

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U040423\
 Data File : U053575.D
 Acq On : 04 Apr 2023 20:41
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050184

Quant Time: Apr 04 23:14:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	265032	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	243841	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	135111	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	72074	34.925	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.840%
7) Chloroethane-d5	1.909	69	64172	40.330	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.660%
11) 1,1-Dichloroethene-d2	2.565	63	127439	39.893	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.780%
21) 2-Butanone-d5	4.616	46	103562	110.838	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.840%
24) Chloroform-d	5.057	84	147700	43.276	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.560%
26) 1,2-Dichloroethane-d4	5.697	65	92124	45.680	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.360%
32) Benzene-d6	5.722	84	281208	42.724	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.440%
36) 1,2-Dichloropropane-d6	6.687	67	90424	44.947	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.900%
41) Toluene-d8	7.893	98	267567	40.901	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	8.176	79	45967	44.264	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.520%
47) 2-Hexanone-d5	8.626	63	80653	117.467	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.470%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	139251	49.109	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.220%
66) 1,2-Dichlorobenzene-d4	12.188	152	114905	40.743	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	105580	49.082	ug/L	99
3) Chloromethane	1.520	50	101230	57.270	ug/L	97
5) Vinyl chloride	1.604	62	114033	55.666	ug/L	98
6) Bromomethane	1.851	94	72552	48.675	ug/L	99
8) Chloroethane	1.928	64	69096	56.081	ug/L	97
9) Trichlorofluoromethane	2.134	101	158880	50.425	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	87933	48.189	ug/L	94
12) 1,1-Dichloroethene	2.578	96	79561	48.923	ug/L	89
13) Acetone	2.623	43	74834	89.119	ug/L	96
14) Carbon disulfide	2.790	76	208306	48.422	ug/L	98
15) Methyl Acetate	2.944	43	73851	57.419	ug/L	94
16) Methylene chloride	3.041	84	92257	50.472	ug/L	96
17) trans-1,2-Dichloroethene	3.350	96	81596	49.925	ug/L	95
18) Methyl tert-butyl Ether	3.359	73	259195	54.408	ug/L	99
19) 1,1-Dichloroethane	3.864	63	149229	55.120	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	96649	51.197	ug/L	94
22) 2-Butanone	4.697	43	107224	105.401	ug/L	93
23) Bromochloromethane	4.970	128	50102	47.646	ug/L	94
25) Chloroform	5.083	83	164086	52.841	ug/L	99

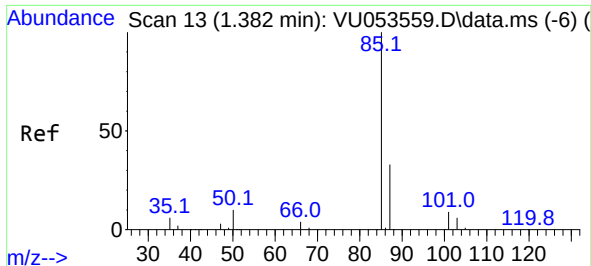
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040423\
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Quant Time: Apr 04 23:14:35 2023
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 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	122658	53.937	ug/L	97
29) Cyclohexane	5.382	56	127045	54.121	ug/L	98
30) 1,1,1-Trichloroethane	5.311	97	140120	52.151	ug/L	97
31) Carbon tetrachloride	5.520	117	121991	50.676	ug/L	98
33) Benzene	5.767	78	346974	54.615	ug/L	100
34) Trichloroethene	6.536	95	97215	50.593	ug/L	98
35) Methylcyclohexane	6.758	83	145515	51.519	ug/L	99
37) 1,2-Dichloropropane	6.787	63	90057	55.826	ug/L	98
38) Bromodichloromethane	7.102	83	114389	53.154	ug/L	100
39) cis-1,3-Dichloropropene	7.603	75	148278	56.249	ug/L	99
40) 4-Methyl-2-pentanone	7.783	43	207240	118.219	ug/L	99
42) Toluene	7.963	91	381108	52.934	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	136318	54.701	ug/L	98
45) 1,1,2-Trichloroethane	8.394	97	94166	53.167	ug/L	97
46) Tetrachloroethene	8.549	164	73700	46.220	ug/L	95
48) 2-Hexanone	8.677	43	164822	116.232	ug/L	99
49) Dibromochloromethane	8.806	129	88903	48.274	ug/L	98
50) 1,2-Dibromoethane	8.918	107	104206	52.589	ug/L	97
51) Chlorobenzene	9.443	112	245429	49.476	ug/L	95
52) Ethylbenzene	9.565	91	414611	51.732	ug/L	100
53) m,p-Xylene	9.690	106	163609	52.196	ug/L	99
54) o-xylene	10.095	106	159215	51.375	ug/L	95
55) Styrene	10.108	104	266115	52.719	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	142884	54.946	ug/L	98
59) Bromoform	10.285	173	63359	45.815	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	116823	59.632	ug/L	97
61) Isopropylbenzene	10.478	105	416655	52.159	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	349601	52.647	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	346823	52.733	ug/L	98
64) 1,3-Dichlorobenzene	11.741	146	200184	47.960	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	205172	48.229	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	197125	47.385	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.989	75	30959	59.279	ug/L	85
69) 1,3,5-Trichlorobenzene	13.214	180	133925	43.328	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	137568	48.004	ug/L	99
71) Naphthalene	14.079	128	436184	50.851	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	131866	46.069	ug/L	98

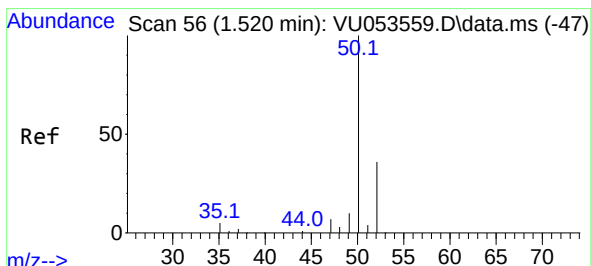
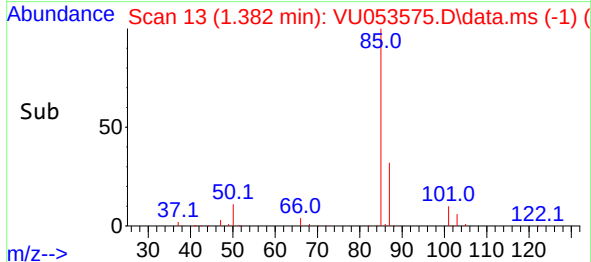
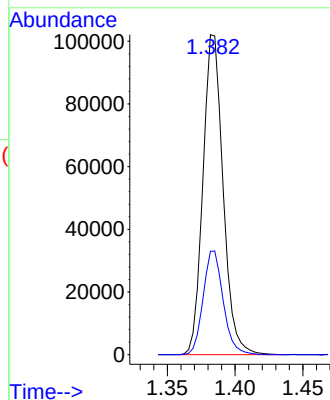
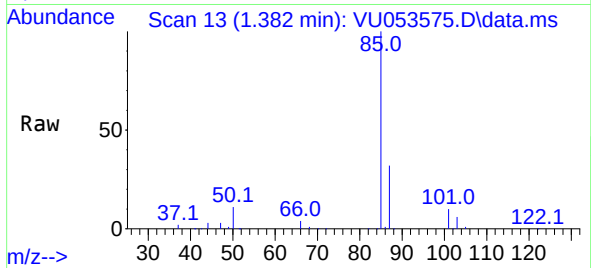
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 49.082 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

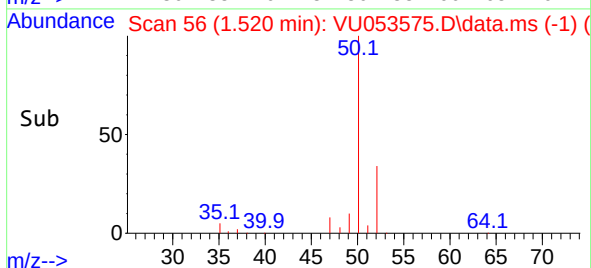
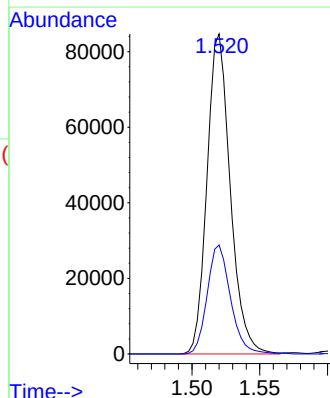
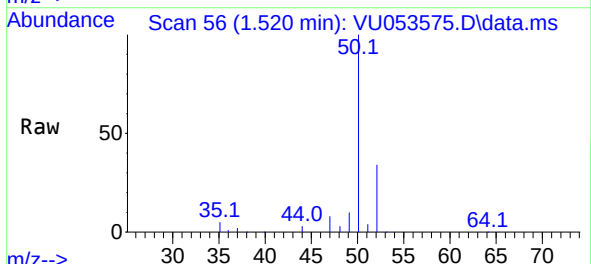
Instrument :
MSVOA_U
ClientSampleId :
VSTD050184

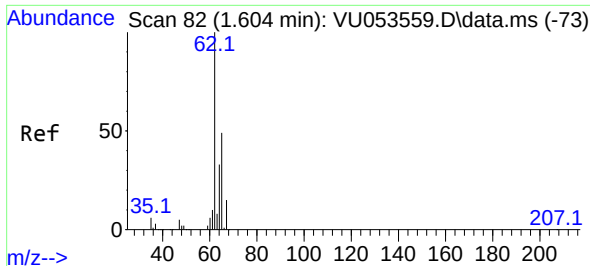
Tgt Ion: 85 Resp: 105580
Ion Ratio Lower Upper
85 100
87 32.3 26.4 39.6



#3
Chloromethane
Concen: 57.270 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

Tgt Ion: 50 Resp: 101230
Ion Ratio Lower Upper
50 100
52 34.1 22.7 42.1

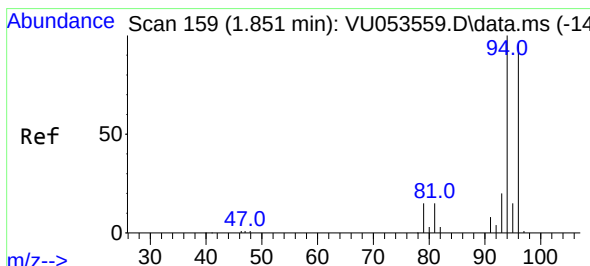
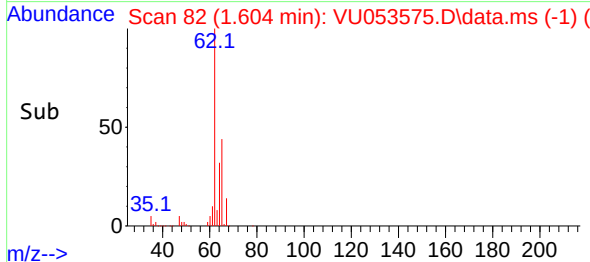
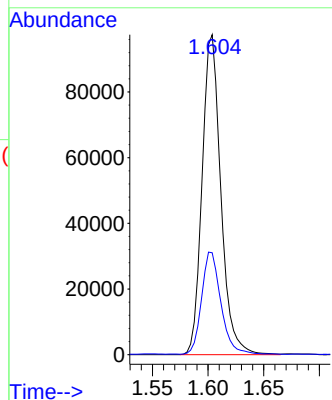
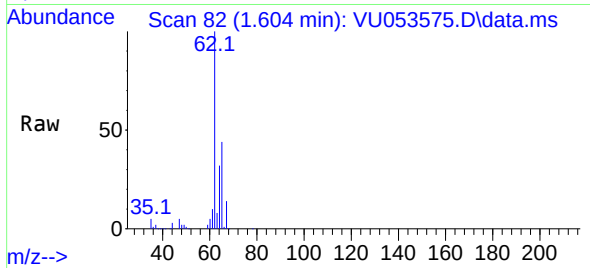




#5
 Vinyl chloride
 Concen: 55.666 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU053575.D
 Acq: 04 Apr 2023 20:41

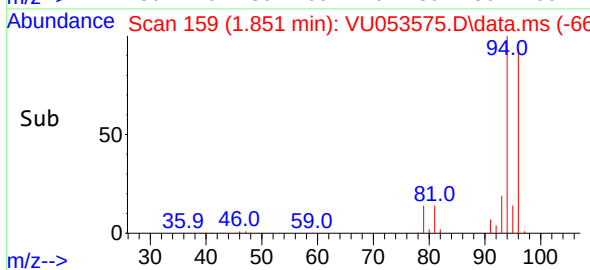
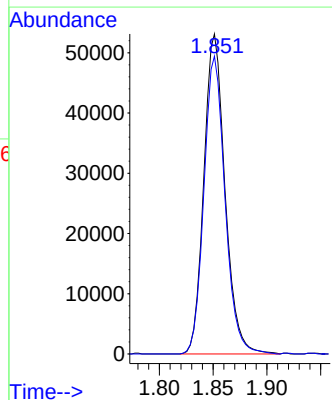
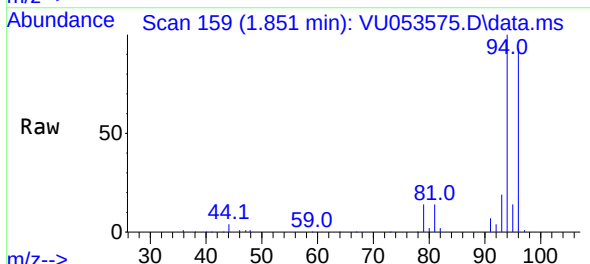
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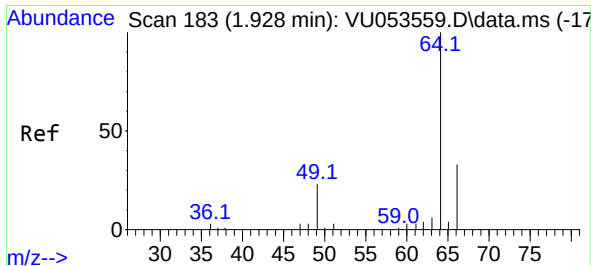
Tgt Ion: 62 Resp: 114033
 Ion Ratio Lower Upper
 62 100
 64 31.8 23.2 43.0



#6
 Bromomethane
 Concen: 48.675 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. -0.000 min
 Lab File: VU053575.D
 Acq: 04 Apr 2023 20:41

Tgt Ion: 94 Resp: 72552
 Ion Ratio Lower Upper
 94 100
 96 93.0 64.4 119.6

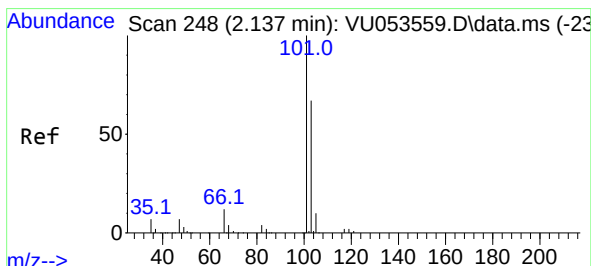
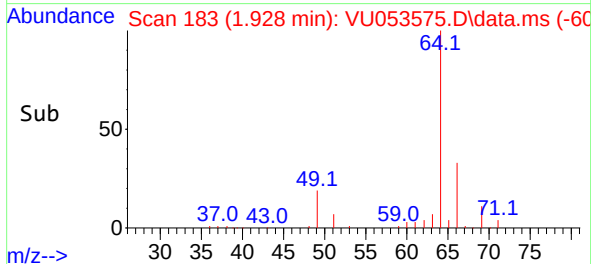
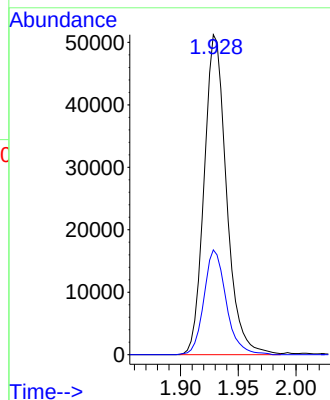
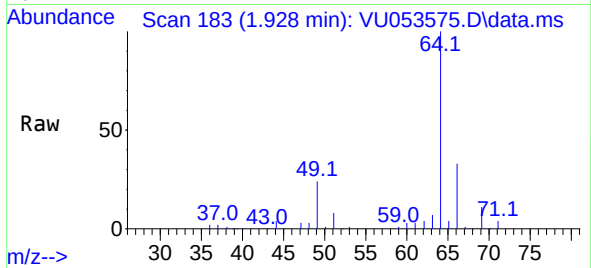




#8
Chloroethane
Concen: 56.081 ug/L
RT: 1.928 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

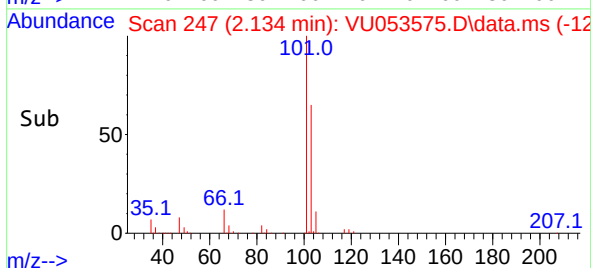
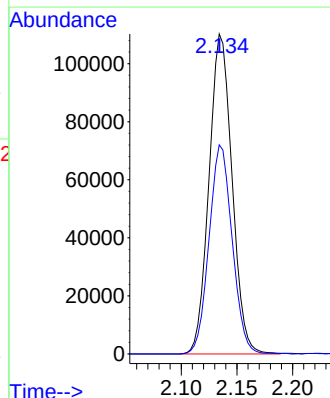
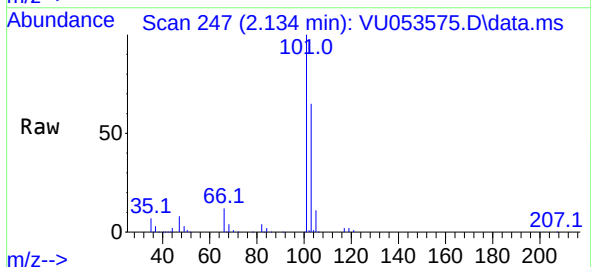
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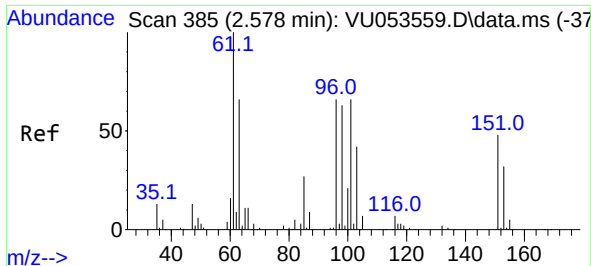
Tgt Ion: 64 Resp: 69096
Ion Ratio Lower Upper
64 100
66 32.8 21.8 40.6



#9
Trichlorofluoromethane
Concen: 50.425 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

Tgt Ion:101 Resp: 158880
Ion Ratio Lower Upper
101 100
103 65.5 52.5 78.7

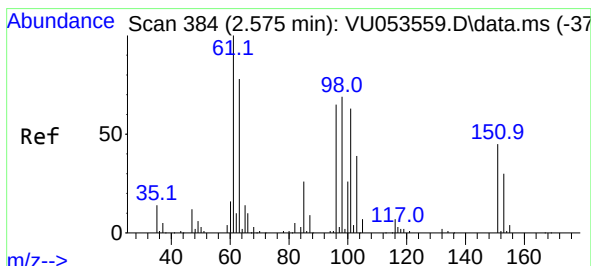
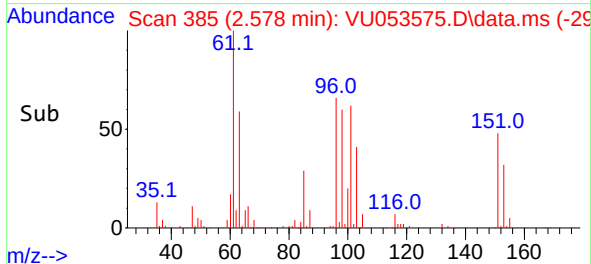
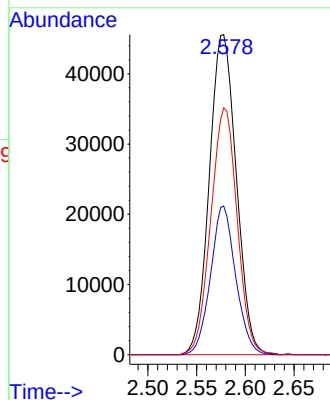
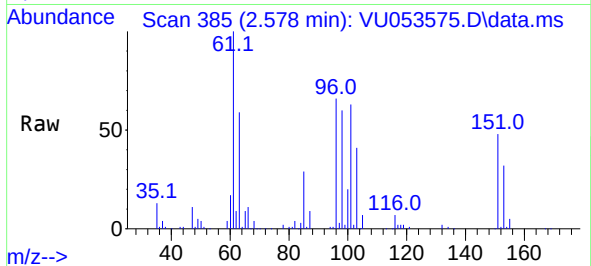




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.189 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

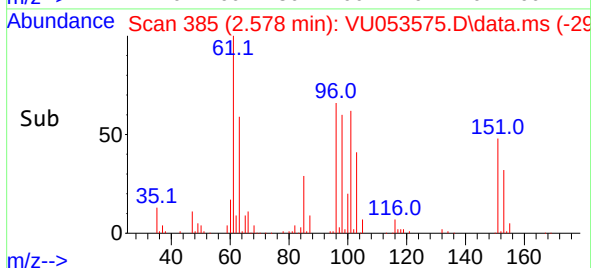
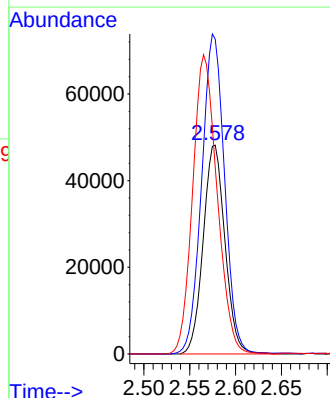
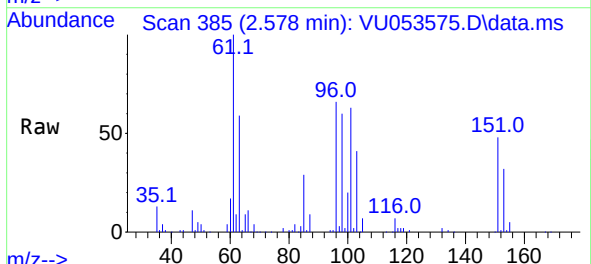
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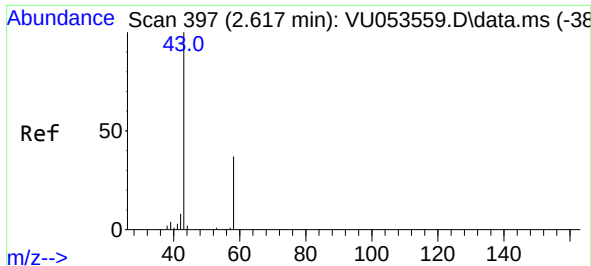
Tgt Ion:101 Resp: 87933
Ion Ratio Lower Upper
101 100
85 43.2 32.6 48.8
151 75.3 65.8 98.6



#12
1,1-Dichloroethene
Concen: 48.923 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

Tgt Ion: 96 Resp: 79561
Ion Ratio Lower Upper
96 100
61 150.7 107.9 200.5
63 89.3 79.1 146.9





#13

Acetone

Concen: 89.119 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.003 min

Lab File: VU053575.D

Acq: 04 Apr 2023 20:41

Instrument :

MSVOA_U

ClientSampleId :

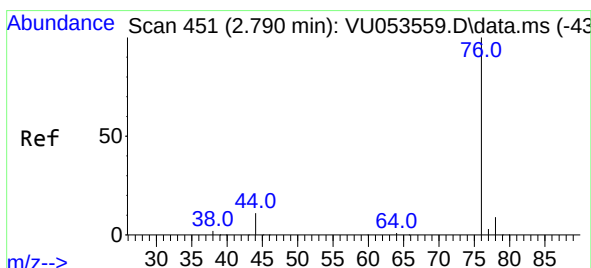
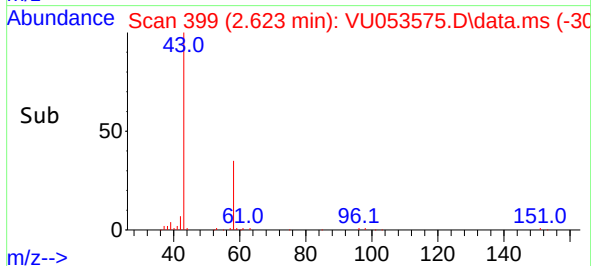
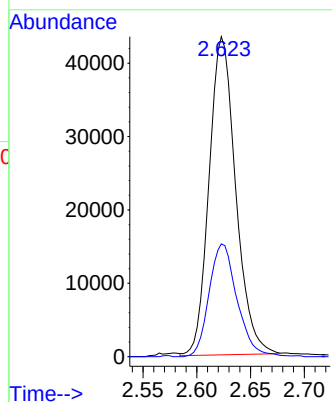
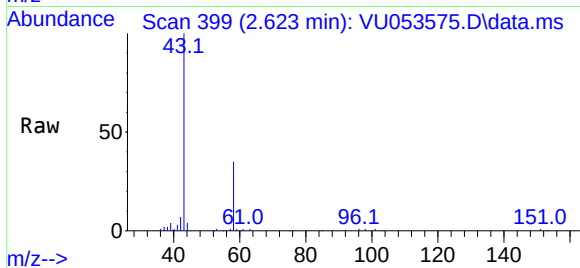
VSTD050184

Tgt Ion: 43 Resp: 74834

Ion Ratio Lower Upper

43 100

58 37.2 0.0 70.2



#14

Carbon disulfide

Concen: 48.422 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU053575.D

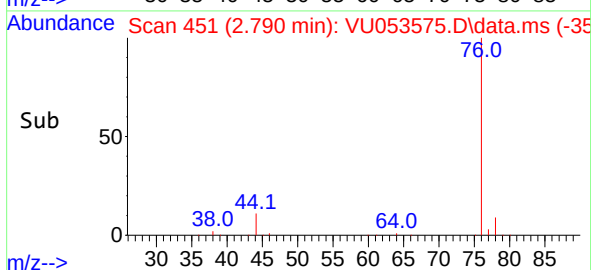
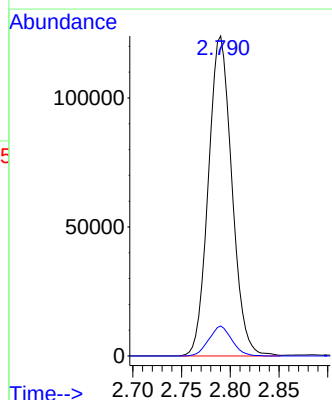
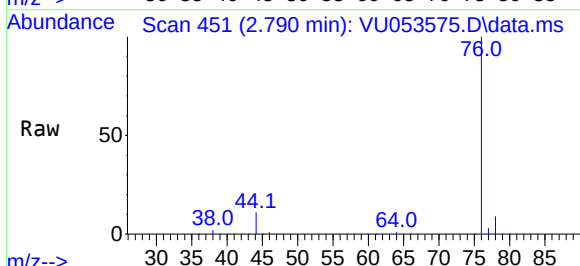
Acq: 04 Apr 2023 20:41

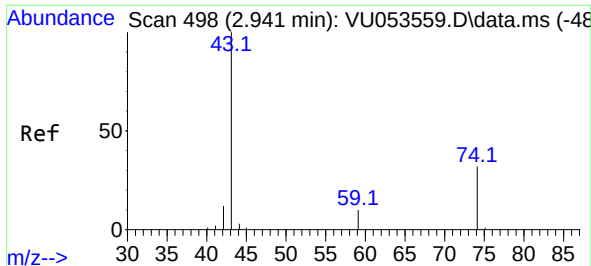
Tgt Ion: 76 Resp: 208306

Ion Ratio Lower Upper

76 100

78 9.4 8.2 12.2

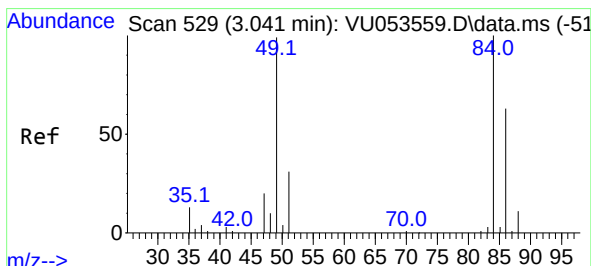
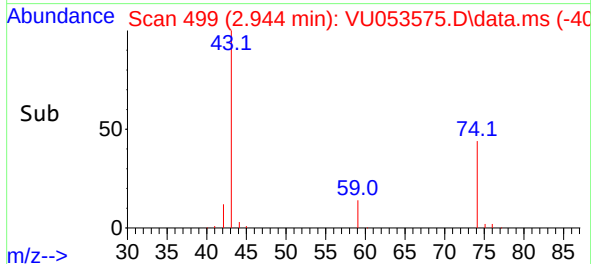
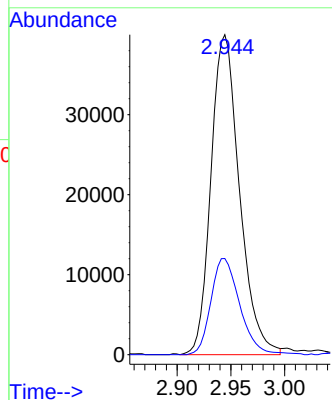
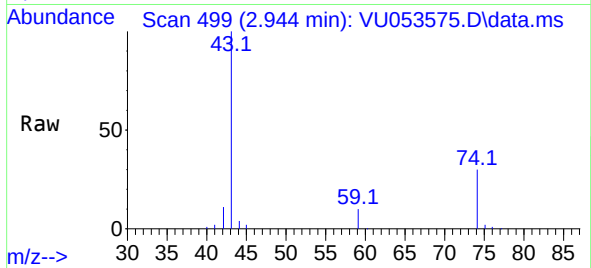




#15
Methyl Acetate
Concen: 57.419 ug/L
RT: 2.944 min Scan# 499
Delta R.T. 0.003 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

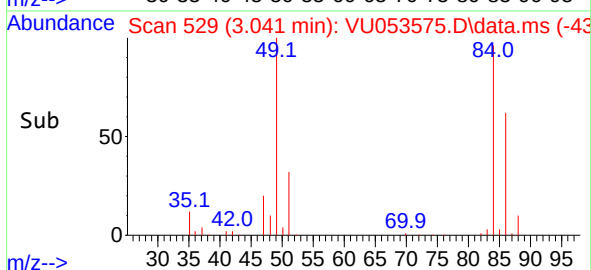
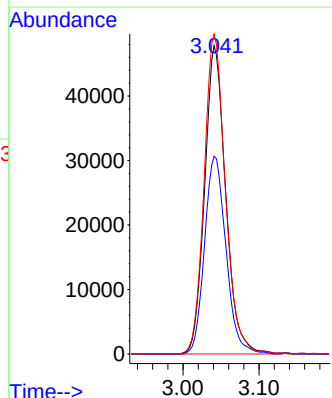
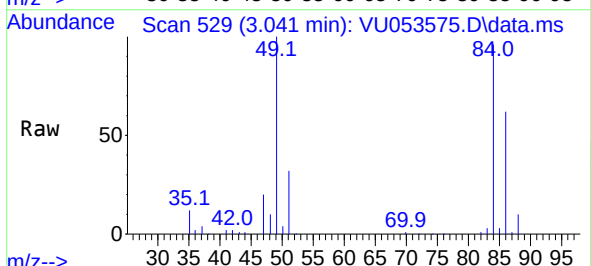
Instrument :
MSVOA_U
ClientSampleId :
VSTD050184

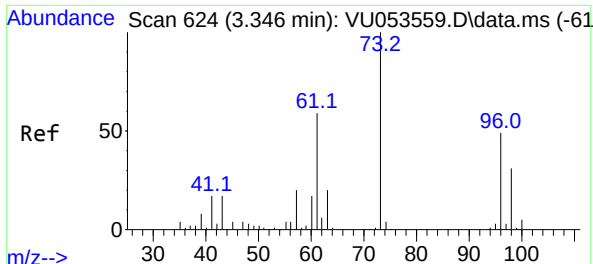
Tgt Ion: 43 Resp: 73851
Ion Ratio Lower Upper
43 100
74 30.5 22.0 33.0



#16
Methylene chloride
Concen: 50.472 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

Tgt Ion: 84 Resp: 92257
Ion Ratio Lower Upper
84 100
86 64.1 43.5 80.9
49 103.8 69.7 129.5

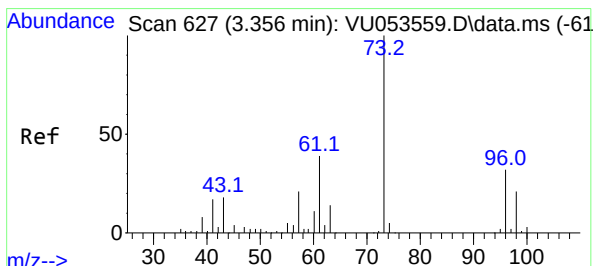
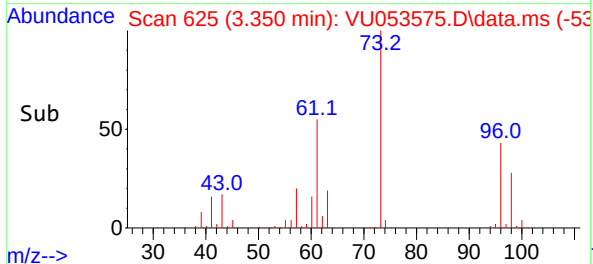
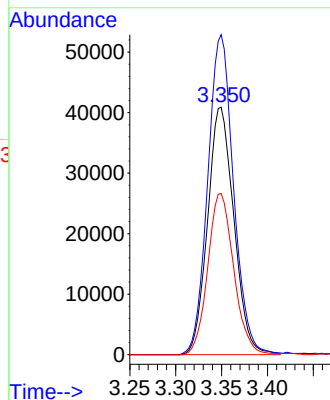
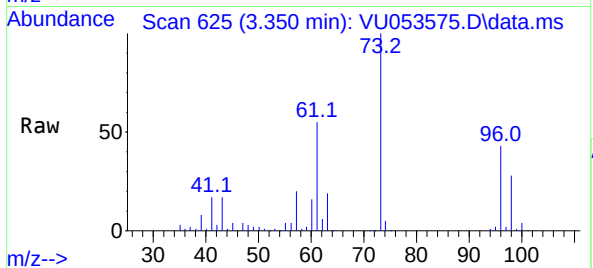




#17
trans-1,2-Dichloroethene
Concen: 49.925 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

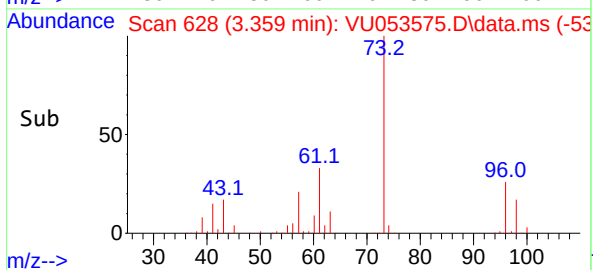
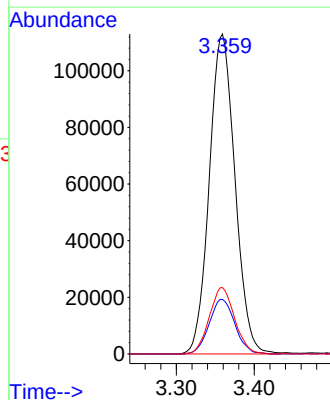
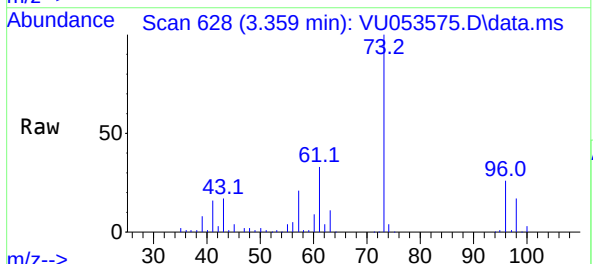
Instrument :
MSVOA_U
ClientSampleId :
VSTD050184

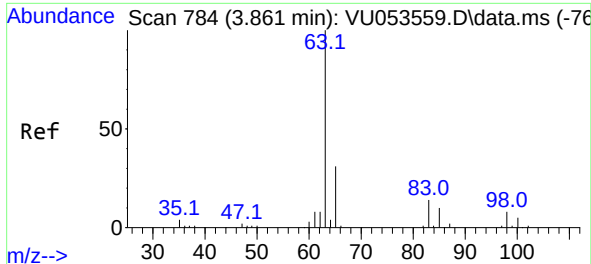
Tgt Ion: 96 Resp: 81596
Ion Ratio Lower Upper
96 100
61 129.3 84.4 156.8
98 65.1 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 54.408 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

Tgt Ion: 73 Resp: 259195
Ion Ratio Lower Upper
73 100
43 17.1 13.8 20.8
57 20.4 15.9 23.9

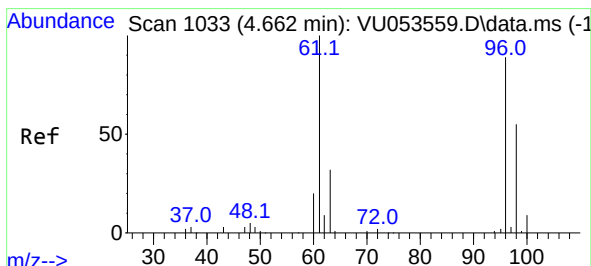
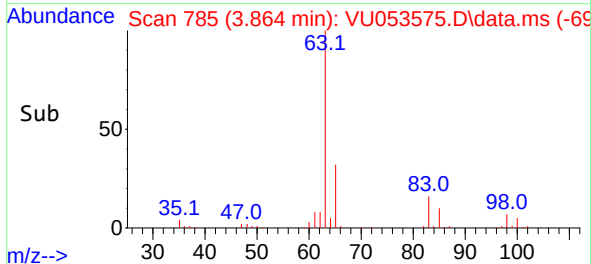
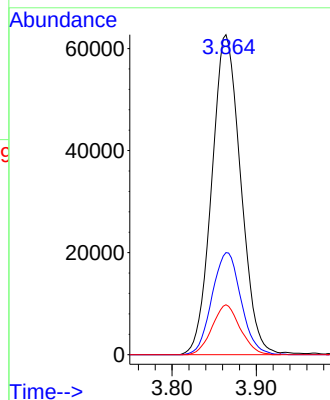
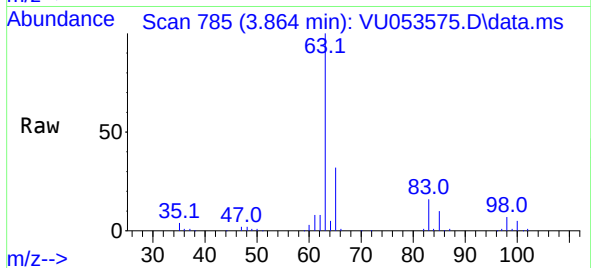




#19
1,1-Dichloroethane
Concen: 55.120 ug/L
RT: 3.864 min Scan# 784
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

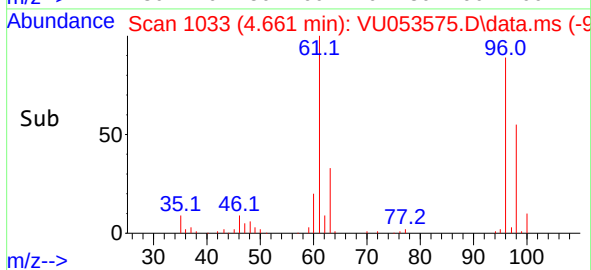
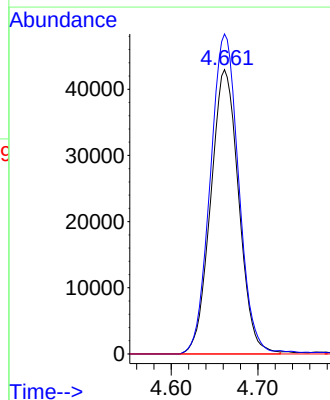
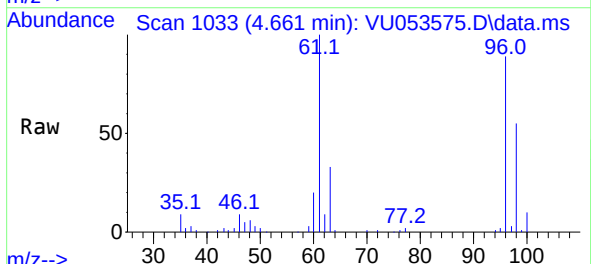
Instrument :
MSVOA_U
ClientSampleId :
VSTD050184

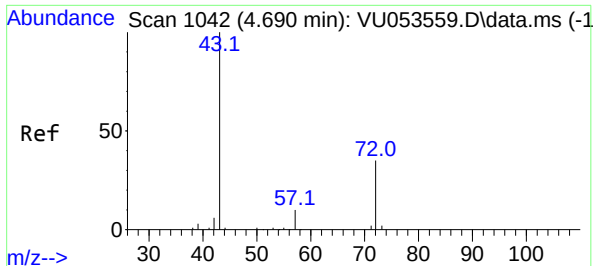
Tgt Ion: 63 Resp: 149229
Ion Ratio Lower Upper
63 100
65 31.9 22.0 41.0
83 15.6 10.8 20.0



#20
cis-1,2-Dichloroethene
Concen: 51.197 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

Tgt Ion: 96 Resp: 96649
Ion Ratio Lower Upper
96 100
61 112.6 74.7 138.7
68 0.0 0.0 0.0

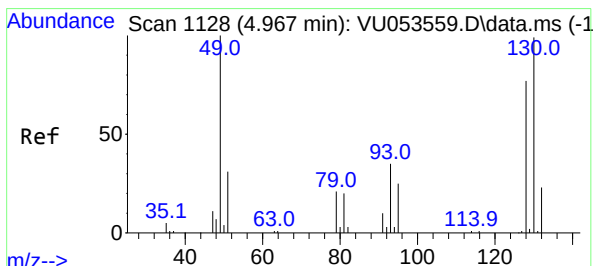
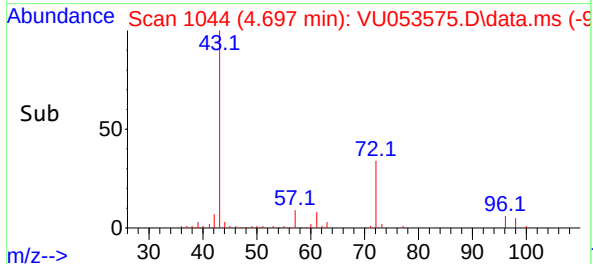
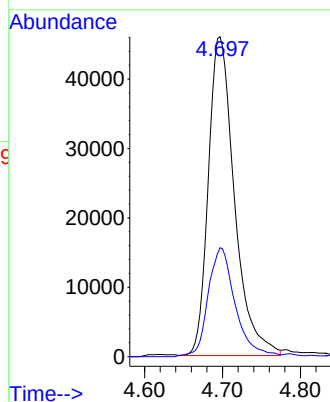
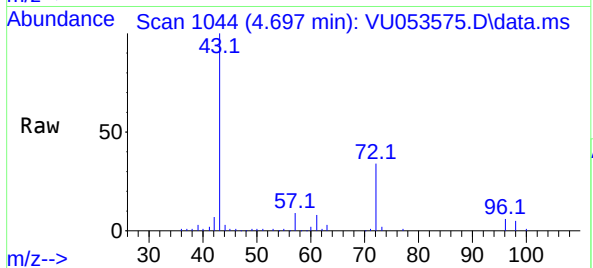




#22
2-Butanone
Concen: 105.401 ug/L
RT: 4.697 min Scan# 1042
Delta R.T. 0.003 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

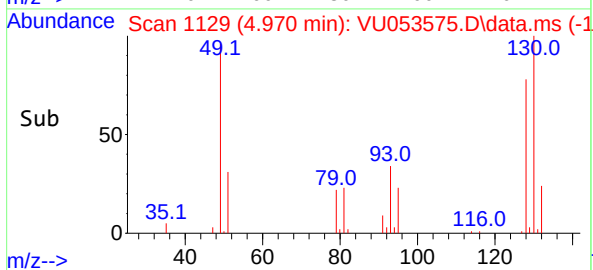
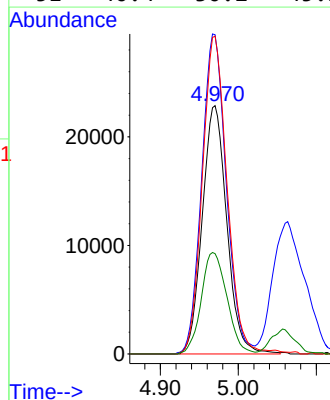
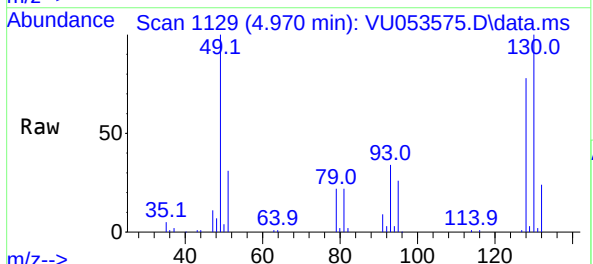
Instrument :
MSVOA_U
ClientSampleId :
VSTD050184

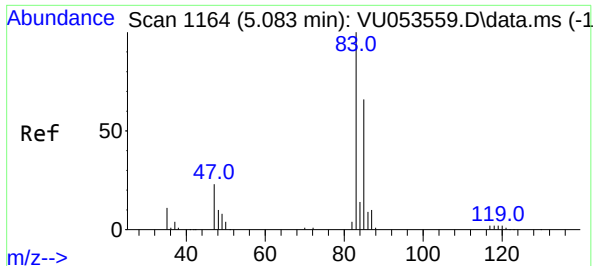
Tgt Ion: 43 Resp: 107224
Ion Ratio Lower Upper
43 100
72 35.3 15.8 47.3



#23
Bromochloromethane
Concen: 47.646 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

Tgt Ion: 128 Resp: 50102
Ion Ratio Lower Upper
128 100
49 128.5 81.5 151.3
130 127.9 91.8 170.4
51 40.4 30.2 45.2





#25

Chloroform

Concen: 52.841 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. -0.000 min

Lab File: VU053575.D

Acq: 04 Apr 2023 20:41

Instrument :

MSVOA_U

ClientSampleId :

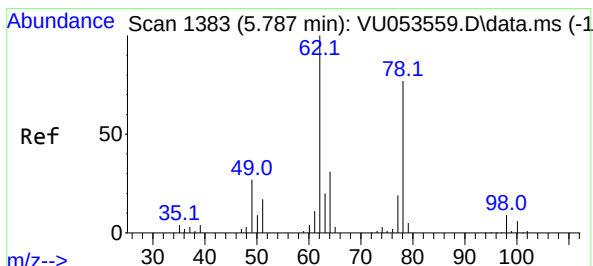
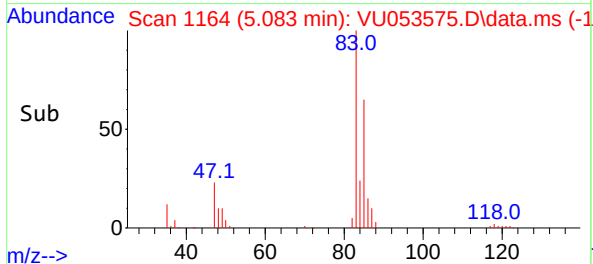
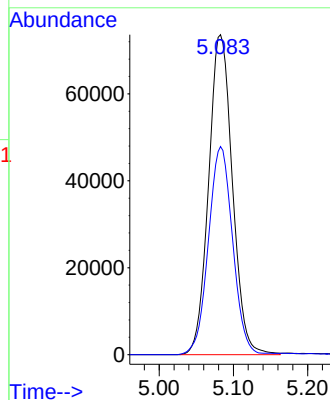
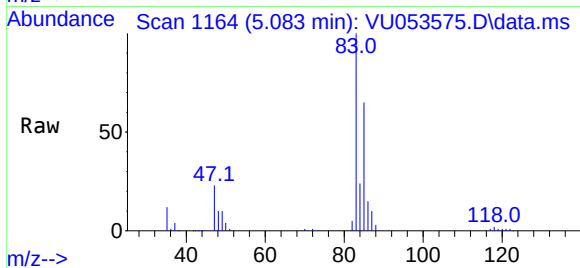
VSTD050184

Tgt Ion: 83 Resp: 164086

Ion Ratio Lower Upper

83 100

85 65.0 46.1 85.5



#27

1,2-Dichloroethane

Concen: 53.937 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. 0.003 min

Lab File: VU053575.D

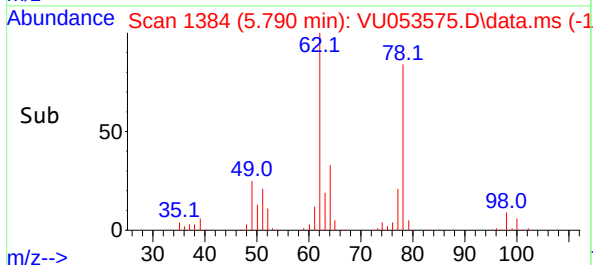
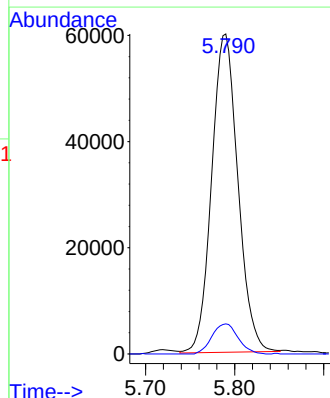
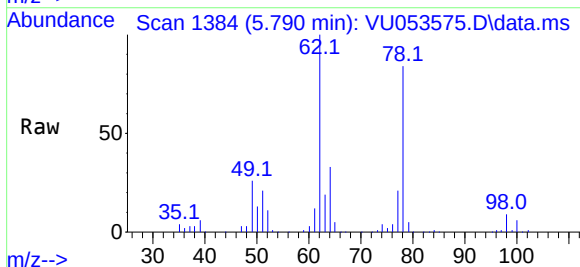
Acq: 04 Apr 2023 20:41

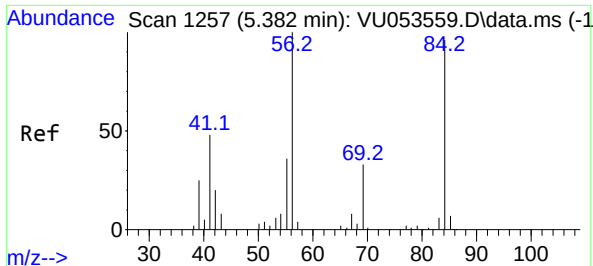
Tgt Ion: 62 Resp: 122658

Ion Ratio Lower Upper

62 100

98 9.4 8.3 12.5





#29

Cyclohexane

Concen: 54.121 ug/L

RT: 5.382 min Scan# 1257

Delta R.T. -0.003 min

Lab File: VU053575.D

Acq: 04 Apr 2023 20:41

Instrument :

MSVOA_U

ClientSampleId :

VSTD050184

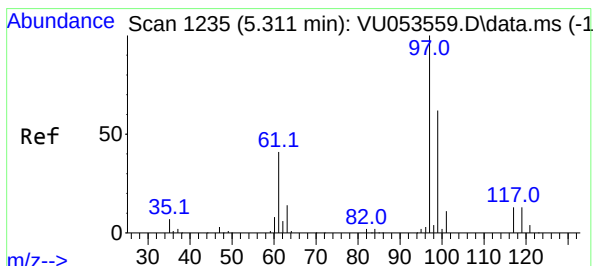
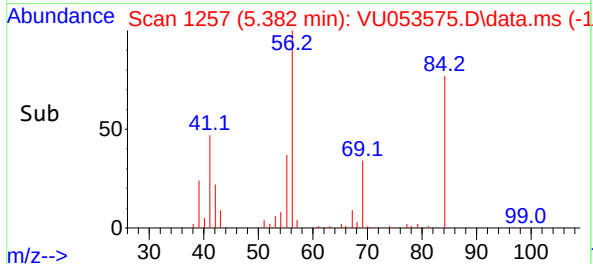
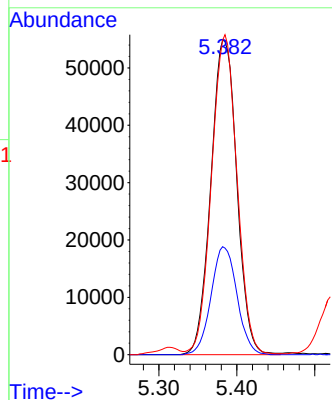
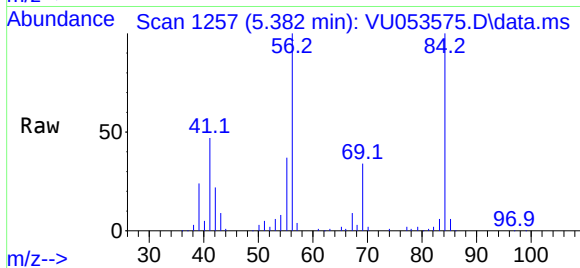
Tgt Ion: 56 Resp: 127045

Ion Ratio Lower Upper

56 100

69 34.2 27.3 40.9

84 98.8 81.3 121.9



#30

1,1,1-Trichloroethane

Concen: 52.151 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VU053575.D

Acq: 04 Apr 2023 20:41

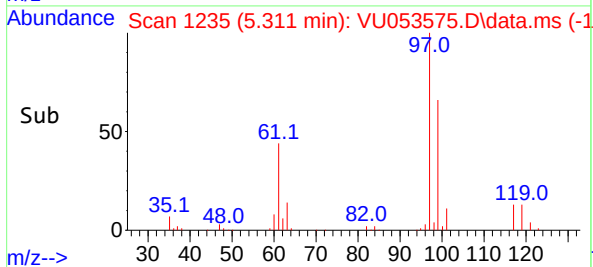
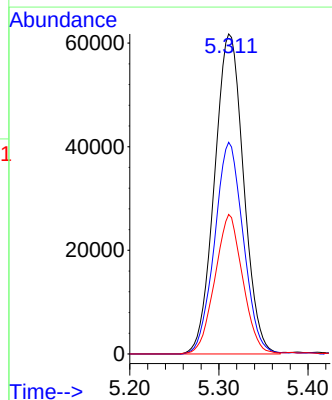
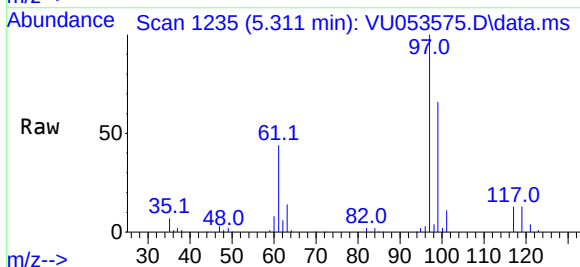
Tgt Ion: 97 Resp: 140120

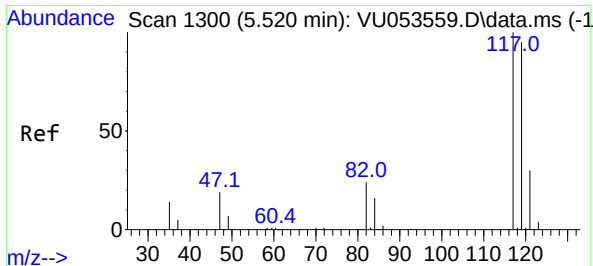
Ion Ratio Lower Upper

97 100

99 65.4 51.6 77.4

61 41.7 31.0 46.4

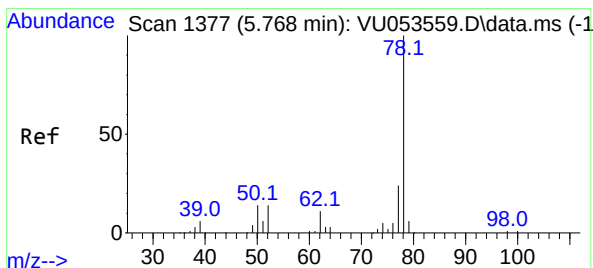
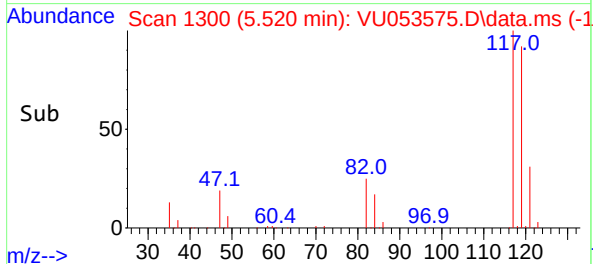
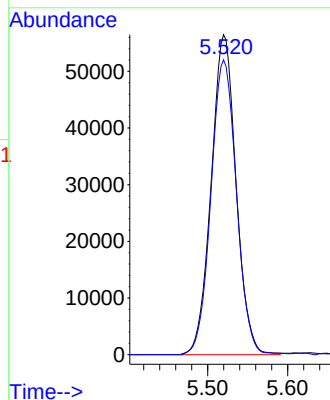
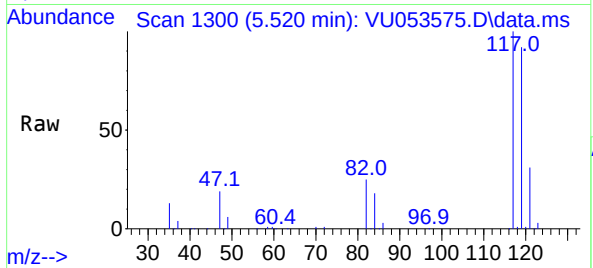




#31
Carbon tetrachloride
Concen: 50.676 ug/L
RT: 5.520 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

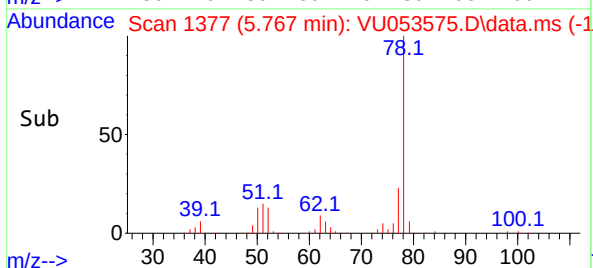
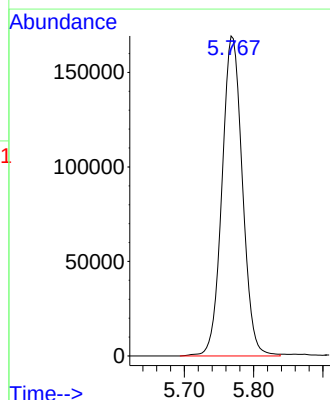
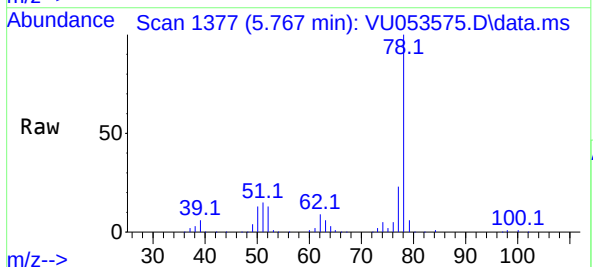
Instrument :
MSVOA_U
ClientSampleId :
VSTD050184

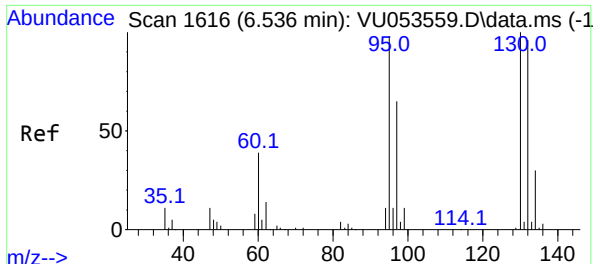
Tgt Ion:117 Resp: 121991
Ion Ratio Lower Upper
117 100
119 94.1 76.9 115.3



#33
Benzene
Concen: 54.615 ug/L
RT: 5.767 min Scan# 1377
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

Tgt Ion: 78 Resp: 346974



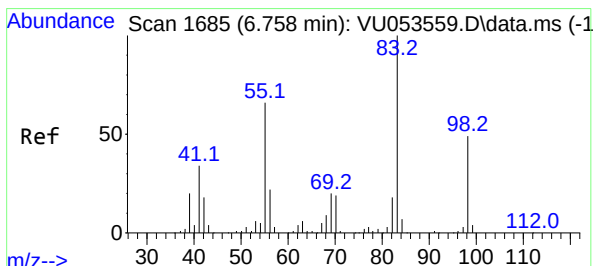
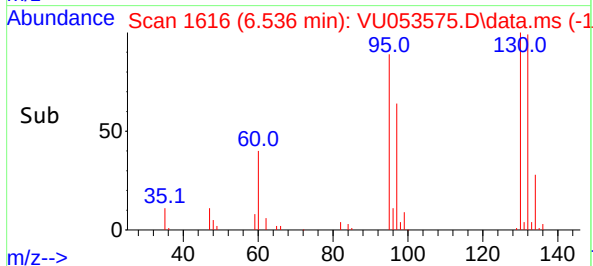
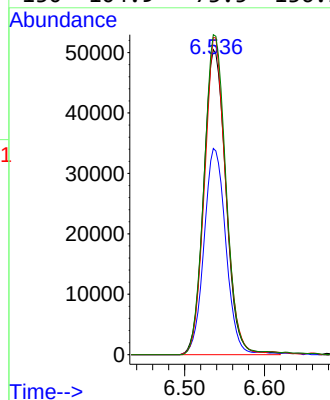
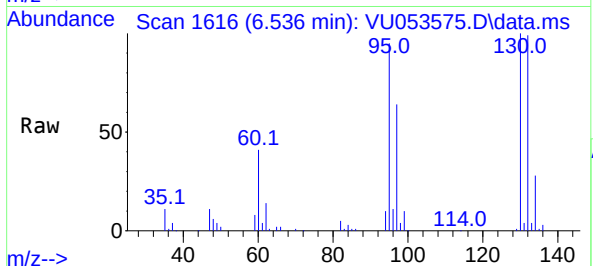


#34
Trichloroethene
Concen: 50.593 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD050184

Tgt Ion: 95 Resp: 97215

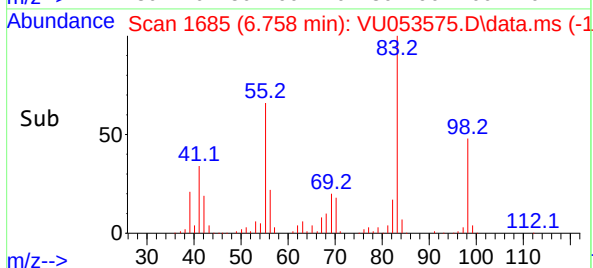
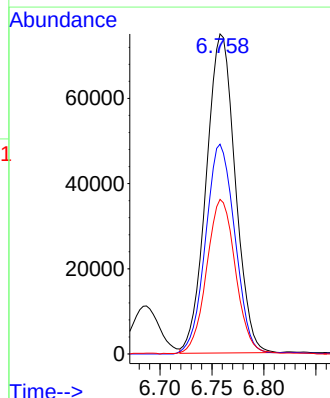
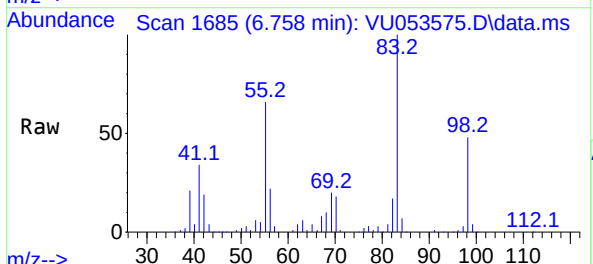
Ion	Ratio	Lower	Upper
95	100		
97	67.6	45.1	83.7
132	104.1	74.1	137.5
130	104.9	73.5	136.5

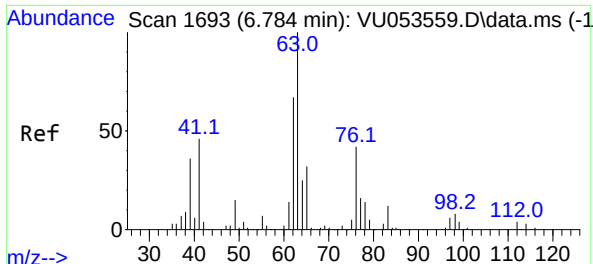


#35
Methylcyclohexane
Concen: 51.519 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

Tgt Ion: 83 Resp: 145515

Ion	Ratio	Lower	Upper
83	100		
55	66.6	53.0	79.6
98	48.0	39.0	58.6

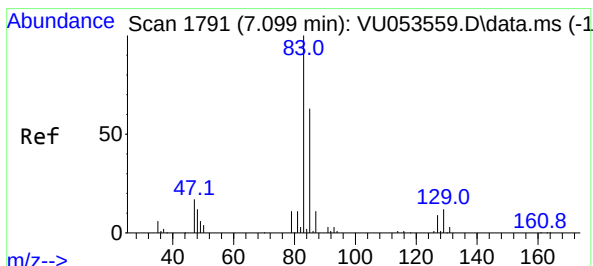
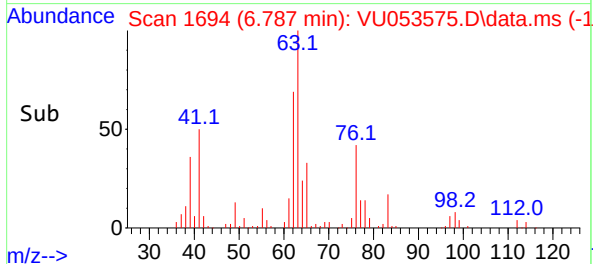
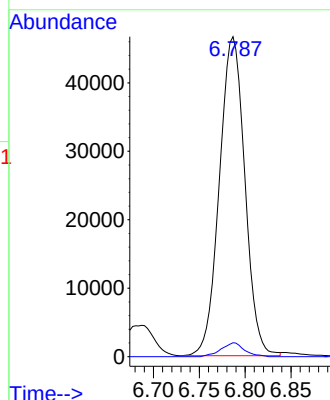
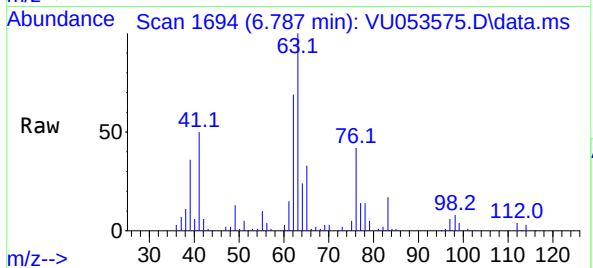




#37
1,2-Dichloropropane
Concen: 55.826 ug/L
RT: 6.787 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

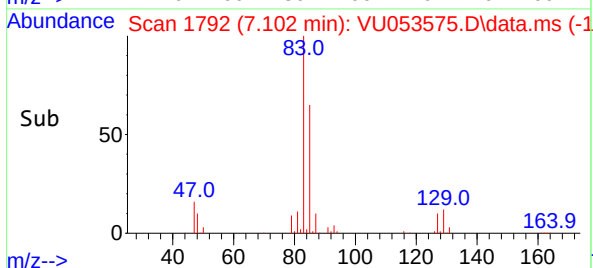
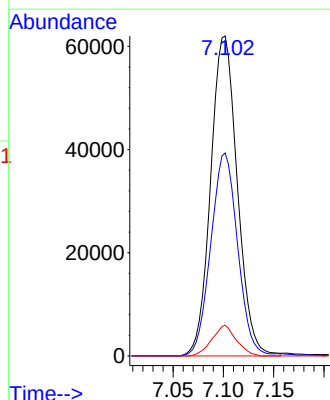
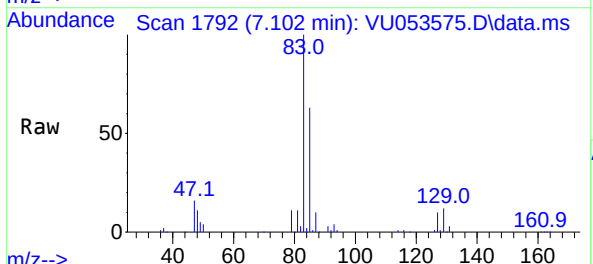
Instrument :
MSVOA_U
ClientSampleId :
VSTD050184

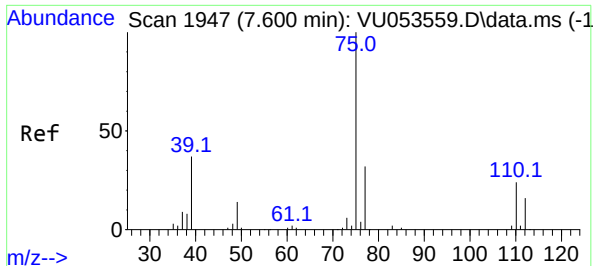
Tgt Ion: 63 Resp: 90057
Ion Ratio Lower Upper
63 100
112 4.0 3.8 5.6



#38
Bromodichloromethane
Concen: 53.154 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.003 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

Tgt Ion: 83 Resp: 114389
Ion Ratio Lower Upper
83 100
85 63.5 44.4 82.5
127 9.6 8.0 12.0





#39

cis-1,3-Dichloropropene

Concen: 56.249 ug/L

RT: 7.603 min Scan# 1947

Delta R.T. 0.003 min

Lab File: VU053575.D

Acq: 04 Apr 2023 20:41

Instrument :

MSVOA_U

ClientSampleId :

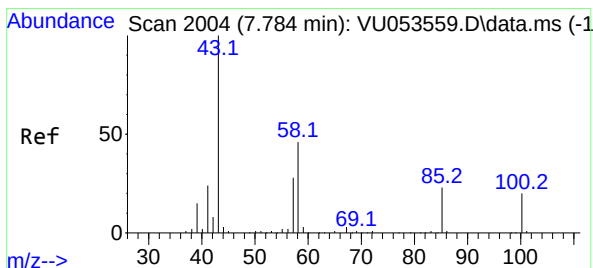
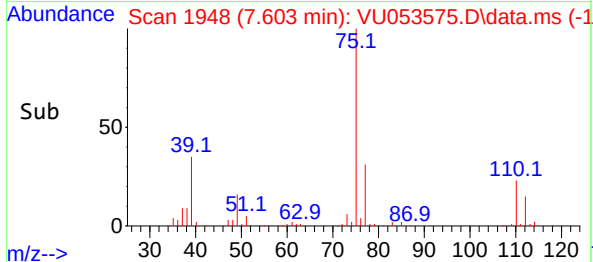
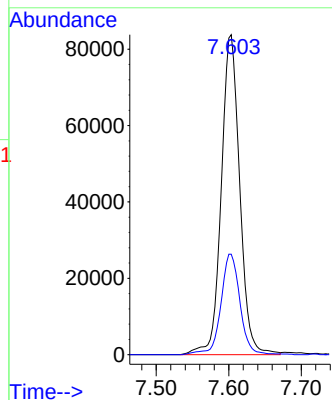
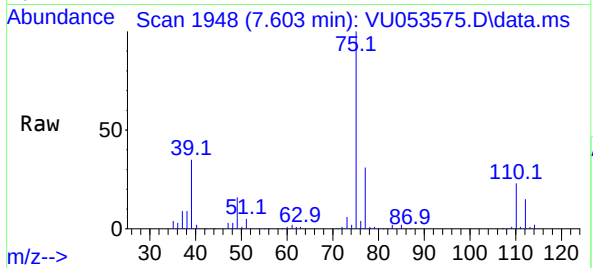
VSTD050184

Tgt Ion: 75 Resp: 148278

Ion Ratio Lower Upper

75 100

77 31.4 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 118.219 ug/L

RT: 7.783 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VU053575.D

Acq: 04 Apr 2023 20:41

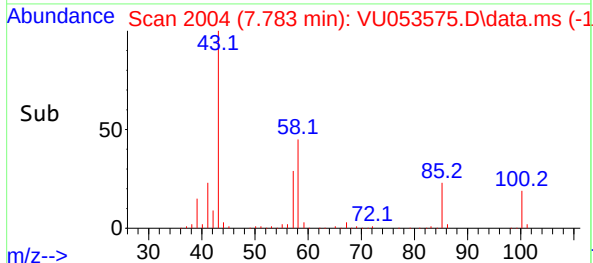
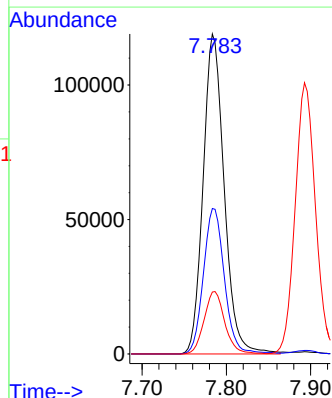
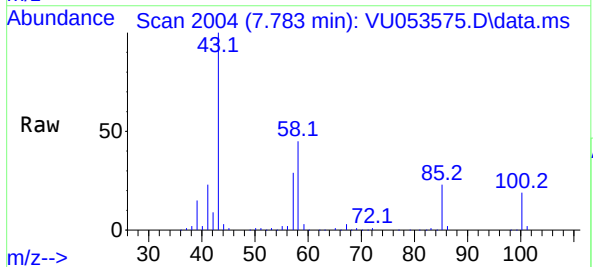
Tgt Ion: 43 Resp: 207240

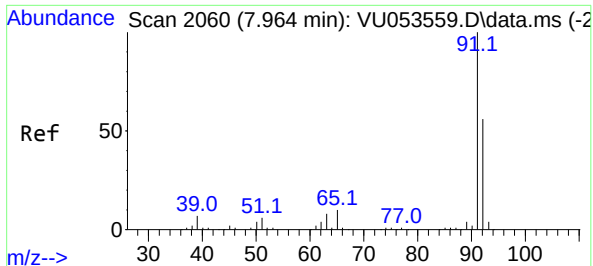
Ion Ratio Lower Upper

43 100

58 45.3 35.5 53.3

100 19.1 15.8 23.8





#42

Toluene

Concen: 52.934 ug/L

RT: 7.963 min Scan# 2060

Delta R.T. -0.000 min

Lab File: VU053575.D

Acq: 04 Apr 2023 20:41

Instrument :

MSVOA_U

ClientSampleId :

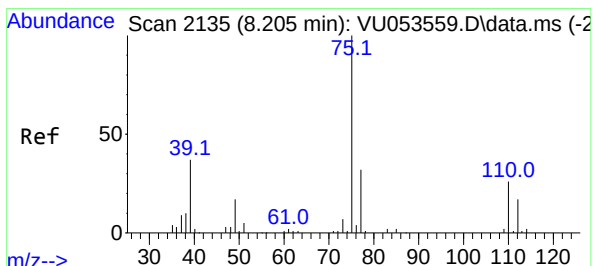
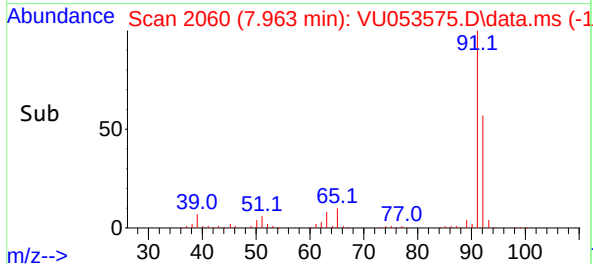
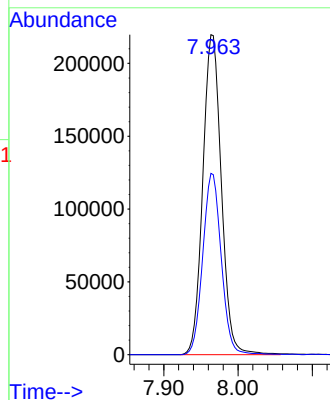
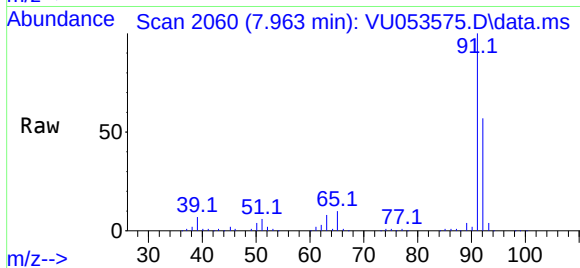
VSTD050184

Tgt Ion: 91 Resp: 381108

Ion Ratio Lower Upper

91 100

92 56.7 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 54.701 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VU053575.D

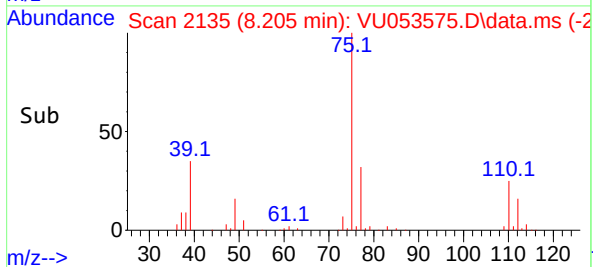
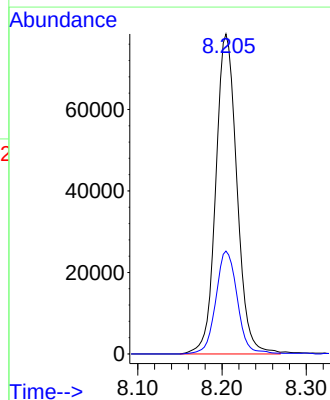
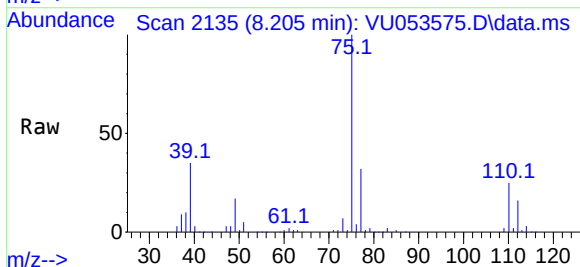
Acq: 04 Apr 2023 20:41

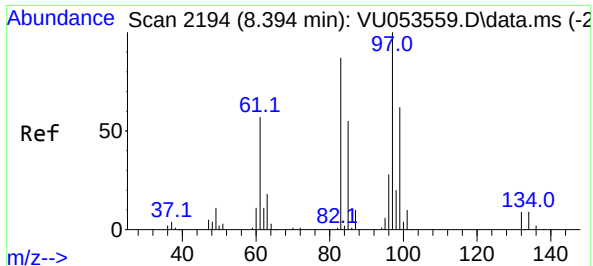
Tgt Ion: 75 Resp: 136318

Ion Ratio Lower Upper

75 100

77 32.2 21.8 40.4



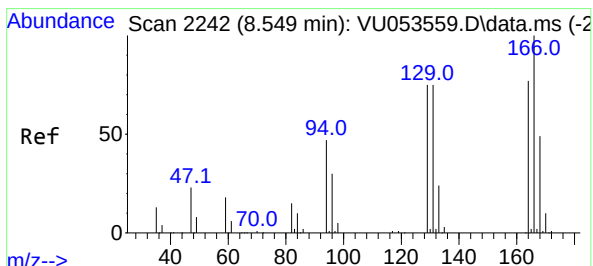
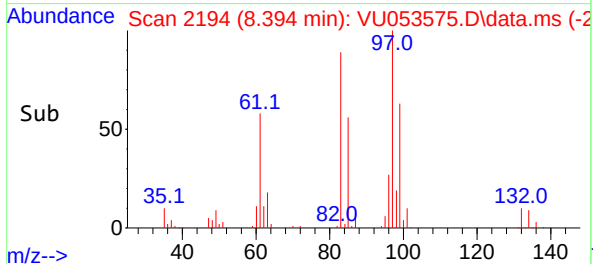
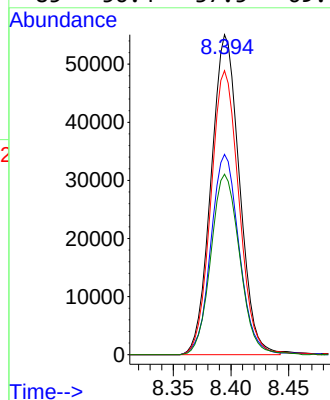
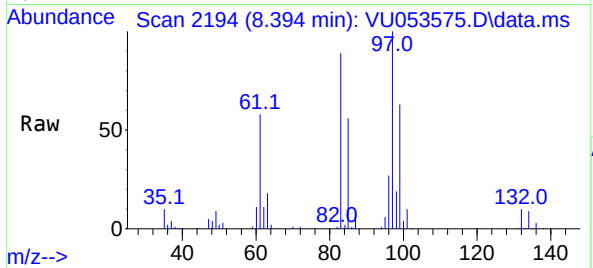


#45
1,1,2-Trichloroethane
Concen: 53.167 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD050184

Tgt Ion: 97 Resp: 94166

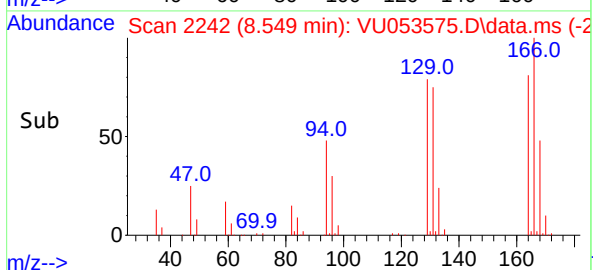
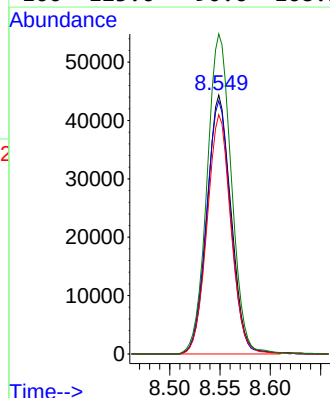
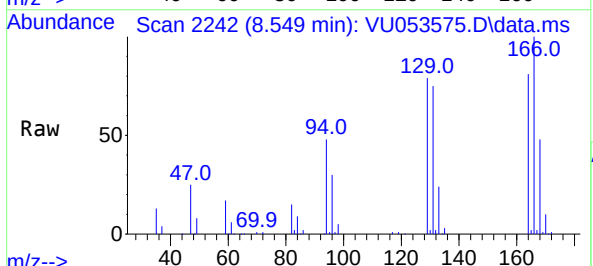
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.8	81.3
83	88.7	59.0	109.6
85	56.4	37.5	69.7

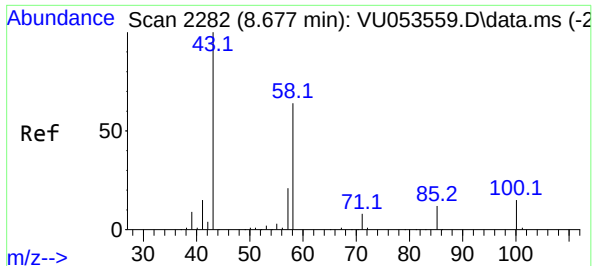


#46
Tetrachloroethene
Concen: 46.220 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

Tgt Ion: 164 Resp: 73700

Ion	Ratio	Lower	Upper
164	100		
129	97.8	64.0	119.0
131	92.4	61.9	115.1
166	123.6	90.6	168.2



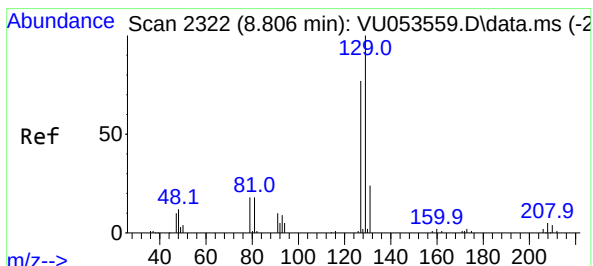
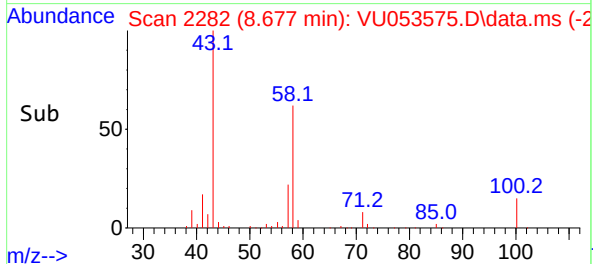
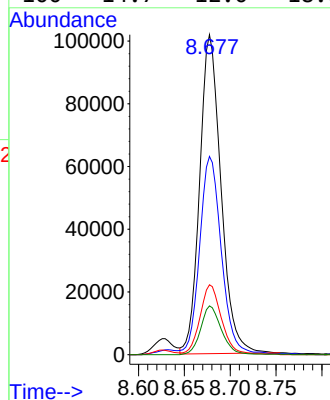
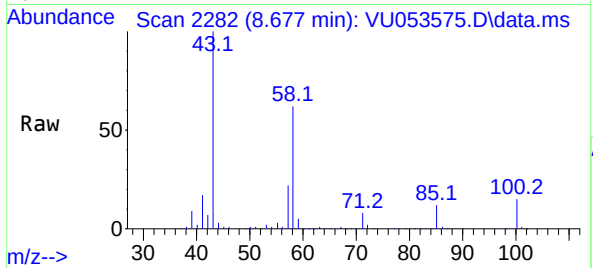


#48
2-Hexanone
Concen: 116.232 ug/L
RT: 8.677 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD050184

Tgt Ion: 43 Resp: 164822

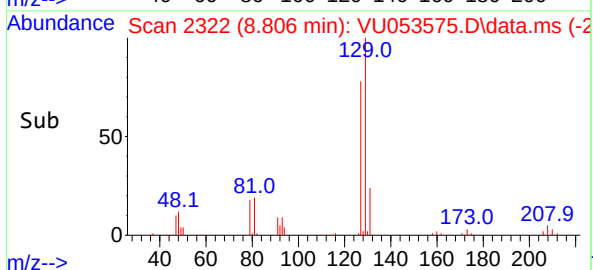
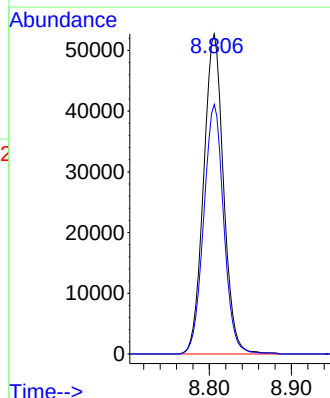
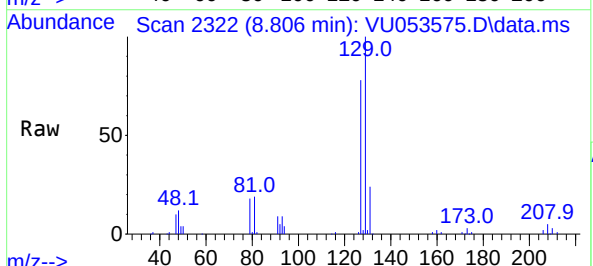
Ion	Ratio	Lower	Upper
43	100		
58	61.5	49.8	74.6
57	22.1	17.8	26.6
100	14.7	12.0	18.0

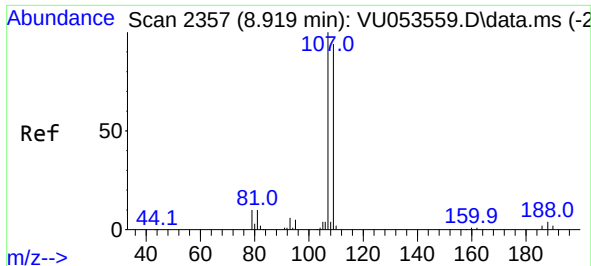


#49
Dibromochloromethane
Concen: 48.274 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.003 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

Tgt Ion: 129 Resp: 88903

Ion	Ratio	Lower	Upper
129	100		
127	78.0	53.5	99.3

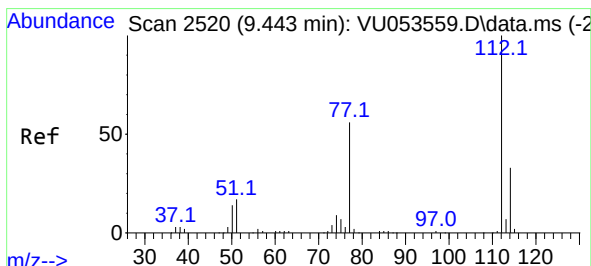
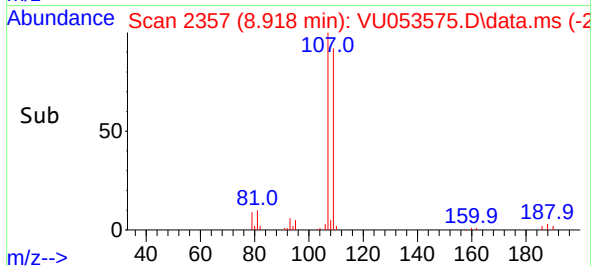
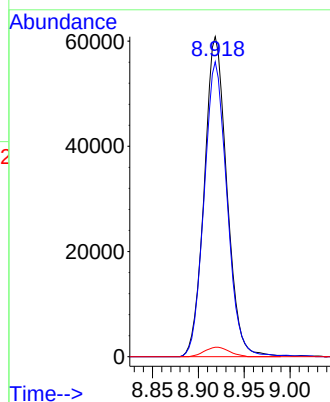
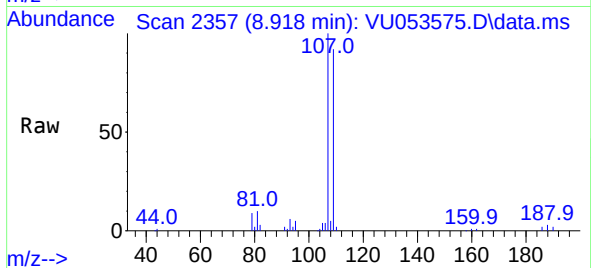




#50
1,2-Dibromoethane
Concen: 52.589 ug/L
RT: 8.918 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

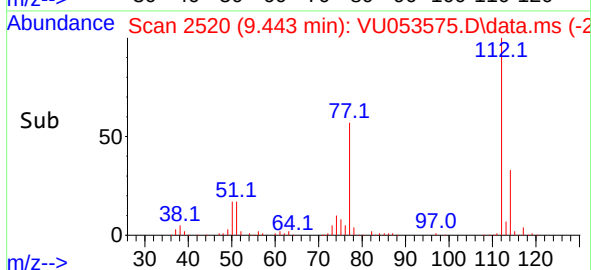
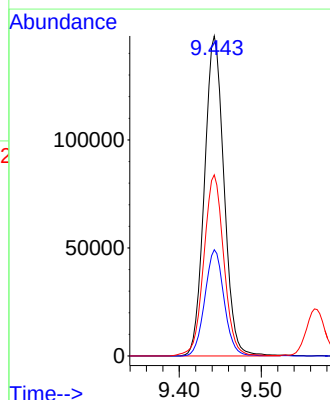
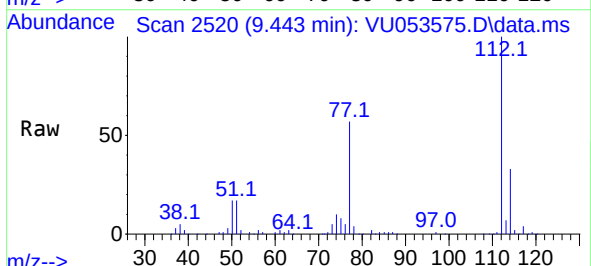
Instrument :
MSVOA_U
ClientSampleId :
VSTD050184

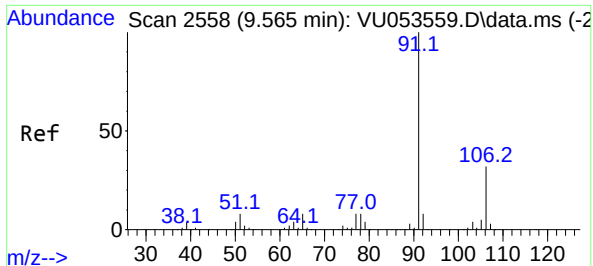
Tgt Ion:107 Resp: 104206
Ion Ratio Lower Upper
107 100
109 92.2 66.3 123.1
188 3.0 3.0 4.4



#51
Chlorobenzene
Concen: 49.476 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

Tgt Ion:112 Resp: 245429
Ion Ratio Lower Upper
112 100
114 33.2 22.2 41.2
77 56.6 41.3 61.9

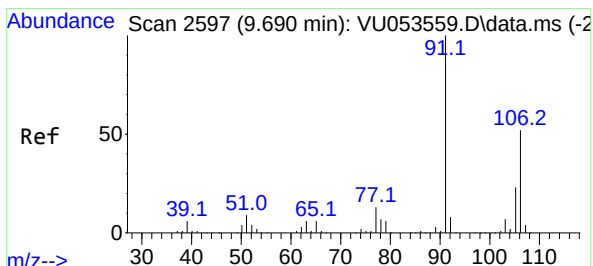
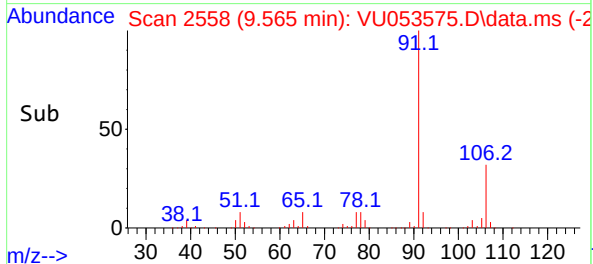
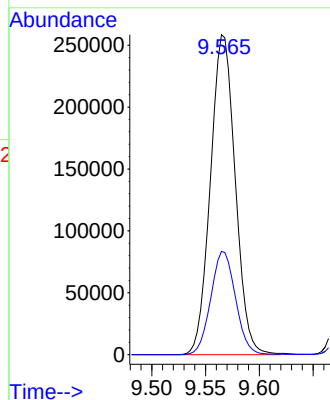
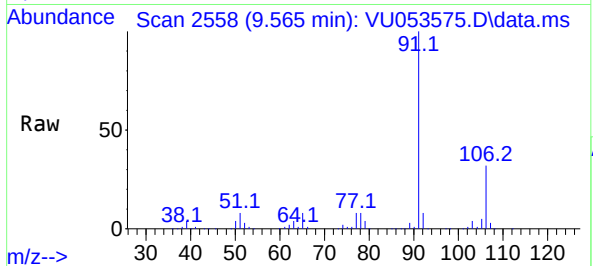




#52
Ethylbenzene
Concen: 51.732 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

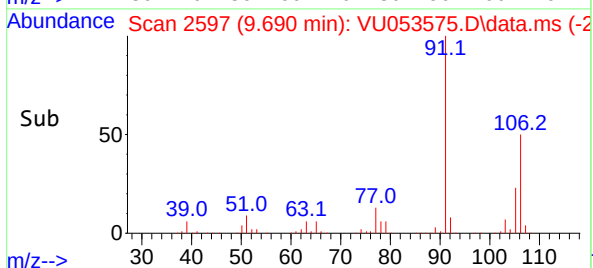
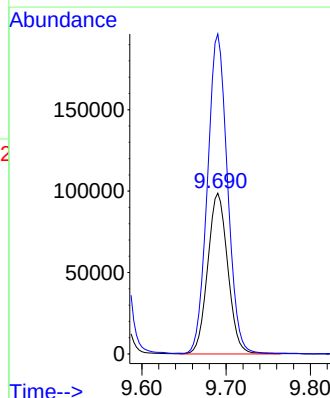
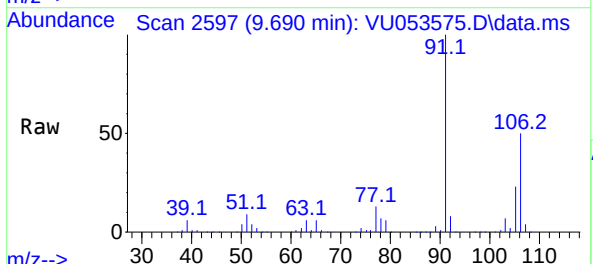
Instrument :
MSVOA_U
ClientSampleId :
VSTD050184

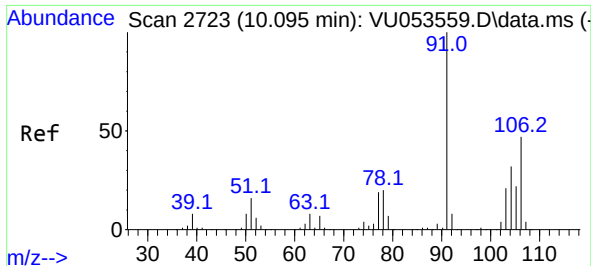
Tgt Ion: 91 Resp: 414611
Ion Ratio Lower Upper
91 100
106 32.3 22.4 41.6



#53
m,p-Xylene
Concen: 52.196 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

Tgt Ion: 106 Resp: 163609
Ion Ratio Lower Upper
106 100
91 199.1 140.0 260.0

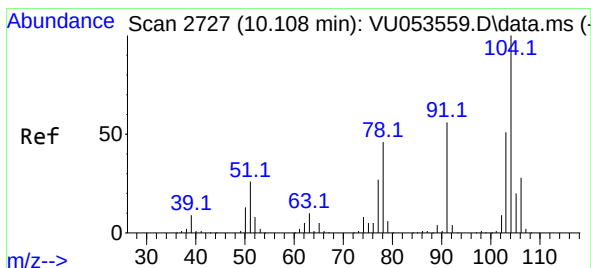
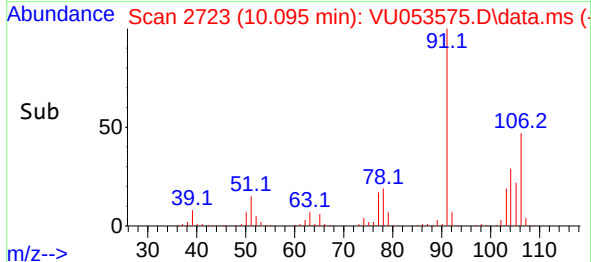
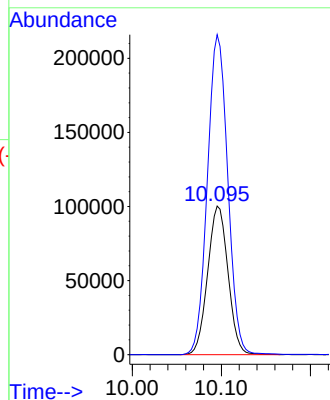
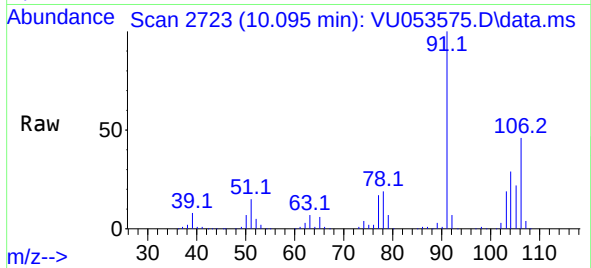




#54
o-xylene
Concen: 51.375 ug/L
RT: 10.095 min Scan# 2723
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

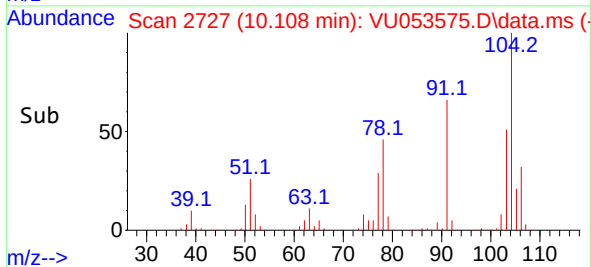
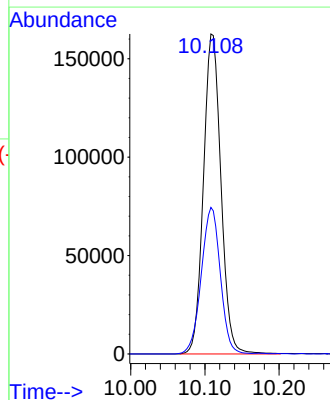
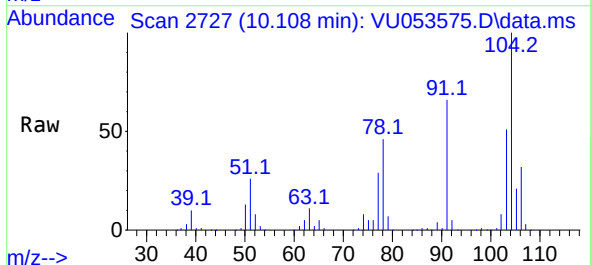
Instrument :
MSVOA_U
ClientSampleId :
VSTD050184

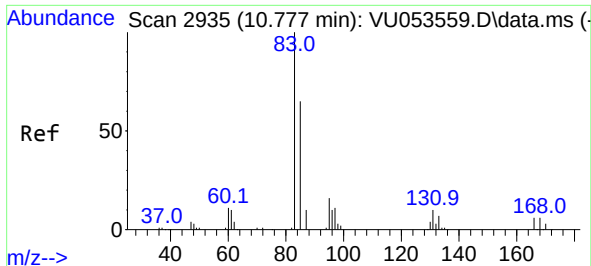
Tgt Ion:106 Resp: 159215
Ion Ratio Lower Upper
106 100
91 215.3 144.9 269.1



#55
Styrene
Concen: 52.719 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

Tgt Ion:104 Resp: 266115
Ion Ratio Lower Upper
104 100
78 45.8 31.3 58.1

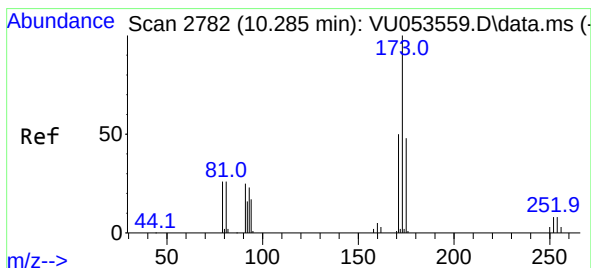
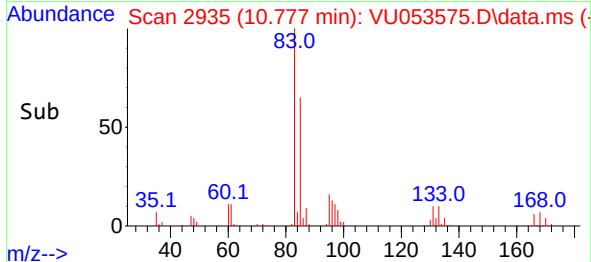
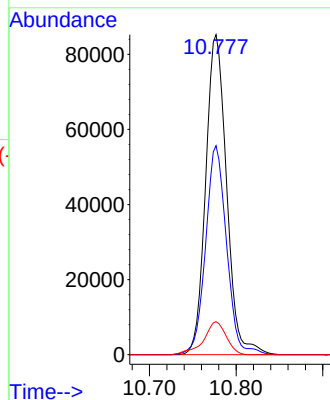
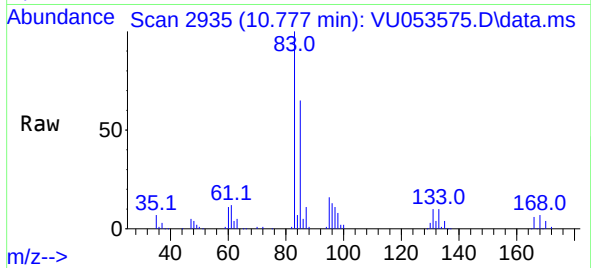




#57
1,1,2,2-Tetrachloroethane
Concen: 54.946 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

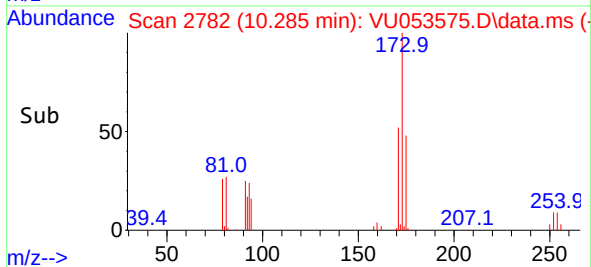
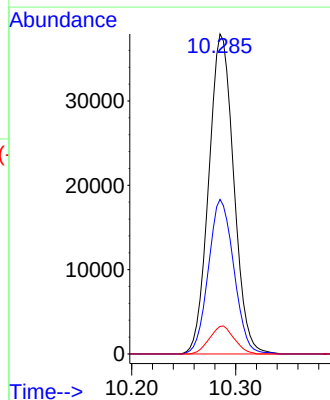
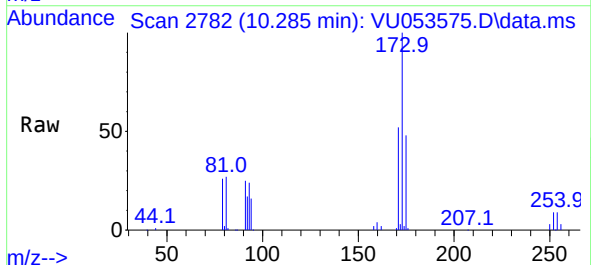
Instrument :
MSVOA_U
ClientSampleId :
VSTD050184

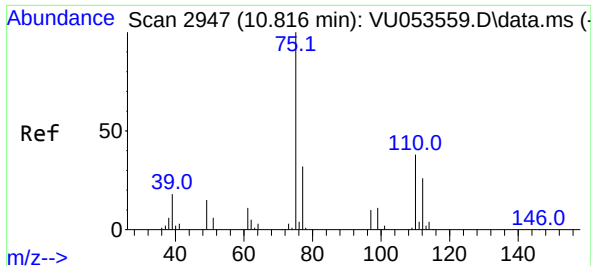
Tgt Ion: 83 Resp: 142884
Ion Ratio Lower Upper
83 100
85 65.3 47.0 87.4
131 10.3 8.7 13.1



#59
Bromoform
Concen: 45.815 ug/L
RT: 10.285 min Scan# 2782
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

Tgt Ion: 173 Resp: 63359
Ion Ratio Lower Upper
173 100
175 49.2 39.0 58.6
254 8.6 7.0 10.4

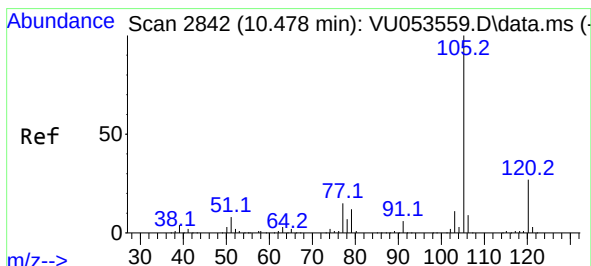
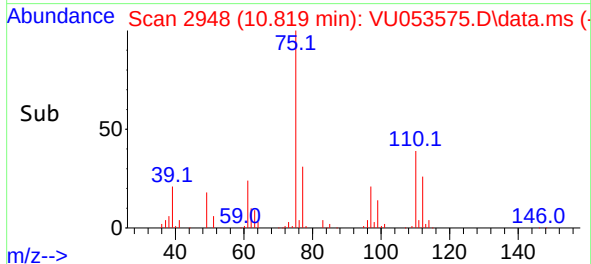
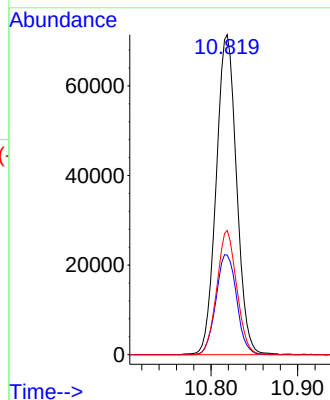
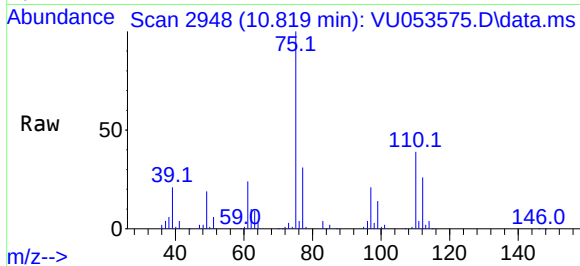




#60
1,2,3-Trichloropropane
Concen: 59.632 ug/L
RT: 10.819 min Scan# 2947
Delta R.T. 0.003 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

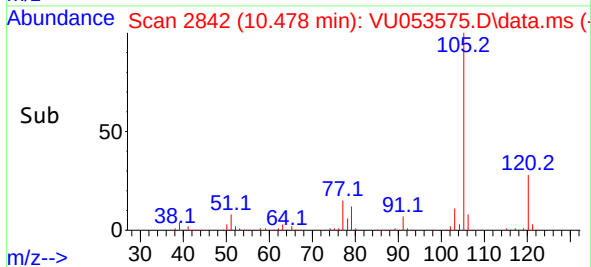
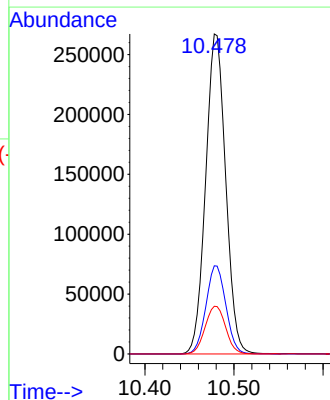
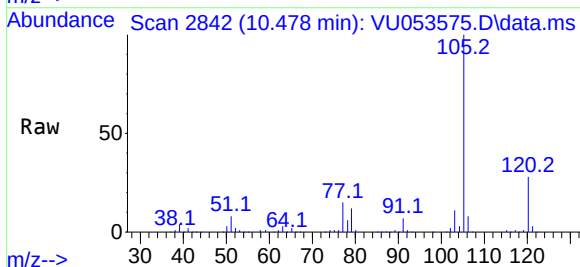
Instrument :
MSVOA_U
ClientSampleId :
VSTD050184

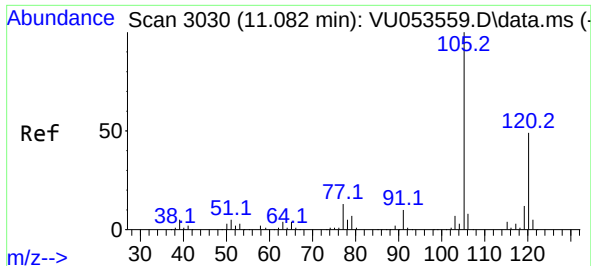
Tgt Ion: 75 Resp: 116823
Ion Ratio Lower Upper
75 100
77 31.8 26.0 39.0
110 37.8 32.6 48.8



#61
Isopropylbenzene
Concen: 52.159 ug/L
RT: 10.478 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

Tgt Ion: 105 Resp: 416655
Ion Ratio Lower Upper
105 100
120 27.5 22.4 33.6
77 15.3 12.1 18.1

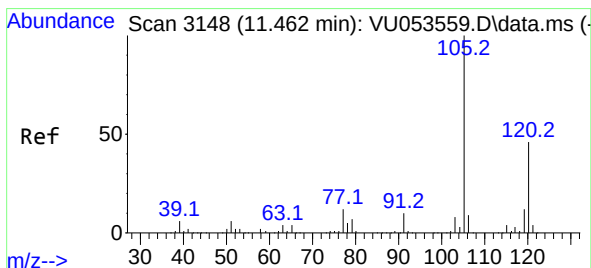
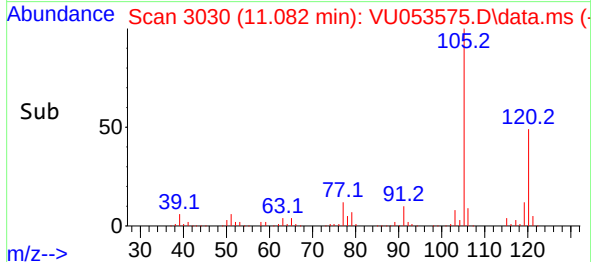
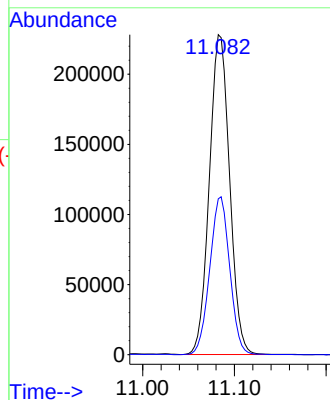
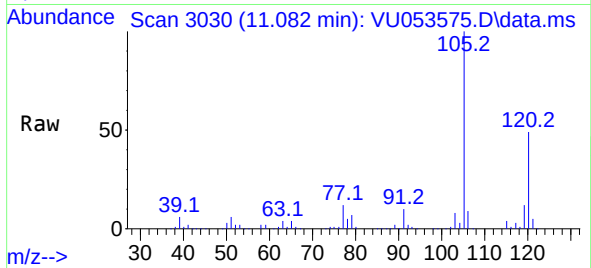




#62
1,3,5-Trimethylbenzene
Concen: 52.647 ug/L
RT: 11.082 min Scan# 3030
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

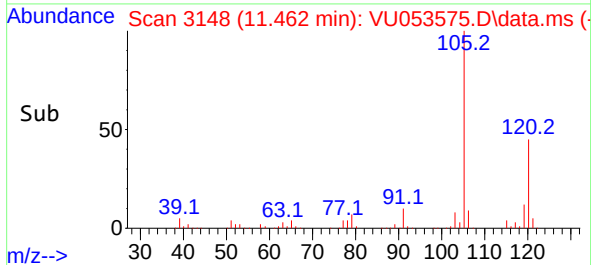
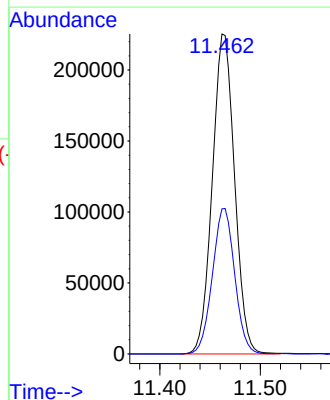
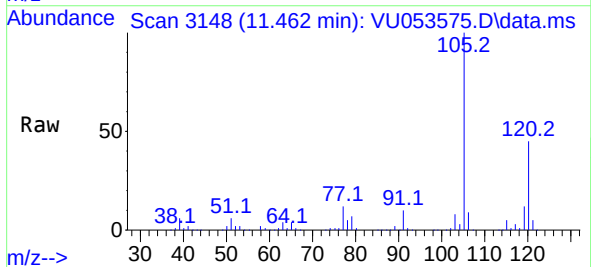
Instrument :
MSVOA_U
ClientSampleId :
VSTD050184

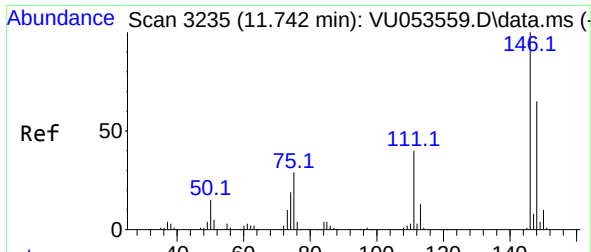
Tgt Ion:105 Resp: 349601
Ion Ratio Lower Upper
105 100
120 48.7 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 52.733 ug/L
RT: 11.462 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

Tgt Ion:105 Resp: 346823
Ion Ratio Lower Upper
105 100
120 45.5 37.5 56.3





#64

1,3-Dichlorobenzene

Concen: 47.960 ug/L

RT: 11.741 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053575.D

Acq: 04 Apr 2023 20:41

Instrument :

MSVOA_U

ClientSampleId :

VSTD050184

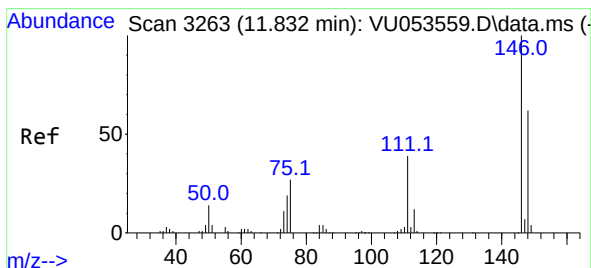
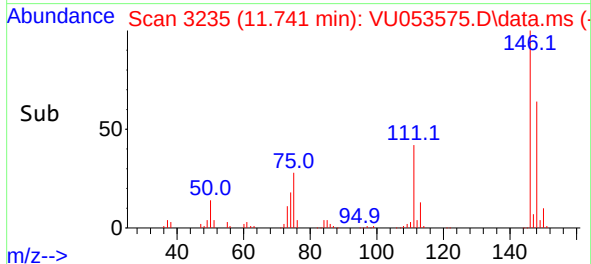
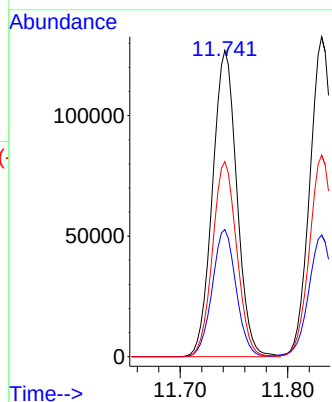
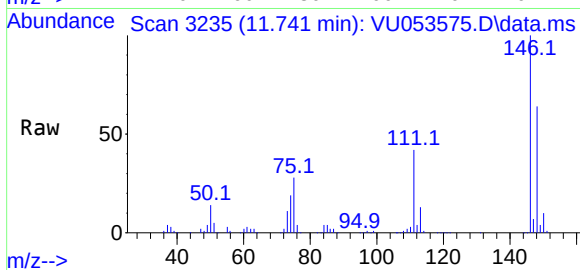
Tgt Ion:146 Resp: 200184

Ion Ratio Lower Upper

146 100

111 41.5 25.7 47.7

148 63.7 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 48.229 ug/L

RT: 11.832 min Scan# 3263

Delta R.T. -0.000 min

Lab File: VU053575.D

Acq: 04 Apr 2023 20:41

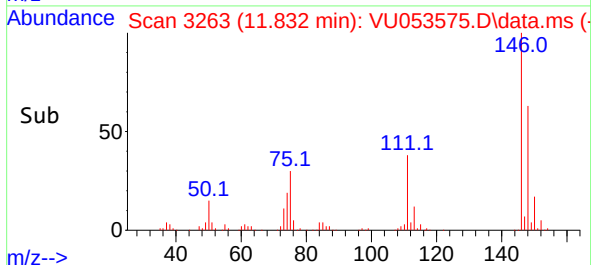
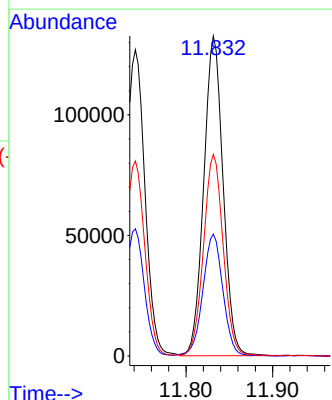
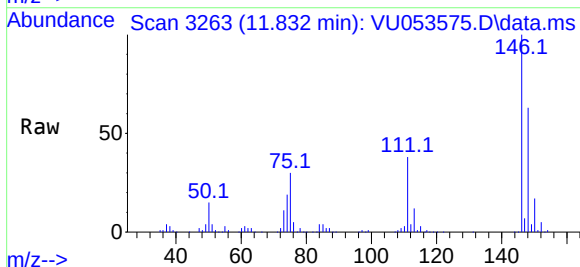
Tgt Ion:146 Resp: 205172

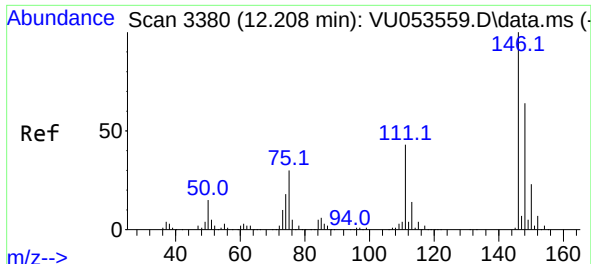
Ion Ratio Lower Upper

146 100

111 38.1 25.1 46.5

148 63.0 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 47.385 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053575.D

Acq: 04 Apr 2023 20:41

Instrument :

MSVOA_U

ClientSampleId :

VSTD050184

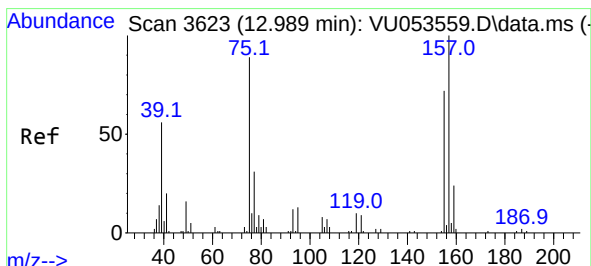
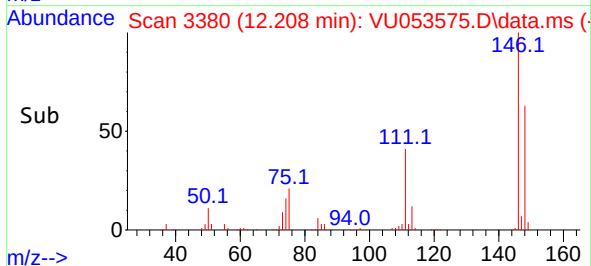
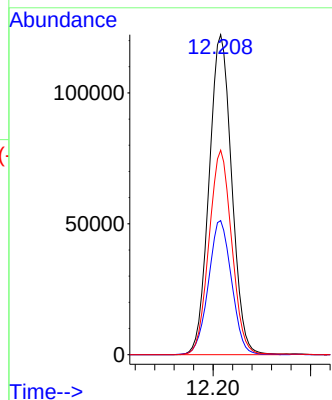
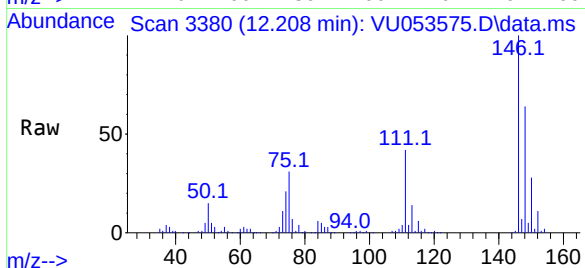
Tgt Ion:146 Resp: 197125

Ion Ratio Lower Upper

146 100

111 41.9 31.5 47.3

148 63.9 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 59.279 ug/L

RT: 12.989 min Scan# 3623

Delta R.T. -0.000 min

Lab File: VU053575.D

Acq: 04 Apr 2023 20:41

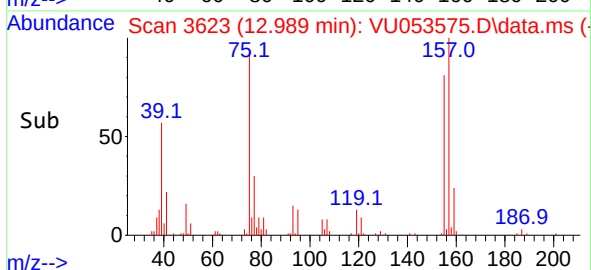
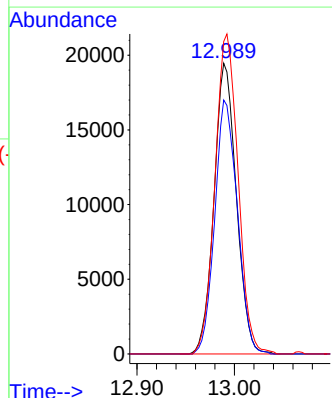
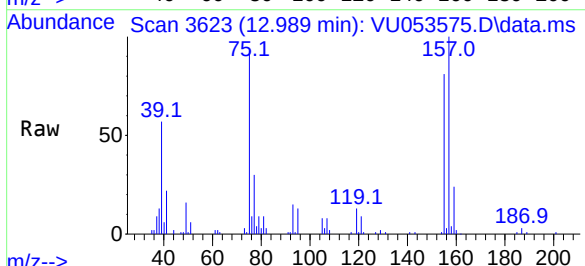
Tgt Ion: 75 Resp: 30959

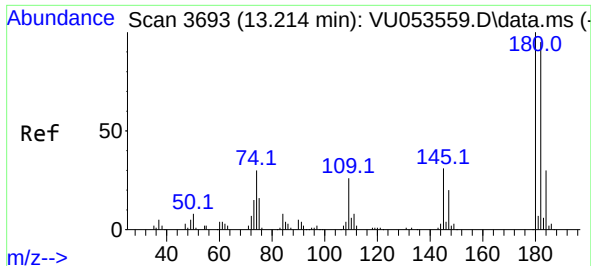
Ion Ratio Lower Upper

75 100

155 87.3 79.9 119.9

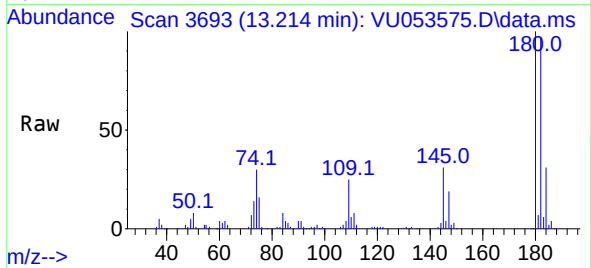
157 107.5 100.8 151.2



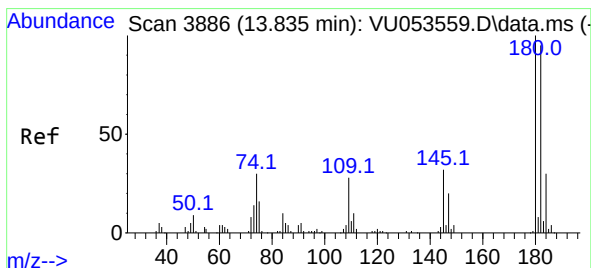
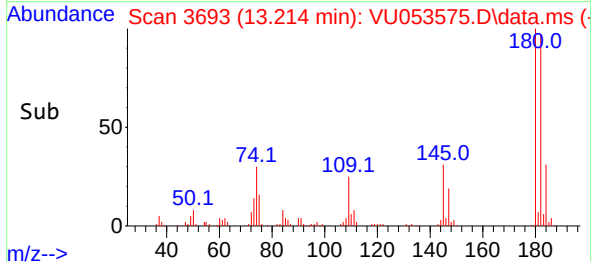
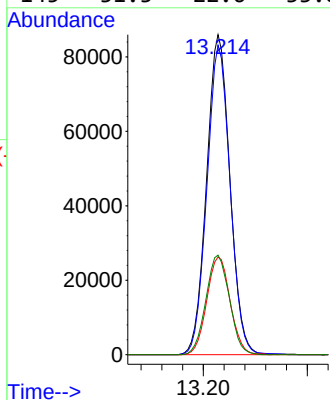


#69
1,3,5-Trichlorobenzene
Concen: 43.328 ug/L
RT: 13.214 min Scan# 3693
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD050184

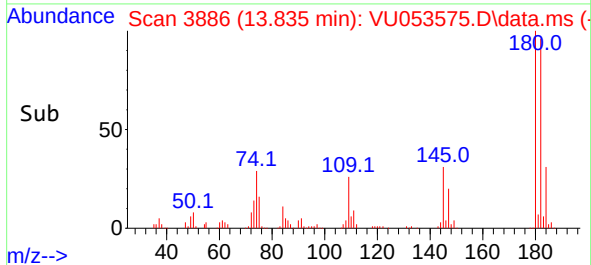
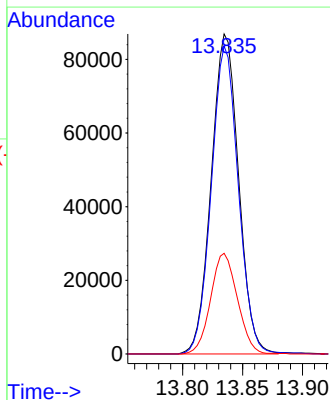
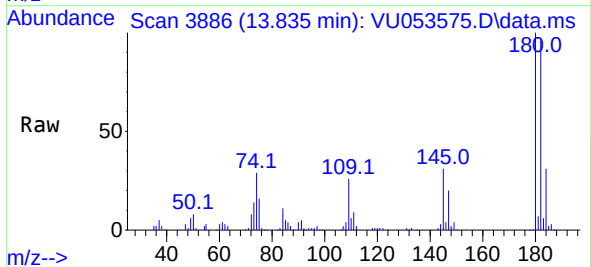


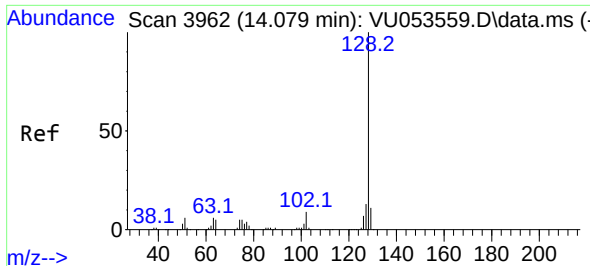
Tgt Ion:180 Resp: 133925
Ion Ratio Lower Upper
180 100
182 95.8 75.6 113.4
184 30.6 24.2 36.2
145 31.3 22.6 33.8



#70
1,2,4-trichlorobenzene
Concen: 48.004 ug/L
RT: 13.835 min Scan# 3886
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

Tgt Ion:180 Resp: 137568
Ion Ratio Lower Upper
180 100
182 95.1 75.8 113.8
145 30.9 23.4 35.2

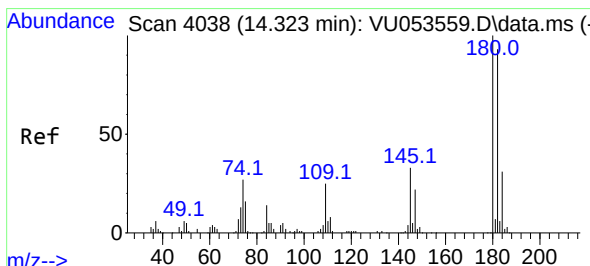
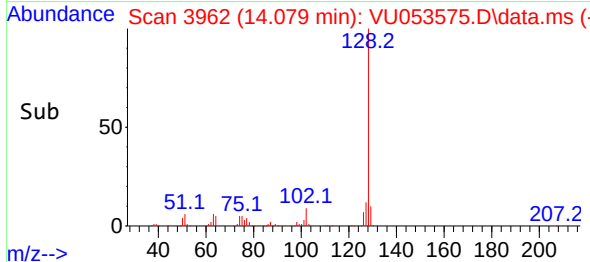
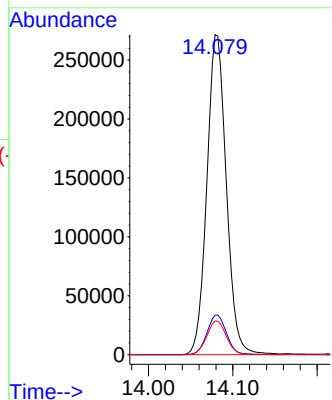
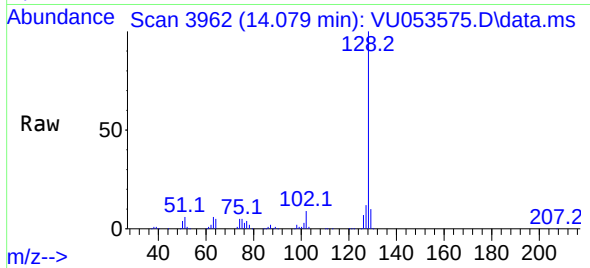




#71
Naphthalene
Concen: 50.851 ug/L
RT: 14.079 min Scan# 3962
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD050184

Tgt Ion:128 Resp: 436184
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 10.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 46.069 ug/L
RT: 14.323 min Scan# 4038
Delta R.T. -0.000 min
Lab File: VU053575.D
Acq: 04 Apr 2023 20:41

Tgt Ion:180 Resp: 131866
Ion Ratio Lower Upper
180 100
182 94.9 77.0 115.6
145 32.8 25.4 38.0

