resp: 162759

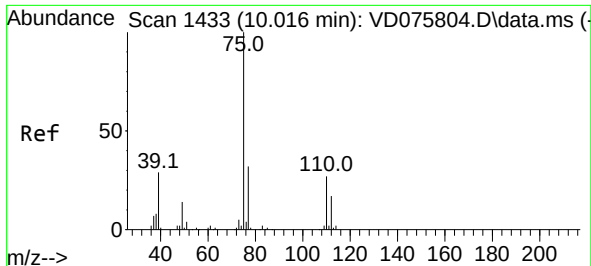
Ion Ratio Lower Upper

83 100

85 61.0 44.2 82.2

127 8.5 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 25.611 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD075822.D

Acq: 25 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

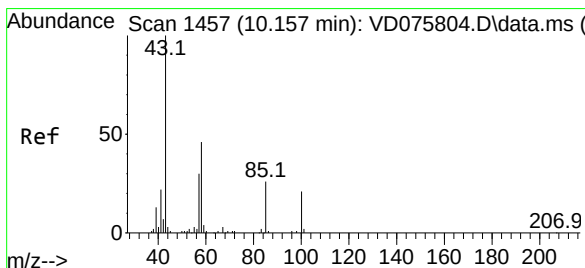
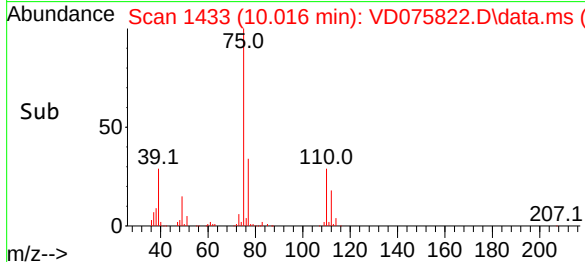
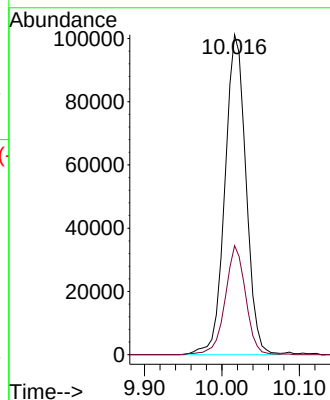
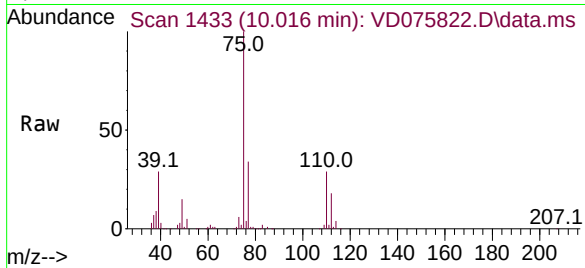
VSTD025131

Tgt Ion: 75 Resp: 191317

Ion Ratio Lower Upper

75 100

77 34.1 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 53.519 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD075822.D

Acq: 25 Apr 2023 20:20

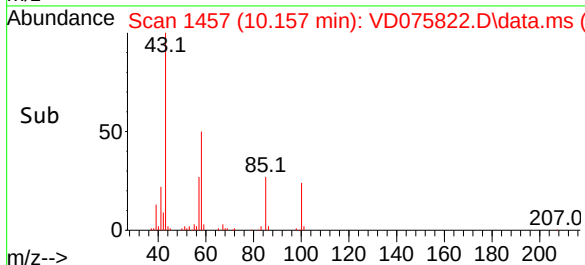
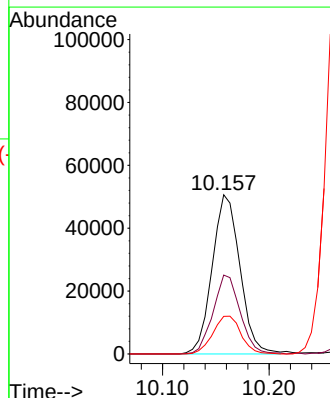
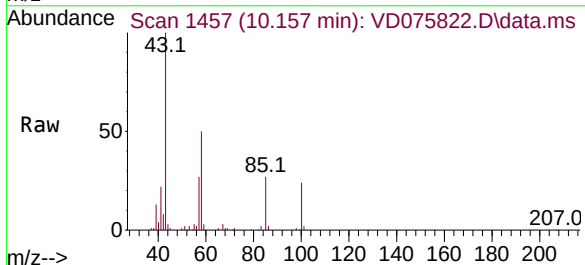
Tgt Ion: 43 Resp: 91655

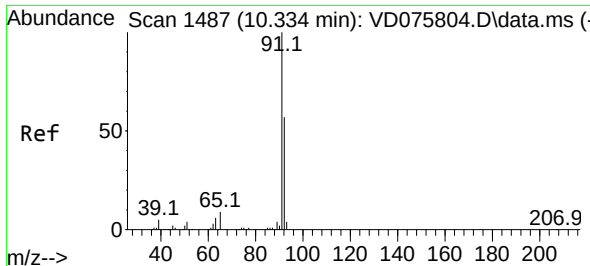
Ion Ratio Lower Upper

43 100

58 48.3 39.1 58.7

100 24.0 19.4 29.0





#42

Toluene

Concen: 26.581 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075822.D

Acq: 25 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

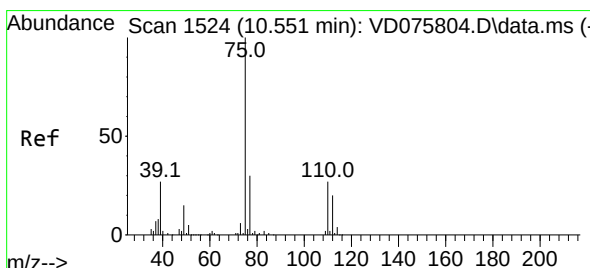
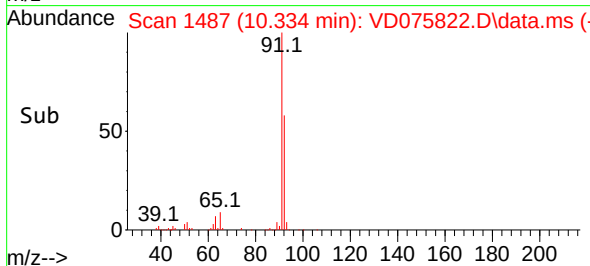
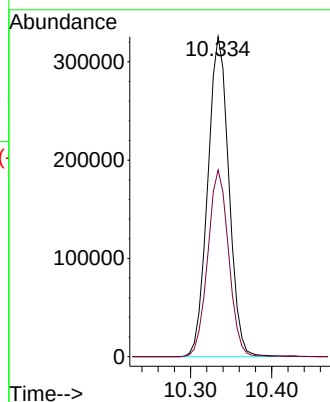
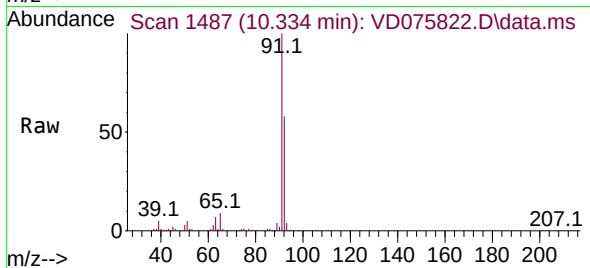
VSTD025131

Tgt Ion: 91 Resp: 588202

Ion Ratio Lower Upper

91 100

92 58.4 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 26.370 ug/L

RT: 10.552 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD075822.D

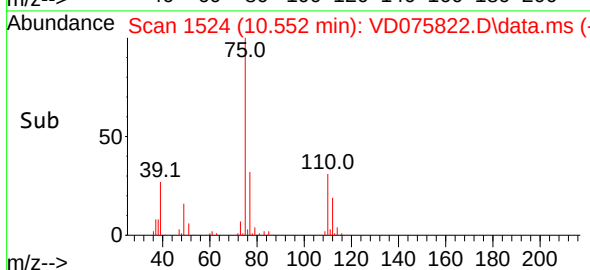
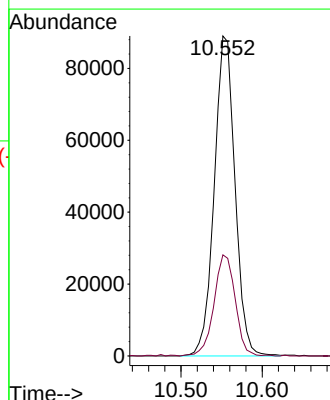
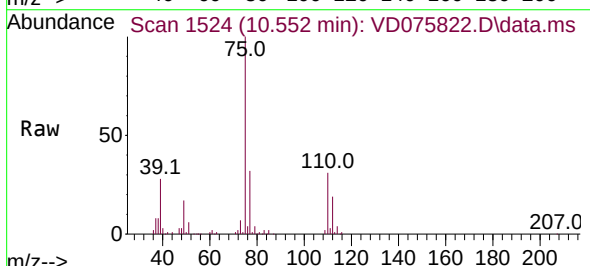
Acq: 25 Apr 2023 20:20

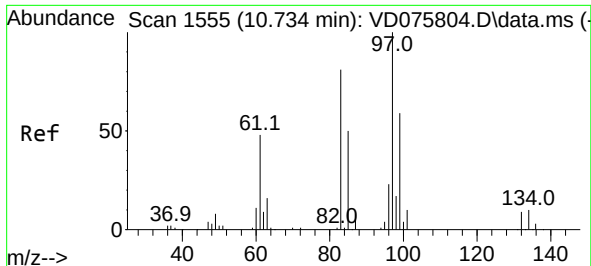
Tgt Ion: 75 Resp: 158245

Ion Ratio Lower Upper

75 100

77 31.6 22.0 41.0



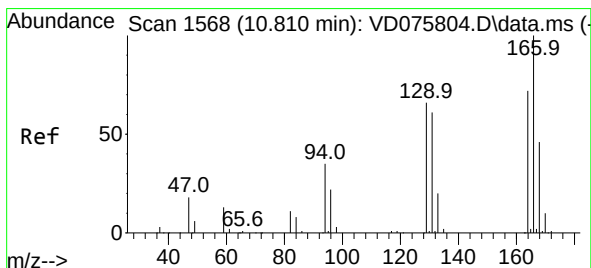
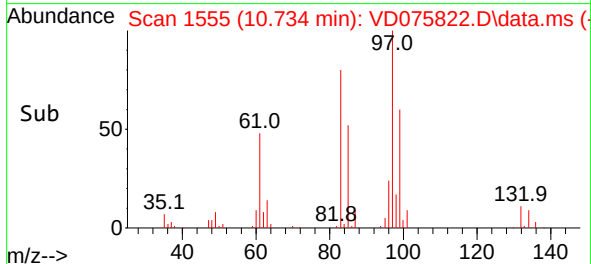
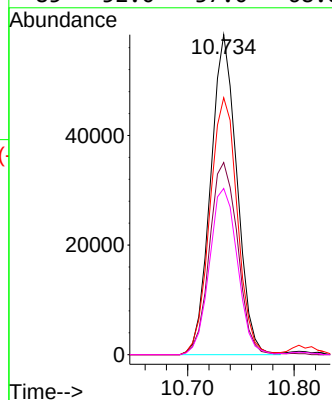
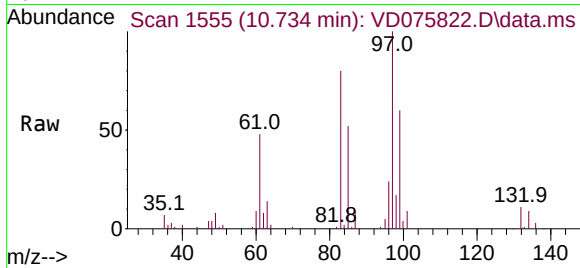


#45
1,1,2-Trichloroethane
Concen: 25.043 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075822.D
Acq: 25 Apr 2023 20:20

Instrument :
MSVOA_D
ClientSampleId :
VSTD025131

Tgt Ion: 97 Resp: 100074

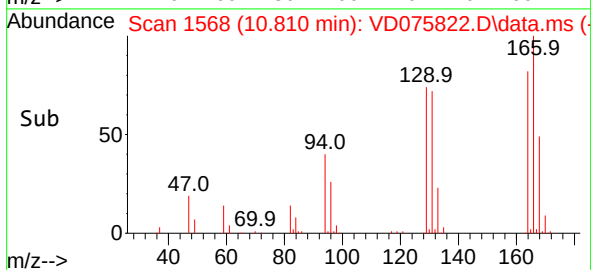
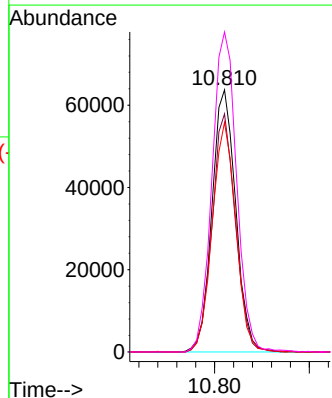
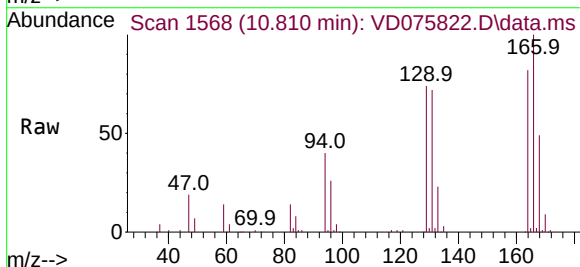
Ion	Ratio	Lower	Upper
97	100		
99	60.1	42.2	78.4
83	80.3	54.8	101.8
85	52.0	37.0	68.8

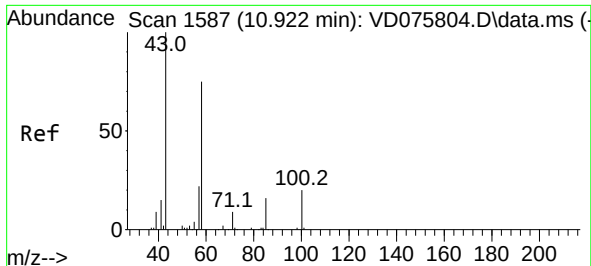


#46
Tetrachloroethene
Concen: 25.600 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075822.D
Acq: 25 Apr 2023 20:20

Tgt Ion: 164 Resp: 111035

Ion	Ratio	Lower	Upper
164	100		
129	90.8	60.3	112.1
131	87.6	58.9	109.3
166	122.1	83.0	154.1

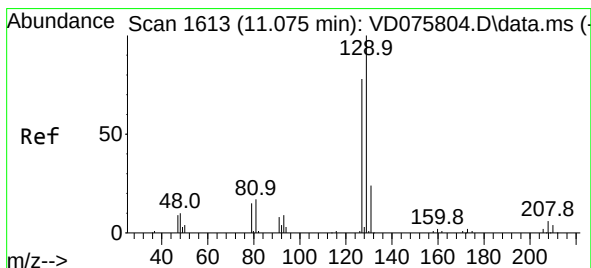
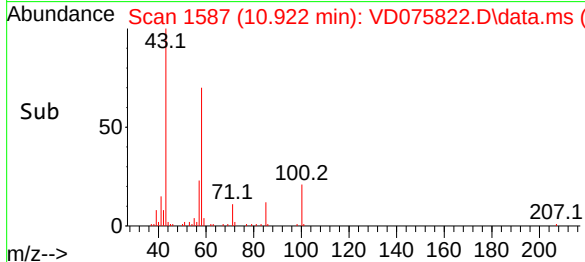
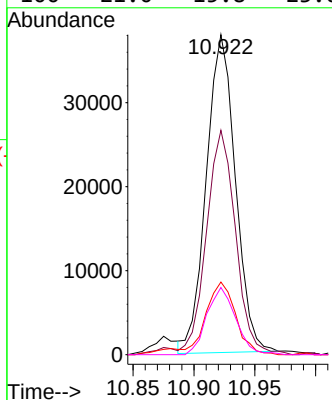
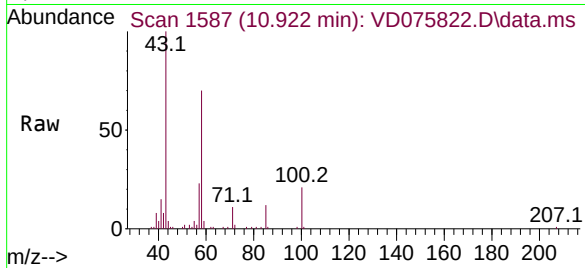




#48
2-Hexanone
Concen: 52.231 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075822.D
Acq: 25 Apr 2023 20:20

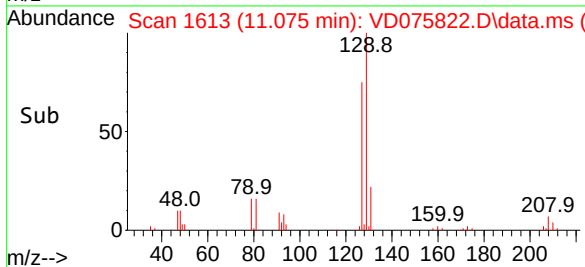
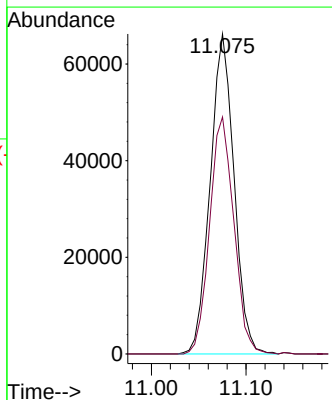
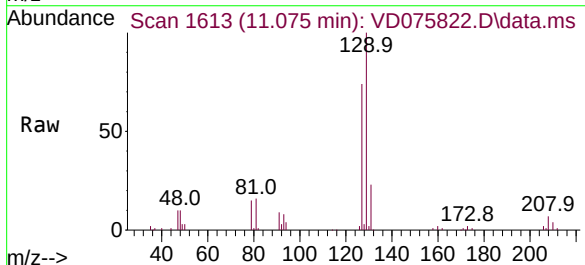
Instrument :
MSVOA_D
ClientSampleId :
VSTD025131

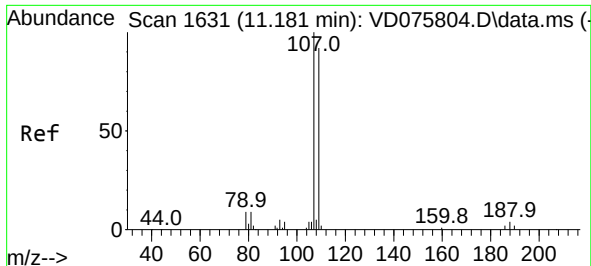
Tgt Ion: 43	Resp: 63059
Ion Ratio	Lower Upper
43 100	
58 70.7	59.7 89.5
57 23.1	17.9 26.9
100 21.0	15.8 23.6



#49
Dibromochloromethane
Concen: 26.706 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075822.D
Acq: 25 Apr 2023 20:20

Tgt Ion:129	Resp: 116180		
Ion Ratio	Lower	Upper	
129 100			
127 74.0	55.6	103.4	

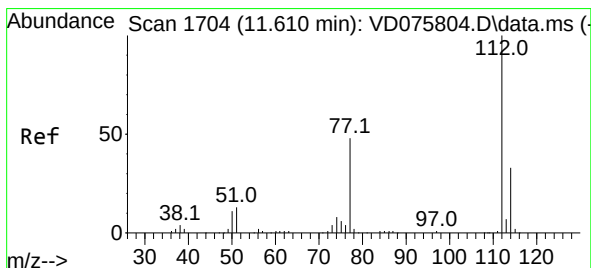
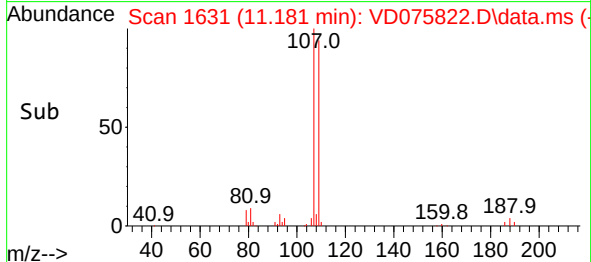
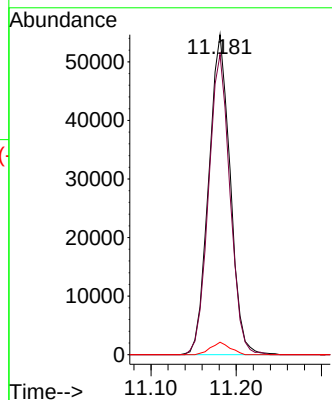
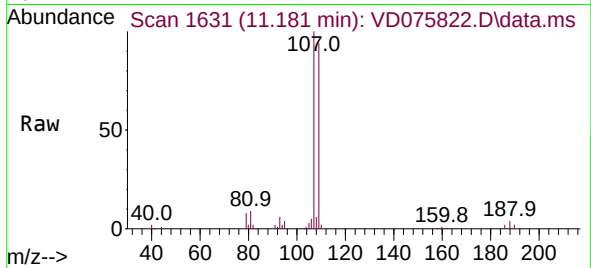




#50
1,2-Dibromoethane
Concen: 26.558 ug/L
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD075822.D
Acq: 25 Apr 2023 20:20

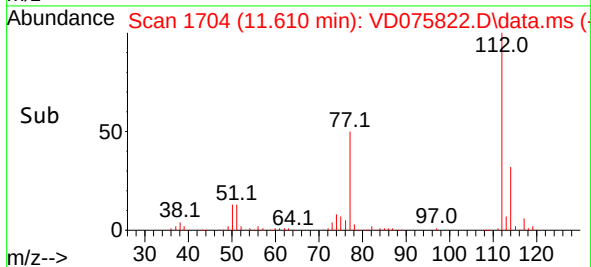
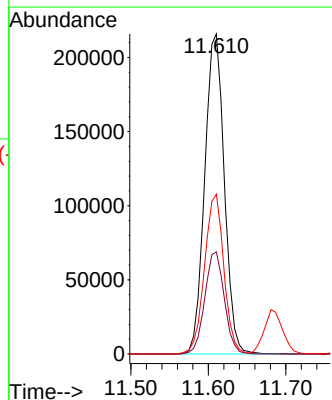
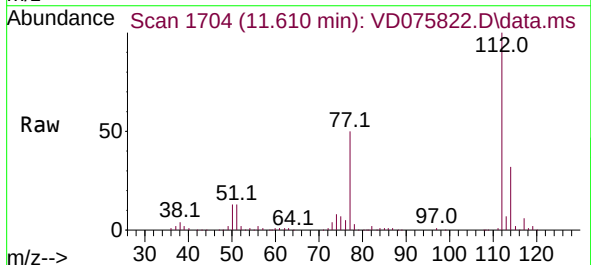
Instrument :
MSVOA_D
ClientSampleId :
VSTD025131

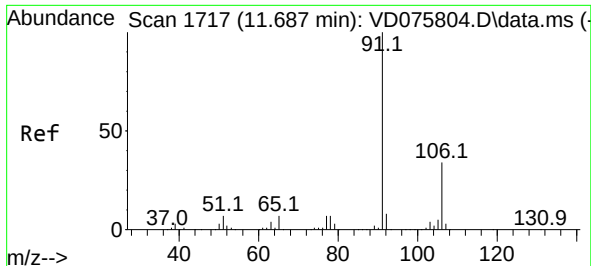
Tgt Ion:107 Resp: 95682
Ion Ratio Lower Upper
107 100
109 93.8 67.6 125.6
188 3.9 3.0 4.6



#51
Chlorobenzene
Concen: 26.191 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075822.D
Acq: 25 Apr 2023 20:20

Tgt Ion:112 Resp: 379148
Ion Ratio Lower Upper
112 100
114 31.9 23.0 42.8
77 50.0 39.7 59.5





#52

Ethylbenzene

Concen: 26.310 ug/L

RT: 11.687 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD075822.D

Acq: 25 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

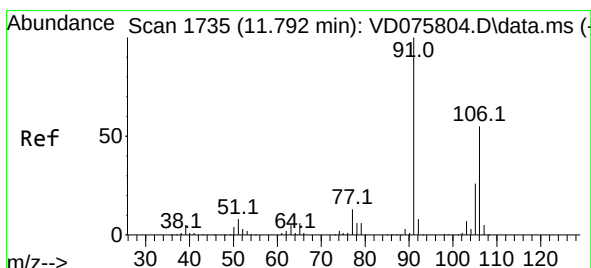
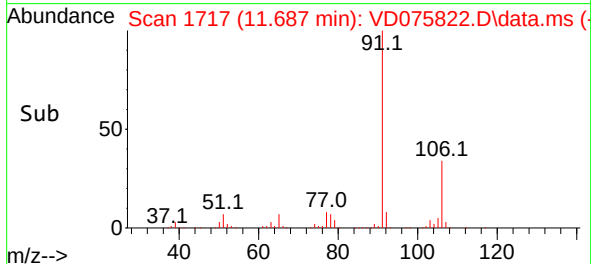
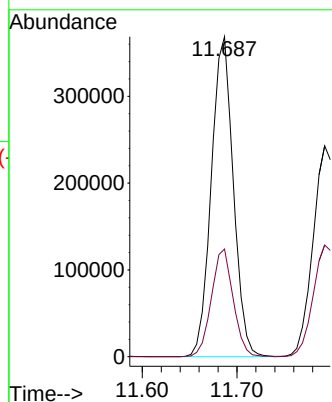
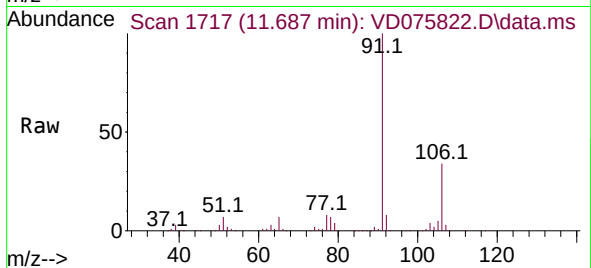
VSTD025131

Tgt Ion: 91 Resp: 597002

Ion Ratio Lower Upper

91 100

106 33.6 23.7 43.9



#53

m,p-Xylene

Concen: 26.797 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD075822.D

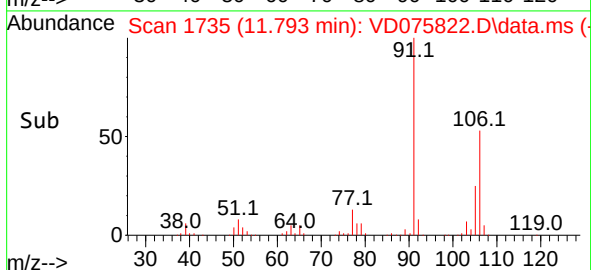
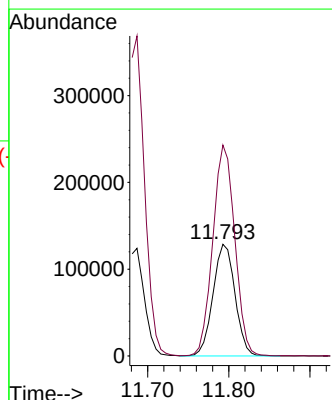
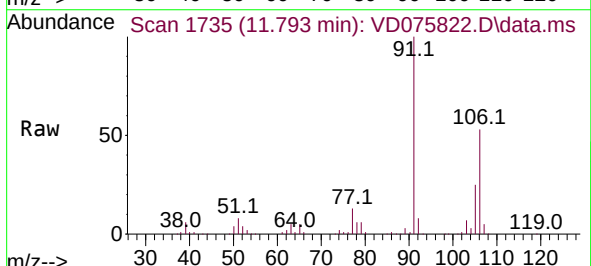
Acq: 25 Apr 2023 20:20

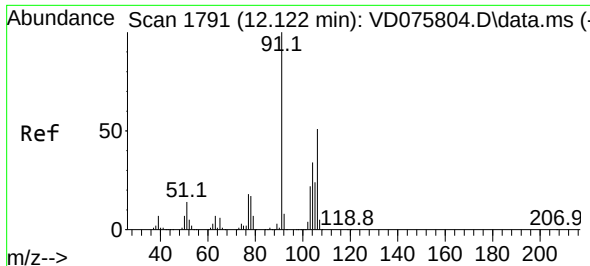
Tgt Ion: 106 Resp: 242123

Ion Ratio Lower Upper

106 100

91 188.8 130.9 243.1

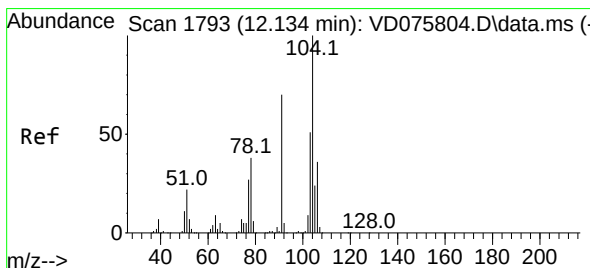
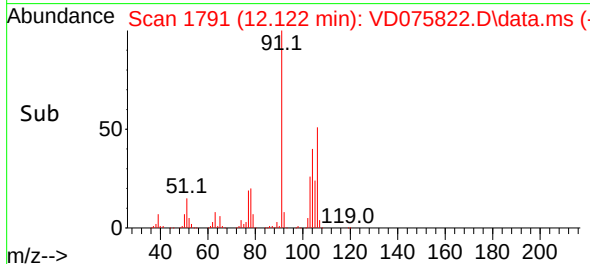
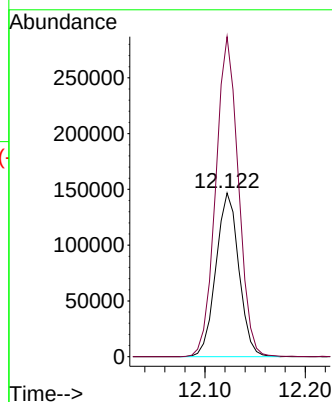
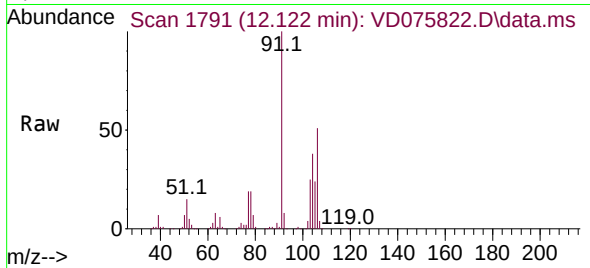




#54
o-Xylene
Concen: 27.151 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075822.D
Acq: 25 Apr 2023 20:20

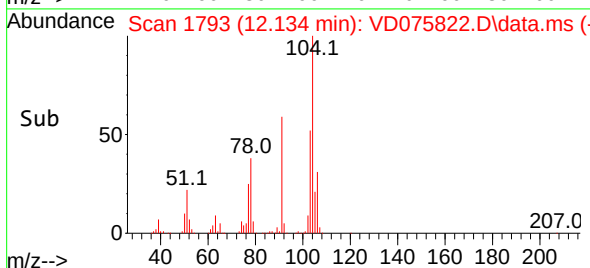
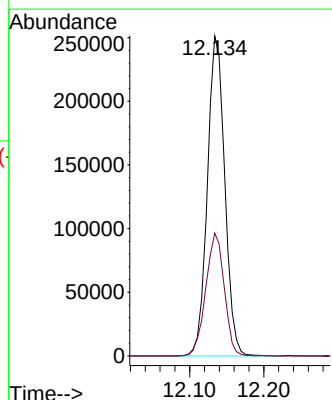
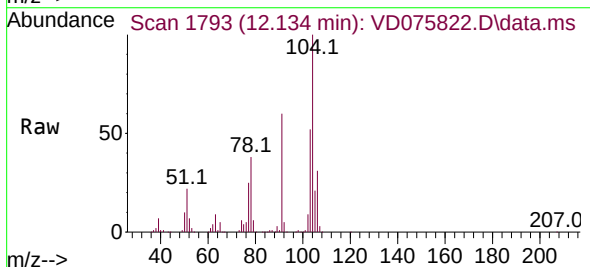
Instrument :
MSVOA_D
ClientSampleId :
VSTD025131

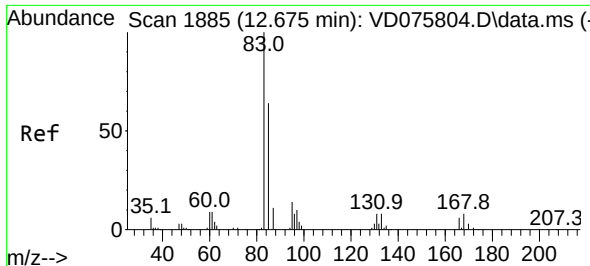
Tgt Ion:106 Resp: 233006
Ion Ratio Lower Upper
106 100
91 195.4 139.8 259.6



#55
Styrene
Concen: 27.413 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD075822.D
Acq: 25 Apr 2023 20:20

Tgt Ion:104 Resp: 409462
Ion Ratio Lower Upper
104 100
78 38.4 26.2 48.6

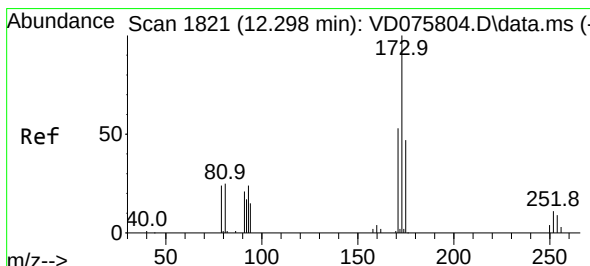
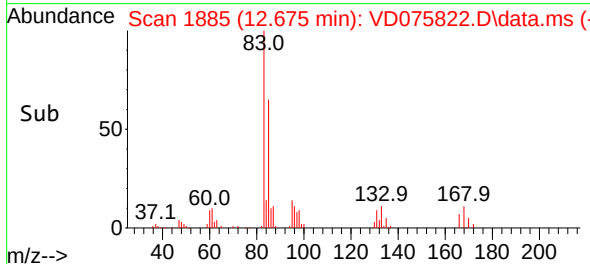
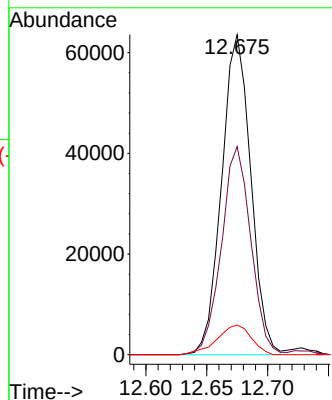
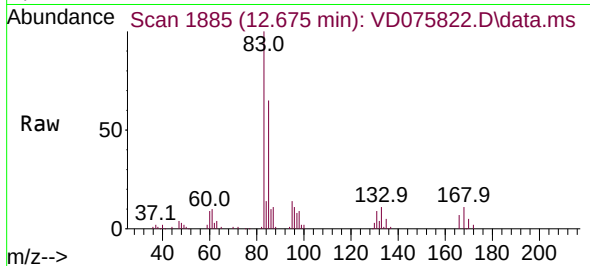




#57
1,1,2,2-Tetrachloroethane
Concen: 26.011 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075822.D
Acq: 25 Apr 2023 20:20

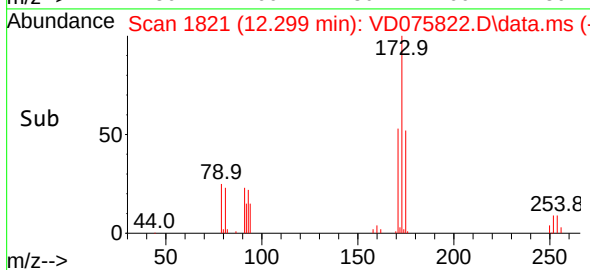
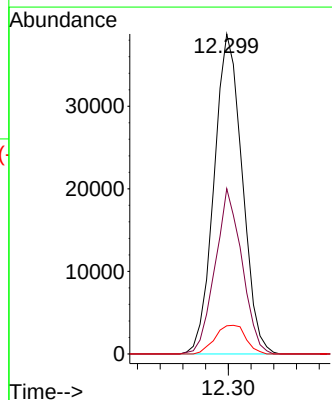
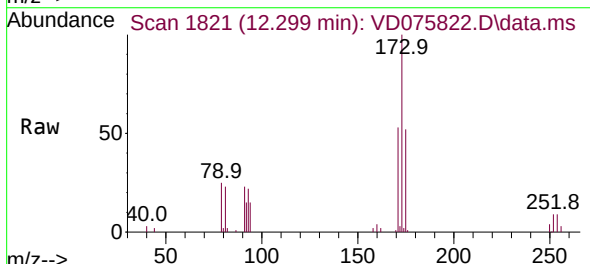
Instrument :
MSVOA_D
ClientSampleId :
VSTD025131

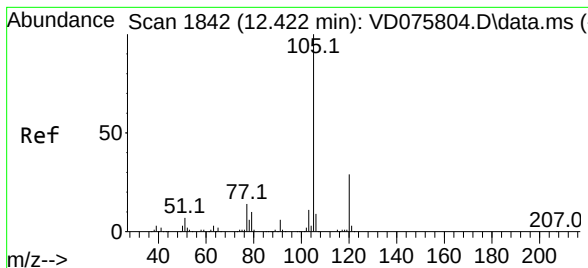
Tgt Ion: 83 Resp: 105758
Ion Ratio Lower Upper
83 100
85 65.0 45.1 83.7
131 9.3 7.0 10.6



#59
Bromoform
Concen: 25.822 ug/L
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD075822.D
Acq: 25 Apr 2023 20:20

Tgt Ion:173 Resp: 66674
Ion Ratio Lower Upper
173 100
175 49.3 39.4 59.0
254 9.8 7.4 11.2





#60

Isopropylbenzene

Concen: 25.795 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD075822.D

Acq: 25 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

VSTD025131

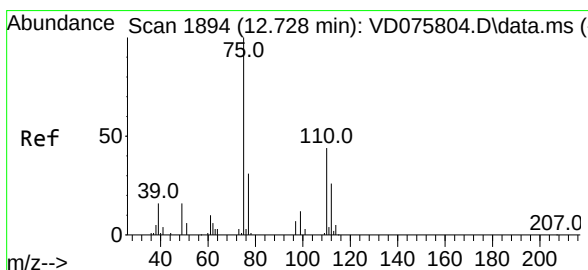
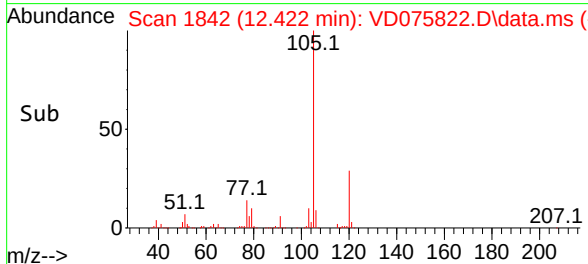
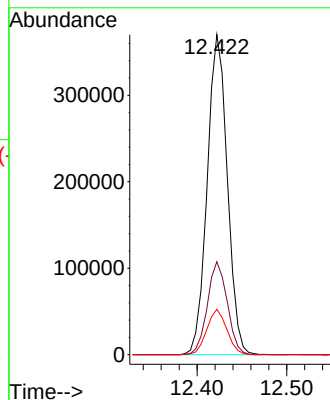
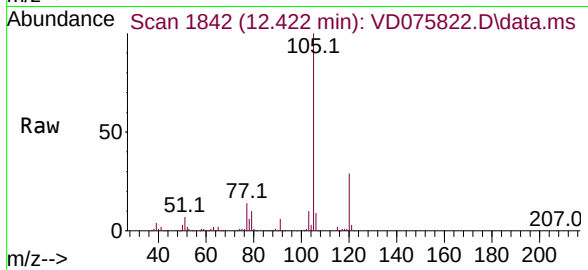
Tgt Ion:105 Resp: 576262

Ion Ratio Lower Upper

105 100

120 28.6 22.7 34.1

77 14.1 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 25.347 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD075822.D

Acq: 25 Apr 2023 20:20

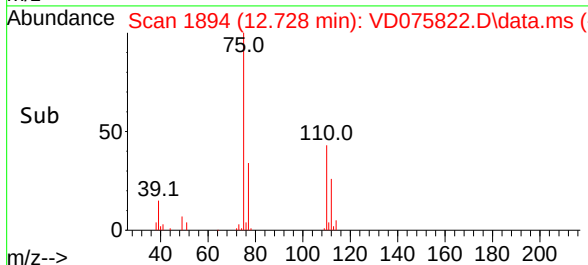
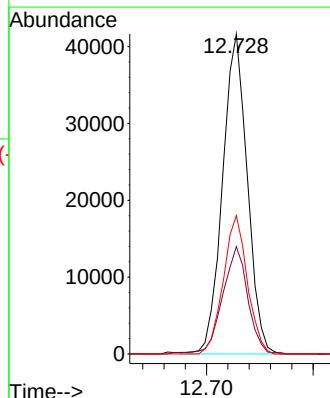
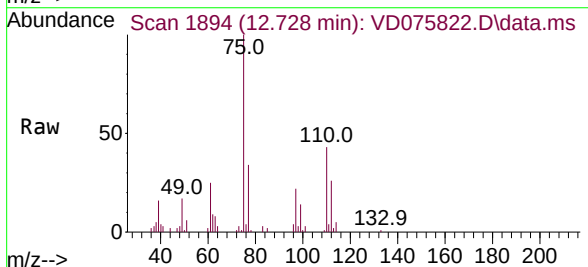
Tgt Ion: 75 Resp: 67084

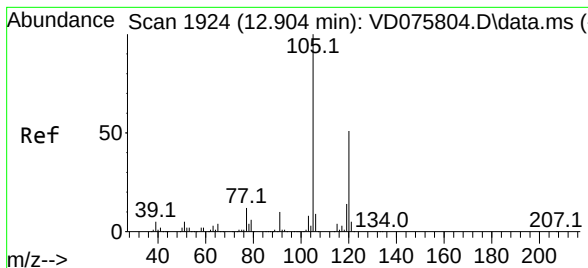
Ion Ratio Lower Upper

75 100

77 33.8 26.6 39.8

110 42.0 33.5 50.3

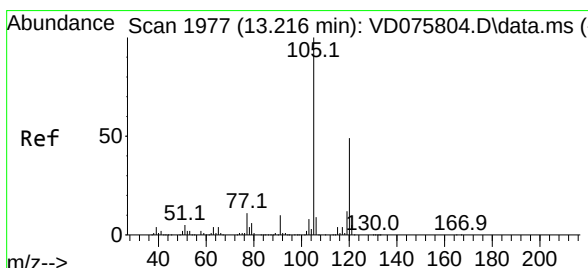
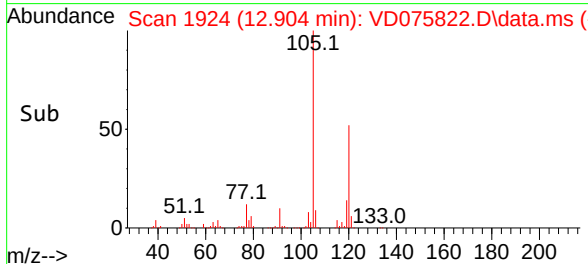
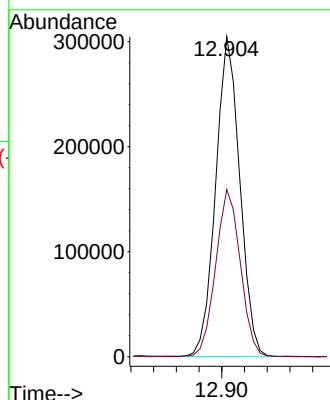
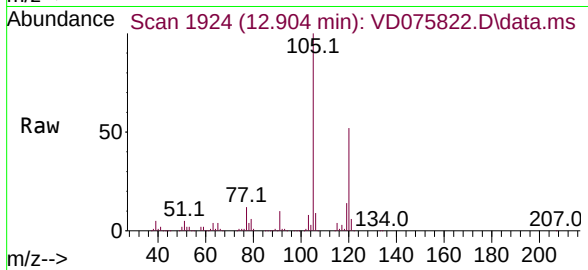




#62
1,3,5-Trimethylbenzene
Concen: 26.946 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075822.D
Acq: 25 Apr 2023 20:20

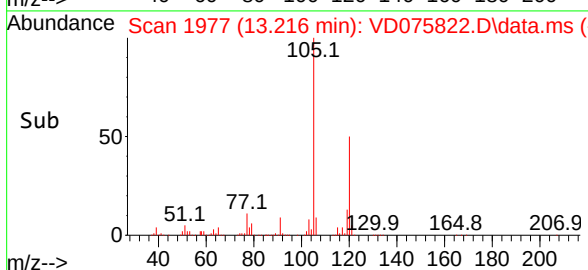
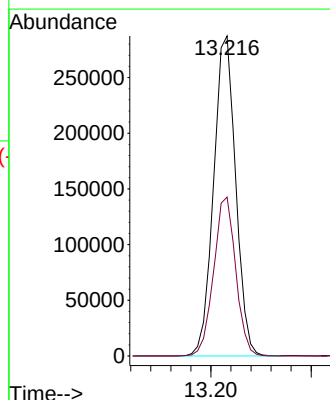
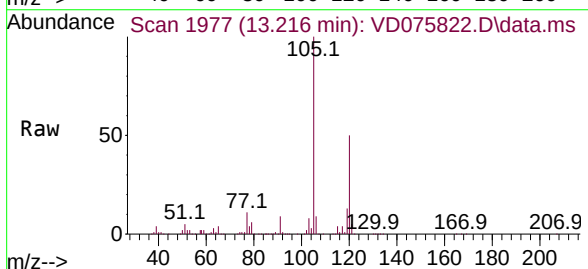
Instrument :
MSVOA_D
ClientSampleId :
VSTD025131

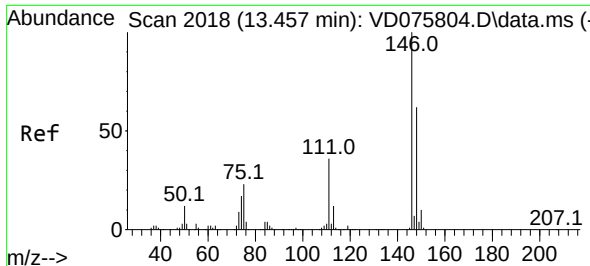
Tgt Ion:105 Resp: 448873
Ion Ratio Lower Upper
105 100
120 53.5 42.0 63.0



#63
1,2,4-Trimethylbenzene
Concen: 27.306 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075822.D
Acq: 25 Apr 2023 20:20

Tgt Ion:105 Resp: 438486
Ion Ratio Lower Upper
105 100
120 49.6 39.0 58.6

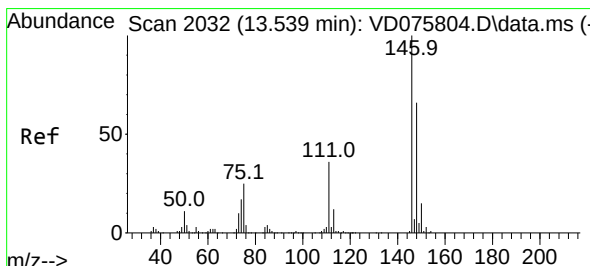
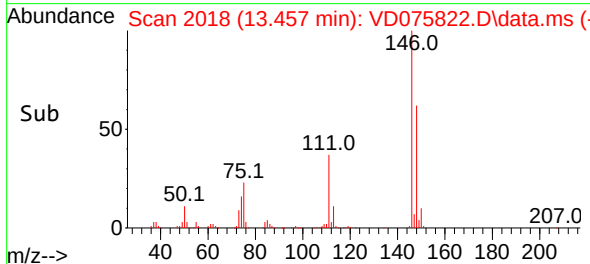
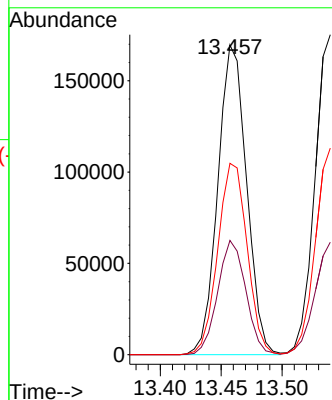
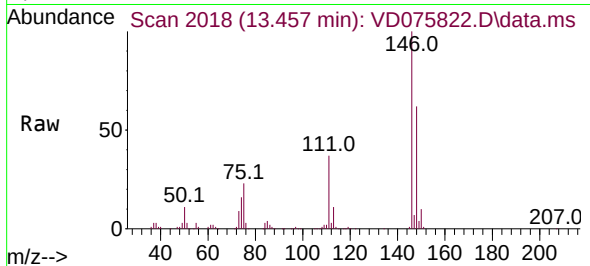




#64
1,3-Dichlorobenzene
Concen: 26.091 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD075822.D
Acq: 25 Apr 2023 20:20

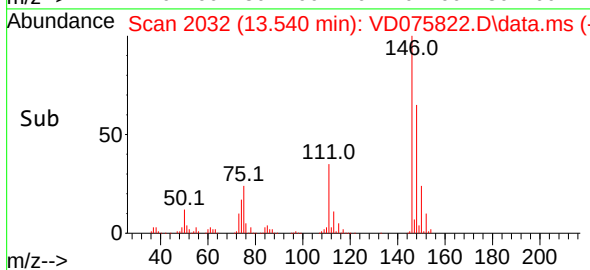
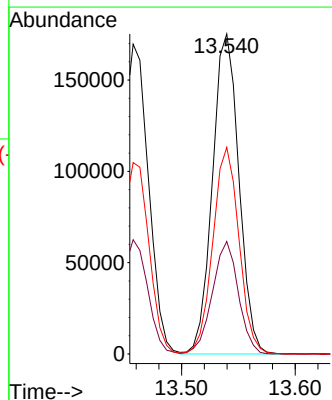
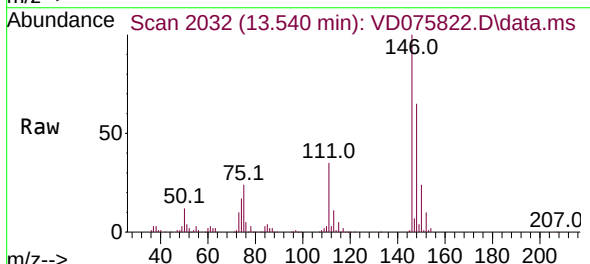
Instrument :
MSVOA_D
ClientSampleId :
VSTD025131

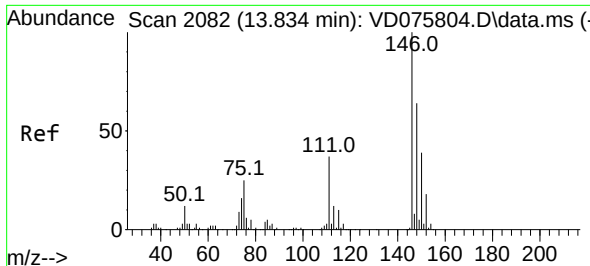
Tgt Ion:146 Resp: 278881
Ion Ratio Lower Upper
146 100
111 36.9 26.5 49.1
148 61.8 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 25.296 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075822.D
Acq: 25 Apr 2023 20:20

Tgt Ion:146 Resp: 283779
Ion Ratio Lower Upper
146 100
111 35.1 24.6 45.8
148 64.5 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 26.277 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075822.D

Acq: 25 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

VSTD025131

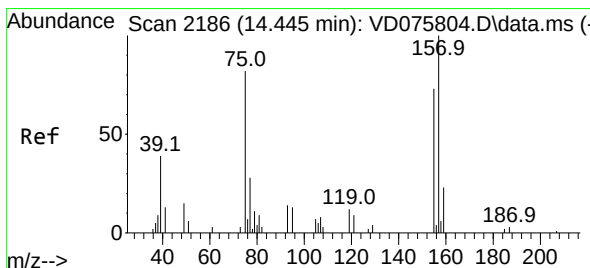
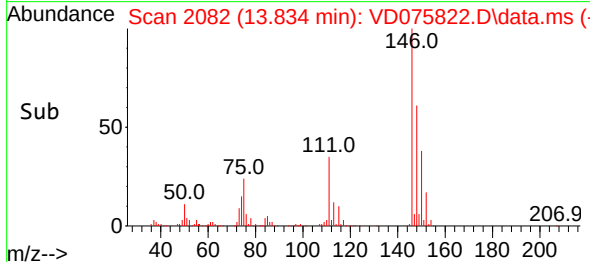
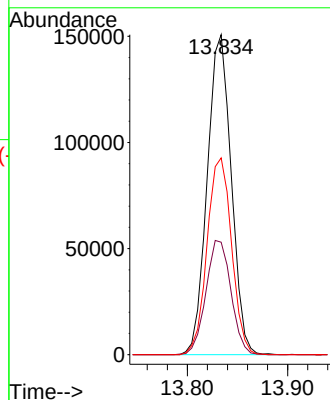
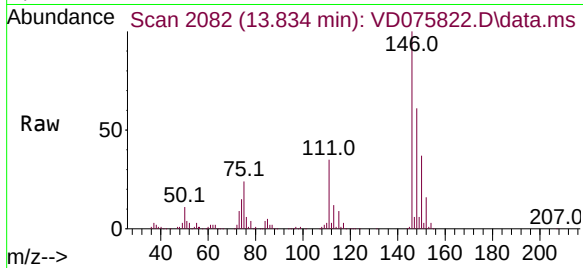
Tgt Ion:146 Resp: 250822

Ion Ratio Lower Upper

146 100

111 35.2 30.6 46.0

148 61.5 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 24.272 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD075822.D

Acq: 25 Apr 2023 20:20

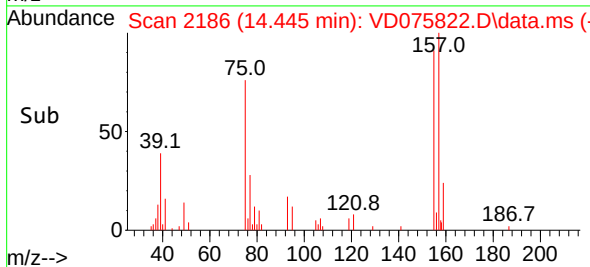
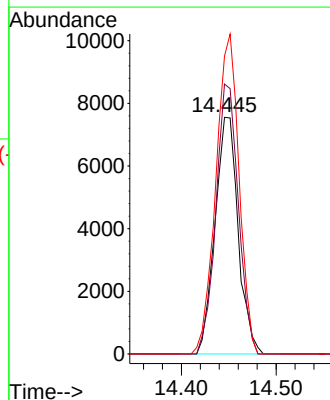
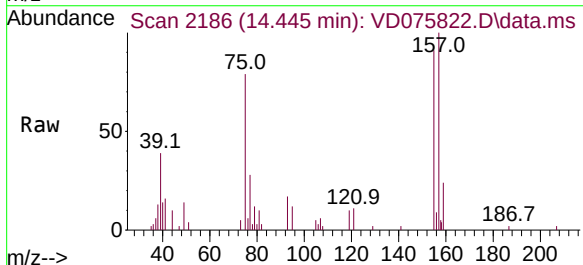
Tgt Ion: 75 Resp: 12842

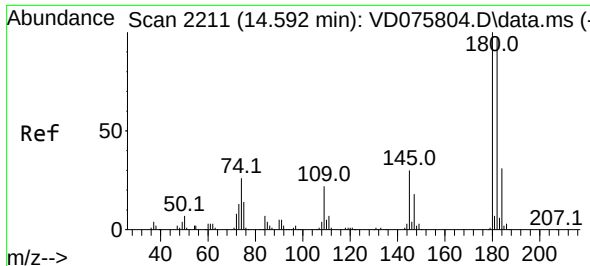
Ion Ratio Lower Upper

75 100

155 114.0 74.6 111.8#

157 125.9 109.4 164.2



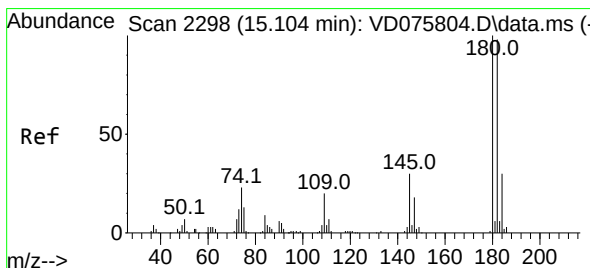
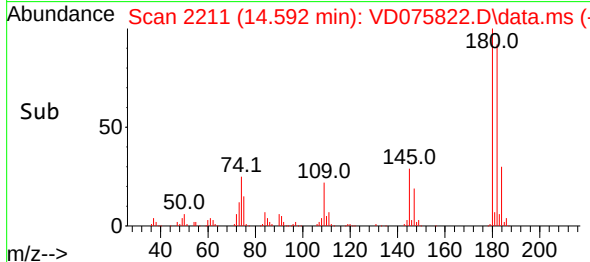
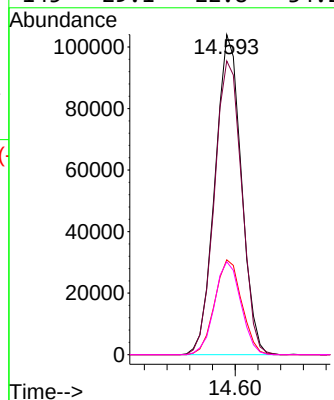
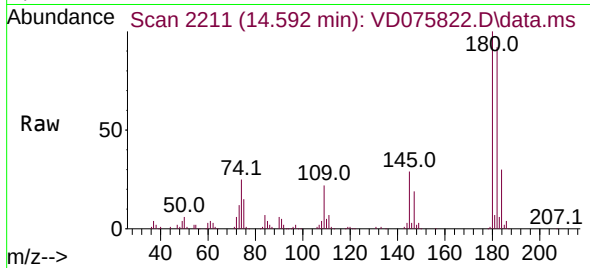


#69
 1,3,5-Trichlorobenzene
 Concen: 23.347 ug/L
 RT: 14.592 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VD075822.D
 Acq: 25 Apr 2023 20:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025131

Tgt Ion:180 Resp: 167269

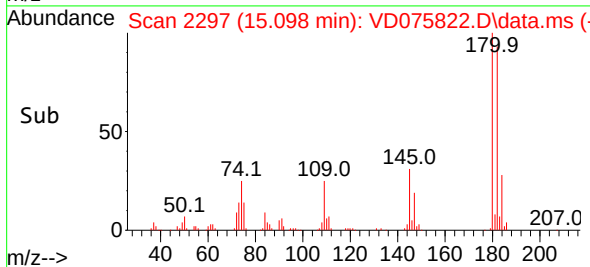
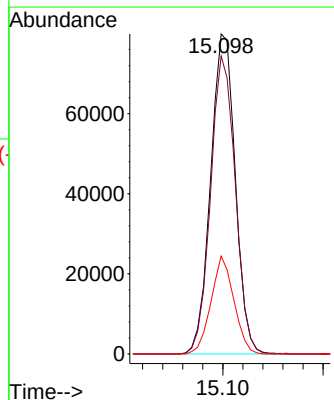
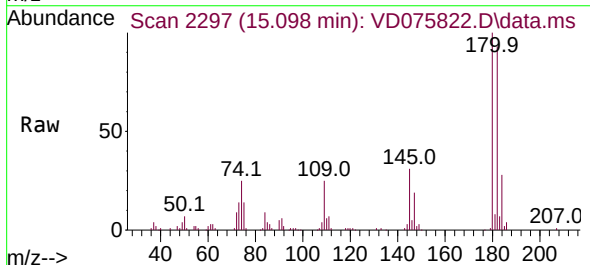
Ion	Ratio	Lower	Upper
180	100		
182	95.1	74.9	112.3
184	30.4	25.0	37.4
145	29.1	22.8	34.2

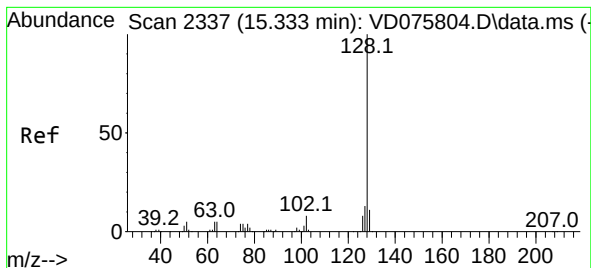


#70
 1,2,4-trichlorobenzene
 Concen: 22.997 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.006 min
 Lab File: VD075822.D
 Acq: 25 Apr 2023 20:20

Tgt Ion:180 Resp: 136535

Ion	Ratio	Lower	Upper
180	100		
182	93.0	75.4	113.2
145	28.3	23.6	35.4





#71

Naphthalene

Concen: 24.463 ug/L

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD075822.D

Acq: 25 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

VSTD025131

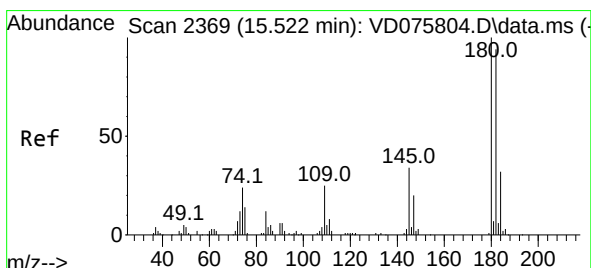
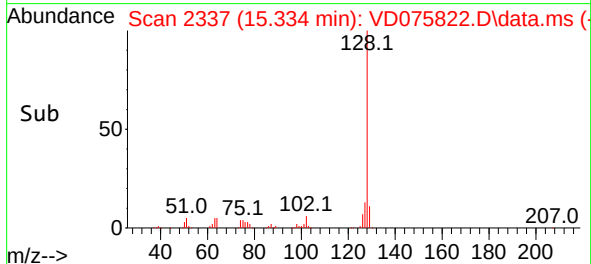
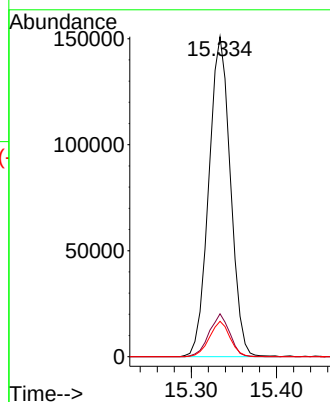
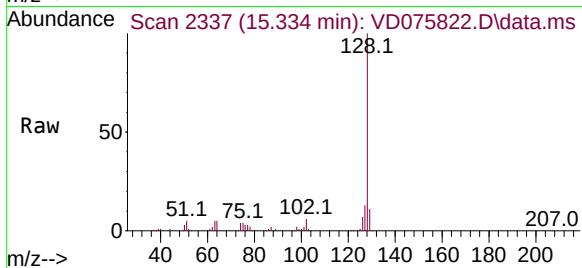
Tgt Ion:128 Resp: 265786

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 10.5 9.1 13.7



#72

1,2,3-Trichlorobenzene

Concen: 24.178 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD075822.D

Acq: 25 Apr 2023 20:20

Tgt Ion:180 Resp: 128137

Ion Ratio Lower Upper

180 100

182 94.0 76.3 114.5

145 31.2 25.0 37.6

