

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
 Data File : VD075852.D
 Acq On : 26 Apr 2023 23:28
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025134

Quant Time: Apr 27 02:08:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 27 02:02:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	366517	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	335263	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	165778	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	190785	23.728	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.920%
7) Chloroethane-d5	2.805	69	165628	23.841	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.360%
11) 1,1-Dichloroethene-d2	3.916	65	46135	24.888	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.560%
21) 2-Butanone-d5	6.987	46	38204	54.733	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.460%
24) Chloroform-d	7.569	84	230467	25.145	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	8.228	65	100555	25.691	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.760%
32) Benzene-d6	8.199	84	491926	25.175	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.680%
36) 1,2-Dichloropropane-d6	9.210	67	137120	25.352	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.400%
41) Toluene-d8	10.269	98	467471	25.553	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.200%
43) trans-1,3-Dichloroprop...	10.522	79	55762	24.943	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.760%
47) 2-Hexanone-d5	10.875	63	34956	53.676	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.360%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	107939	26.080	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.320%
66) 1,2-Dichlorobenzene-d4	13.816	152	146735	25.024	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	131982	26.121	ug/L	100
3) Chloromethane	2.146	50	180356	25.606	ug/L	100
5) Vinyl chloride	2.287	62	225836	24.532	ug/L	99
6) Bromomethane	2.699	94	156201	25.252	ug/L	96
8) Chloroethane	2.840	64	146684	24.638	ug/L	99
9) Trichlorofluoromethane	3.181	101	187322	25.325	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	129359	26.032	ug/L	97
12) 1,1-Dichloroethene	3.946	96	125817	26.108	ug/L	82
13) Acetone	4.022	43	29087	48.695	ug/L	98
14) Carbon disulfide	4.275	76	417427	24.799	ug/L	99
15) Methyl Acetate	4.558	43	18314	14.147	ug/L #	51
16) Methylene chloride	4.799	84	153569	20.654	ug/L	98
17) trans-1,2-Dichloroethene	5.316	96	138911	25.707	ug/L	96
18) Methyl tert-butyl Ether	5.322	73	226777	26.163	ug/L	100
19) 1,1-Dichloroethane	6.116	63	209380	26.450	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	149616	26.185	ug/L	95
22) 2-Butanone	7.081	43	25369	32.577	ug/L #	59
23) Bromochloromethane	7.428	128	72045	27.188	ug/L	98
25) Chloroform	7.593	83	227304	25.620	ug/L	98

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

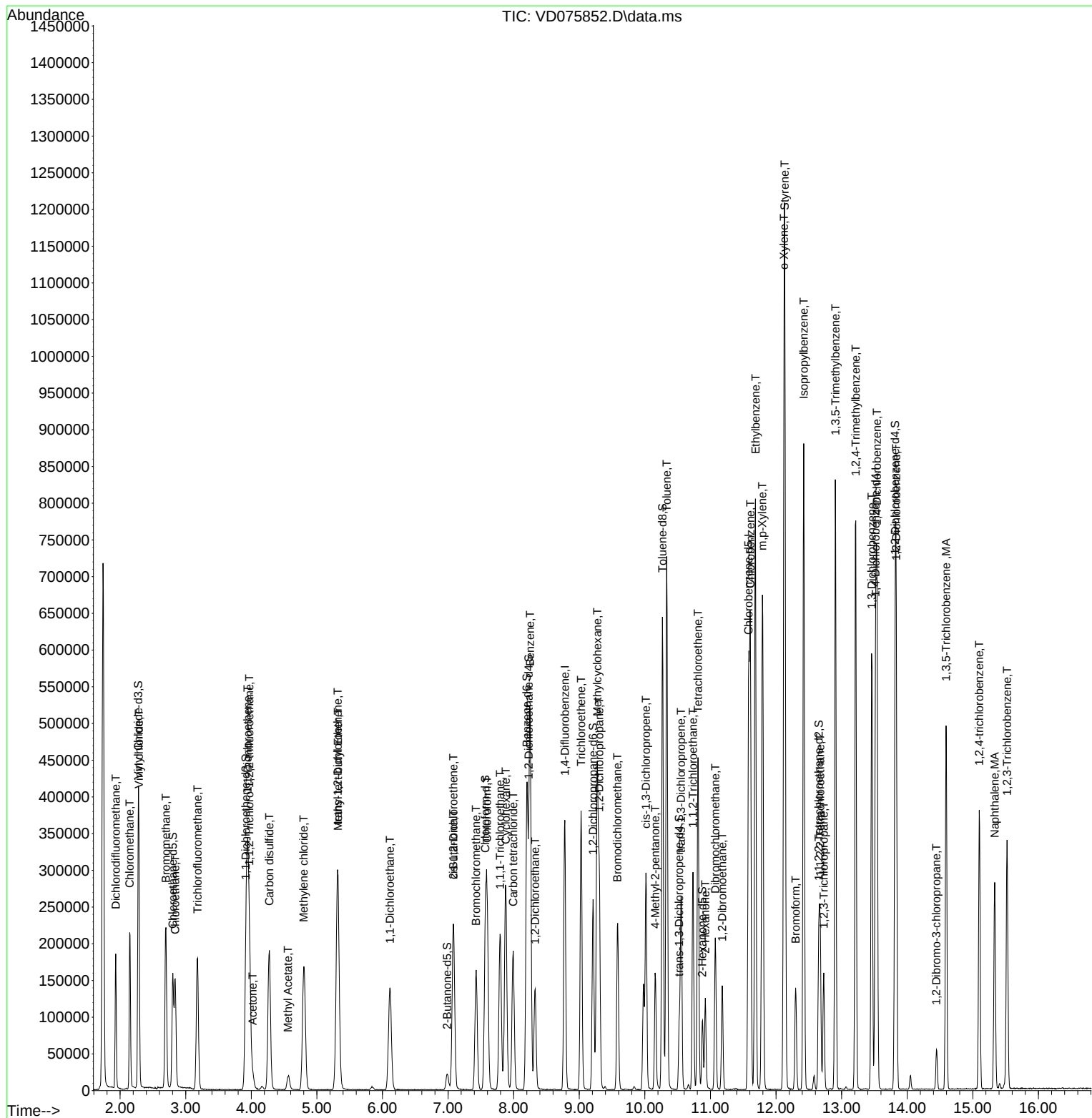
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	124201	27.121	ug/L	97
29) Cyclohexane	7.881	56	151616	26.417	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	184015	25.942	ug/L	99
31) Carbon tetrachloride	7.993	117	148338	26.066	ug/L	98
33) Benzene	8.251	78	528975	26.084	ug/L	100
34) Trichloroethene	9.028	95	133891	25.530	ug/L	94
35) Methylcyclohexane	9.275	83	207805	25.700	ug/L	99
37) 1,2-Dichloropropane	9.304	63	123927	26.603	ug/L	98
38) Bromodichloromethane	9.581	83	161722	25.747	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	196602	26.537	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	95268	56.092	ug/L	99
42) Toluene	10.334	91	591753	26.964	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	158576	26.645	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	102006	25.739	ug/L	97
46) Tetrachloroethene	10.810	164	113329	26.346	ug/L	99
48) 2-Hexanone	10.922	43	68084	56.862	ug/L	93
49) Dibromochloromethane	11.075	129	114481	26.535	ug/L	99
50) 1,2-Dibromoethane	11.181	107	94482	26.443	ug/L #	99
51) Chlorobenzene	11.610	112	377474	26.292	ug/L	99
52) Ethylbenzene	11.687	91	602166	26.758	ug/L	99
53) m,p-Xylene	11.792	106	243965	27.225	ug/L	100
54) o-Xylene	12.122	106	228427	26.839	ug/L	100
55) Styrene	12.134	104	410294	27.697	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	107918	26.763	ug/L	98
59) Bromoform	12.298	173	67234	26.463	ug/L	100
60) Isopropylbenzene	12.422	105	582684	26.508	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	69715	26.770	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	444397	27.112	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	431884	27.333	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	279381	26.563	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	284398	25.764	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	246521	26.247	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	13921	26.740	ug/L	95
69) 1,3,5-Trichlorobenzene	14.592	180	164807	23.378	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	132851	22.740	ug/L	99
71) Naphthalene	15.333	128	263153	24.615	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	125700	24.104	ug/L	100

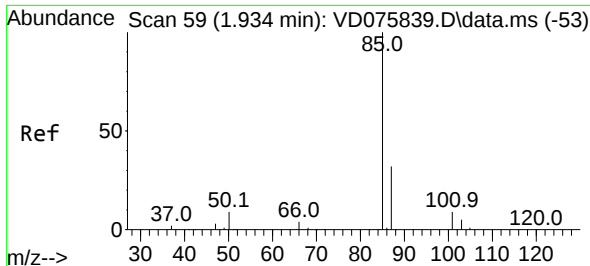
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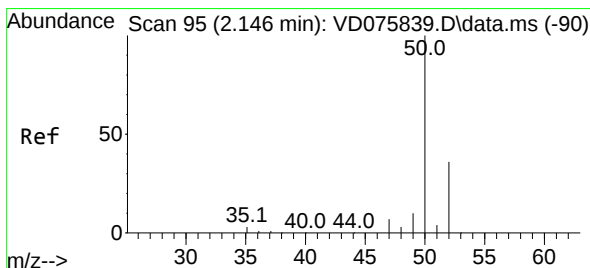
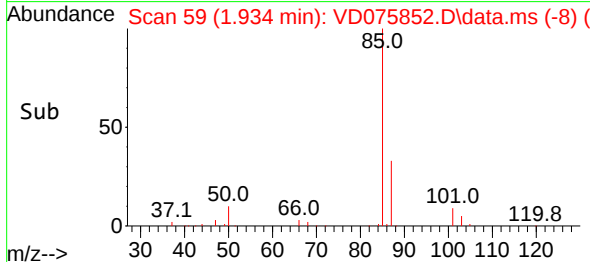
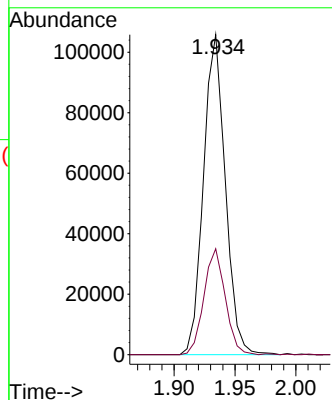
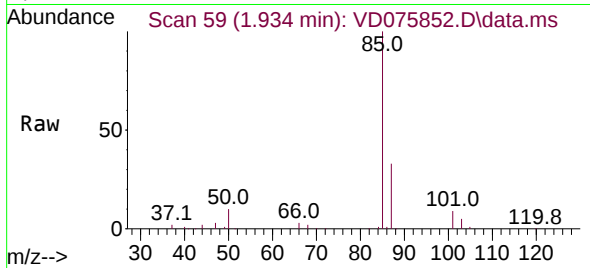




#2
 Dichlorodifluoromethane
 Concen: 26.121 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD075852.D
 Acq: 26 Apr 2023 23:28

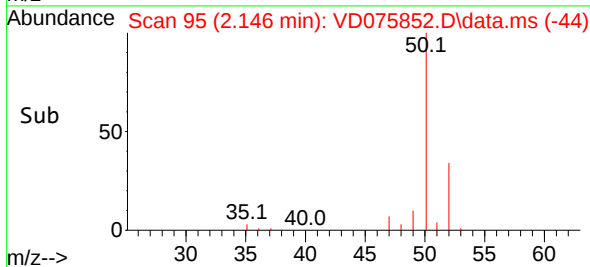
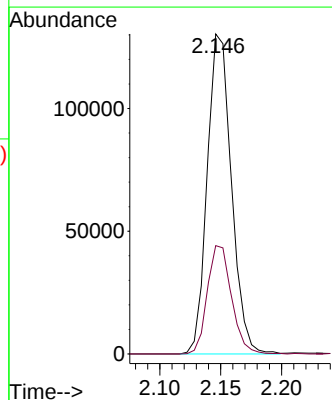
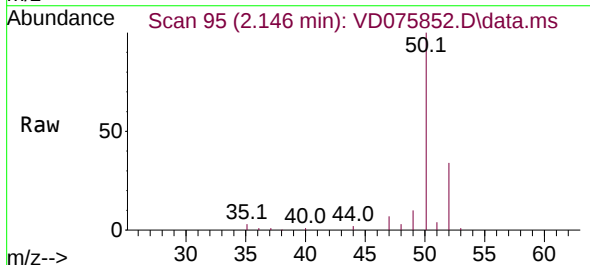
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025134

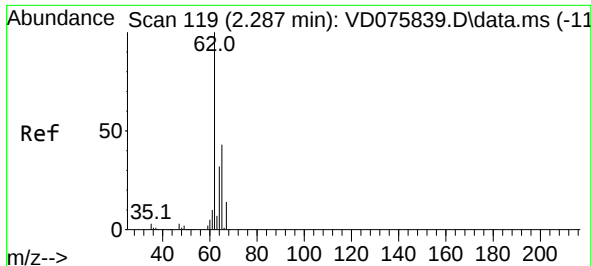
Tgt Ion: 85 Resp: 131982
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.8



#3
 Chloromethane
 Concen: 25.606 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD075852.D
 Acq: 26 Apr 2023 23:28

Tgt Ion: 50 Resp: 180356
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.7 44.1

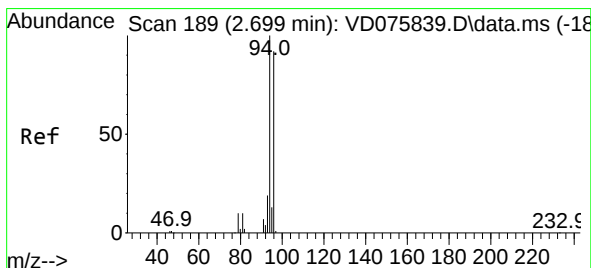
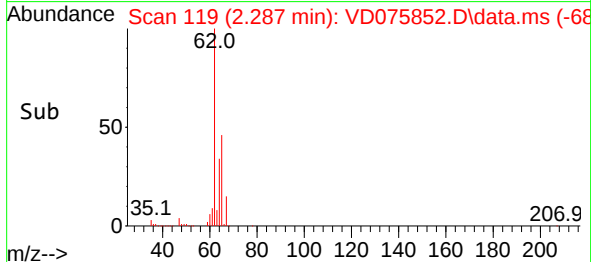
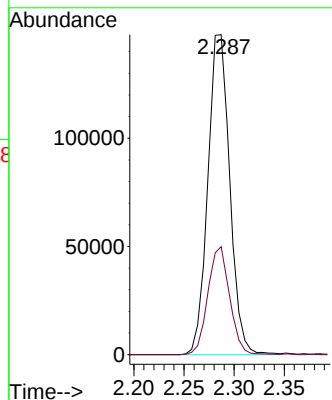
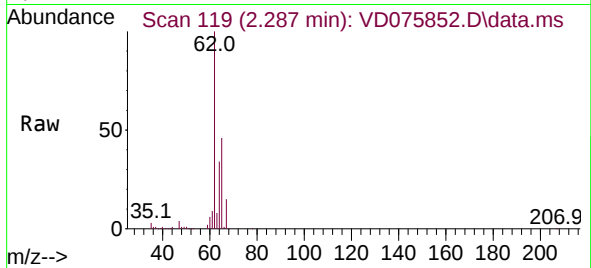




#5
 Vinyl chloride
 Concen: 24.532 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VD075852.D
 Acq: 26 Apr 2023 23:28

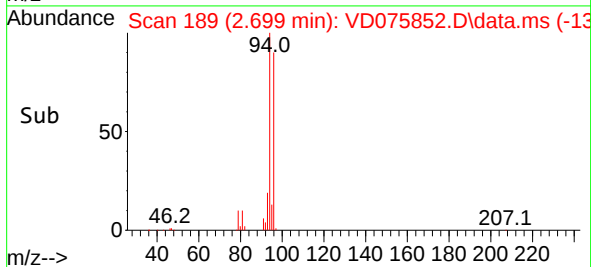
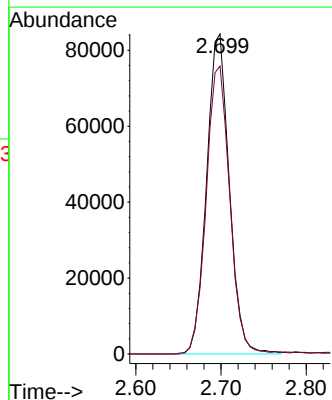
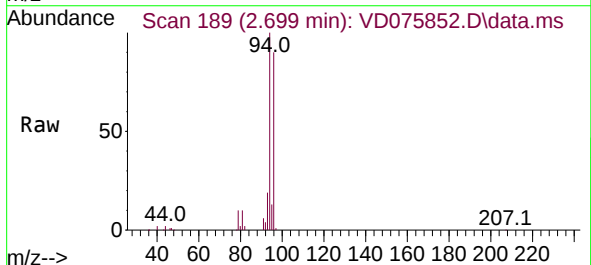
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025134

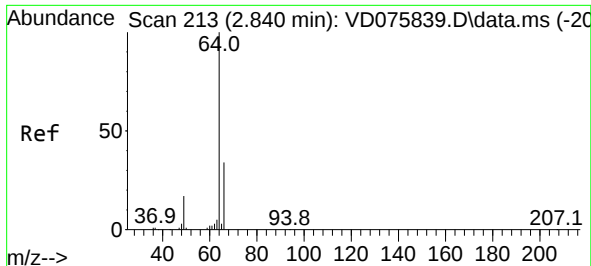
Tgt Ion: 62 Resp: 225836
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.2 43.0



#6
 Bromomethane
 Concen: 25.252 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. -0.000 min
 Lab File: VD075852.D
 Acq: 26 Apr 2023 23:28

Tgt Ion: 94 Resp: 156201
 Ion Ratio Lower Upper
 94 100
 96 89.9 65.7 121.9

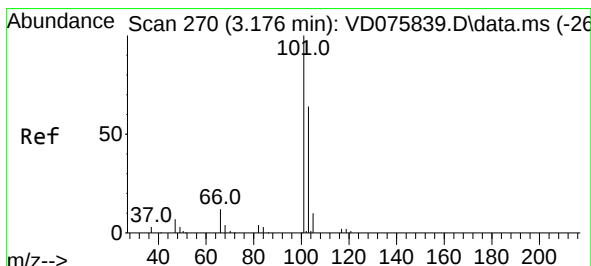
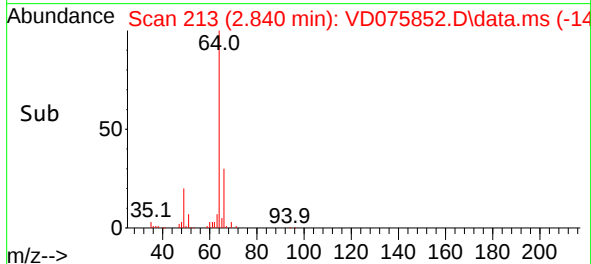
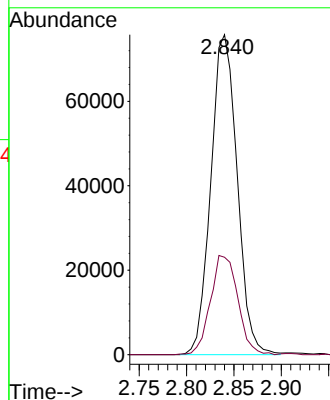
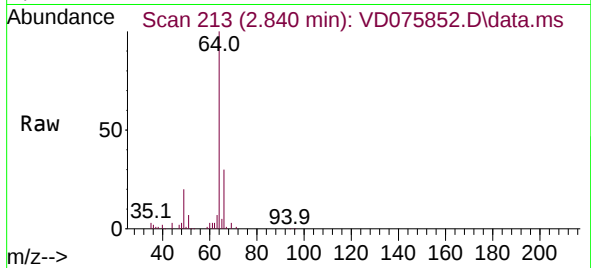




#8
Chloroethane
Concen: 24.638 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

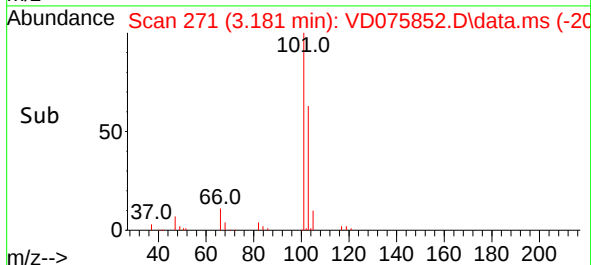
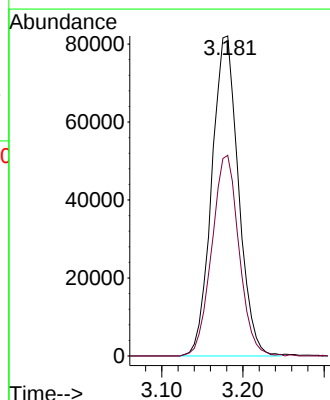
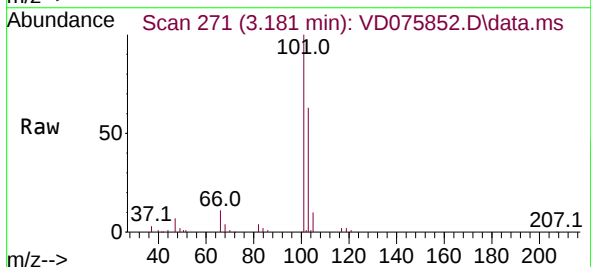
Instrument :
MSVOA_D
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VSTD025134

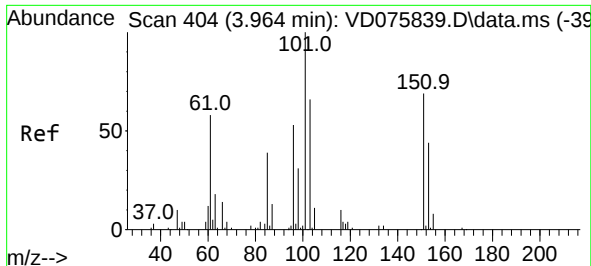
Tgt Ion: 64 Resp: 146684
Ion Ratio Lower Upper
64 100
66 30.5 21.8 40.4



#9
Trichlorofluoromethane
Concen: 25.325 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.006 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

Tgt Ion:101 Resp: 187322
Ion Ratio Lower Upper
101 100
103 63.8 52.2 78.4





#10

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

Concen: 26.032 ug/L

RT: 3.969 min Scan# 405

Delta R.T. 0.006 min

Lab File: VD075852.D

Acq: 26 Apr 2023 23:28

Instrument :

MSVOA_D

ClientSampleId :

VSTD025134

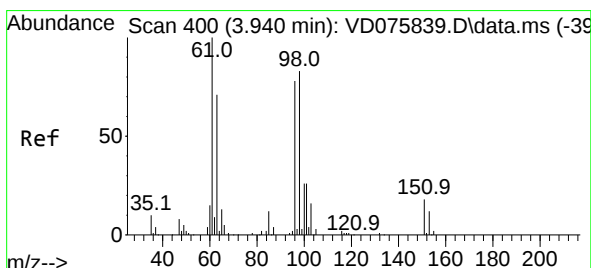
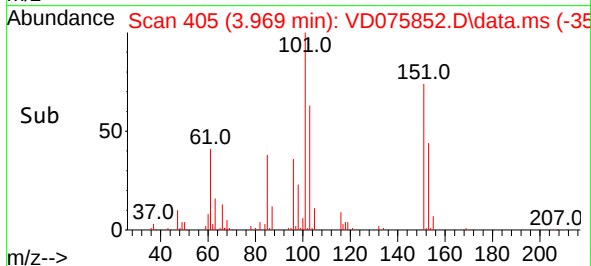
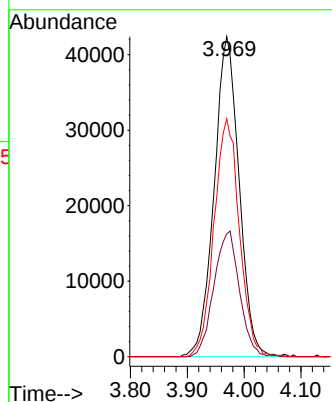
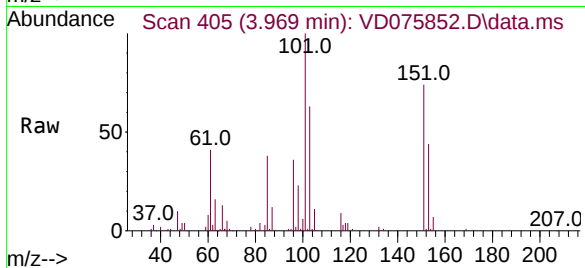
Tgt Ion:101 Resp: 129359

Ion Ratio Lower Upper

101 100

85 40.0 32.9 49.3

151 74.9 57.2 85.8



#12

1,1-Dichloroethene

Concen: 26.108 ug/L

RT: 3.946 min Scan# 401

Delta R.T. 0.006 min

Lab File: VD075852.D

Acq: 26 Apr 2023 23:28

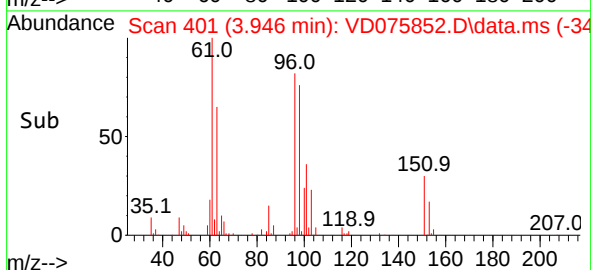
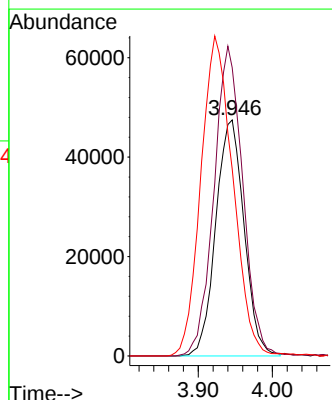
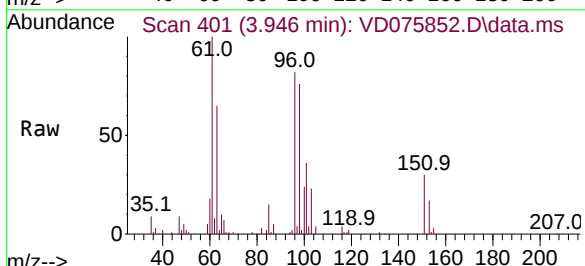
Tgt Ion: 96 Resp: 125817

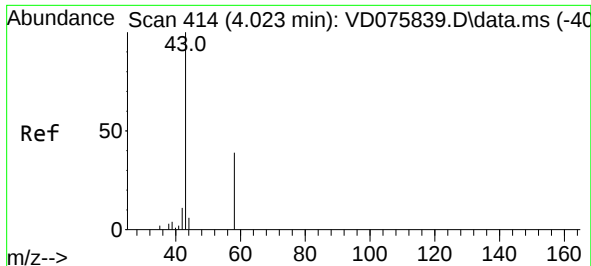
Ion Ratio Lower Upper

96 100

61 122.1 92.6 172.0

63 79.3 77.4 143.8





#13

Acetone

Concen: 48.695 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

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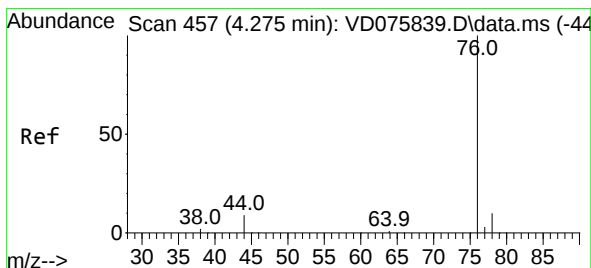
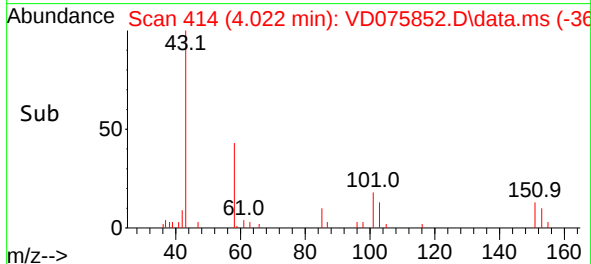
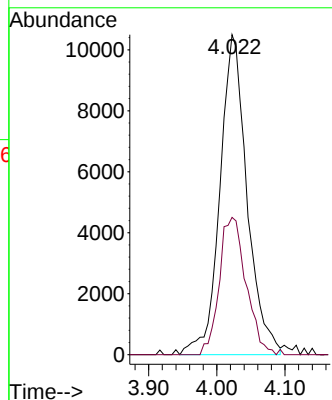
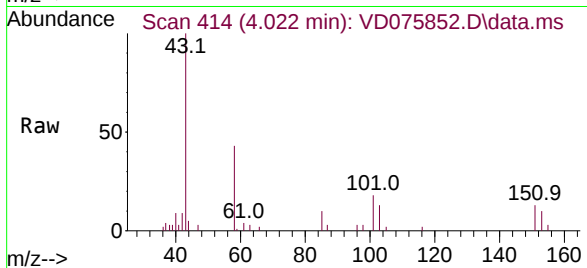
VSTD025134

Tgt Ion: 43 Resp: 29087

Ion Ratio Lower Upper

43 100

58 42.2 0.0 87.4



#14

Carbon disulfide

Concen: 24.799 ug/L

RT: 4.275 min Scan# 457

Delta R.T. -0.000 min

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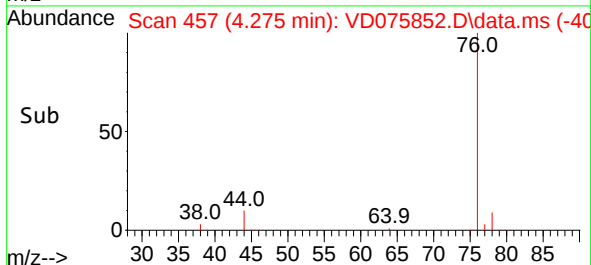
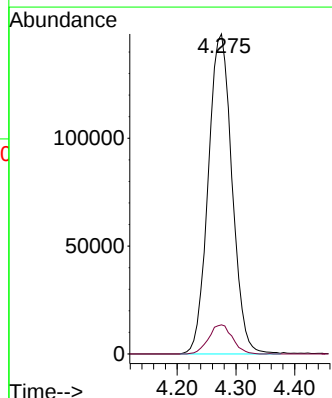
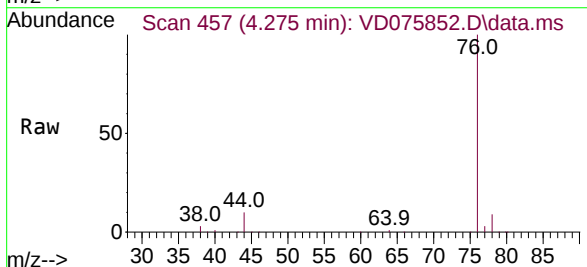
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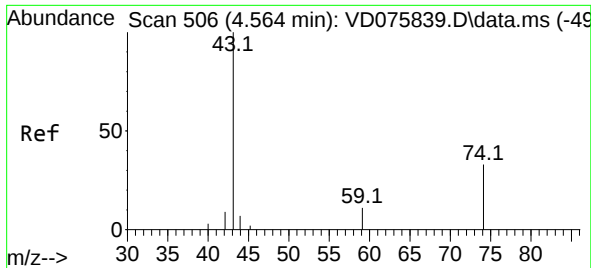
Tgt Ion: 76 Resp: 417427

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6

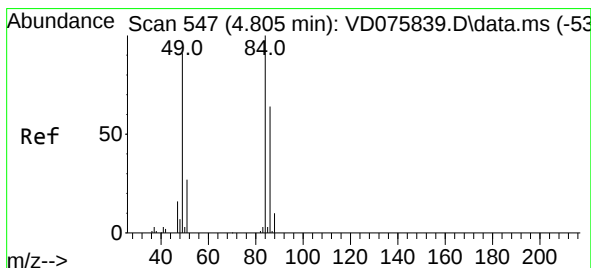
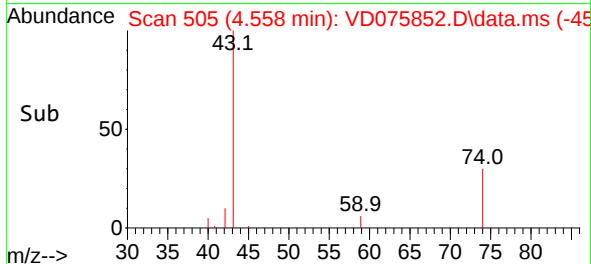
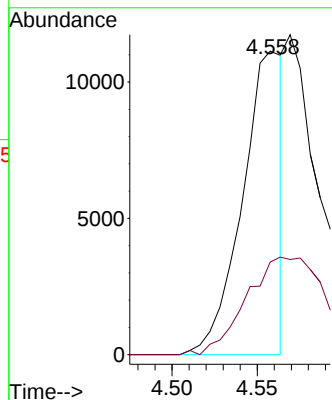
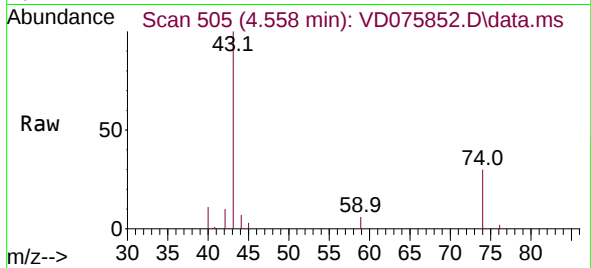




#15
Methyl Acetate
Concen: 14.147 ug/L
RT: 4.558 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

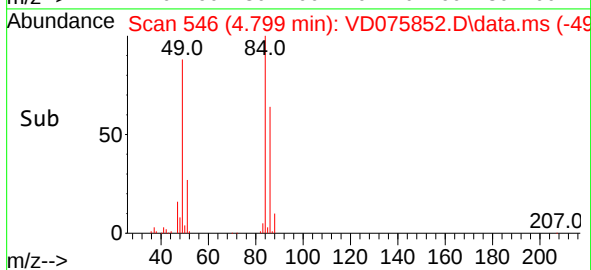
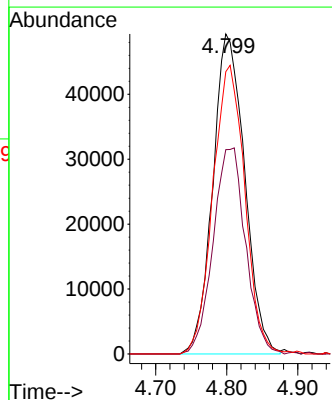
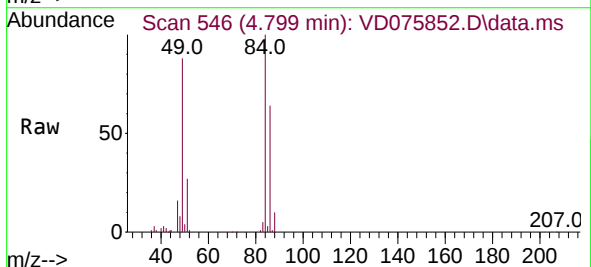
Instrument :
MSVOA_D
ClientSampleId :
VSTD025134

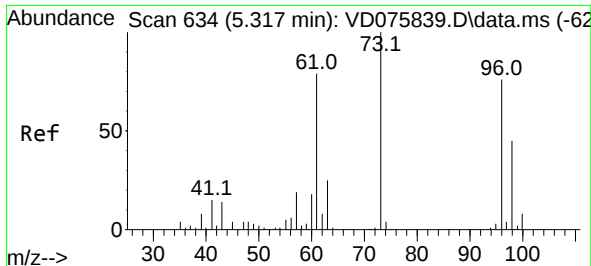
Tgt Ion: 43 Resp: 18314
Ion Ratio Lower Upper
43 100
74 36.7 12.8 19.2#



#16
Methylene chloride
Concen: 20.654 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

Tgt Ion: 84 Resp: 153569
Ion Ratio Lower Upper
84 100
86 63.8 45.8 85.2
49 88.2 60.8 112.8

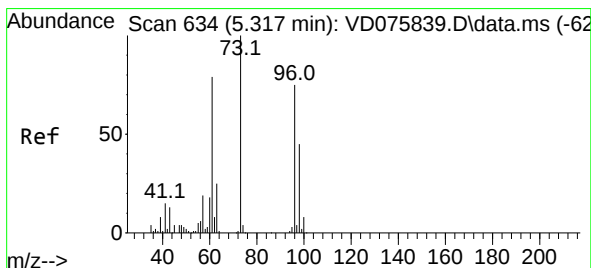
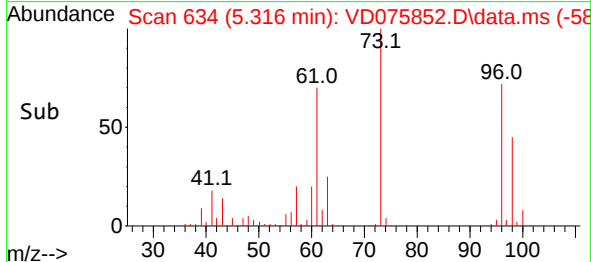
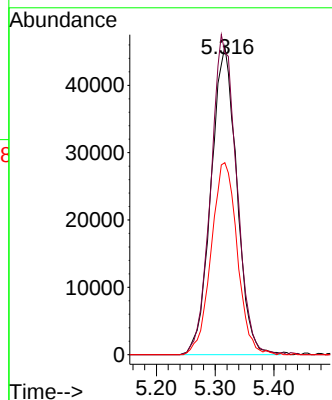
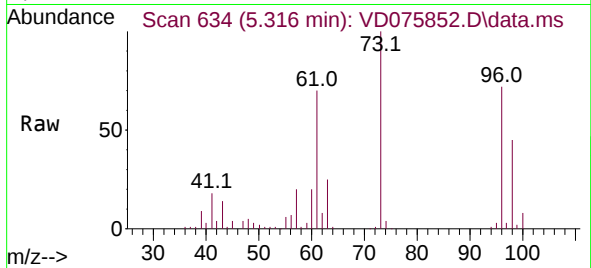




#17
trans-1,2-Dichloroethene
Concen: 25.707 ug/L
RT: 5.316 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

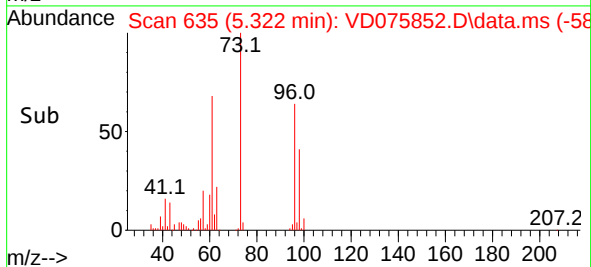
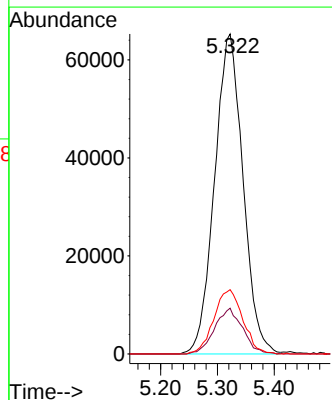
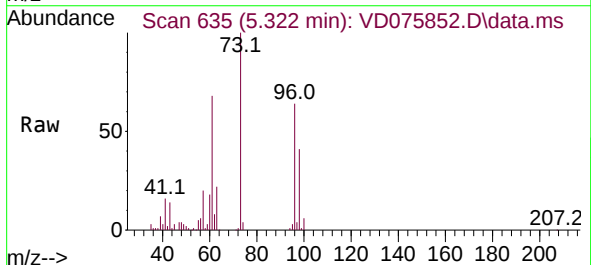
Instrument :
MSVOA_D
ClientSampleId :
VSTD025134

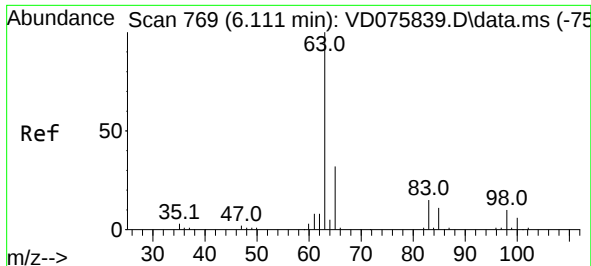
Tgt Ion: 96 Resp: 138911
Ion Ratio Lower Upper
96 100
61 98.0 72.9 135.5
98 62.2 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 26.163 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

Tgt Ion: 73 Resp: 226777
Ion Ratio Lower Upper
73 100
43 14.1 11.3 16.9
57 20.4 16.3 24.5





#19

1,1-Dichloroethane

Concen: 26.450 ug/L

RT: 6.116 min Scan# 71

Delta R.T. 0.006 min

Lab File: VD075852.D

Acq: 26 Apr 2023 23:28

Instrument :

MSVOA_D

ClientSampleId :

VSTD025134

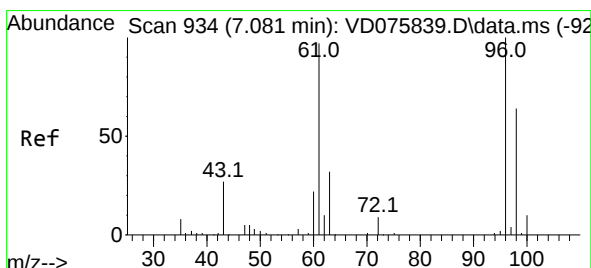
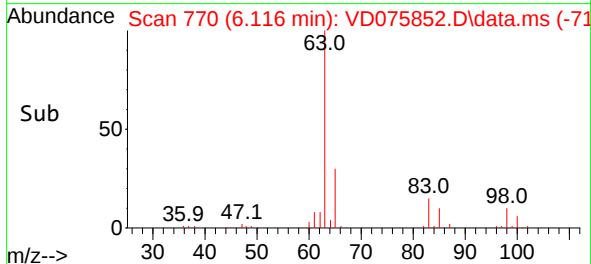
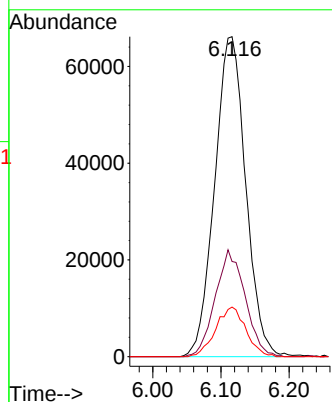
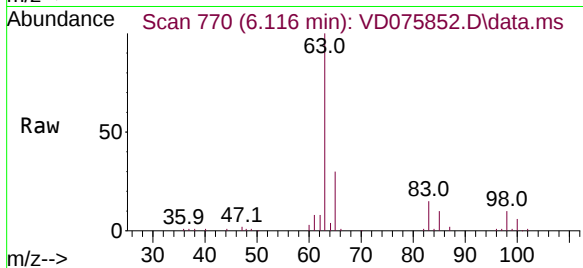
Tgt Ion: 63 Resp: 209380

Ion Ratio Lower Upper

63 100

65 29.8 22.8 42.4

83 15.5 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 26.185 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD075852.D

Acq: 26 Apr 2023 23:28

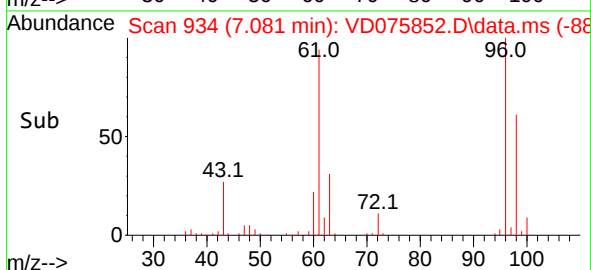
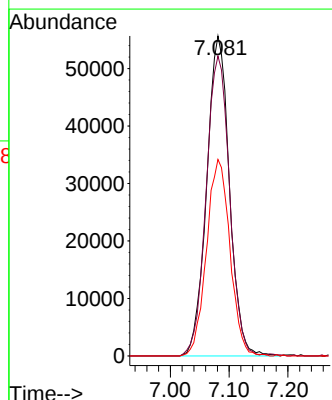
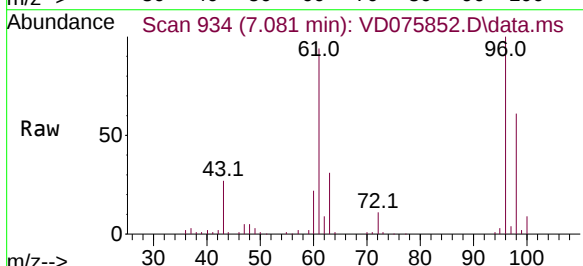
Tgt Ion: 96 Resp: 149616

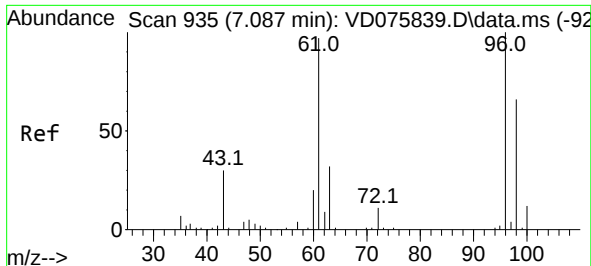
Ion Ratio Lower Upper

96 100

61 93.7 67.5 125.3

98 61.4 47.5 88.1

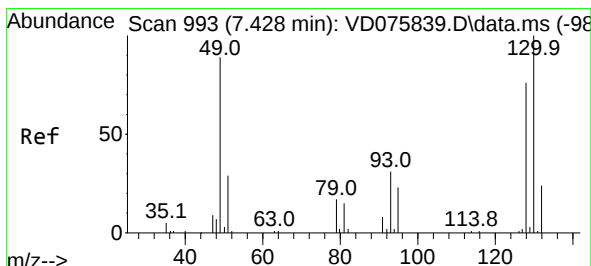
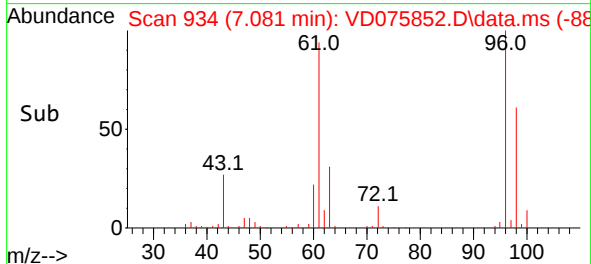
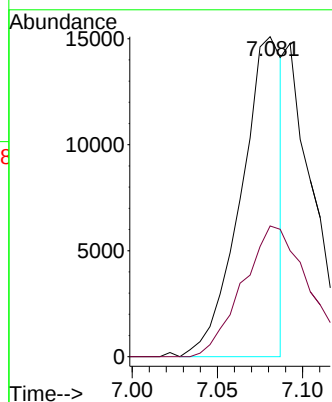
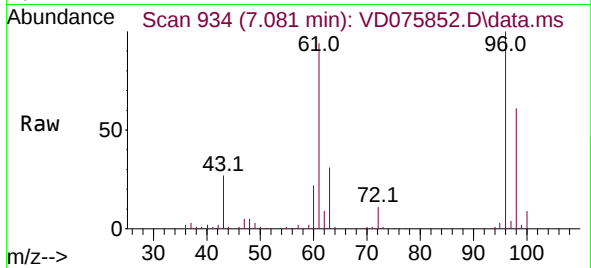




#22
2-Butanone
Concen: 32.577 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

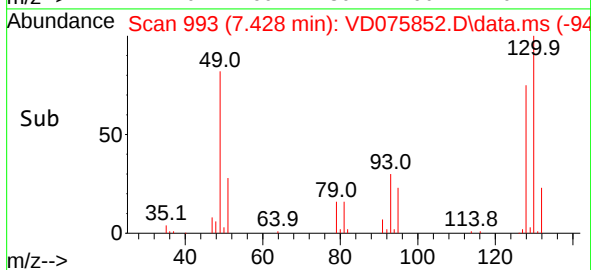
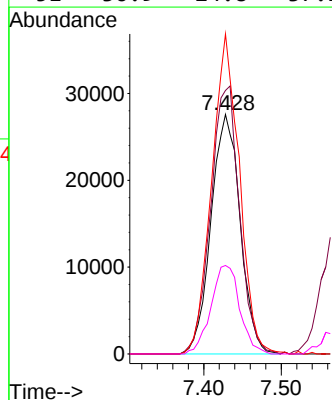
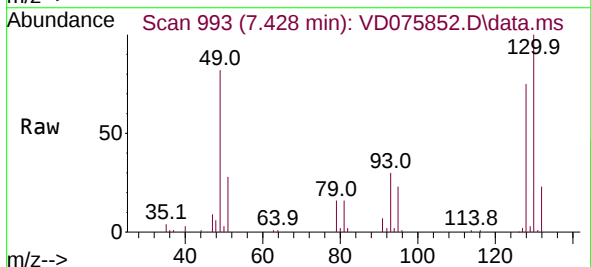
Instrument :
MSVOA_D
ClientSampleId :
VSTD025134

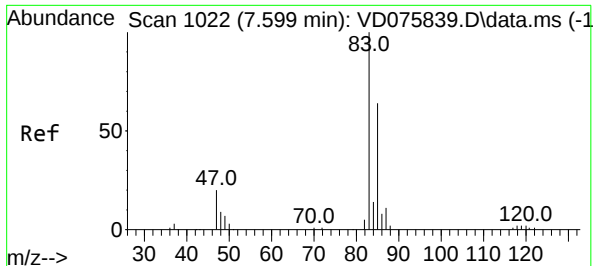
Tgt Ion: 43 Resp: 25369
Ion Ratio Lower Upper
43 100
72 66.3 20.5 61.5#



#23
Bromochloromethane
Concen: 27.188 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

Tgt Ion:128 Resp: 72045
Ion Ratio Lower Upper
128 100
49 110.0 76.4 142.0
130 133.6 93.5 173.7
51 36.9 24.8 37.2





#25

Chloroform

Concen: 25.620 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD075852.D

Acq: 26 Apr 2023 23:28

Instrument :

MSVOA_D

ClientSampleId :

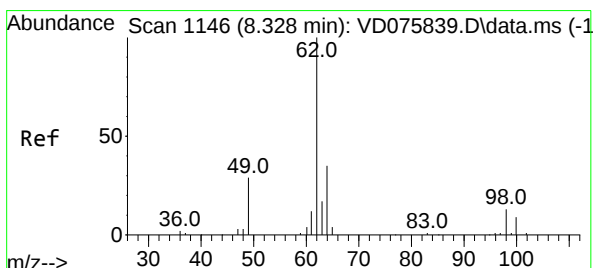
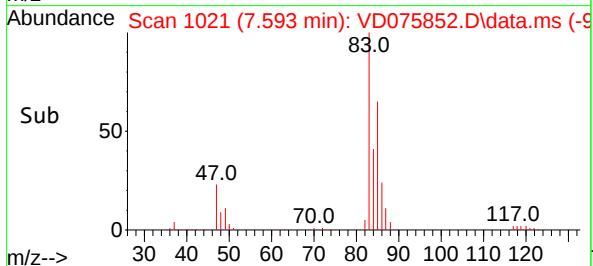
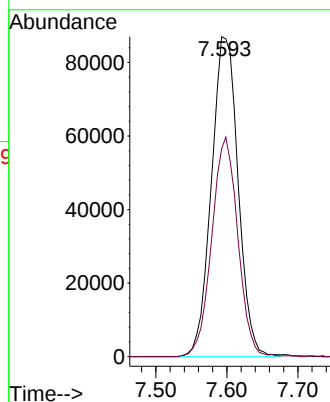
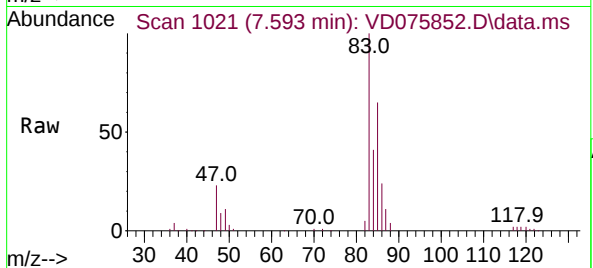
VSTD025134

Tgt Ion: 83 Resp: 227304

Ion Ratio Lower Upper

83 100

85 65.0 44.4 82.5



#27

1,2-Dichloroethane

Concen: 27.121 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD075852.D

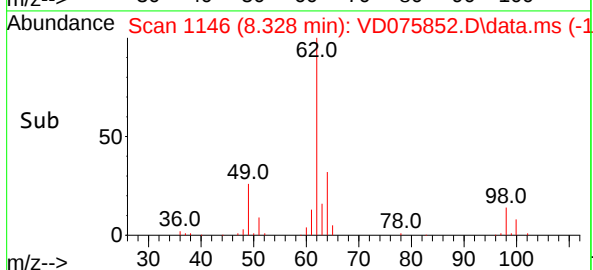
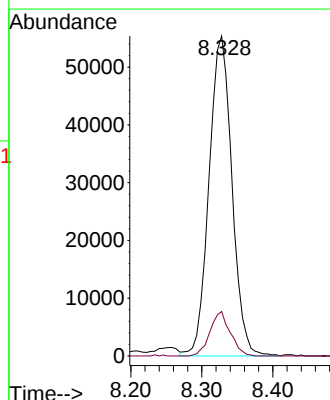
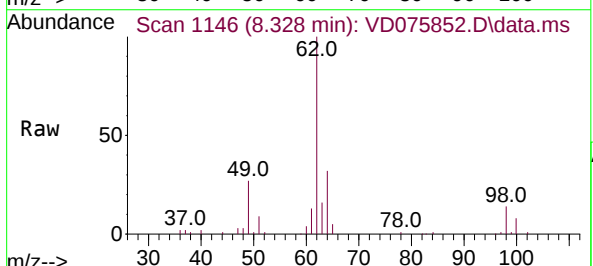
Acq: 26 Apr 2023 23:28

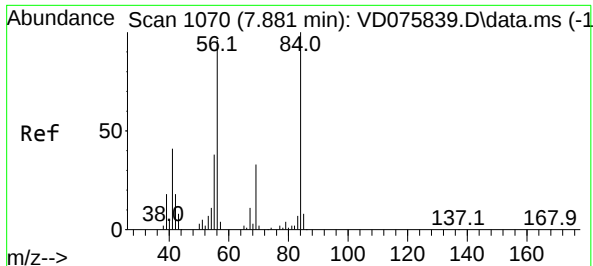
Tgt Ion: 62 Resp: 124201

Ion Ratio Lower Upper

62 100

98 13.9 10.2 15.2





#29

Cyclohexane

Concen: 26.417 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD075852.D

Acq: 26 Apr 2023 23:28

Instrument :

MSVOA_D

ClientSampleId :

VSTD025134

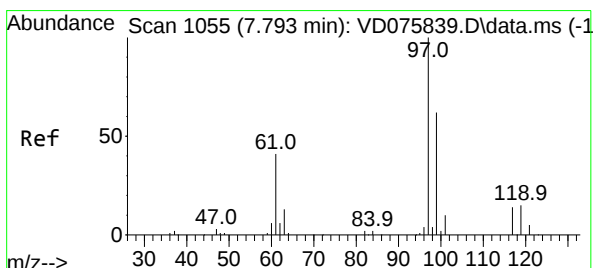
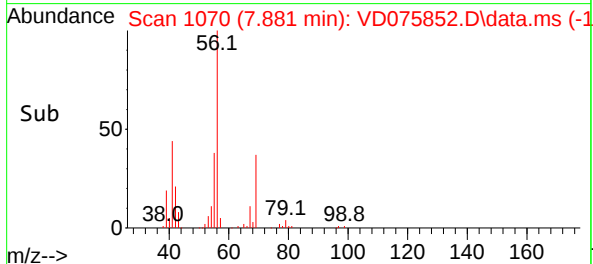
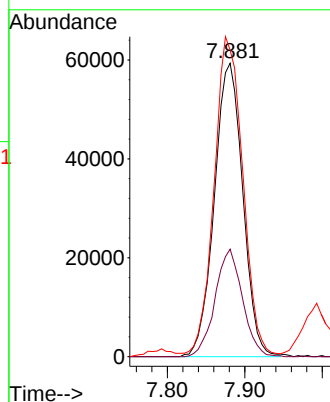
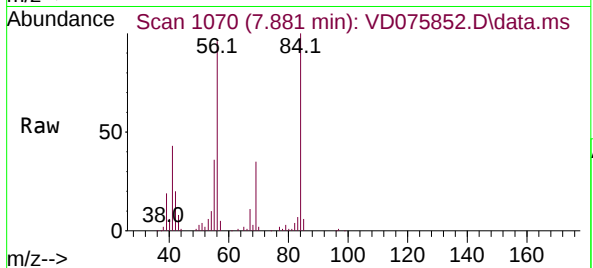
Tgt Ion: 56 Resp: 151616

Ion Ratio Lower Upper

56 100

69 35.2 28.2 42.2

84 110.3 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 25.942 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075852.D

Acq: 26 Apr 2023 23:28

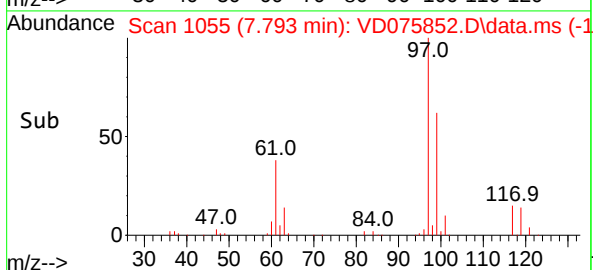
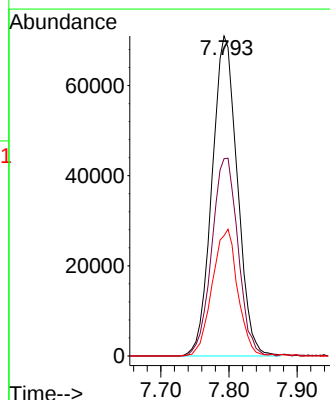
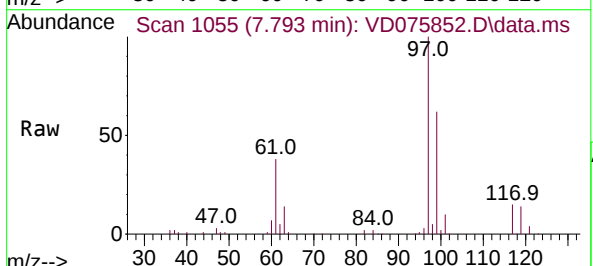
Tgt Ion: 97 Resp: 184015

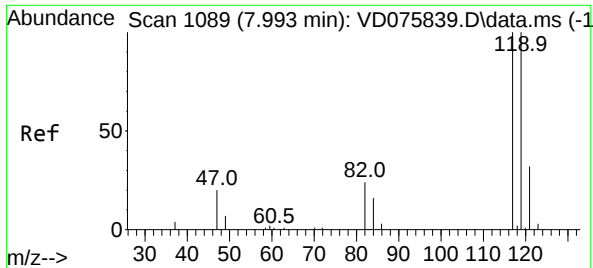
Ion Ratio Lower Upper

97 100

99 63.7 51.5 77.3

61 39.7 32.1 48.1

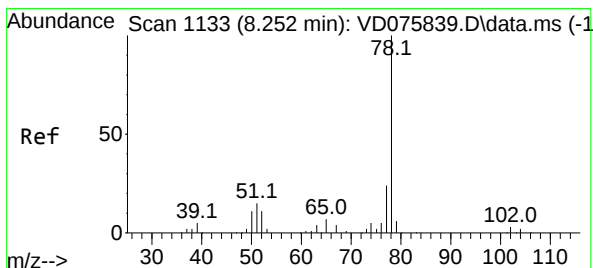
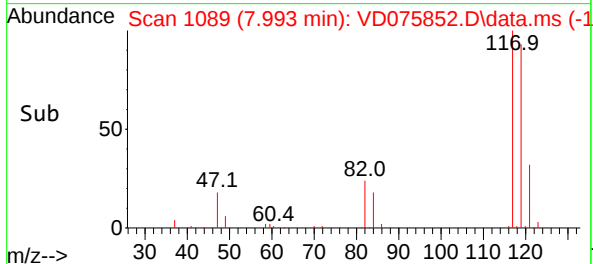
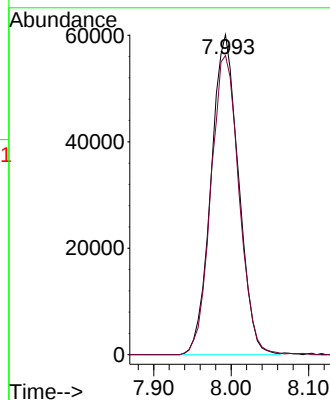
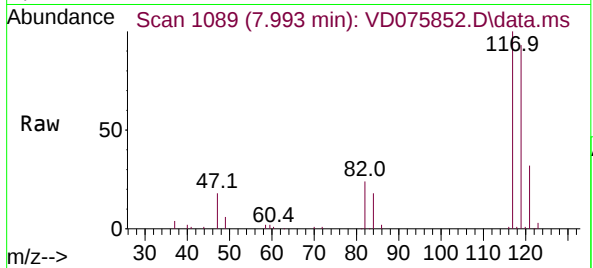




#31
Carbon tetrachloride
Concen: 26.066 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

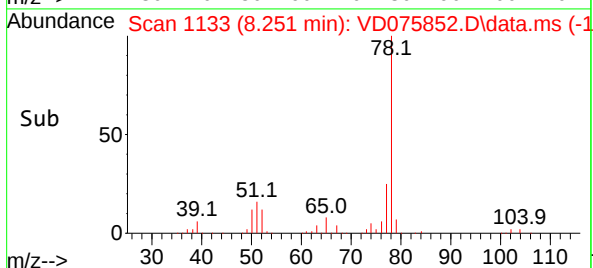
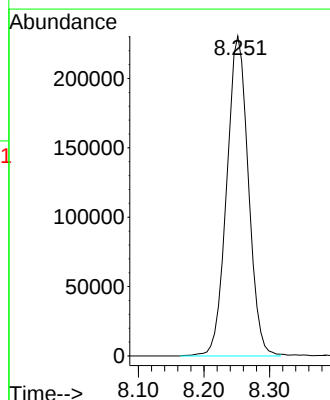
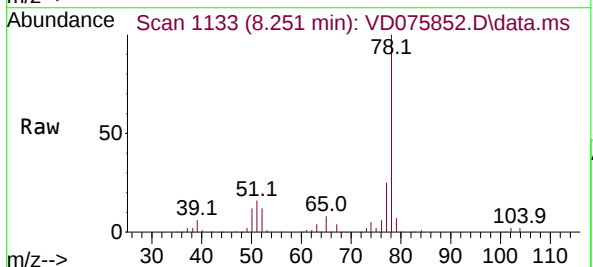
Instrument :
MSVOA_D
ClientSampleId :
VSTD025134

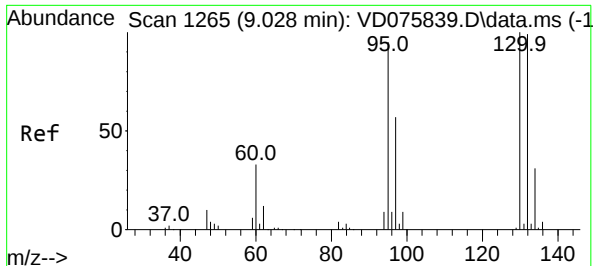
Tgt Ion:117 Resp: 148338
Ion Ratio Lower Upper
117 100
119 95.7 78.2 117.4



#33
Benzene
Concen: 26.084 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

Tgt Ion: 78 Resp: 528975



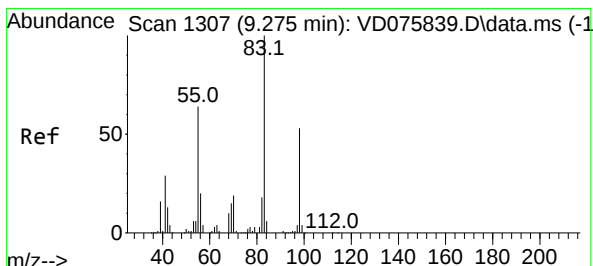
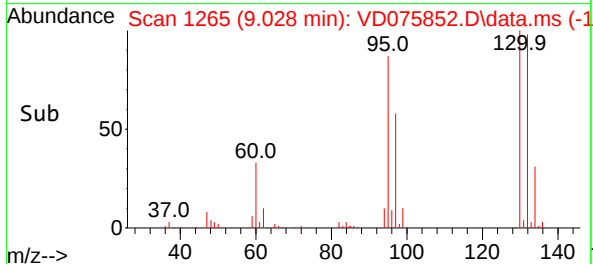
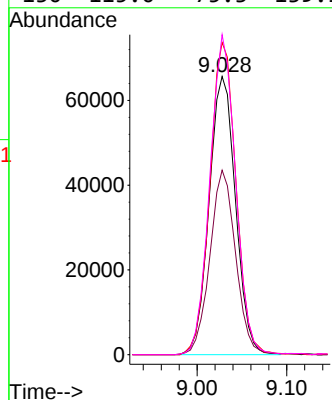
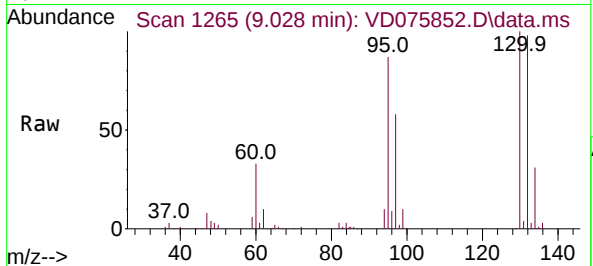


#34
Trichloroethene
Concen: 25.530 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

Instrument :
MSVOA_D
ClientSampleId :
VSTD025134

Tgt Ion: 95 Resp: 133891

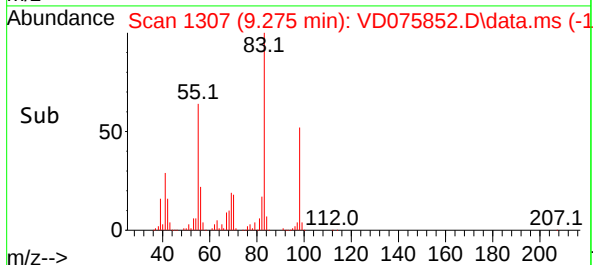
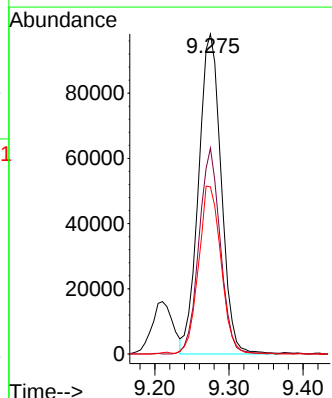
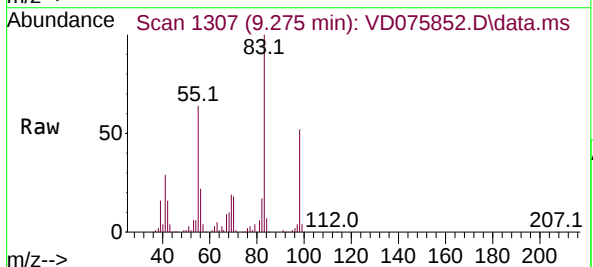
Ion	Ratio	Lower	Upper
95	100		
97	66.3	46.0	85.4
132	112.2	73.3	136.1
130	115.0	75.3	139.9

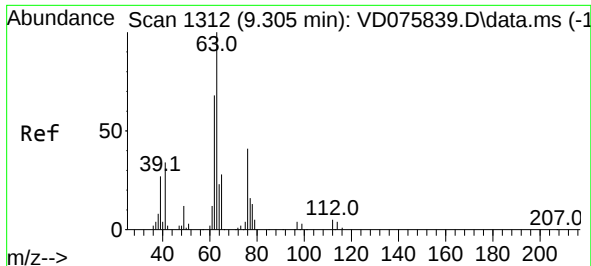


#35
Methylcyclohexane
Concen: 25.700 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

Tgt Ion: 83 Resp: 207805

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: 26.603 ug/L

RT: 9.304 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075852.D

Acq: 26 Apr 2023 23:28

Instrument :

MSVOA_D

ClientSampleId :

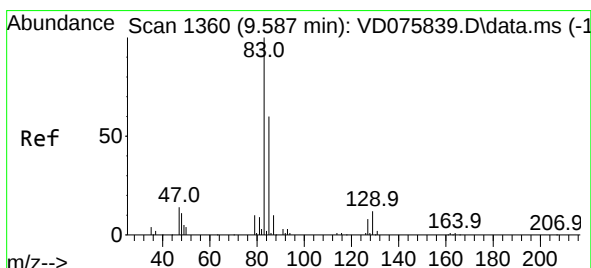
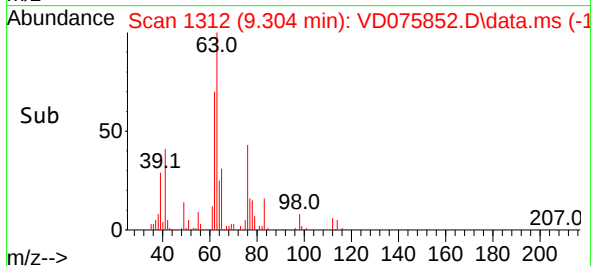
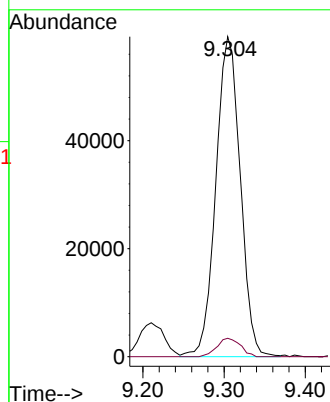
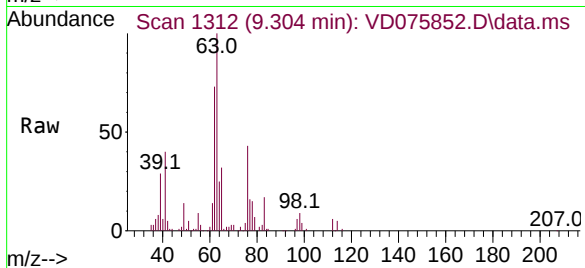
VSTD025134

Tgt Ion: 63 Resp: 123927

Ion Ratio Lower Upper

63 100

112 5.6 4.0 6.0



#38

Bromodichloromethane

Concen: 25.747 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD075852.D

Acq: 26 Apr 2023 23:28

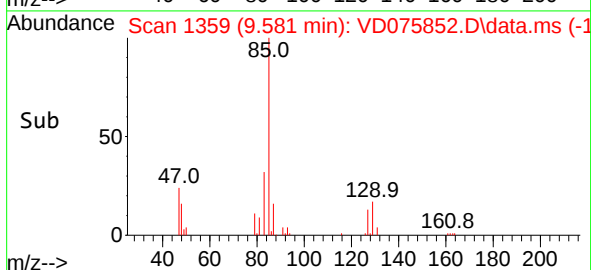
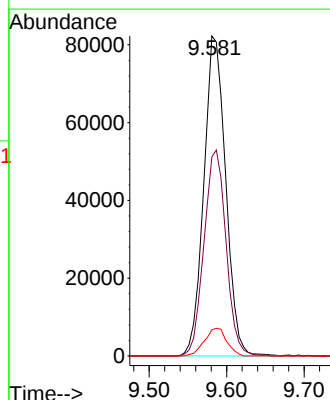
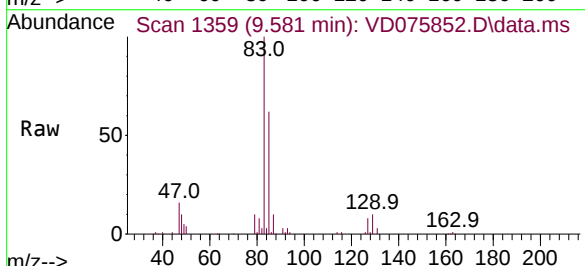
Tgt Ion: 83 Resp: 161722

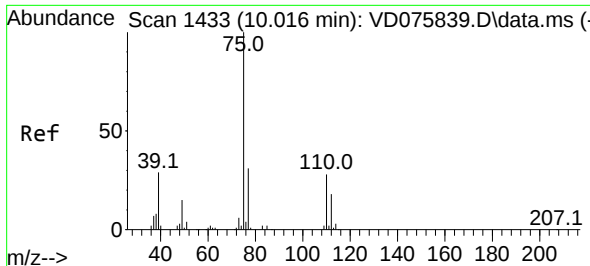
Ion Ratio Lower Upper

83 100

85 62.2 44.2 82.2

127 8.1 6.3 9.5

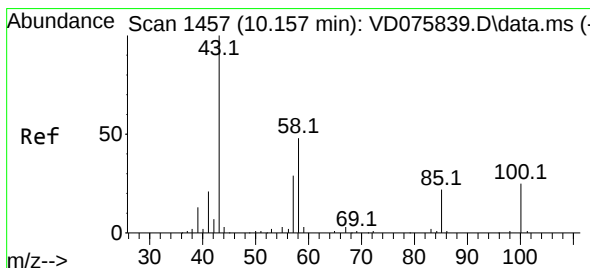
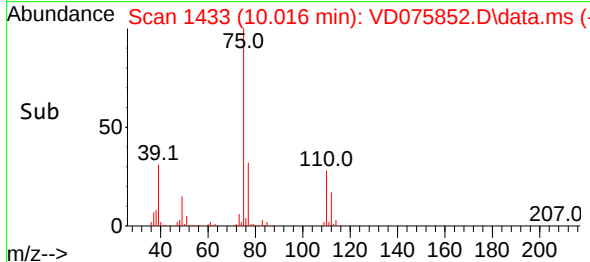
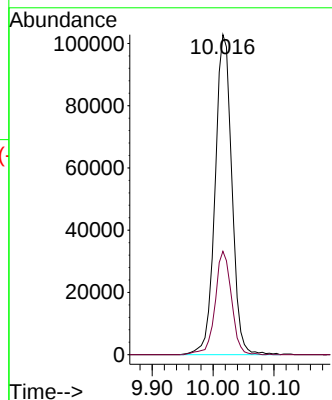
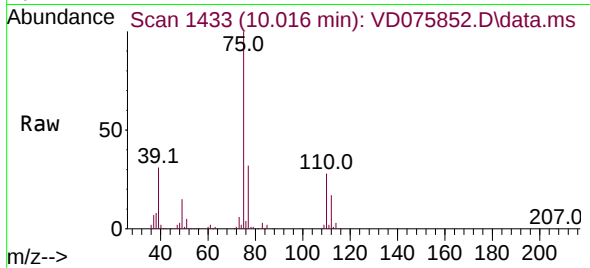




#39
 cis-1,3-Dichloropropene
 Concen: 26.537 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD075852.D
 Acq: 26 Apr 2023 23:28

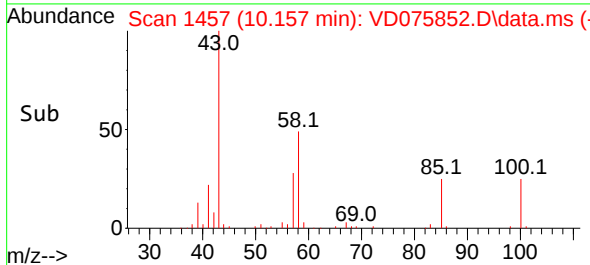
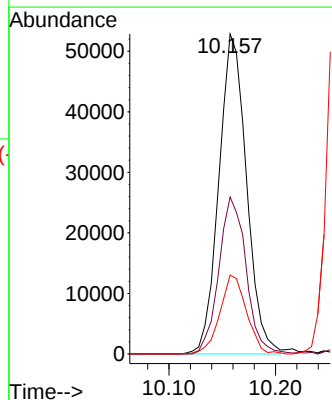
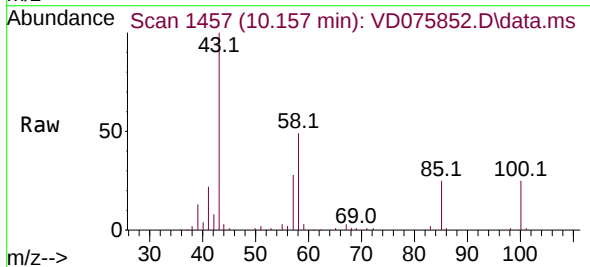
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025134

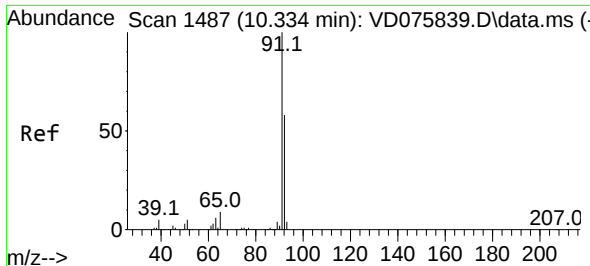
Tgt Ion: 75 Resp: 196602
 Ion Ratio Lower Upper
 75 100
 77 32.3 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 56.092 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD075852.D
 Acq: 26 Apr 2023 23:28

Tgt Ion: 43 Resp: 95268
 Ion Ratio Lower Upper
 43 100
 58 48.4 39.1 58.7
 100 23.5 19.4 29.0

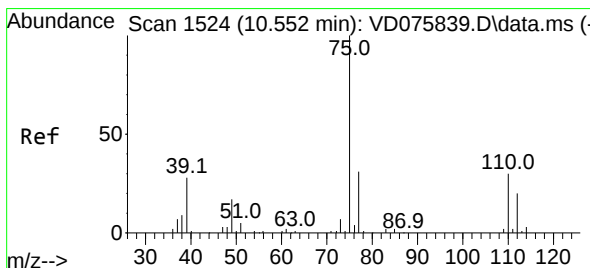
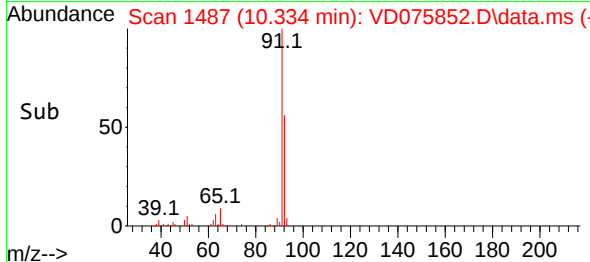
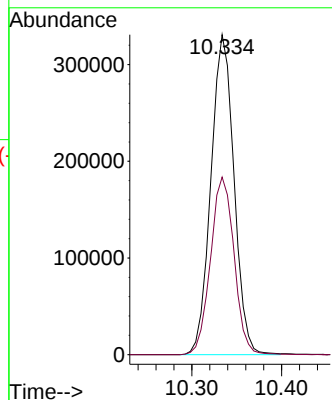
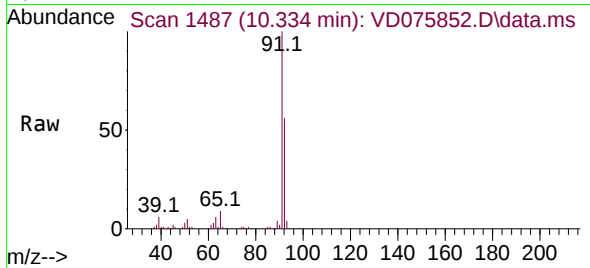




#42
Toluene
Concen: 26.964 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

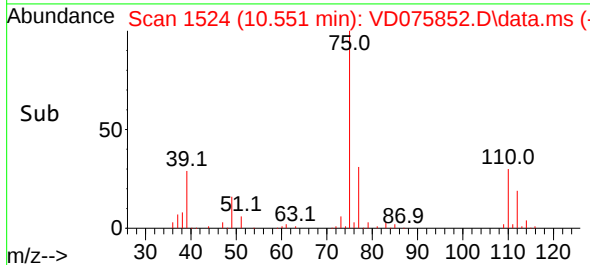
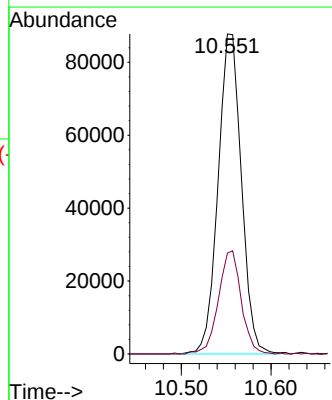
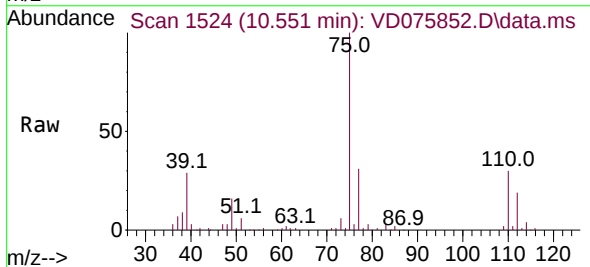
Instrument :
MSVOA_D
ClientSampleId :
VSTD025134

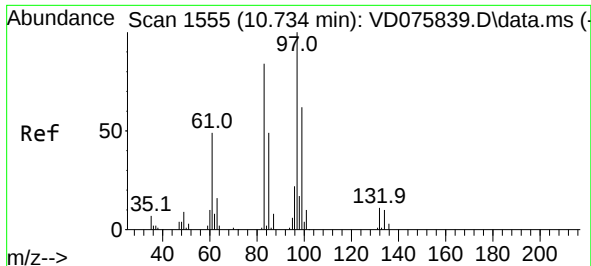
Tgt Ion: 91 Resp: 591753
Ion Ratio Lower Upper
91 100
92 55.5 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 26.645 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

Tgt Ion: 75 Resp: 158576
Ion Ratio Lower Upper
75 100
77 31.5 22.0 41.0

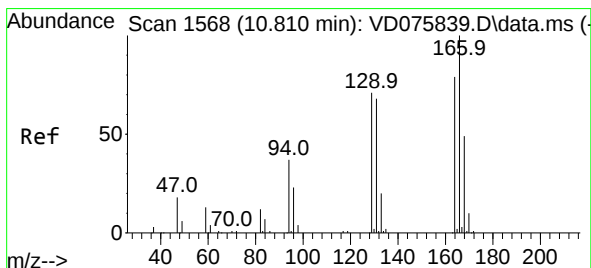
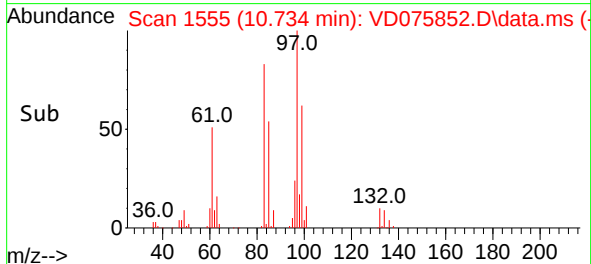
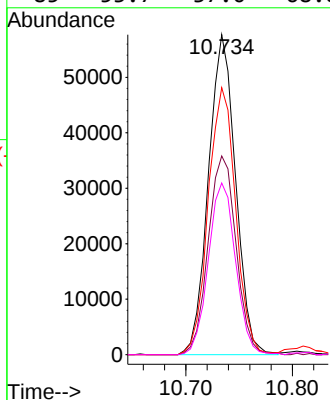
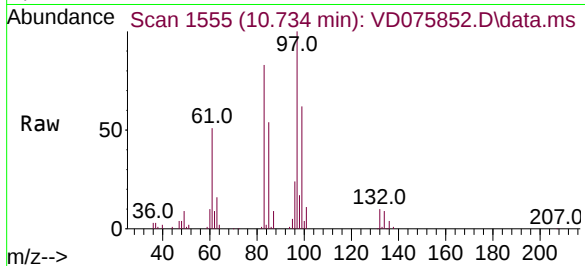




#45
1,1,2-Trichloroethane
Concen: 25.739 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

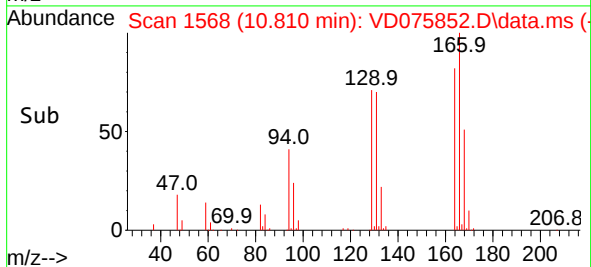
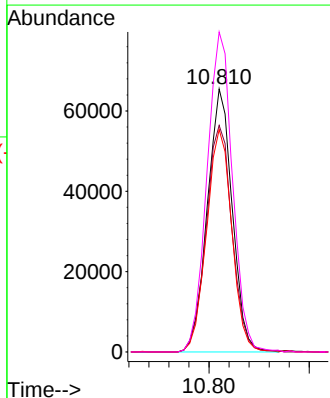
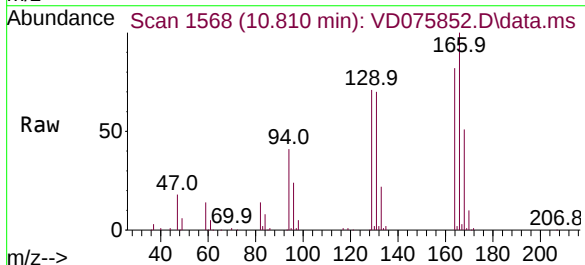
Instrument :
MSVOA_D
ClientSampleId :
VSTD025134

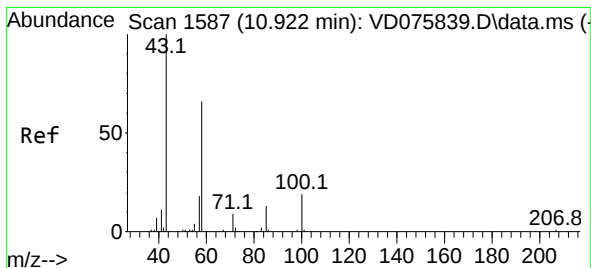
Tgt Ion: 97	Resp: 102006
Ion Ratio	Lower Upper
97 100	
99 62.1	42.2 78.4
83 83.4	54.8 101.8
85 53.7	37.0 68.8



#46
Tetrachloroethene
Concen: 26.346 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

Tgt	Ion:164	Resp:	113329
Ion	Ratio	Lower	Upper
164	100		
129	86.2	60.3	112.1
131	84.6	58.9	109.3
166	121.7	83.0	154.1





#48

2-Hexanone

Concen: 56.862 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

Lab File: VD075852.D

Acq: 26 Apr 2023 23:28

Instrument :

MSVOA_D

ClientSampleId :

VSTD025134

Tgt Ion: 43 Resp: 68084

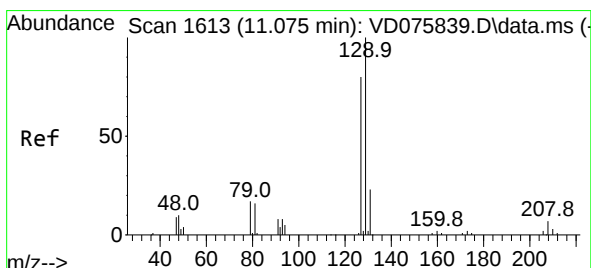
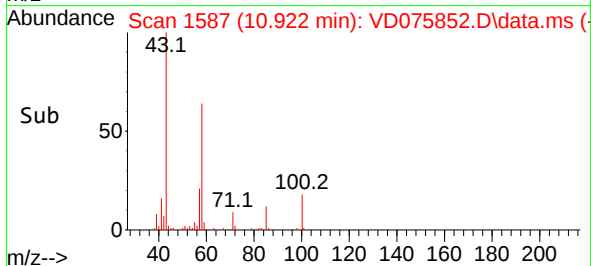
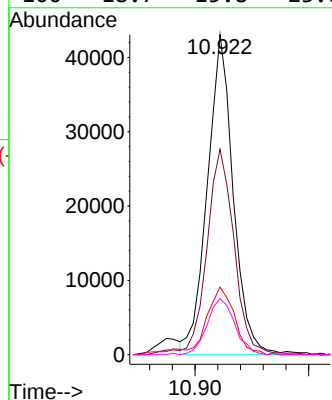
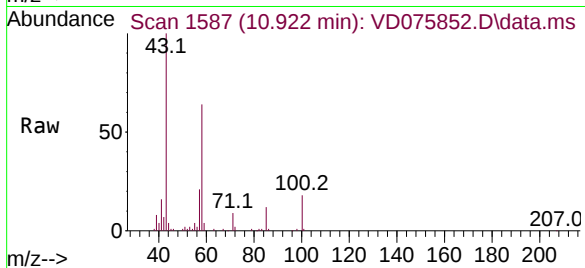
Ion Ratio Lower Upper

43 100

58 65.8 59.7 89.5

57 22.1 17.9 26.9

100 18.7 15.8 23.6



#49

Dibromochloromethane

Concen: 26.535 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD075852.D

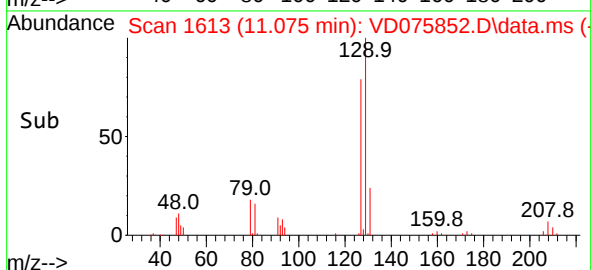
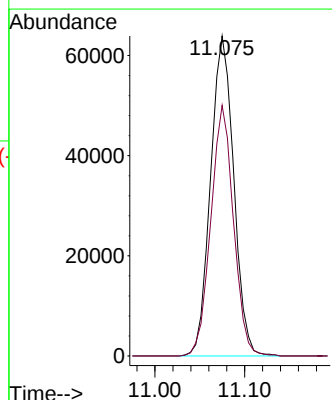
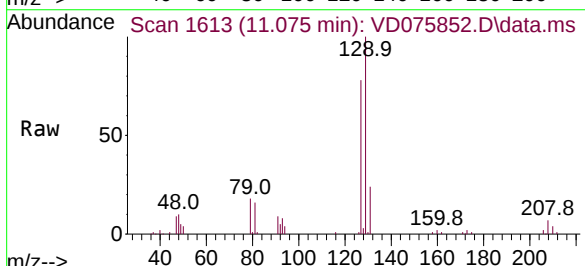
Acq: 26 Apr 2023 23:28

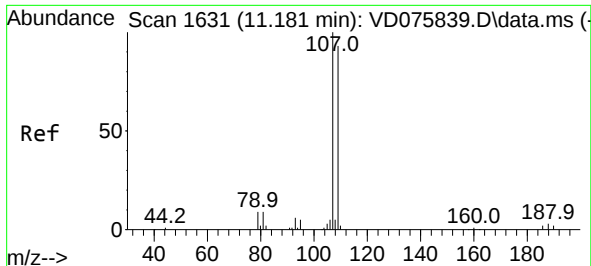
Tgt Ion: 129 Resp: 114481

Ion Ratio Lower Upper

129 100

127 78.3 55.6 103.4

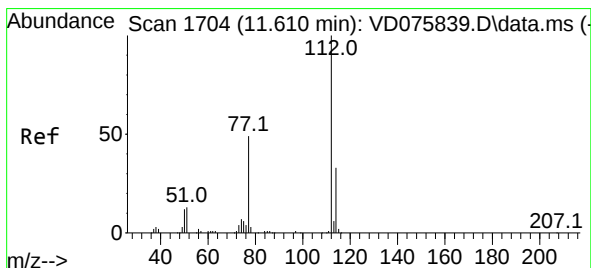
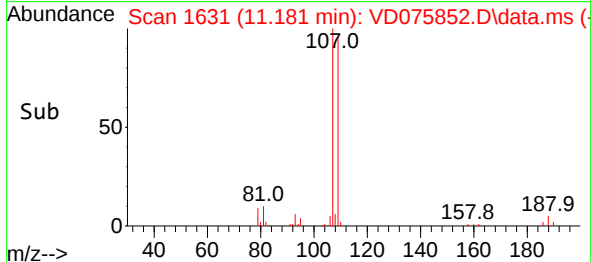
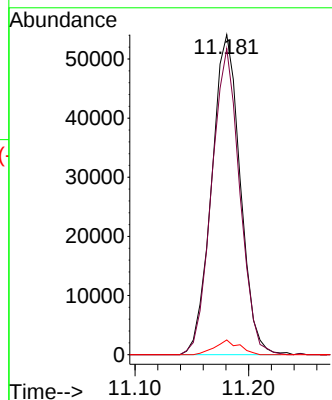
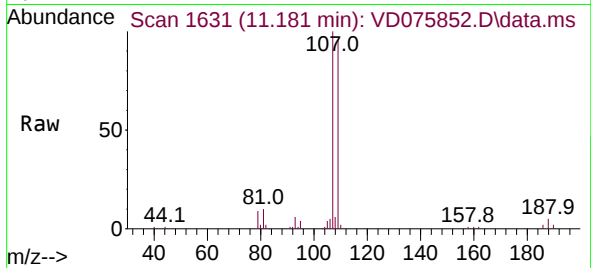




#50
1,2-Dibromoethane
Concen: 26.443 ug/L
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

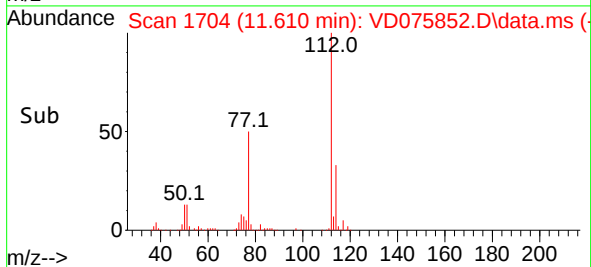
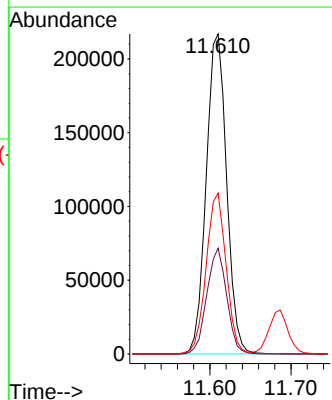
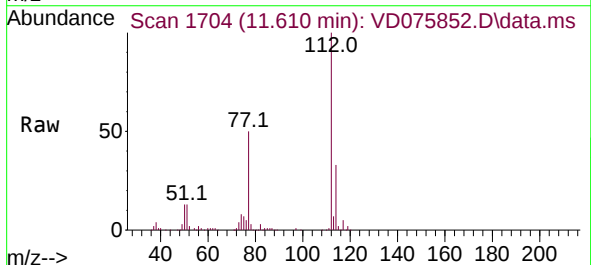
Instrument :
MSVOA_D
ClientSampleId :
VSTD025134

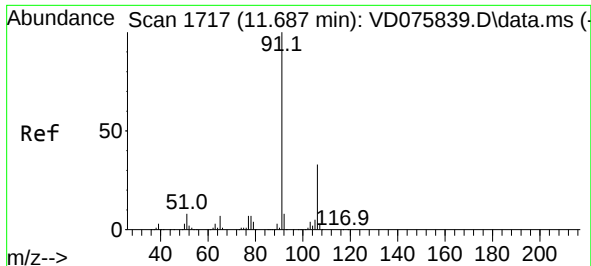
Tgt Ion:107 Resp: 94482
Ion Ratio Lower Upper
107 100
109 95.7 67.6 125.6
188 4.6 3.0 4.6#



#51
Chlorobenzene
Concen: 26.292 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

Tgt Ion:112 Resp: 377474
Ion Ratio Lower Upper
112 100
114 33.0 23.0 42.8
77 50.3 39.7 59.5

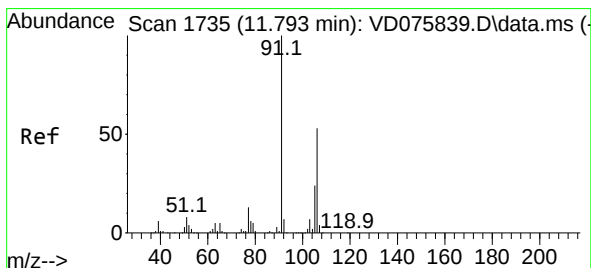
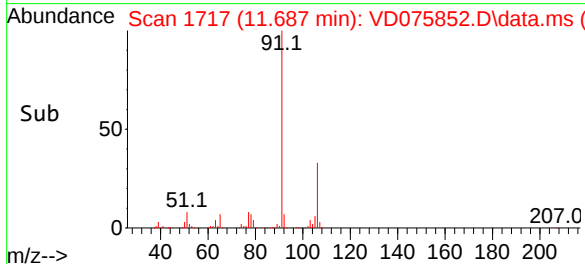
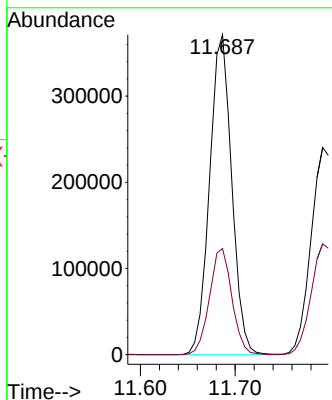
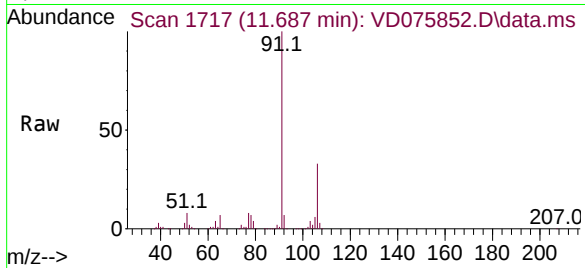




#52
Ethylbenzene
Concen: 26.758 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

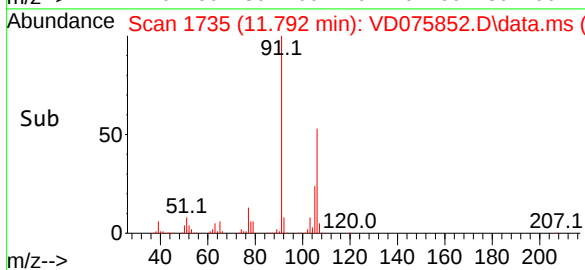
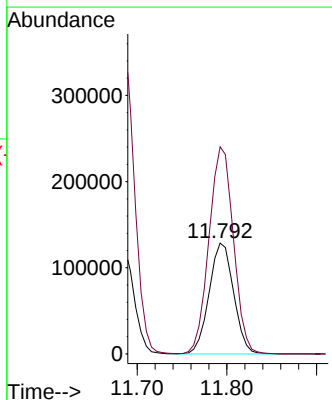
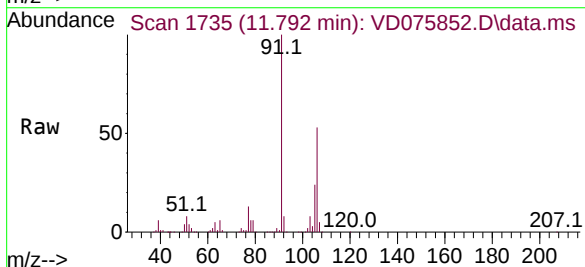
Instrument :
MSVOA_D
ClientSampleId :
VSTD025134

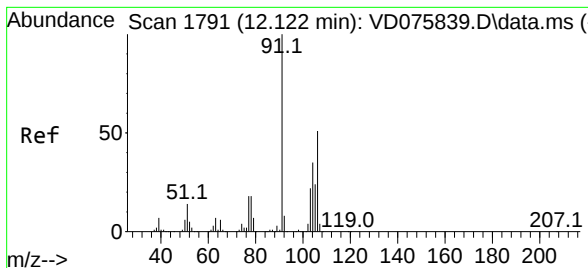
Tgt Ion: 91 Resp: 602166
Ion Ratio Lower Upper
91 100
106 33.2 23.7 43.9



#53
m,p-Xylene
Concen: 27.225 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

Tgt Ion: 106 Resp: 243965
Ion Ratio Lower Upper
106 100
91 187.0 130.9 243.1

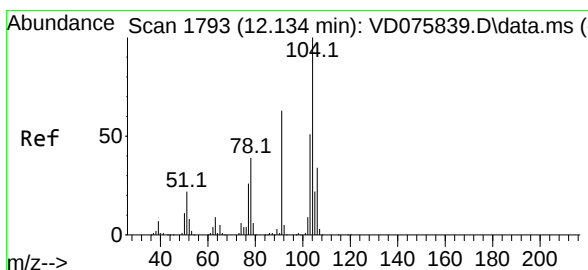
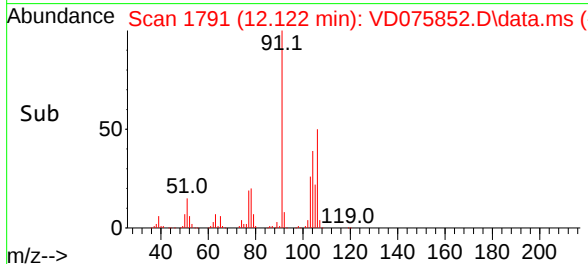
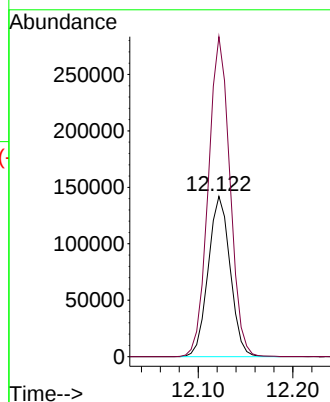
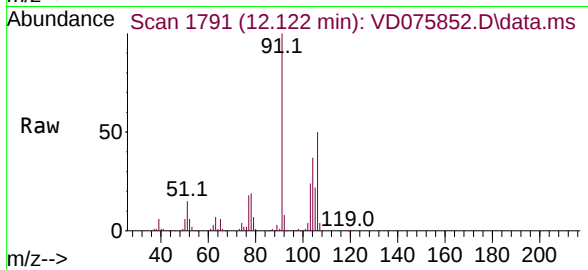




#54
o-Xylene
Concen: 26.839 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

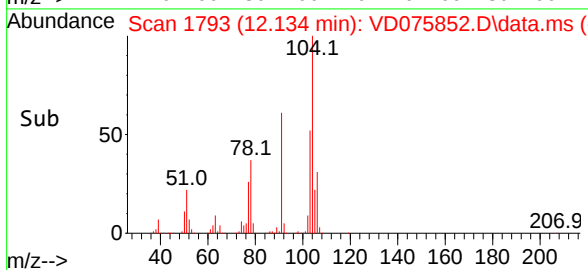
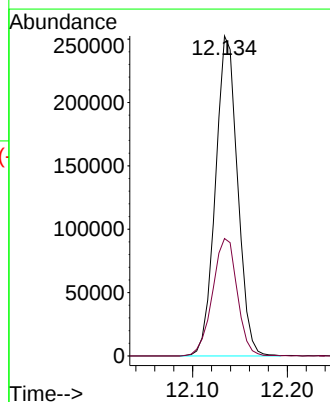
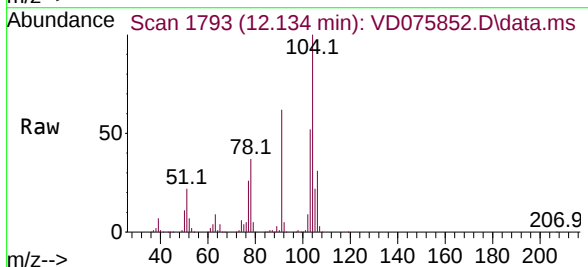
Instrument :
MSVOA_D
ClientSampleId :
VSTD025134

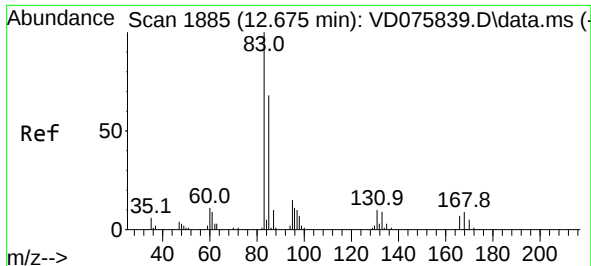
Tgt Ion:106 Resp: 228427
Ion Ratio Lower Upper
106 100
91 199.5 139.8 259.6



#55
Styrene
Concen: 27.697 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

Tgt Ion:104 Resp: 410294
Ion Ratio Lower Upper
104 100
78 36.7 26.2 48.6

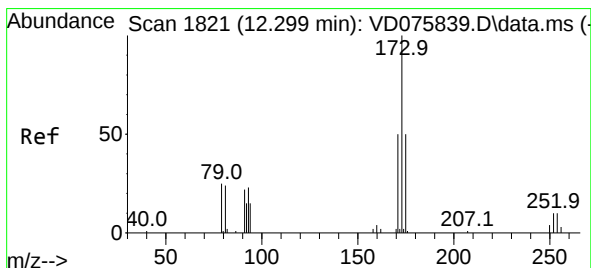
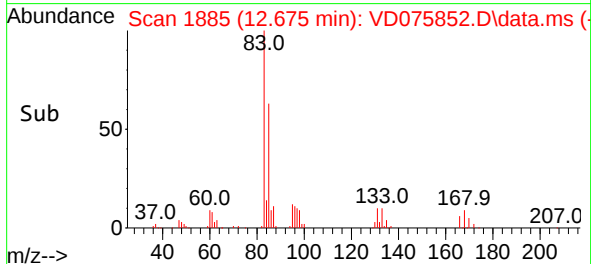
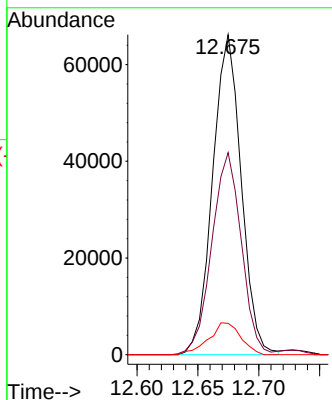
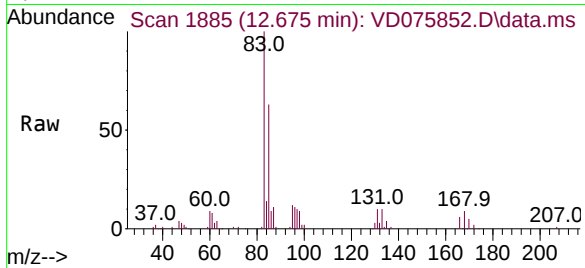




#57
1,1,2,2-Tetrachloroethane
Concen: 26.763 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

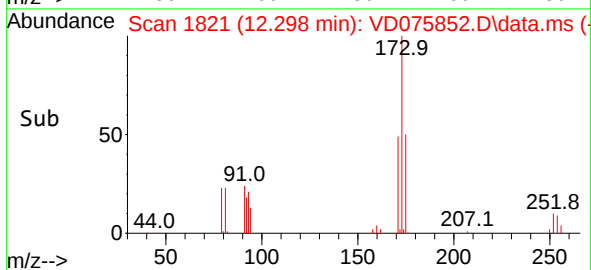
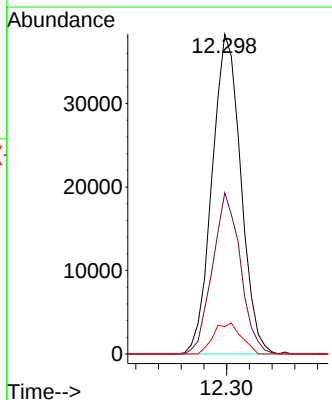
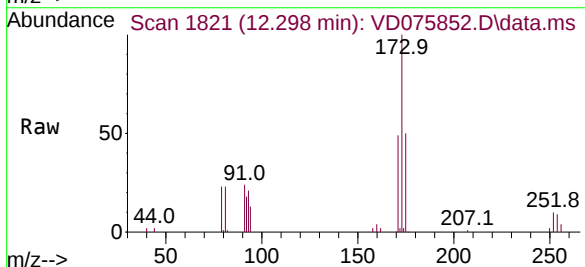
Instrument :
MSVOA_D
ClientSampleId :
VSTD025134

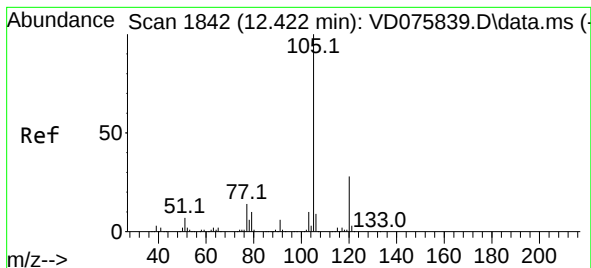
Tgt Ion: 83 Resp: 107918
Ion Ratio Lower Upper
83 100
85 63.1 45.1 83.7
131 9.8 7.0 10.6



#59
Bromoform
Concen: 26.463 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

Tgt Ion: 173 Resp: 67234
Ion Ratio Lower Upper
173 100
175 49.0 39.4 59.0
254 9.4 7.4 11.2





#60

Isopropylbenzene

Concen: 26.508 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD075852.D

Acq: 26 Apr 2023 23:28

Instrument :

MSVOA_D

ClientSampleId :

VSTD025134

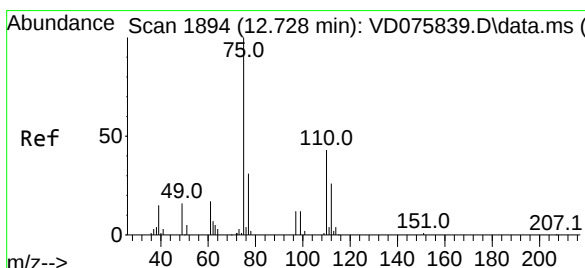
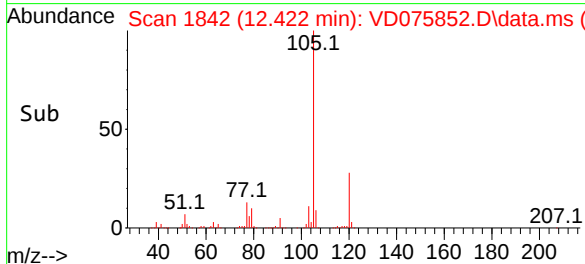
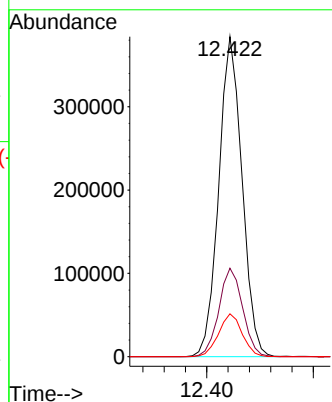
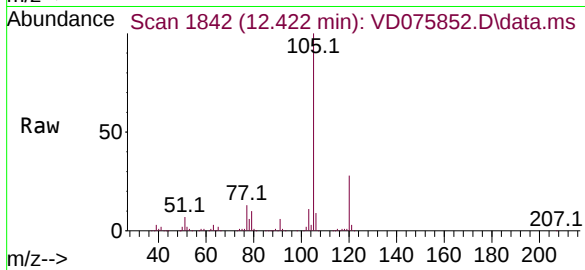
Tgt Ion:105 Resp: 582684

Ion Ratio Lower Upper

105 100

120 28.2 22.7 34.1

77 13.6 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 26.770 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD075852.D

Acq: 26 Apr 2023 23:28

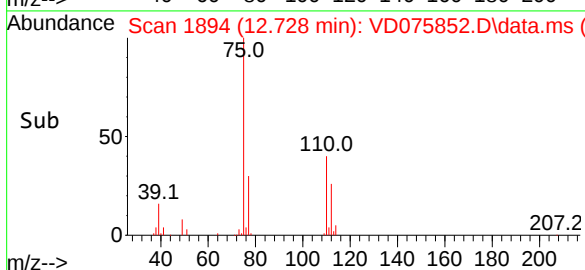
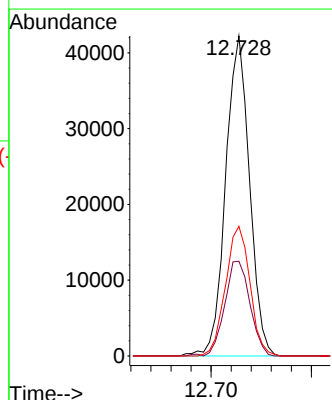
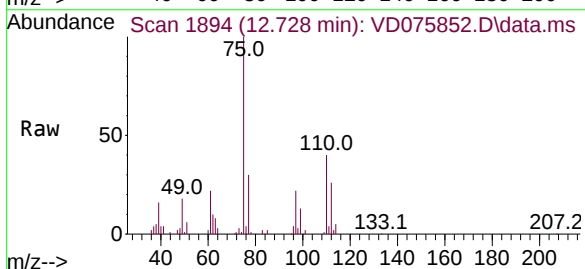
Tgt Ion: 75 Resp: 69715

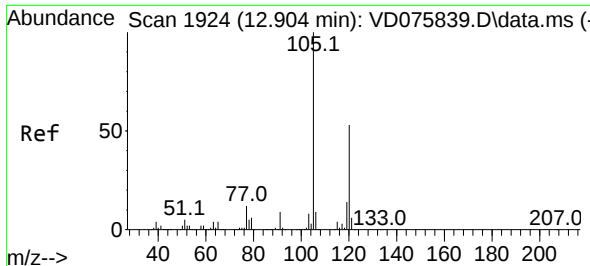
Ion Ratio Lower Upper

75 100

77 31.2 26.6 39.8

110 41.5 33.5 50.3

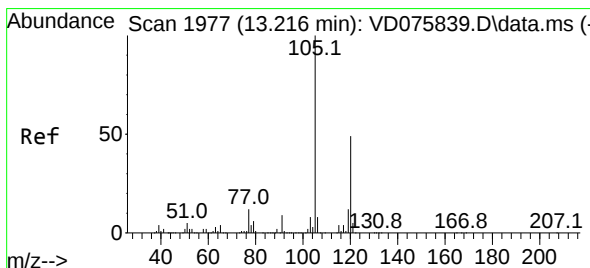
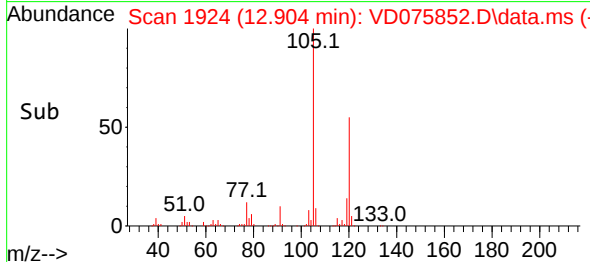
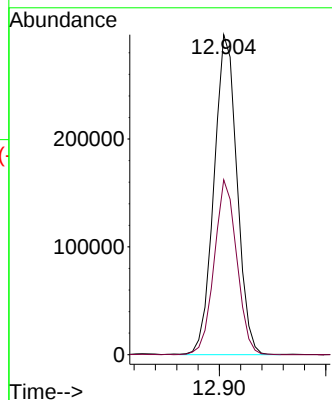
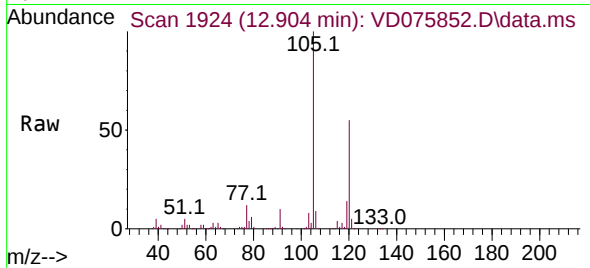




#62
1,3,5-Trimethylbenzene
Concen: 27.112 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

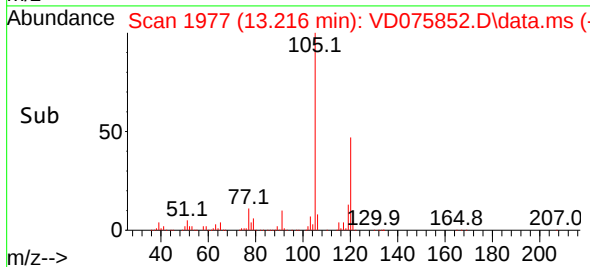
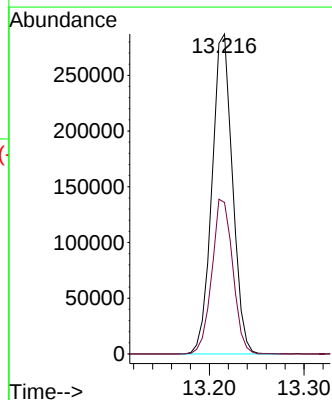
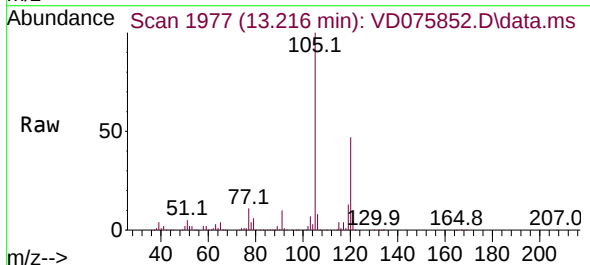
Instrument :
MSVOA_D
ClientSampleId :
VSTD025134

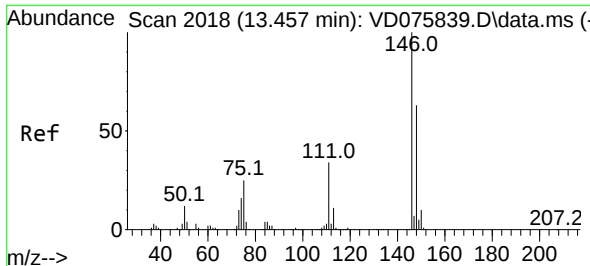
Tgt Ion:105 Resp: 444397
Ion Ratio Lower Upper
105 100
120 53.6 42.0 63.0



#63
1,2,4-Trimethylbenzene
Concen: 27.333 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

Tgt Ion:105 Resp: 431884
Ion Ratio Lower Upper
105 100
120 49.2 39.0 58.6

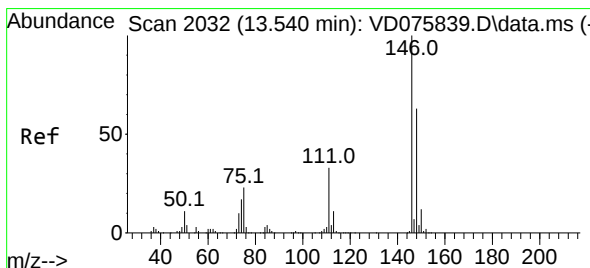
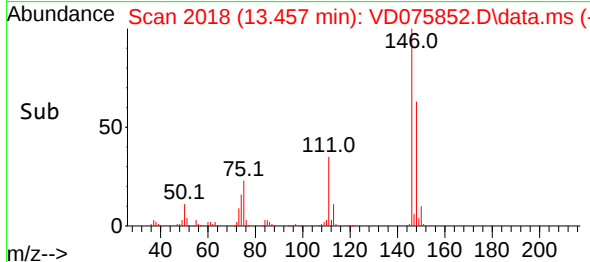
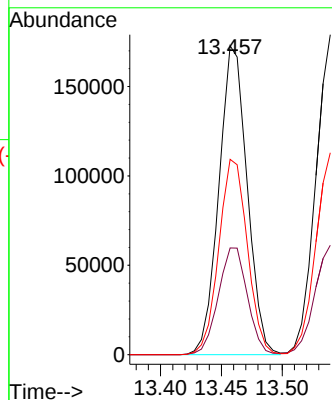
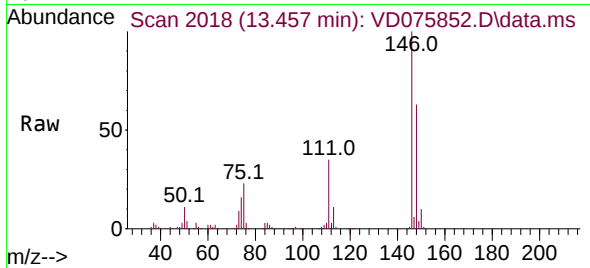




#64
1,3-Dichlorobenzene
Concen: 26.563 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

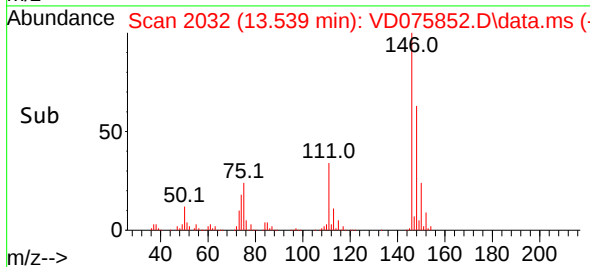
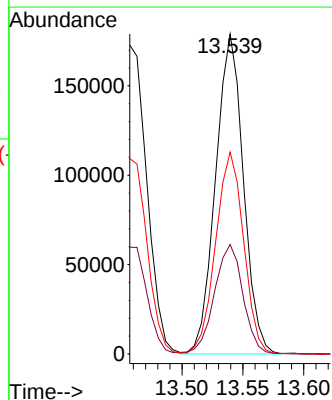
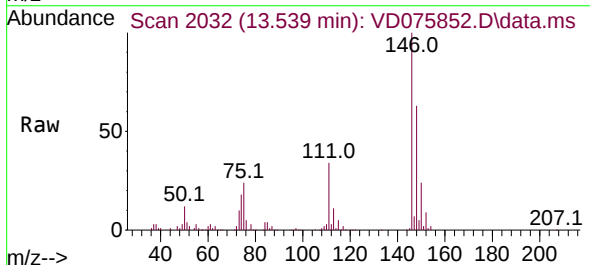
Instrument :
MSVOA_D
ClientSampleId :
VSTD025134

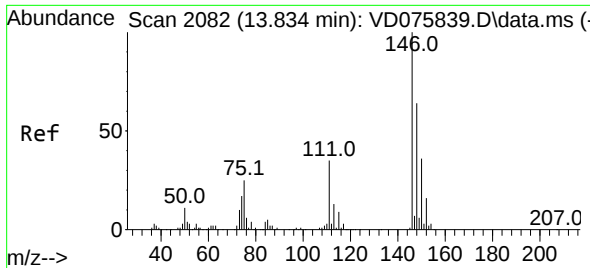
Tgt Ion:146 Resp: 279381
Ion Ratio Lower Upper
146 100
111 34.5 26.5 49.1
148 63.2 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 25.764 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

Tgt Ion:146 Resp: 284398
Ion Ratio Lower Upper
146 100
111 34.2 24.6 45.8
148 63.1 44.4 82.4

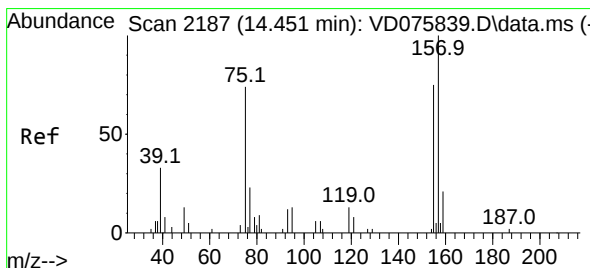
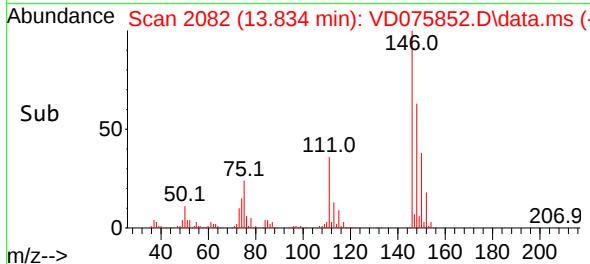
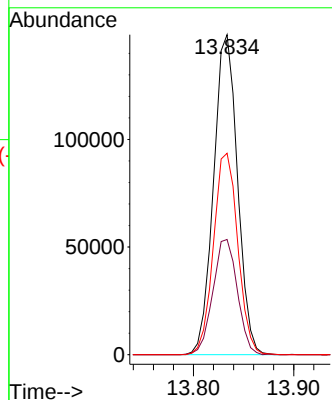
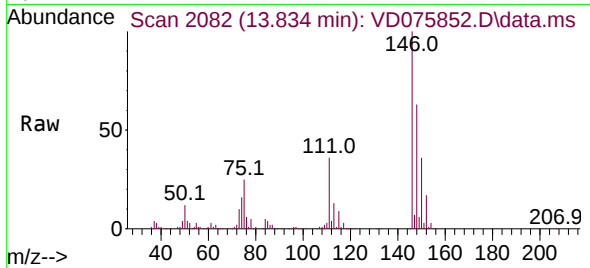




#67
1,2-Dichlorobenzene
Concen: 26.247 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

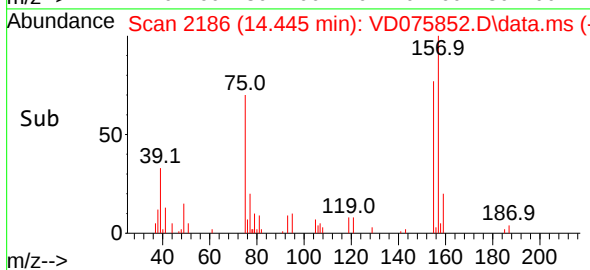
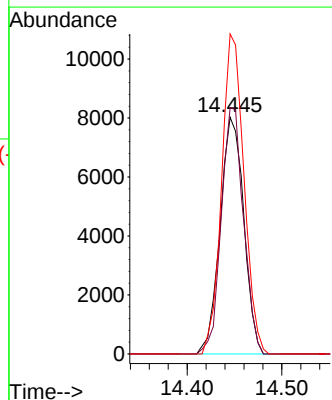
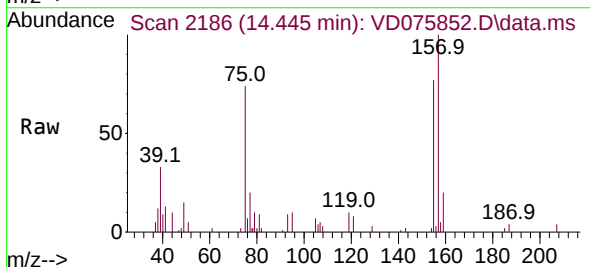
Instrument :
MSVOA_D
ClientSampleId :
VSTD025134

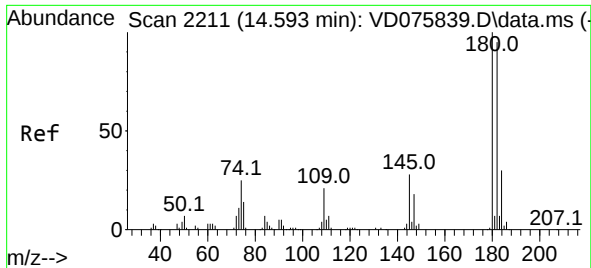
Tgt Ion:146 Resp: 246521
Ion Ratio Lower Upper
146 100
111 36.0 30.6 46.0
148 63.0 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 26.740 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD075852.D
Acq: 26 Apr 2023 23:28

Tgt Ion: 75 Resp: 13921
Ion Ratio Lower Upper
75 100
155 104.1 74.6 111.8
157 135.2 109.4 164.2

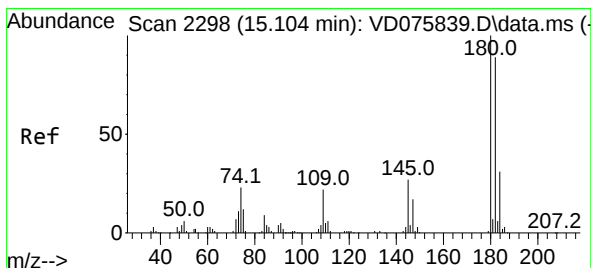
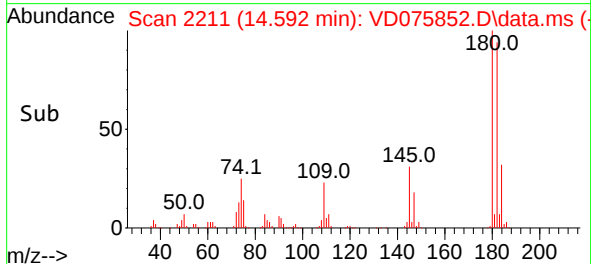
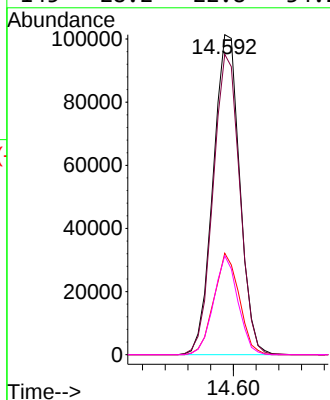
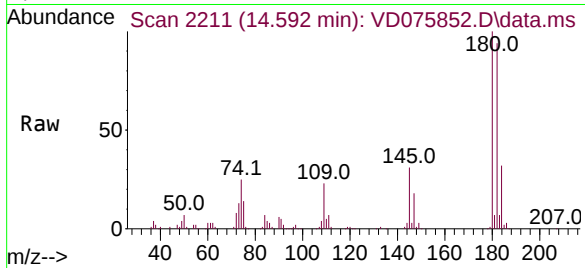




#69
 1,3,5-Trichlorobenzene
 Concen: 23.378 ug/L
 RT: 14.592 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD075852.D
 Acq: 26 Apr 2023 23:28

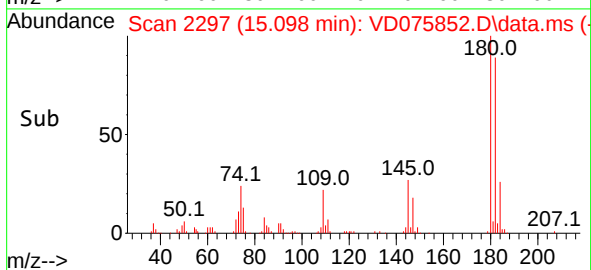
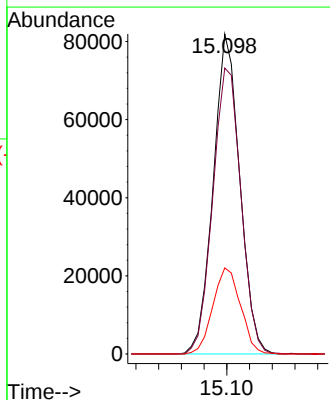
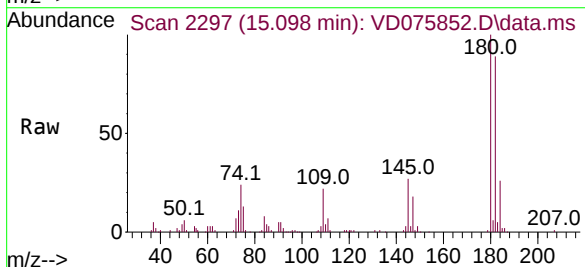
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025134

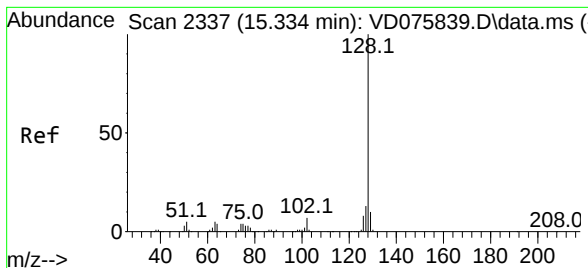
Tgt Ion:180 Resp: 164807
 Ion Ratio Lower Upper
 180 100
 182 94.0 74.9 112.3
 184 30.2 25.0 37.4
 145 28.2 22.8 34.2



#70
 1,2,4-trichlorobenzene
 Concen: 22.740 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.006 min
 Lab File: VD075852.D
 Acq: 26 Apr 2023 23:28

Tgt Ion:180 Resp: 132851
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.4 113.2
 145 28.0 23.6 35.4





#71

Naphthalene

Concen: 24.615 ug/L

RT: 15.333 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD075852.D

Acq: 26 Apr 2023 23:28

Instrument :

MSVOA_D

ClientSampleId :

VSTD025134

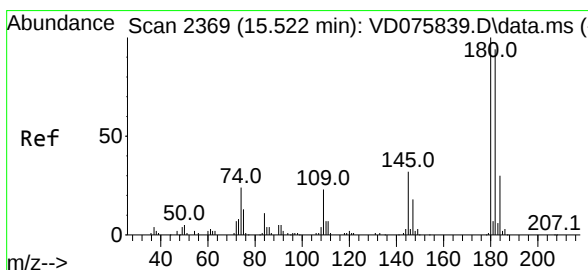
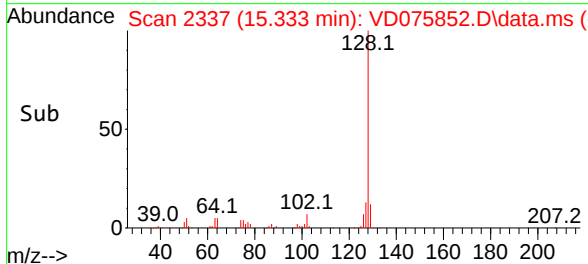
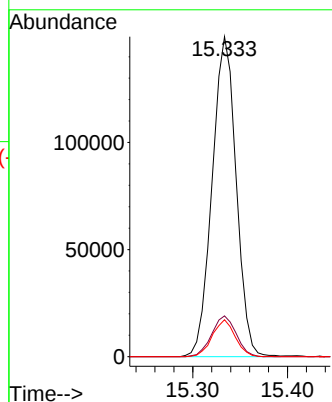
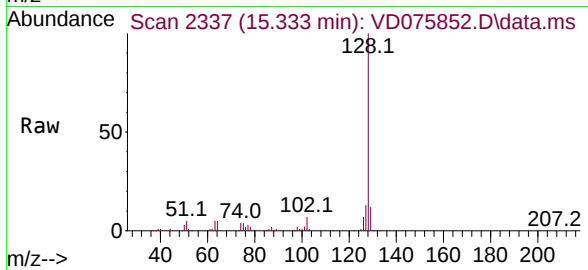
Tgt Ion:128 Resp: 263153

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 11.0 9.1 13.7



#72

1,2,3-Trichlorobenzene

Concen: 24.104 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD075852.D

Acq: 26 Apr 2023 23:28

Tgt Ion:180 Resp: 125700

Ion Ratio Lower Upper

180 100

182 95.0 76.3 114.5

145 31.3 25.0 37.6

