

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090122\
 Data File : VU050575.D
 Acq On : 01 Sep 2022 12:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050186

Quant Time: Sep 02 01:58:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 01 05:15:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	229545	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	225181	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	109855	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	80968	45.991	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.980%
7) Chloroethane-d5	1.903	69	53786	39.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.380%
11) 1,1-Dichloroethene-d2	2.562	63	152278	51.230	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.460%
21) 2-Butanone-d5	4.626	46	125275	81.363	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.360%
24) Chloroform-d	5.060	84	173762	50.724	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.440%
26) 1,2-Dichloroethane-d4	5.700	65	107515	48.318	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.640%
32) Benzene-d6	5.726	84	341521	48.933	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.860%
36) 1,2-Dichloropropane-d6	6.690	67	110439	47.524	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.040%
41) Toluene-d8	7.896	98	311067	51.232	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.460%
43) trans-1,3-Dichloroprop...	8.179	79	50002	53.501	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.000%
47) 2-Hexanone-d5	8.636	63	56062	66.629	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	66.630%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	172762	47.662	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.320%
66) 1,2-Dichlorobenzene-d4	12.192	152	116870	49.137	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	86398	59.786	ug/L	100
3) Chloromethane	1.517	50	84624	35.346	ug/L	99
5) Vinyl chloride	1.601	62	84262	38.116	ug/L	99
6) Bromomethane	1.848	94	47123	46.540	ug/L	100
8) Chloroethane	1.922	64	48161	34.616	ug/L	98
9) Trichlorofluoromethane	2.131	101	118366	46.548	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	81430	53.794	ug/L	99
12) 1,1-Dichloroethene	2.575	96	76856	48.588	ug/L	99
13) Acetone	2.633	43	99121	82.870	ug/L	98
14) Carbon disulfide	2.787	76	203016	52.230	ug/L	99
15) Methyl Acetate	2.948	43	103561	42.188	ug/L	97
16) Methylene chloride	3.041	84	102026	39.675	ug/L	98
17) trans-1,2-Dichloroethene	3.346	96	84795	49.496	ug/L	94
18) Methyl tert-butyl Ether	3.363	73	285051	49.090	ug/L	100
19) 1,1-Dichloroethane	3.864	63	164541	47.146	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	98023	48.073	ug/L	98
22) 2-Butanone	4.703	43	159856	86.405	ug/L	95
23) Bromochloromethane	4.973	128	51951	47.600	ug/L	96
25) Chloroform	5.086	83	175953	48.835	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090122\
 Data File : VU050575.D
 Acq On : 01 Sep 2022 12:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

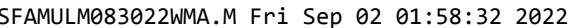
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050186

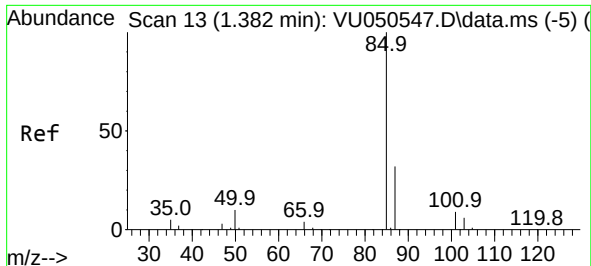
Quant Time: Sep 02 01:58:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 01 05:15:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	136251	47.673	ug/L	100
29) Cyclohexane	5.385	56	136170	54.112	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	144937	53.125	ug/L	96
31) Carbon tetrachloride	5.523	117	119047	57.150	ug/L	97
33) Benzene	5.771	78	393481	48.101	ug/L	100
34) Trichloroethene	6.542	95	92688	49.377	ug/L	97
35) Methylcyclohexane	6.761	83	145176	57.520	ug/L	99
37) 1,2-Dichloropropane	6.790	63	104056	46.460	ug/L	99
38) Bromodichloromethane	7.105	83	129124	50.955	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	150204	50.900	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	295995	91.300	ug/L	98
42) Toluene	7.970	91	412050	50.771	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	139755	51.987	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	103893	47.791	ug/L	97
46) Tetrachloroethene	8.552	164	69427	52.872	ug/L	97
48) 2-Hexanone	8.687	43	267710	96.595	ug/L	92
49) Dibromochloromethane	8.809	129	101303	53.672	ug/L	97
50) 1,2-Dibromoethane	8.922	107	110684	49.323	ug/L	98
51) Chlorobenzene	9.446	112	257056	50.896	ug/L	99
52) Ethylbenzene	9.571	91	419284	53.375	ug/L	100
53) m,p-Xylene	9.693	106	166460	56.244	ug/L	96
54) o-Xylene	10.102	106	165578	54.997	ug/L	97
55) Styrene	10.115	104	279448	55.934	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	187583	48.362	ug/L	99
59) Bromoform	10.291	173	73809	50.180	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	147427	44.707	ug/L	99
61) Isopropylbenzene	10.484	105	411949	52.591	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	359532	55.833	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	354711	56.712	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	189363	50.664	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	186726	49.267	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	199356	49.200	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	38516	48.946	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	140250	54.835	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	117867	51.811	ug/L	99
71) Naphthalene	14.089	128	440921	47.239	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	136597	51.955	ug/L	99

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

Quant Time: Sep 02 01:58:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 01 05:15:29 2022
Response via : Initial Calibration

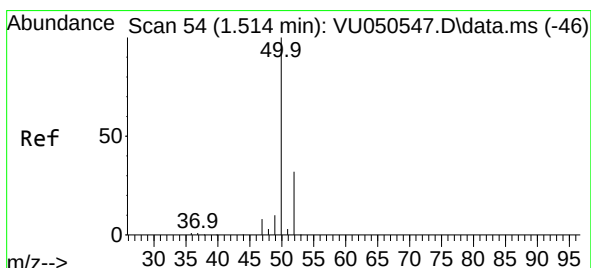
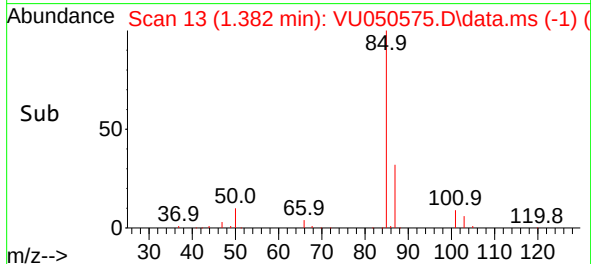
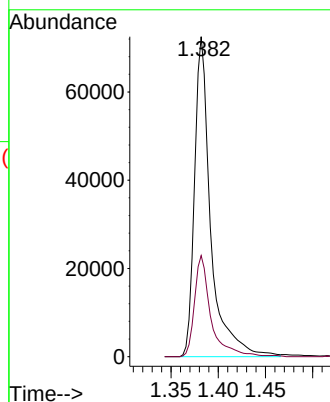
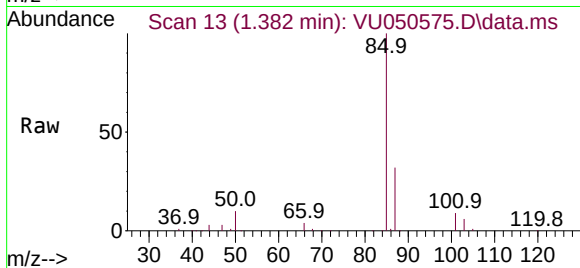




#2
Dichlorodifluoromethane
Concen: 59.786 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU050575.D
Acq: 01 Sep 2022 12:29

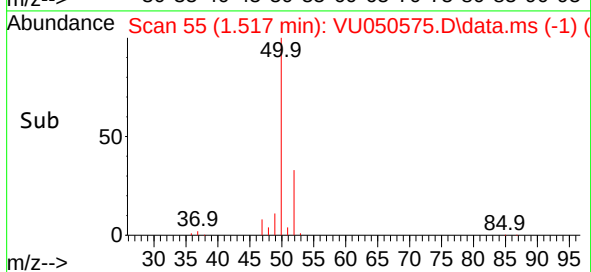
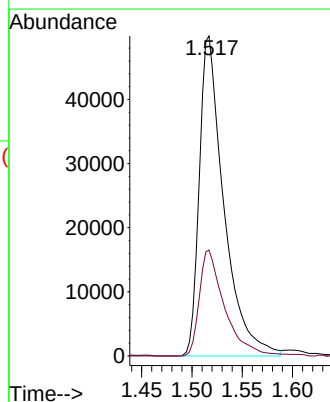
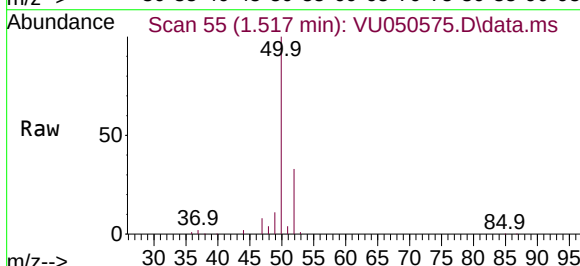
Instrument :
MSVOA_U
ClientSampleId :
VSTD050186

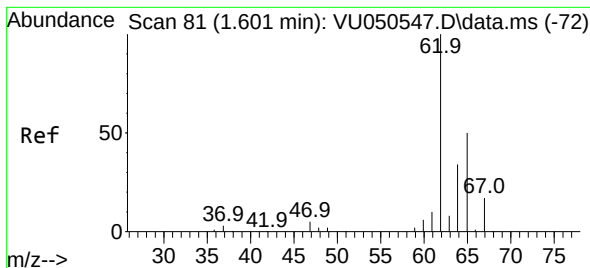
Tgt Ion: 85 Resp: 86398
Ion Ratio Lower Upper
85 100
87 31.9 25.5 38.3



#3
Chloromethane
Concen: 35.346 ug/L
RT: 1.517 min Scan# 55
Delta R.T. 0.003 min
Lab File: VU050575.D
Acq: 01 Sep 2022 12:29

Tgt Ion: 50 Resp: 84624
Ion Ratio Lower Upper
50 100
52 33.1 23.6 43.8





#5

Vinyl chloride

Concen: 38.116 ug/L

RT: 1.601 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU050575.D

Acq: 01 Sep 2022 12:29

Instrument :

MSVOA_U

ClientSampleId :

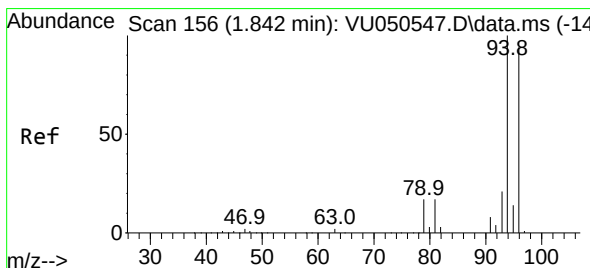
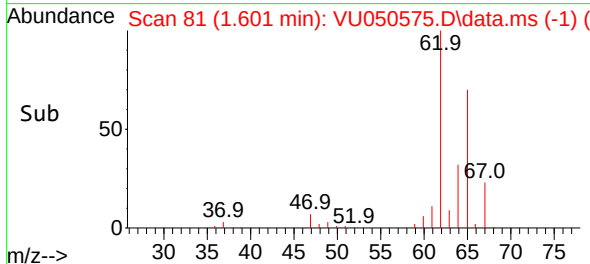
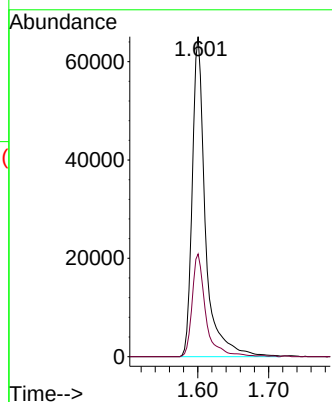
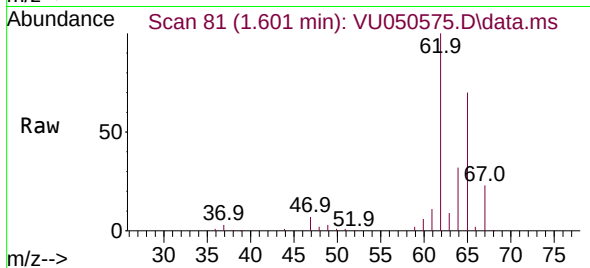
VSTD050186

Tgt Ion: 62 Resp: 84262

Ion Ratio Lower Upper

62 100

64 32.1 22.9 42.5



#6

Bromomethane

Concen: 46.540 ug/L

RT: 1.848 min Scan# 158

Delta R.T. 0.006 min

Lab File: VU050575.D

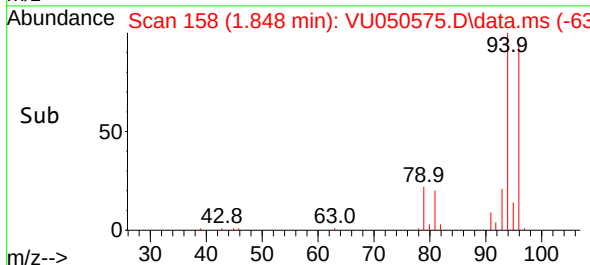
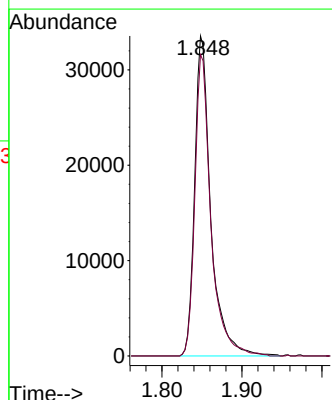
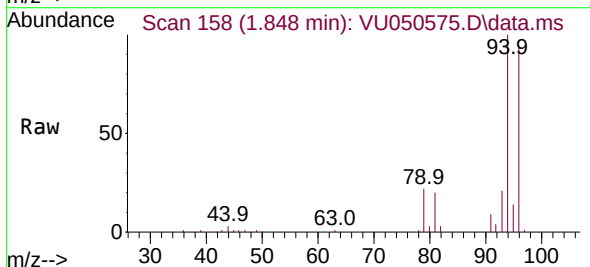
Acq: 01 Sep 2022 12:29

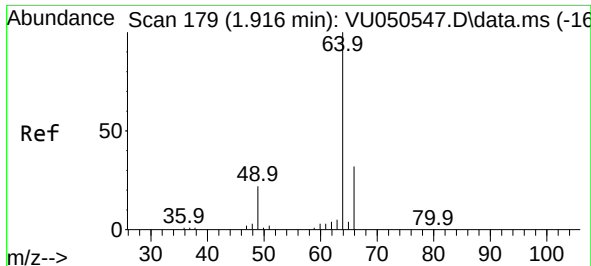
Tgt Ion: 94 Resp: 47123

Ion Ratio Lower Upper

94 100

96 94.2 65.9 122.3

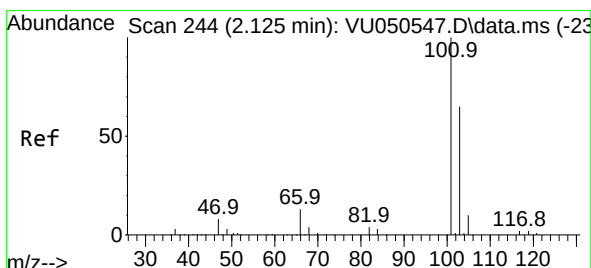
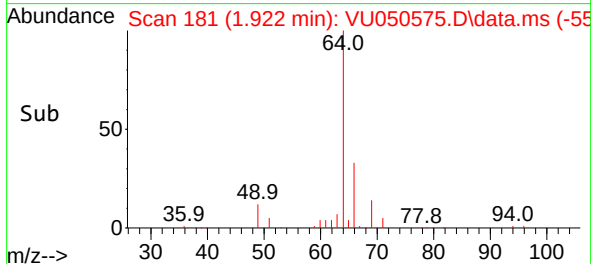
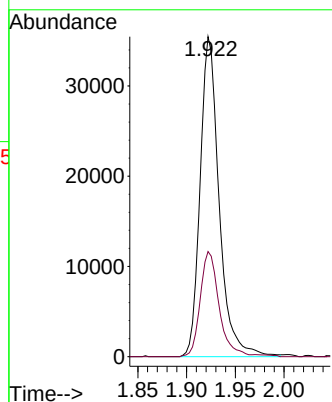
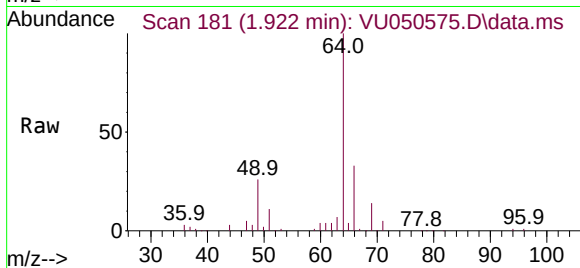




#8
Chloroethane
Concen: 34.616 ug/L
RT: 1.922 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU050575.D
Acq: 01 Sep 2022 12:29

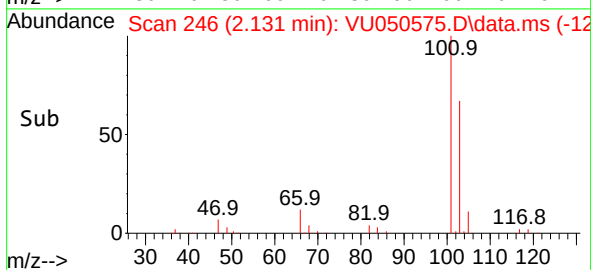
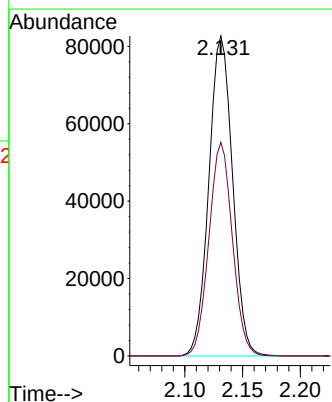
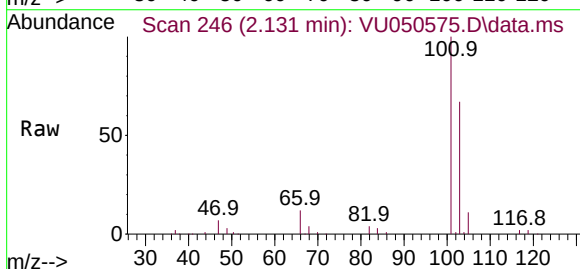
Instrument :
MSVOA_U
ClientSampleId :
VSTD050186

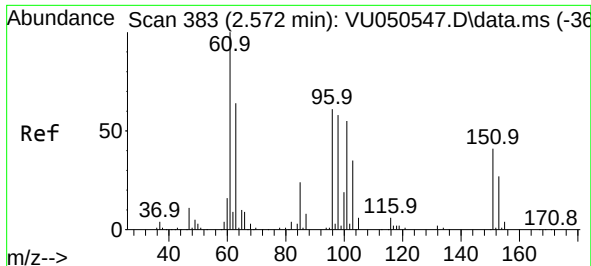
Tgt Ion: 64 Resp: 48161
Ion Ratio Lower Upper
64 100
66 32.9 22.2 41.2



#9
Trichlorofluoromethane
Concen: 46.548 ug/L
RT: 2.131 min Scan# 246
Delta R.T. 0.006 min
Lab File: VU050575.D
Acq: 01 Sep 2022 12:29

Tgt Ion:101 Resp: 118366
Ion Ratio Lower Upper
101 100
103 66.0 52.0 78.0





#10

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

Concen: 53.794 ug/L

RT: 2.575 min Scan# 384

Delta R.T. 0.003 min

Lab File: VU050575.D

Acq: 01 Sep 2022 12:29

Instrument :

MSVOA_U

ClientSampleId :

VSTD050186

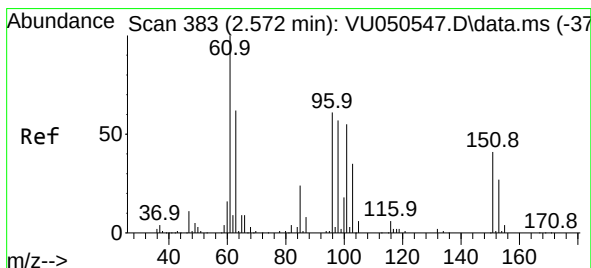
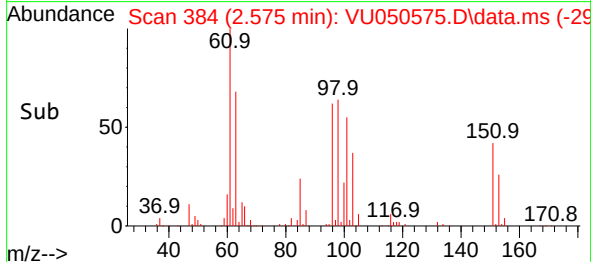
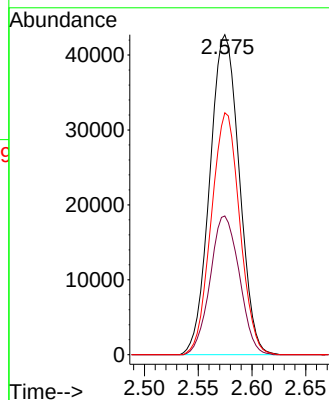
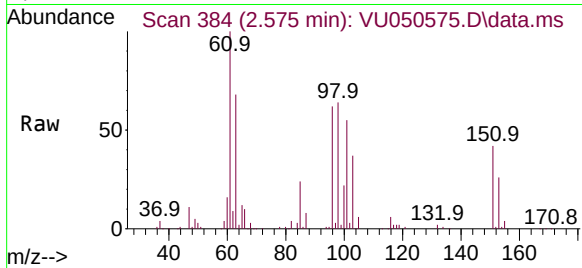
Tgt Ion:101 Resp: 81430

Ion Ratio Lower Upper

101 100

85 42.8 34.6 52.0

151 73.2 58.2 87.2



#12

1,1-Dichloroethene

Concen: 48.588 ug/L

RT: 2.575 min Scan# 384

Delta R.T. 0.003 min

Lab File: VU050575.D

Acq: 01 Sep 2022 12:29

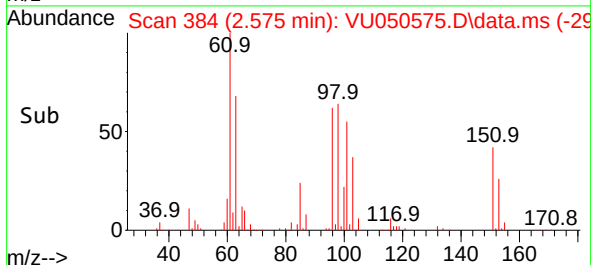
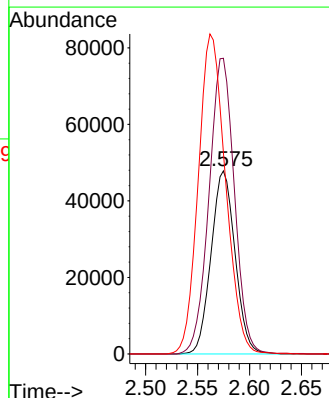
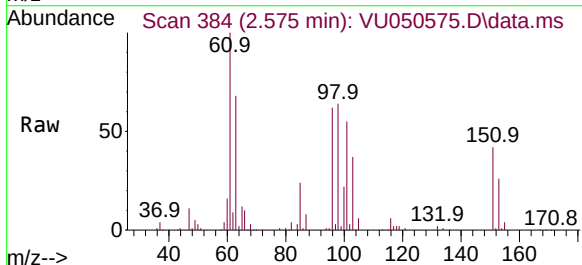
Tgt Ion: 96 Resp: 76856

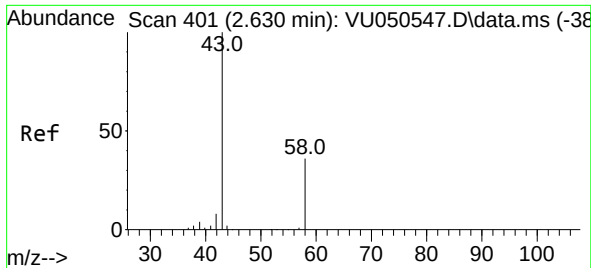
Ion Ratio Lower Upper

96 100

61 161.5 113.5 210.9

63 110.0 78.0 144.9





#13

Acetone

Concen: 82.870 ug/L

RT: 2.633 min Scan# 401

Delta R.T. 0.003 min

Lab File: VU050575.D

Acq: 01 Sep 2022 12:29

Instrument :

MSVOA_U

ClientSampleId :

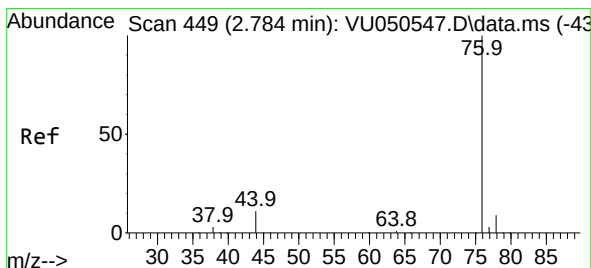
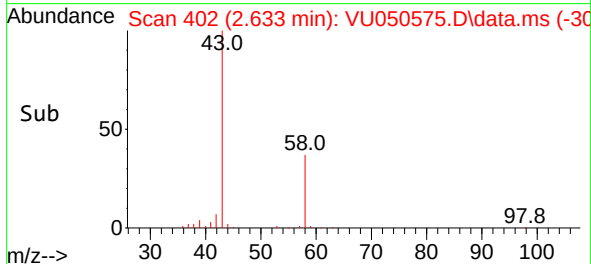
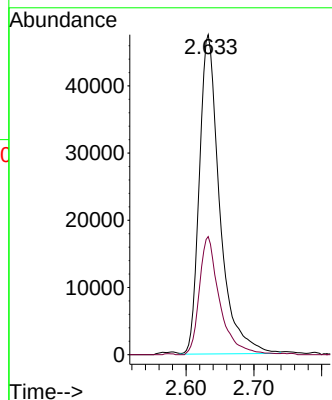
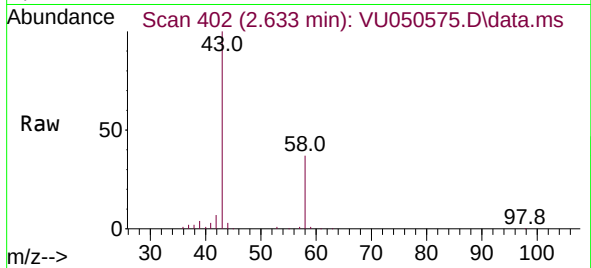
VSTD050186

Tgt Ion: 43 Resp: 99121

Ion Ratio Lower Upper

43 100

58 36.8 0.0 71.6



#14

Carbon disulfide

Concen: 52.230 ug/L

RT: 2.787 min Scan# 450

Delta R.T. 0.003 min

Lab File: VU050575.D

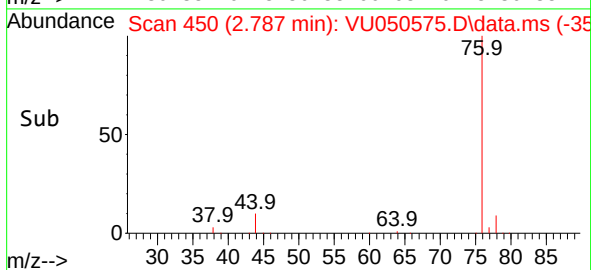
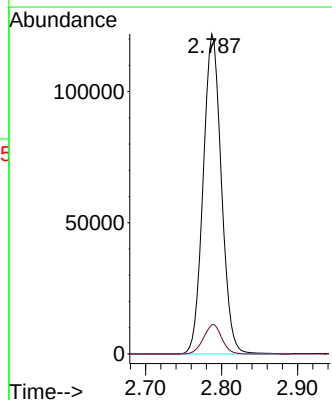
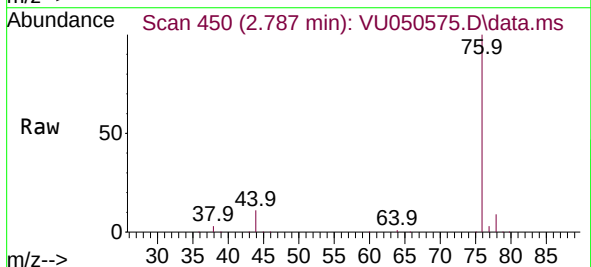
Acq: 01 Sep 2022 12:29

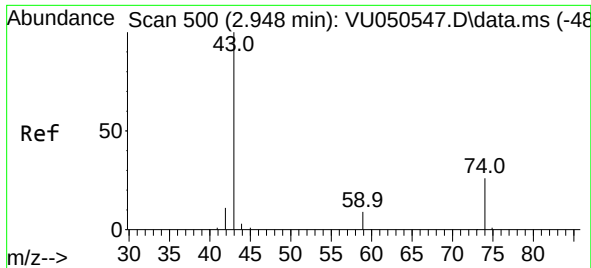
Tgt Ion: 76 Resp: 203016

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

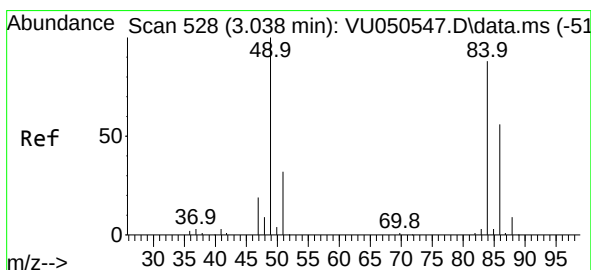
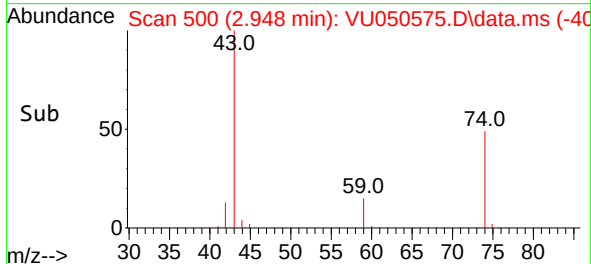
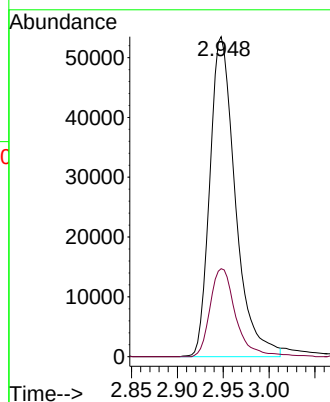
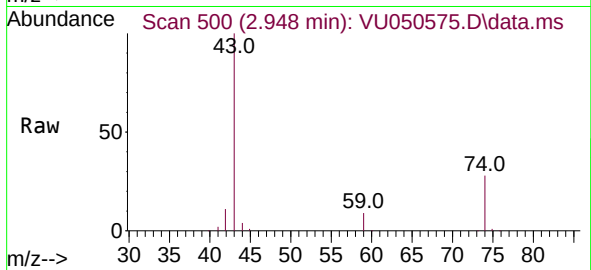




#15
Methyl Acetate
Concen: 42.188 ug/L
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU050575.D
Acq: 01 Sep 2022 12:29

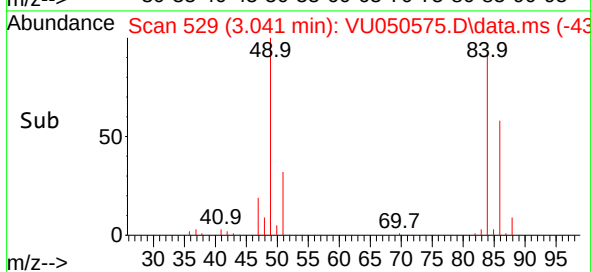
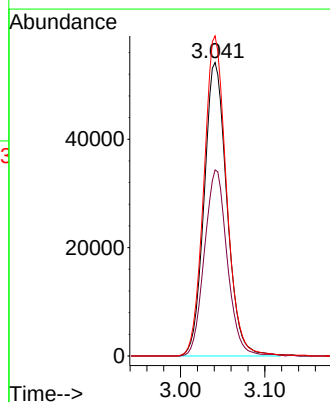
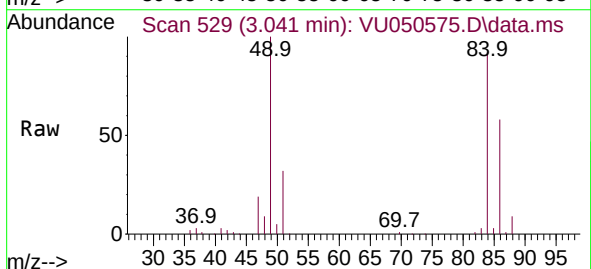
Instrument :
MSVOA_U
ClientSampleId :
VSTD050186

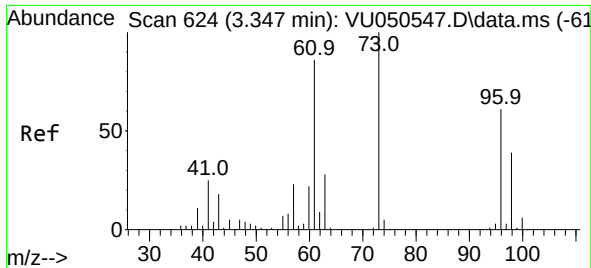
Tgt Ion: 43 Resp: 103561
Ion Ratio Lower Upper
43 100
74 27.8 21.0 31.6



#16
Methylene chloride
Concen: 39.675 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.003 min
Lab File: VU050575.D
Acq: 01 Sep 2022 12:29

Tgt Ion: 84 Resp: 102026
Ion Ratio Lower Upper
84 100
86 63.4 44.3 82.3
49 109.0 78.8 146.3

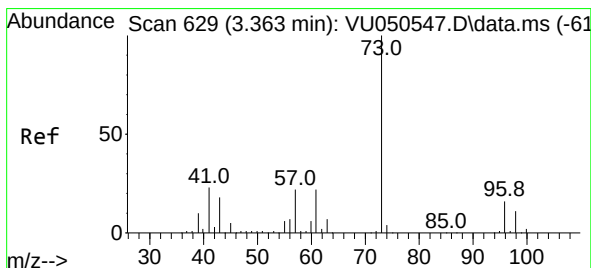
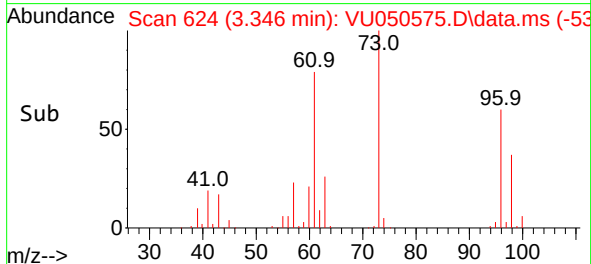
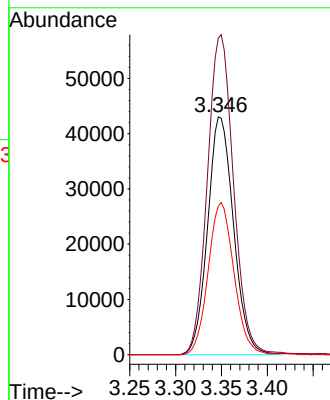
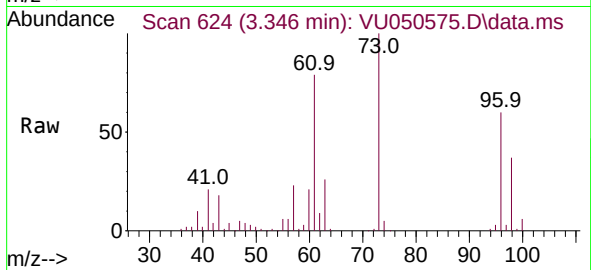




#17
trans-1,2-Dichloroethene
Concen: 49.496 ug/L
RT: 3.346 min Scan# 611
Delta R.T. -0.000 min
Lab File: VU050575.D
Acq: 01 Sep 2022 12:29

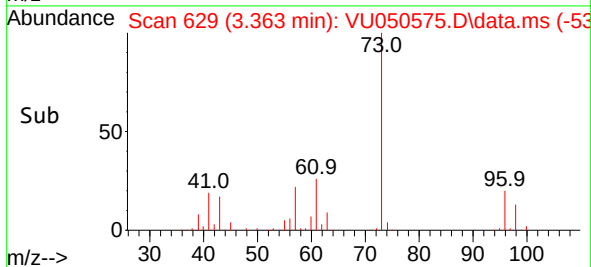
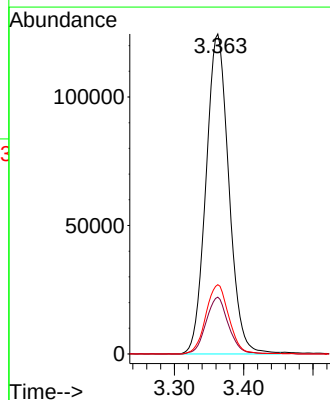
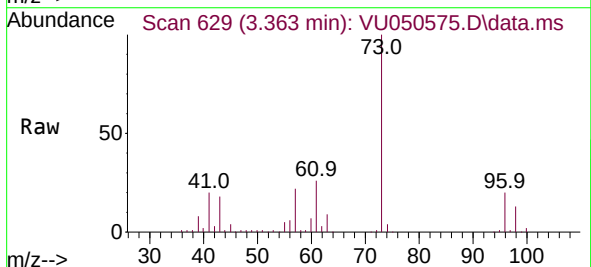
Instrument :
MSVOA_U
ClientSampleId :
VSTD050186

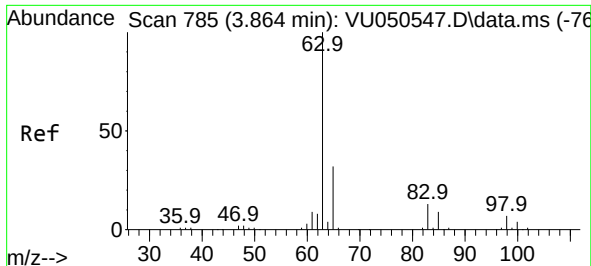
Tgt Ion: 96 Resp: 84795
Ion Ratio Lower Upper
96 100
61 133.2 99.7 185.1
98 62.5 46.2 85.8



#18
Methyl tert-butyl Ether
Concen: 49.090 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU050575.D
Acq: 01 Sep 2022 12:29

Tgt Ion: 73 Resp: 285051
Ion Ratio Lower Upper
73 100
43 17.3 13.9 20.9
57 21.9 17.8 26.6





#19

1,1-Dichloroethane

Concen: 47.146 ug/L

RT: 3.864 min Scan# 785

Delta R.T. -0.000 min

Lab File: VU050575.D

Acq: 01 Sep 2022 12:29

Instrument :

MSVOA_U

ClientSampleId :

VSTD050186

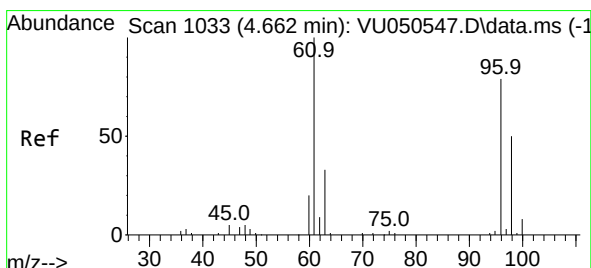
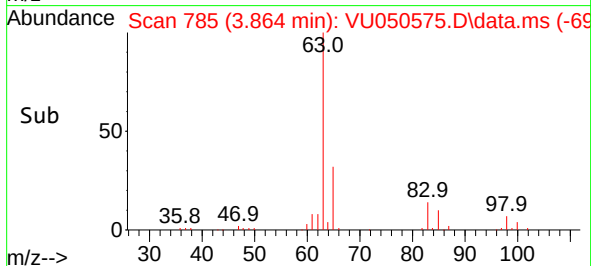
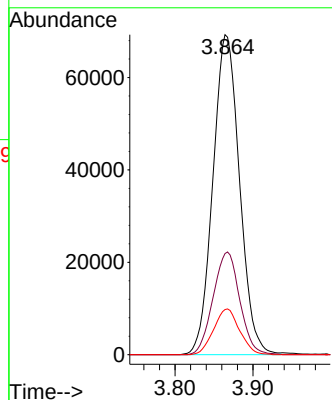
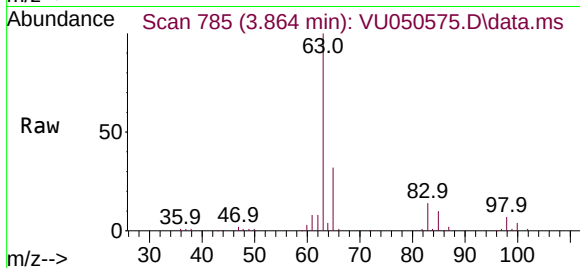
Tgt Ion: 63 Resp: 164541

Ion Ratio Lower Upper

63 100

65 31.6 22.5 41.9

83 14.1 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 48.073 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VU050575.D

Acq: 01 Sep 2022 12:29

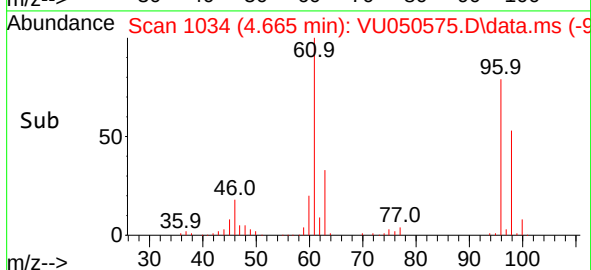
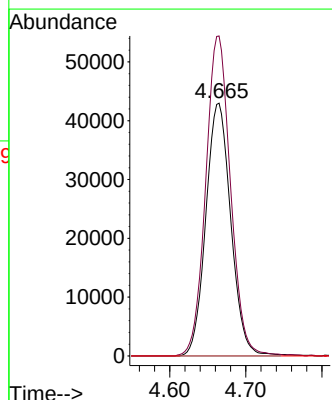
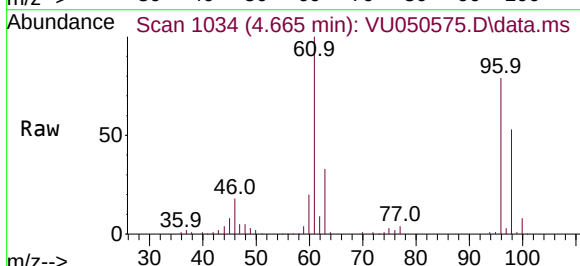
Tgt Ion: 96 Resp: 98023

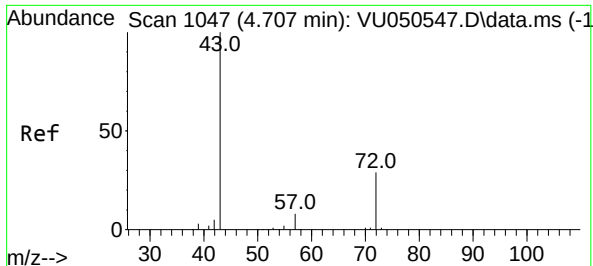
Ion Ratio Lower Upper

96 100

61 126.6 86.8 161.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 86.405 ug/L

RT: 4.703 min Scan# 110

Delta R.T. -0.003 min

Lab File: VU050575.D

Acq: 01 Sep 2022 12:29

Instrument :

MSVOA_U

ClientSampleId :

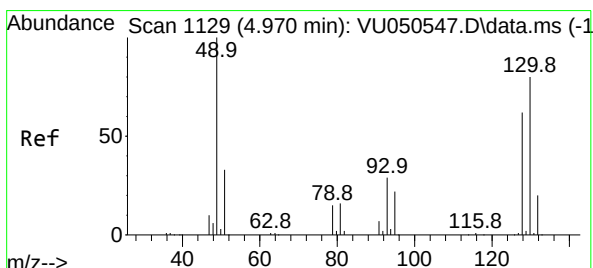
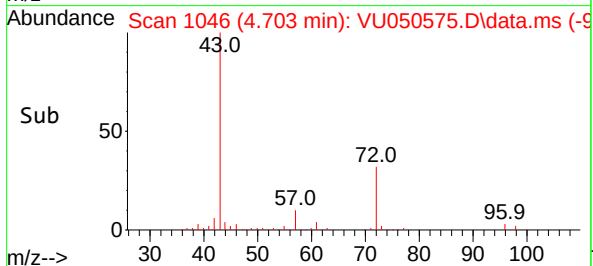
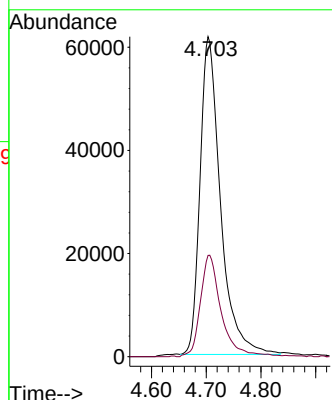
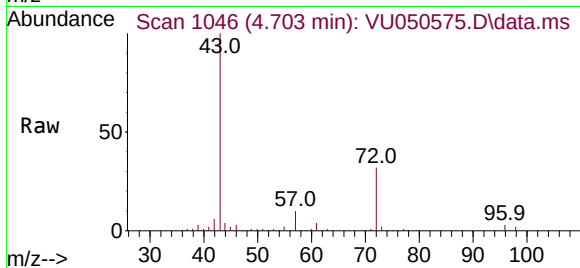
VSTD050186

Tgt Ion: 43 Resp: 159856

Ion Ratio Lower Upper

43 100

72 32.1 14.8 44.3



#23

Bromochloromethane

Concen: 47.600 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VU050575.D

Acq: 01 Sep 2022 12:29

Tgt Ion: 128 Resp: 51951

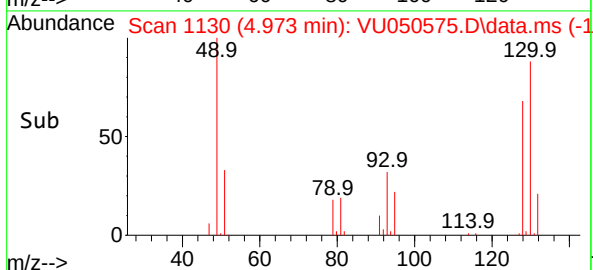
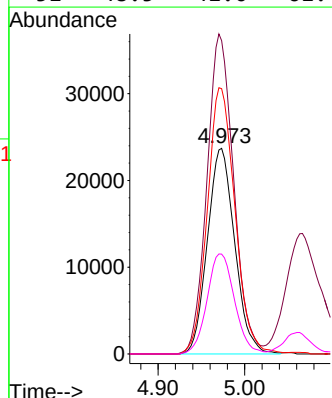
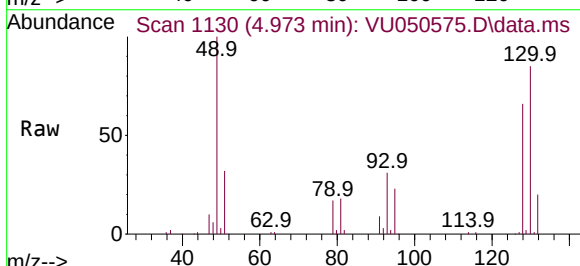
Ion Ratio Lower Upper

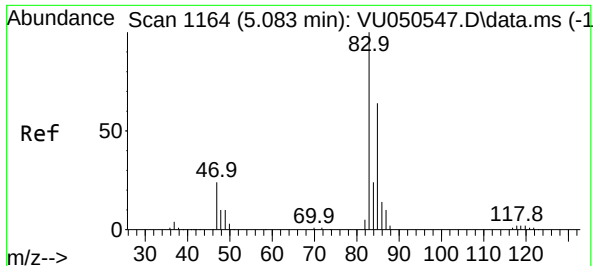
128 100

49 152.4 111.9 207.7

130 129.0 87.8 163.0

51 48.5 41.0 61.4





#25

Chloroform

Concen: 48.835 ug/L

RT: 5.086 min Scan# 1164

Delta R.T. 0.003 min

Lab File: VU050575.D

Acq: 01 Sep 2022 12:29

Instrument :

MSVOA_U

ClientSampleId :

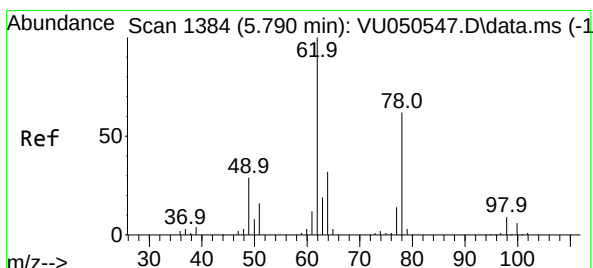
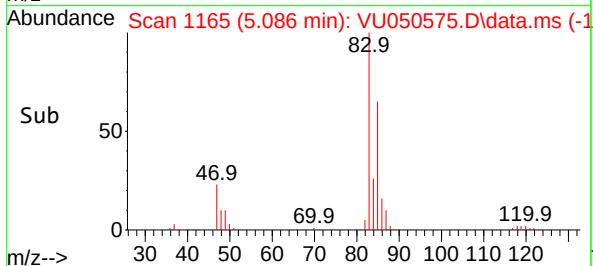
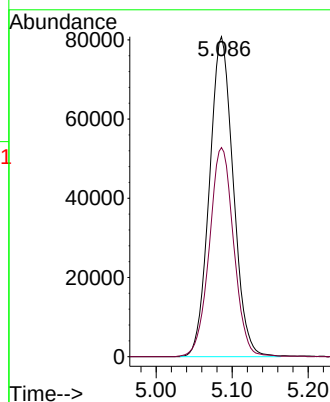
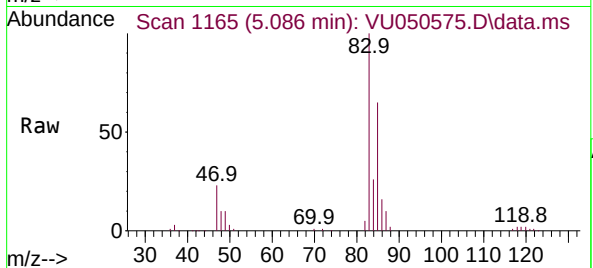
VSTD050186

Tgt Ion: 83 Resp: 175953

Ion Ratio Lower Upper

83 100

85 65.3 46.3 85.9



#27

1,2-Dichloroethane

Concen: 47.673 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.003 min

Lab File: VU050575.D

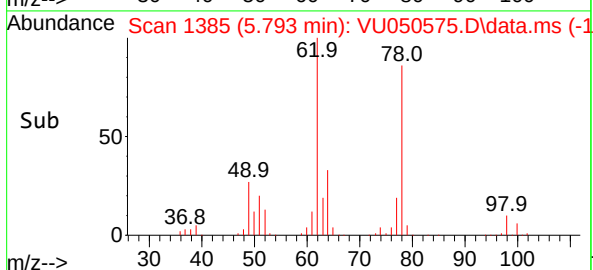
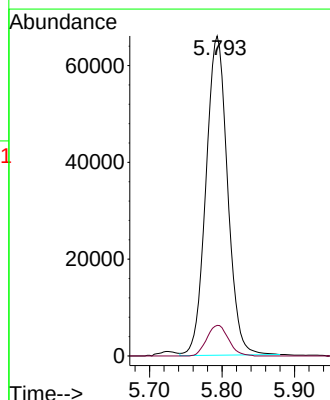
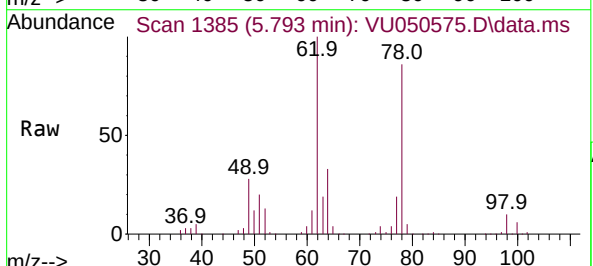
Acq: 01 Sep 2022 12:29

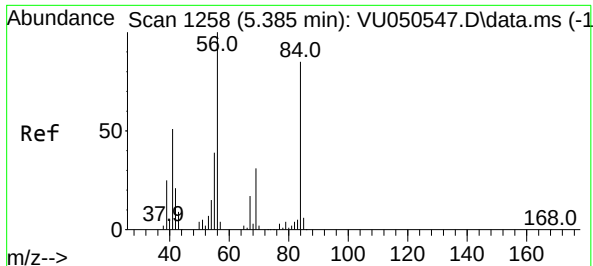
Tgt Ion: 62 Resp: 136251

Ion Ratio Lower Upper

62 100

98 9.5 7.5 11.3





#29

Cyclohexane

Concen: 54.112 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VU050575.D

Acq: 01 Sep 2022 12:29

Instrument :

MSVOA_U

ClientSampleId :

VSTD050186

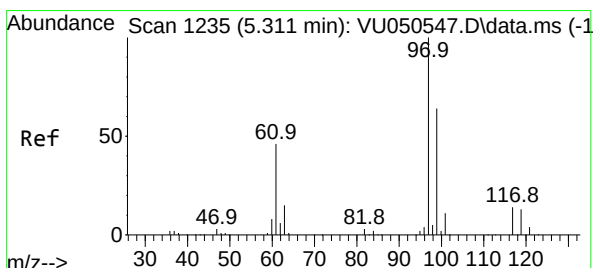
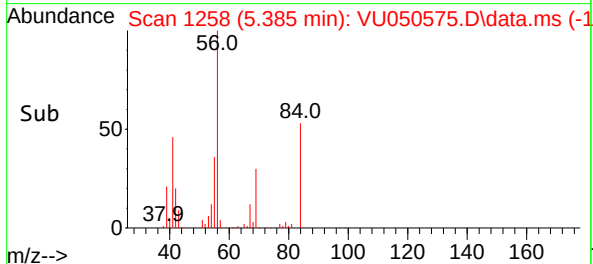
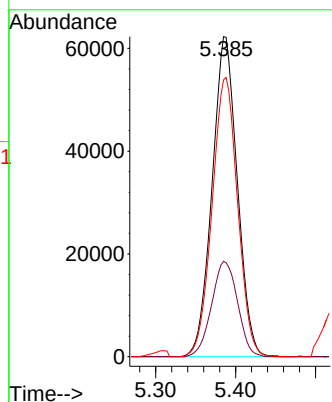
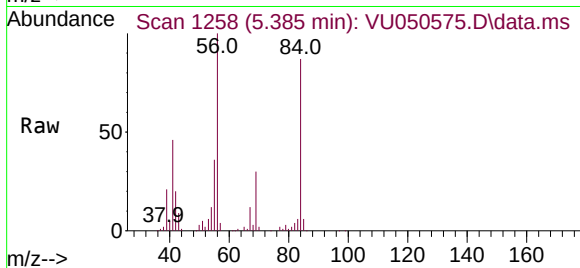
Tgt Ion: 56 Resp: 136170

Ion Ratio Lower Upper

56 100

69 30.7 24.8 37.2

84 88.2 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 53.125 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.003 min

Lab File: VU050575.D

Acq: 01 Sep 2022 12:29

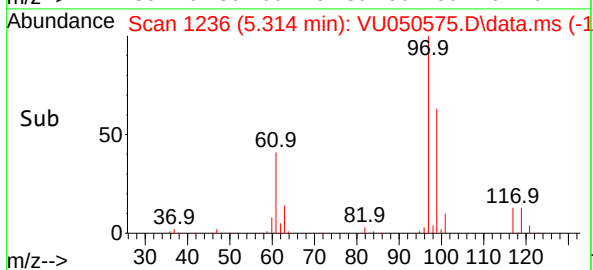
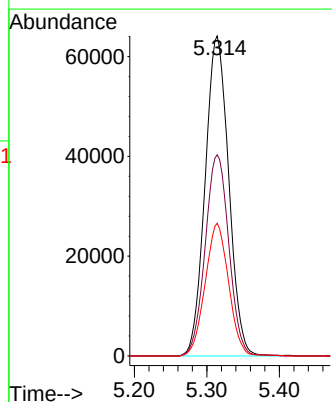
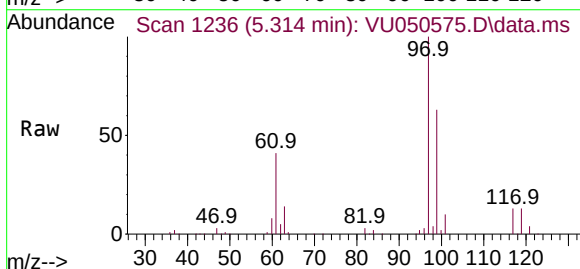
Tgt Ion: 97 Resp: 144937

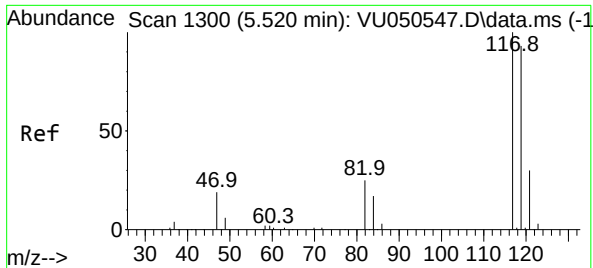
Ion Ratio Lower Upper

97 100

99 63.2 51.5 77.3

61 41.4 36.4 54.6

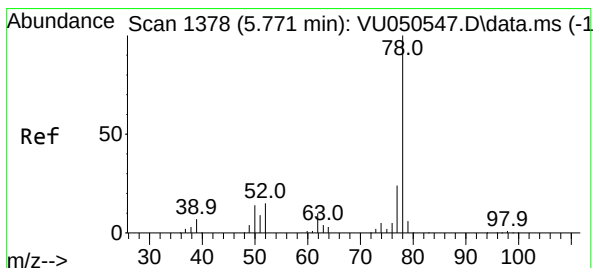
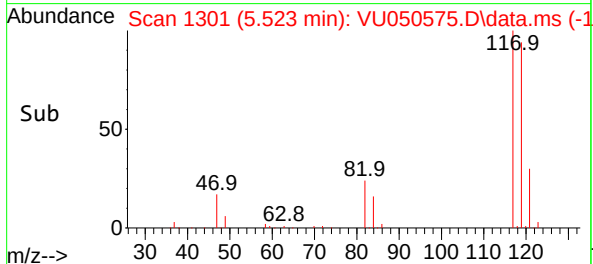
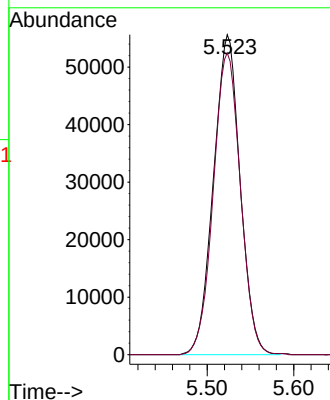
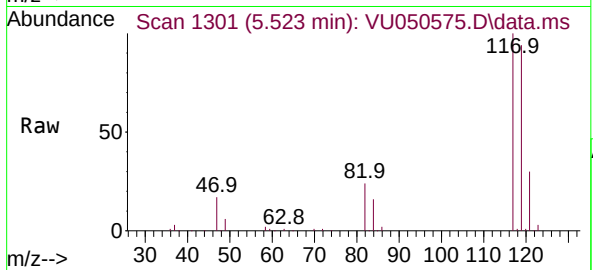




#31
Carbon tetrachloride
Concen: 57.150 ug/L
RT: 5.523 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU050575.D
Acq: 01 Sep 2022 12:29

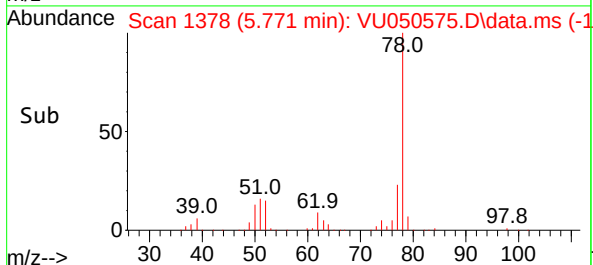
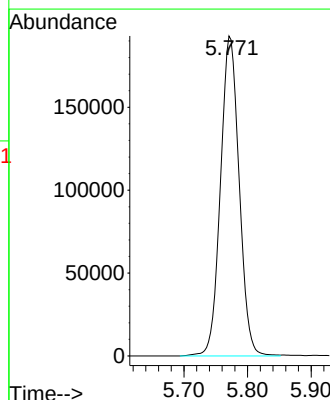
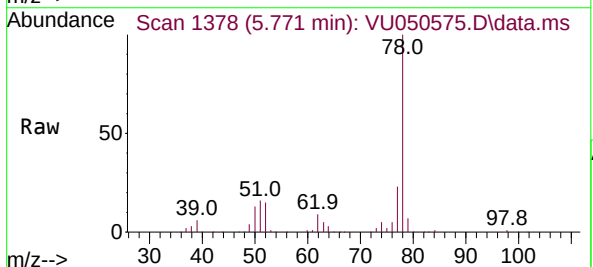
Instrument :
MSVOA_U
ClientSampleId :
VSTD050186

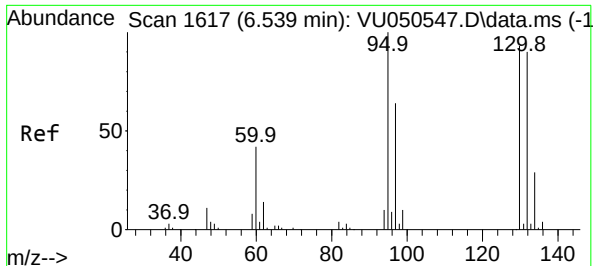
Tgt Ion:117 Resp: 119047
Ion Ratio Lower Upper
117 100
119 95.8 78.8 118.2



#33
Benzene
Concen: 48.101 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU050575.D
Acq: 01 Sep 2022 12:29

Tgt Ion: 78 Resp: 393481



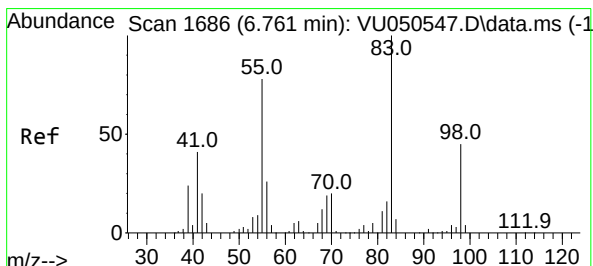
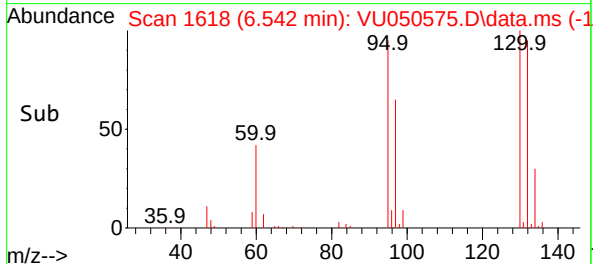
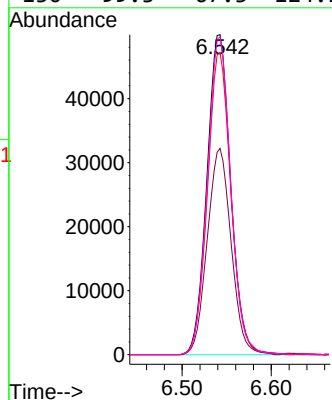
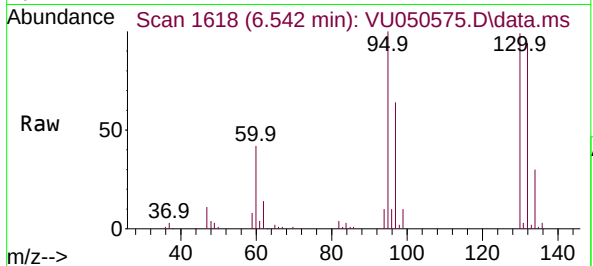


#34
Trichloroethene
Concen: 49.377 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU050575.D
Acq: 01 Sep 2022 12:29

Instrument :
MSVOA_U
ClientSampleId :
VSTD050186

Tgt Ion: 95 Resp: 92688

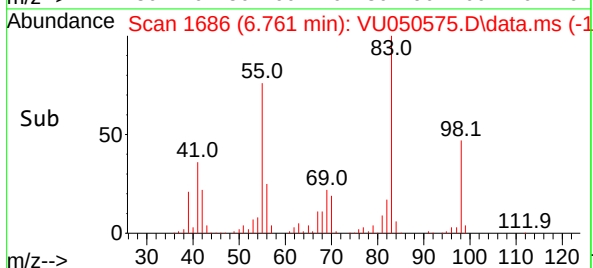
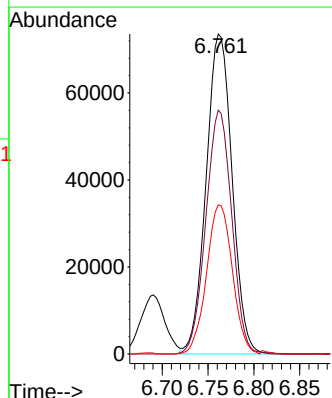
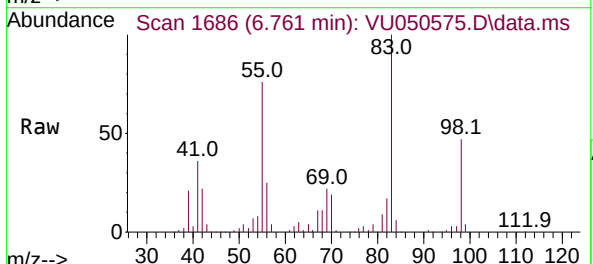
Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.2	82.2
132	94.4	63.2	117.4
130	99.3	67.3	124.9

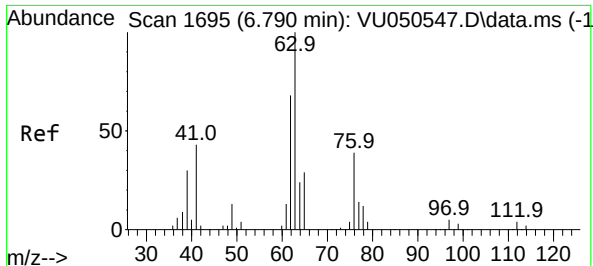


#35
Methylcyclohexane
Concen: 57.520 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU050575.D
Acq: 01 Sep 2022 12:29

Tgt Ion: 83 Resp: 145176

Ion	Ratio	Lower	Upper
83	100		
55	75.8	61.0	91.4
98	46.2	35.7	53.5





#37

1,2-Dichloropropane

Concen: 46.460 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU050575.D

Acq: 01 Sep 2022 12:29

Instrument :

MSVOA_U

ClientSampleId :

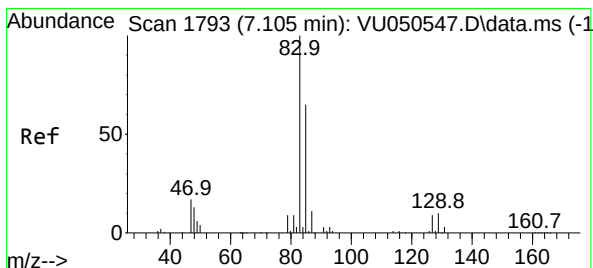
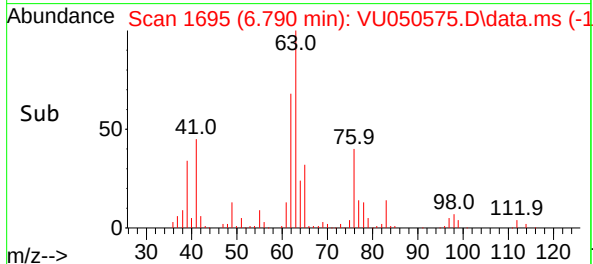
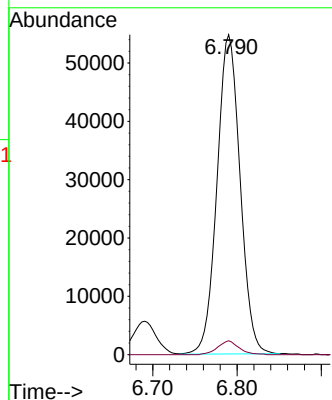
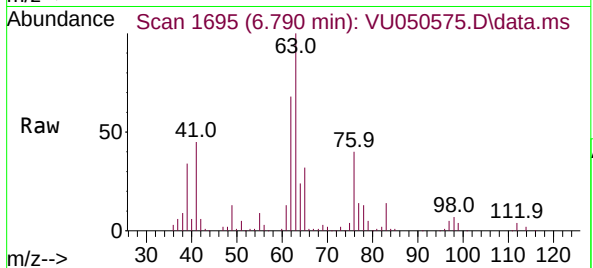
VSTD050186

Tgt Ion: 63 Resp: 104056

Ion Ratio Lower Upper

63 100

112 4.0 3.0 4.4



#38

Bromodichloromethane

Concen: 50.955 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU050575.D

Acq: 01 Sep 2022 12:29

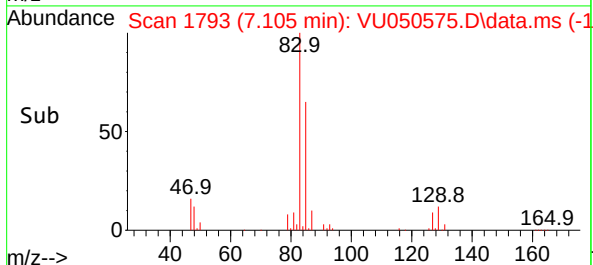
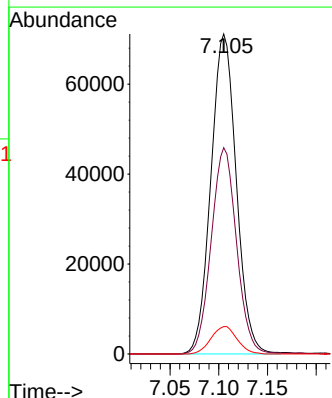
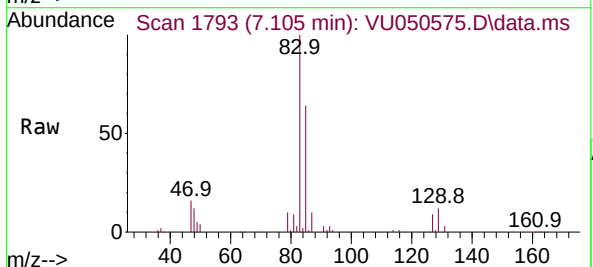
Tgt Ion: 83 Resp: 129124

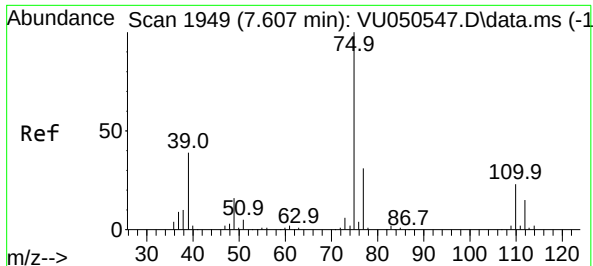
Ion Ratio Lower Upper

83 100

85 64.5 44.4 82.4

127 8.6 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 50.900 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU050575.D

Acq: 01 Sep 2022 12:29

Instrument :

MSVOA_U

ClientSampleId :

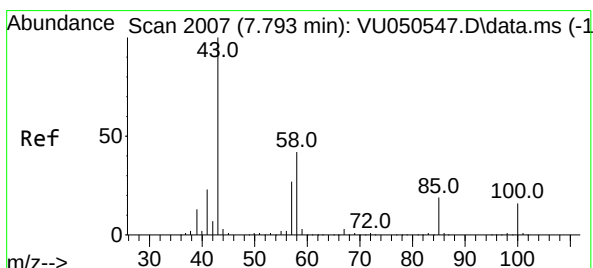
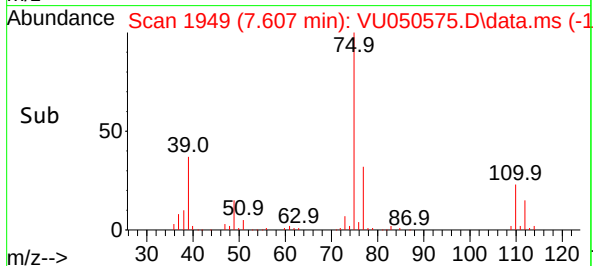
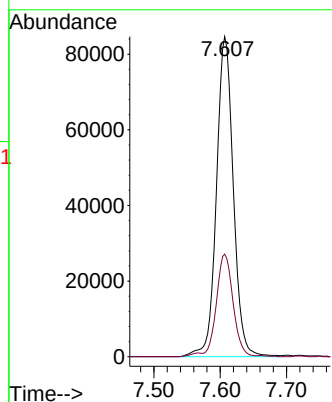
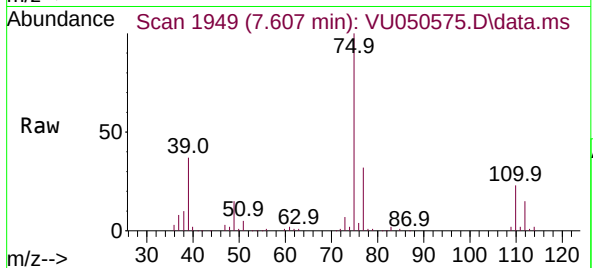
VSTD050186

Tgt Ion: 75 Resp: 150204

Ion Ratio Lower Upper

75 100

77 32.0 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 91.300 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU050575.D

Acq: 01 Sep 2022 12:29

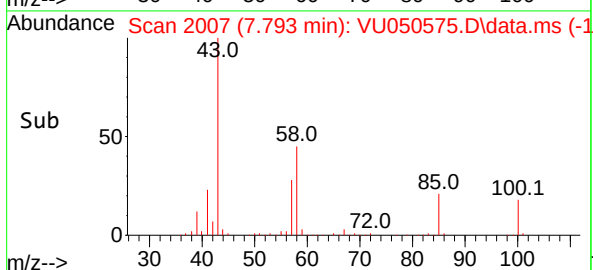
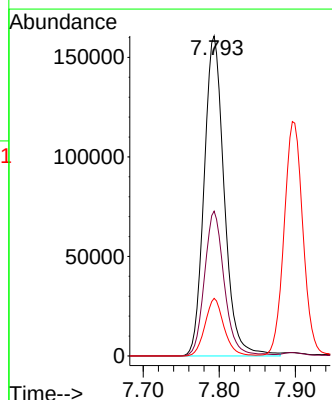
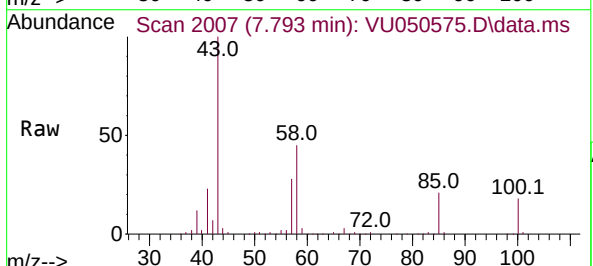
Tgt Ion: 43 Resp: 295995

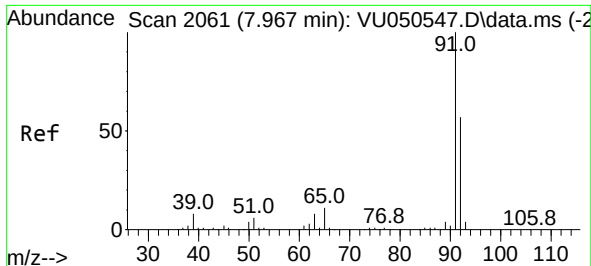
Ion Ratio Lower Upper

43 100

58 44.2 34.2 51.4

100 16.9 12.9 19.3





#42

Toluene

Concen: 50.771 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU050575.D

Acq: 01 Sep 2022 12:29

Instrument :

MSVOA_U

ClientSampleId :

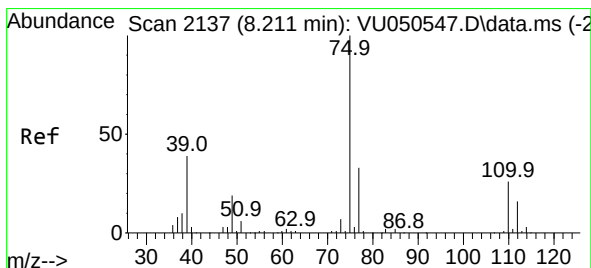
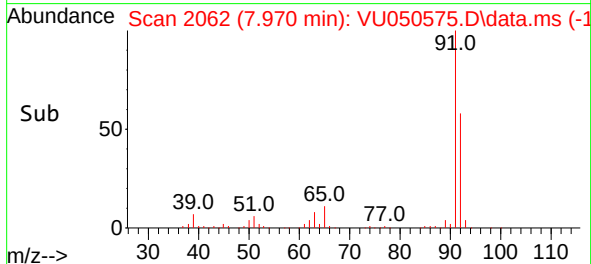
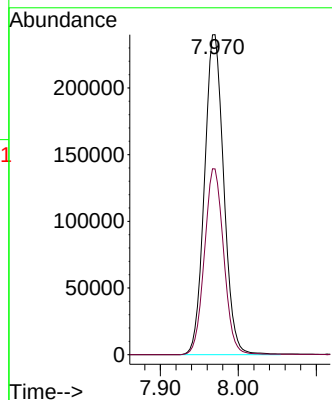
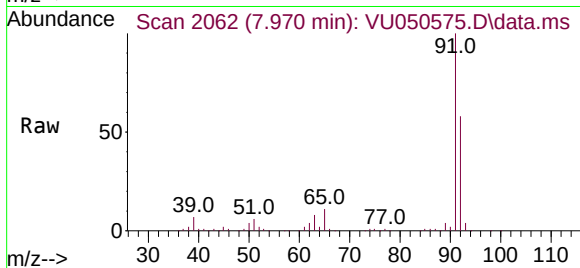
VSTD050186

Tgt Ion: 91 Resp: 412050

Ion Ratio Lower Upper

91 100

92 58.0 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 51.987 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU050575.D

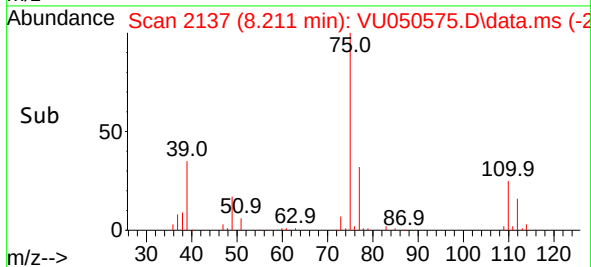
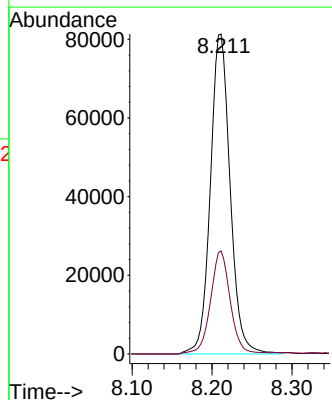
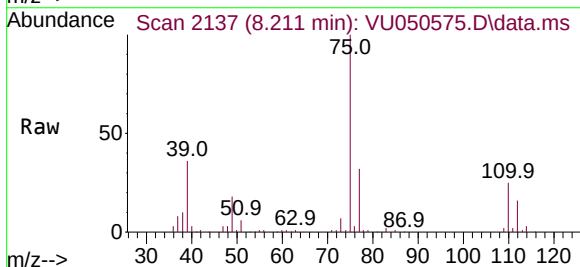
Acq: 01 Sep 2022 12:29

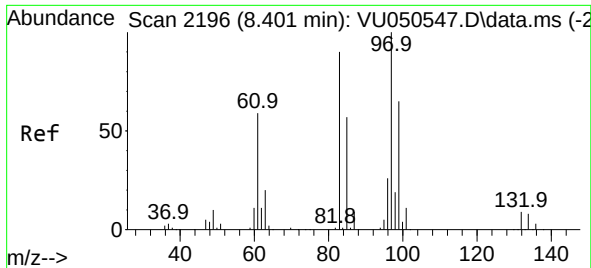
Tgt Ion: 75 Resp: 139755

Ion Ratio Lower Upper

75 100

77 32.2 22.2 41.2

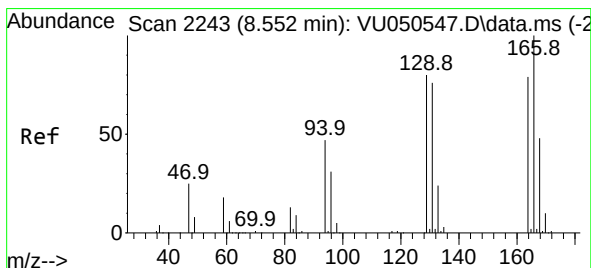
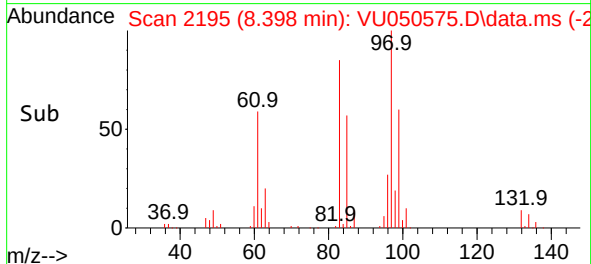
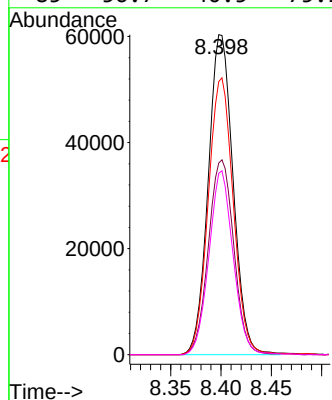
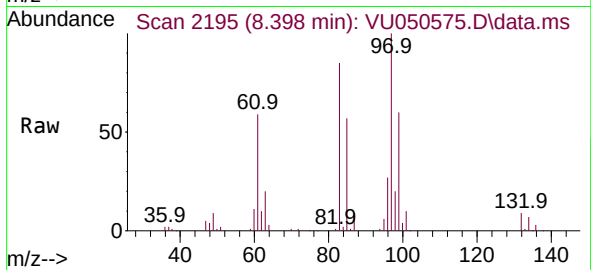




#45
1,1,2-Trichloroethane
Concen: 47.791 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VU050575.D
Acq: 01 Sep 2022 12:29

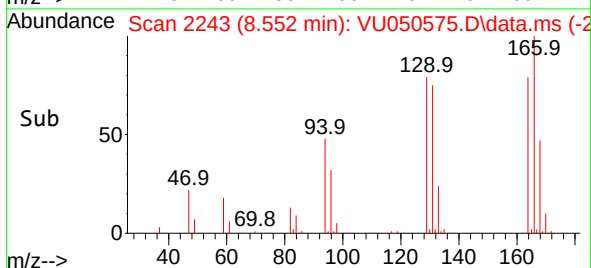
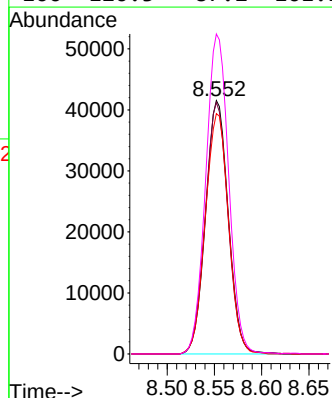
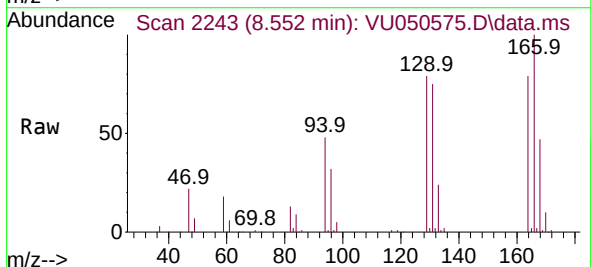
Instrument :
MSVOA_U
ClientSampleId :
VSTD050186

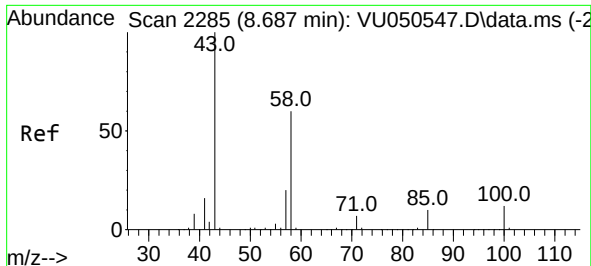
Tgt Ion:	97	Resp:	103893
Ion	Ratio	Lower	Upper
97	100		
99	59.9	44.3	82.3
83	85.4	62.1	115.3
85	56.7	40.5	75.1



#46
Tetrachloroethene
Concen: 52.872 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU050575.D
Acq: 01 Sep 2022 12:29

Tgt Ion:	164	Resp:	69427
Ion	Ratio	Lower	Upper
164	100		
129	99.3	67.5	125.3
131	94.9	63.8	118.4
166	126.3	87.2	161.9

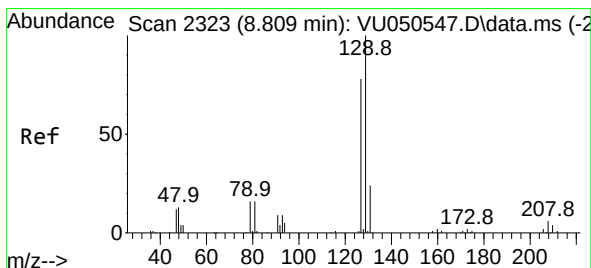
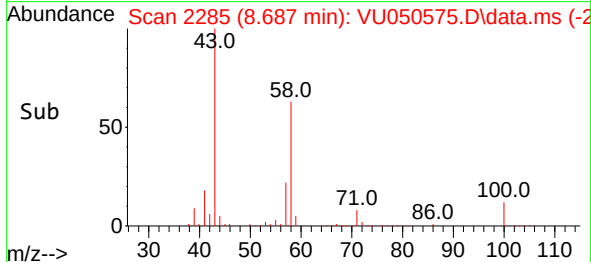
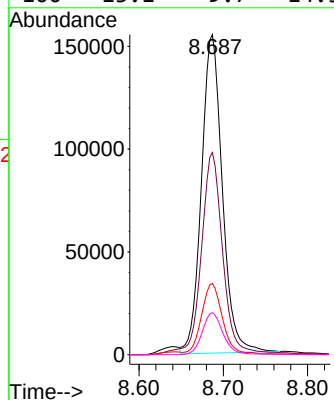
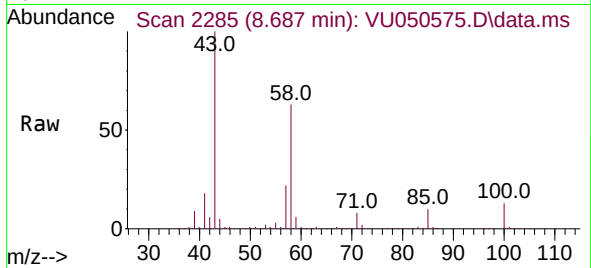




#48
2-Hexanone
Concen: 96.595 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050575.D
Acq: 01 Sep 2022 12:29

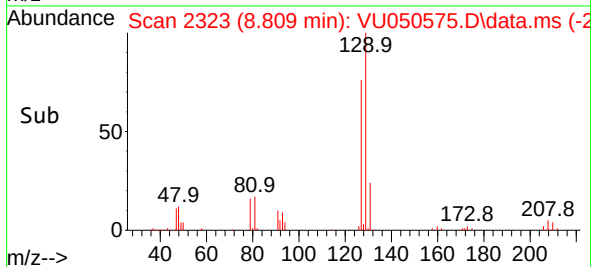
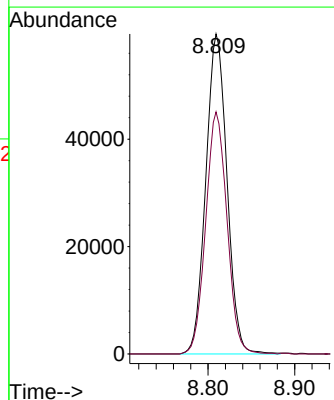
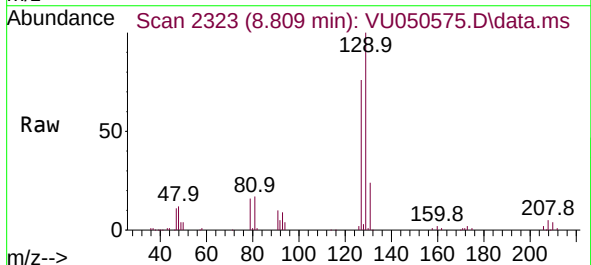
Instrument :
MSVOA_U
ClientSampleId :
VSTD050186

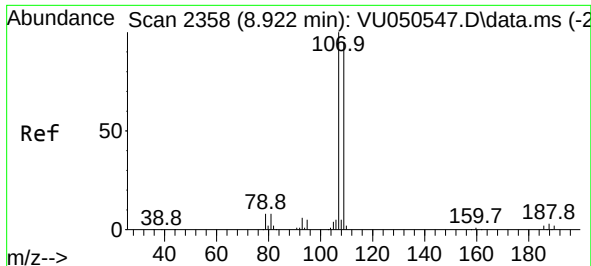
Tgt Ion: 43	Resp: 267710
Ion Ratio	Lower Upper
43 100	
58 65.5	46.6 69.8
57 22.0	15.8 23.6
100 13.1	9.7 14.5



#49
Dibromochloromethane
Concen: 53.672 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU050575.D
Acq: 01 Sep 2022 12:29

Tgt Ion:129	Resp: 101303
Ion Ratio	Lower Upper
129 100	
127 75.6	54.9 101.9

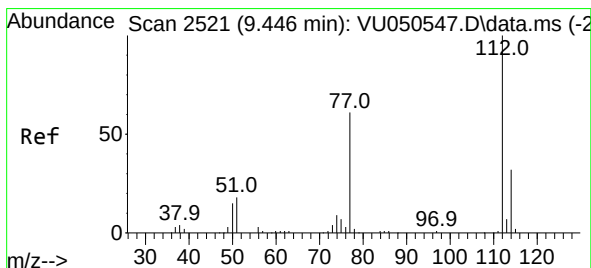
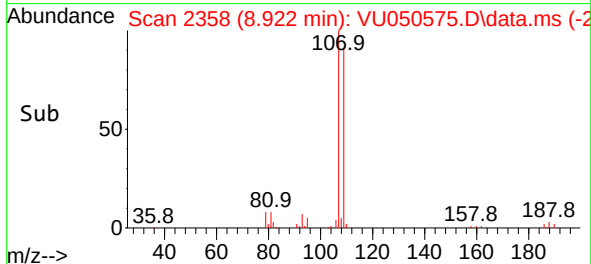
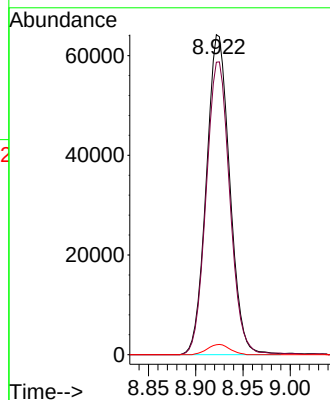
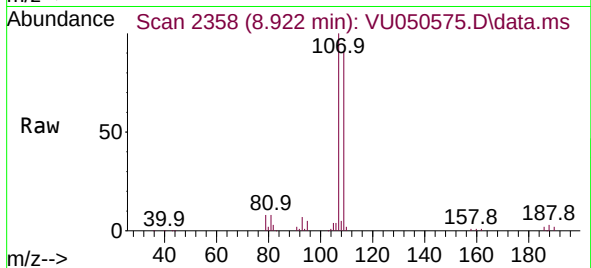




#50
1,2-Dibromoethane
Concen: 49.323 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050575.D
Acq: 01 Sep 2022 12:29

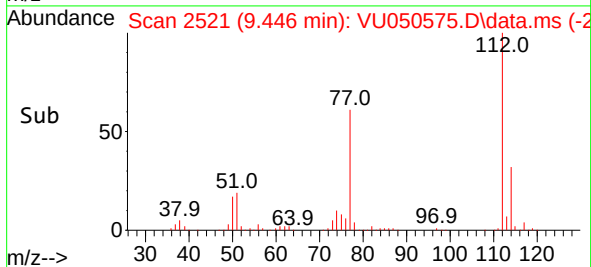
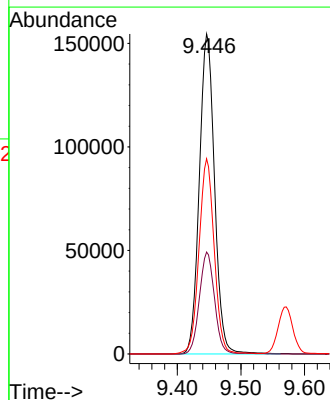
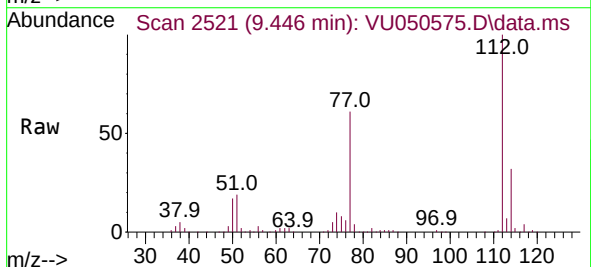
Instrument :
MSVOA_U
ClientSampleId :
VSTD050186

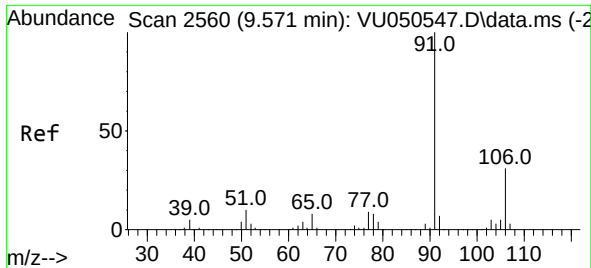
Tgt Ion:107 Resp: 110684
Ion Ratio Lower Upper
107 100
109 91.4 65.2 121.0
188 3.1 2.7 4.1



#51
Chlorobenzene
Concen: 50.896 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU050575.D
Acq: 01 Sep 2022 12:29

Tgt Ion:112 Resp: 257056
Ion Ratio Lower Upper
112 100
114 31.9 23.0 42.6
77 61.0 49.4 74.2

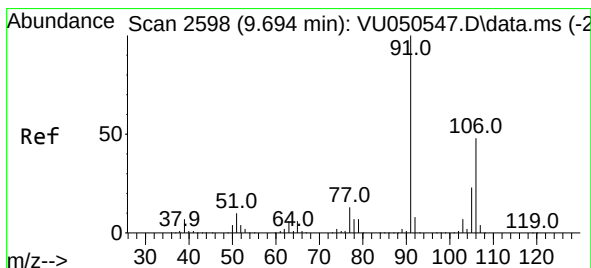
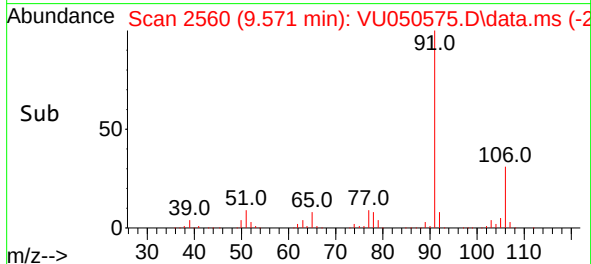
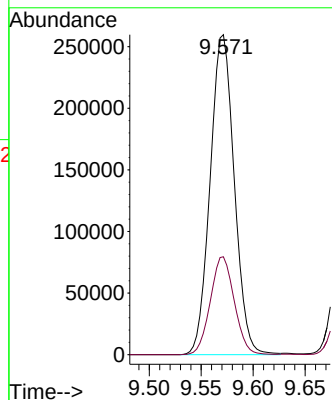
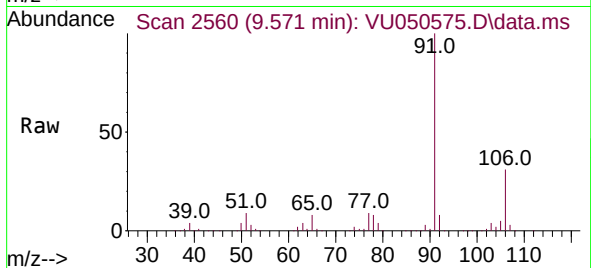




#52
Ethylbenzene
Concen: 53.375 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU050575.D
Acq: 01 Sep 2022 12:29

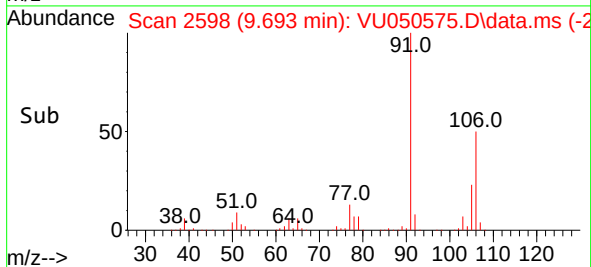
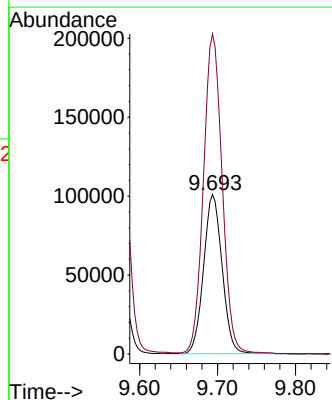
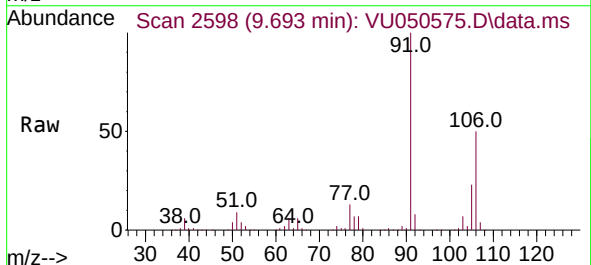
Instrument :
MSVOA_U
ClientSampleId :
VSTD050186

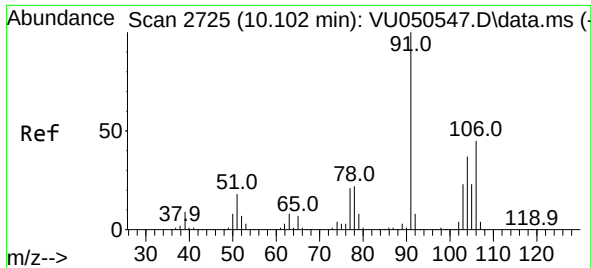
Tgt Ion: 91 Resp: 419284
Ion Ratio Lower Upper
91 100
106 30.6 21.5 39.9



#53
m,p-Xylene
Concen: 56.244 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU050575.D
Acq: 01 Sep 2022 12:29

Tgt Ion: 106 Resp: 166460
Ion Ratio Lower Upper
106 100
91 200.7 145.1 269.5

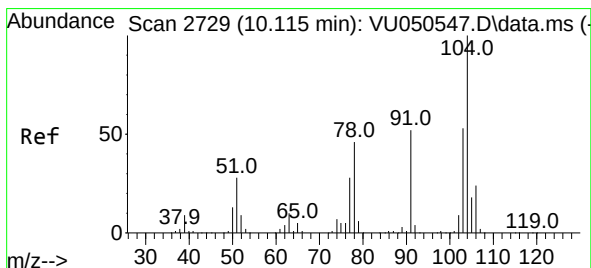
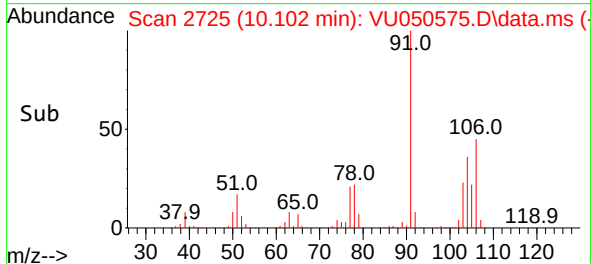
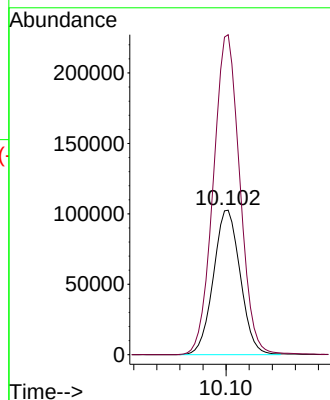
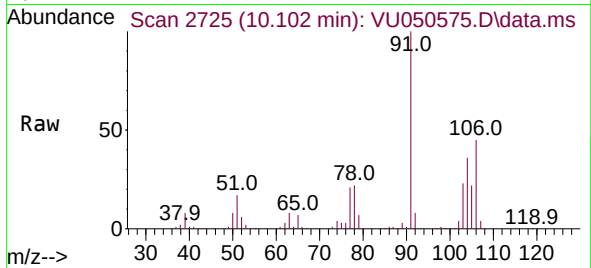




#54
o-Xylene
Concen: 54.997 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU050575.D
Acq: 01 Sep 2022 12:29

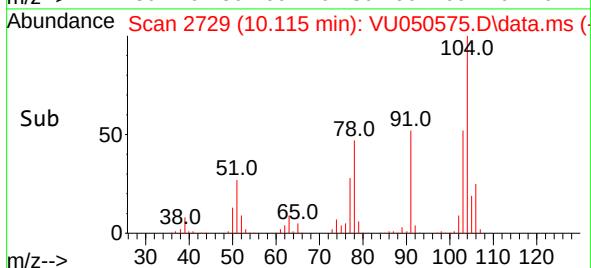
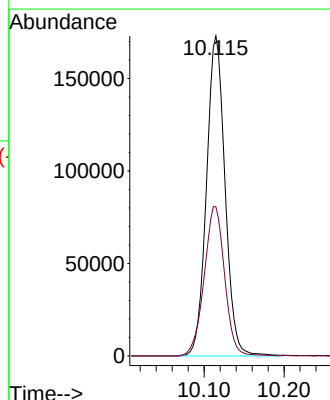
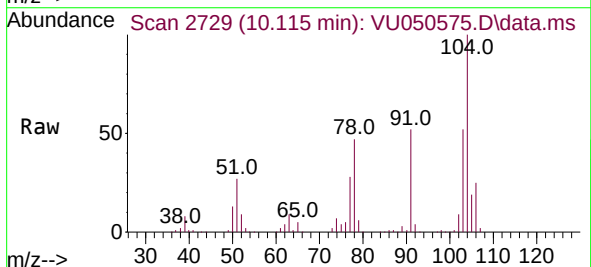
Instrument :
MSVOA_U
ClientSampleId :
VSTD050186

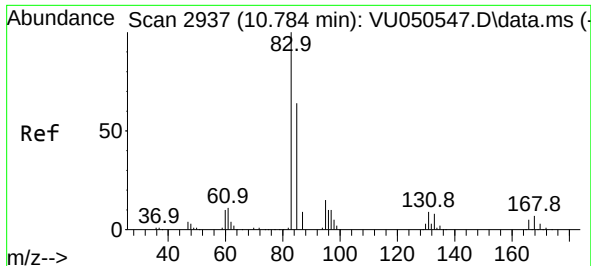
Tgt Ion:106 Resp: 165578
Ion Ratio Lower Upper
106 100
91 221.4 152.0 282.2



#55
Styrene
Concen: 55.934 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU050575.D
Acq: 01 Sep 2022 12:29

Tgt Ion:104 Resp: 279448
Ion Ratio Lower Upper
104 100
78 46.6 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 48.362 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU050575.D

Acq: 01 Sep 2022 12:29

Instrument :

MSVOA_U

ClientSampleId :

VSTD050186

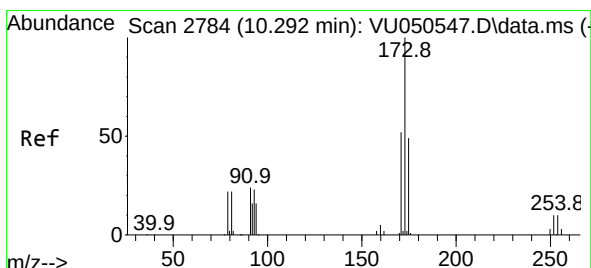
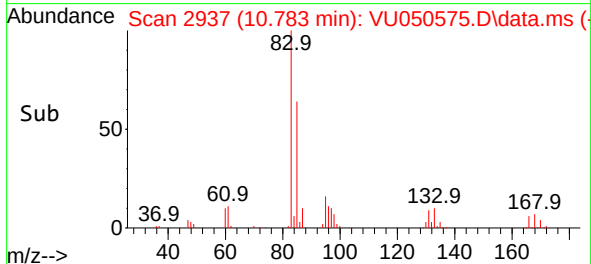
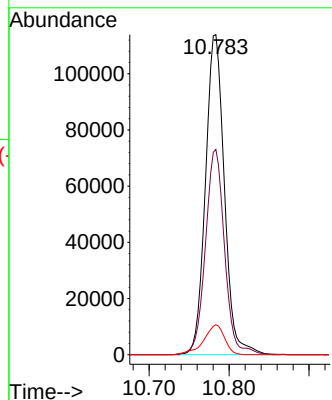
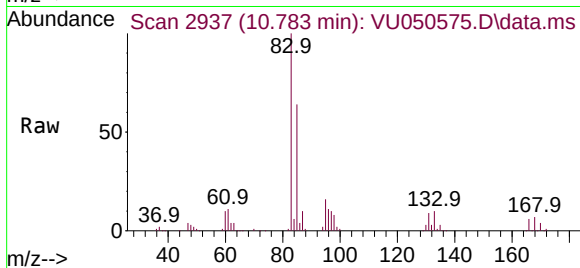
Tgt Ion: 83 Resp: 187583

Ion Ratio Lower Upper

83 100

85 64.2 45.3 84.1

131 9.3 7.2 10.8



#59

Bromoform

Concen: 50.180 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU050575.D

Acq: 01 Sep 2022 12:29

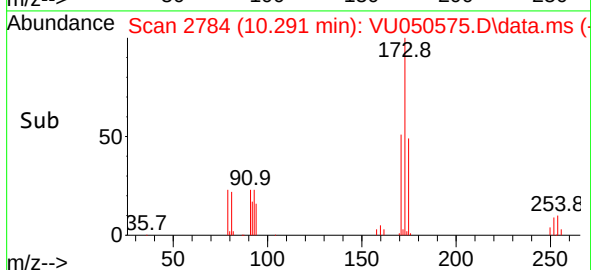
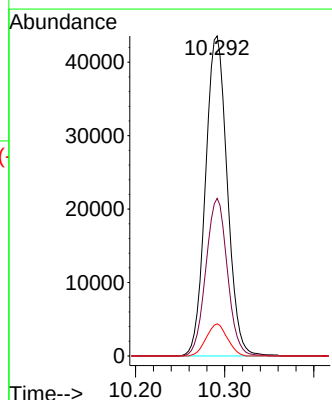
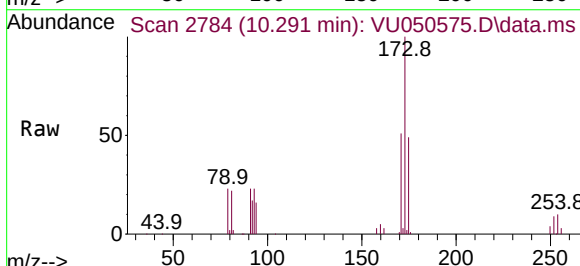
Tgt Ion:173 Resp: 73809

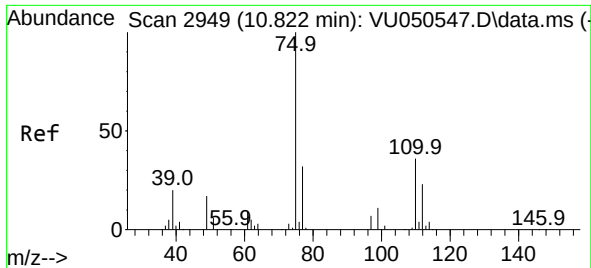
Ion Ratio Lower Upper

173 100

175 48.7 37.8 56.8

254 9.7 7.7 11.5

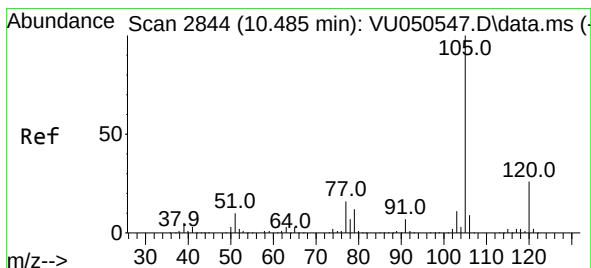
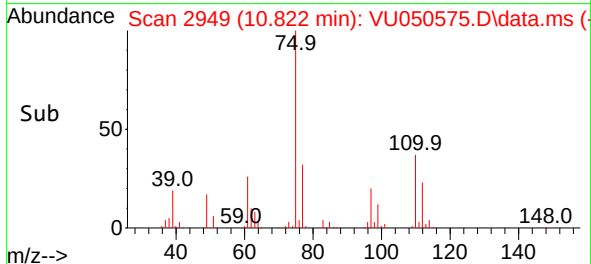
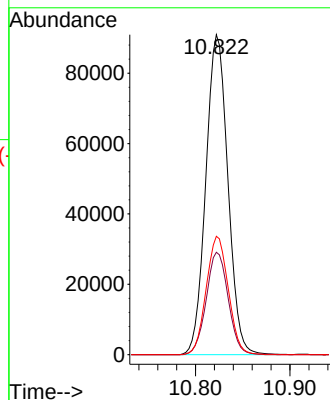
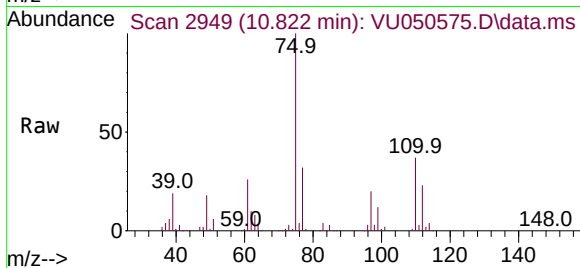




#60
1,2,3-Trichloropropane
Concen: 44.707 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU050575.D
Acq: 01 Sep 2022 12:29

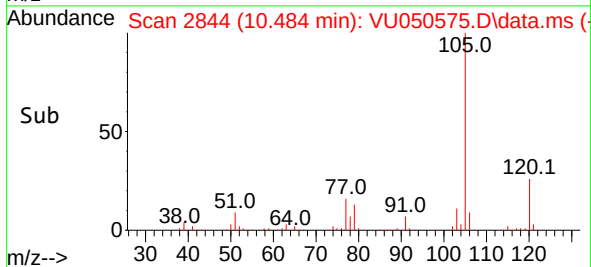
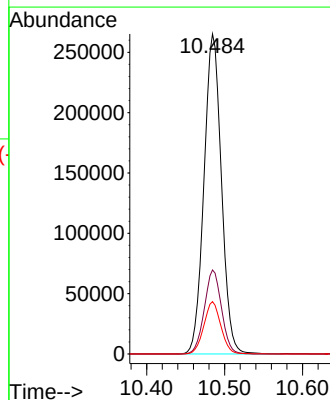
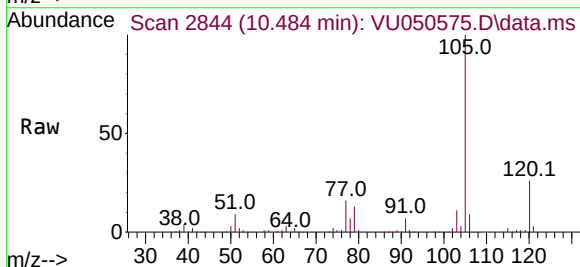
Instrument :
MSVOA_U
ClientSampleId :
VSTD050186

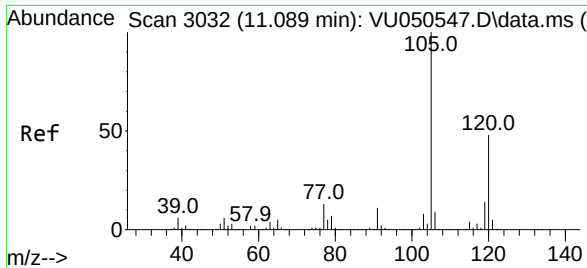
Tgt Ion: 75 Resp: 147427
Ion Ratio Lower Upper
75 100
77 31.9 26.2 39.4
110 37.0 29.0 43.6



#61
Isopropylbenzene
Concen: 52.591 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU050575.D
Acq: 01 Sep 2022 12:29

Tgt Ion: 105 Resp: 411949
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0
77 15.9 12.6 19.0

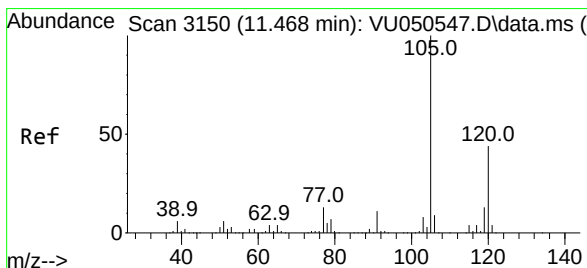
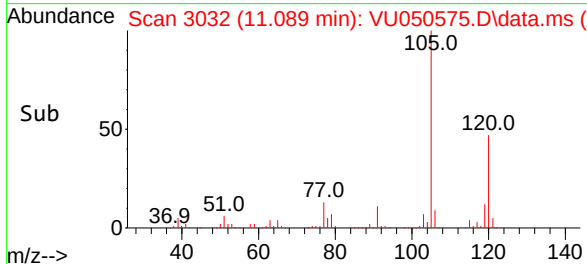
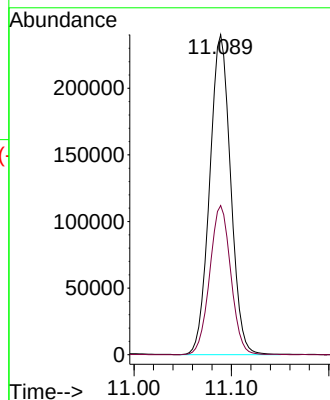
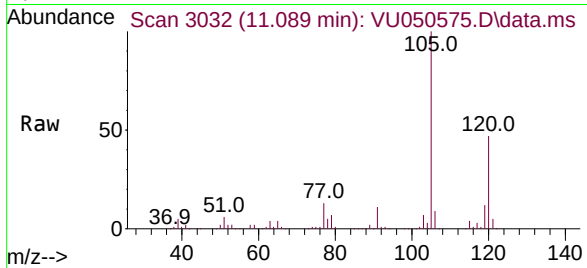




#62
 1,3,5-Trimethylbenzene
 Concen: 55.833 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU050575.D
 Acq: 01 Sep 2022 12:29

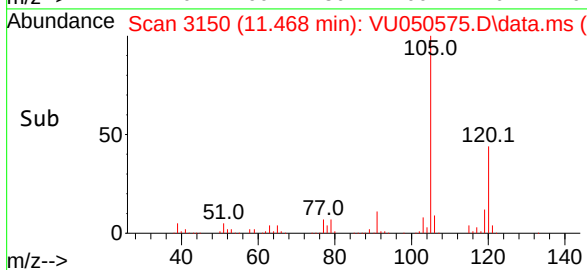
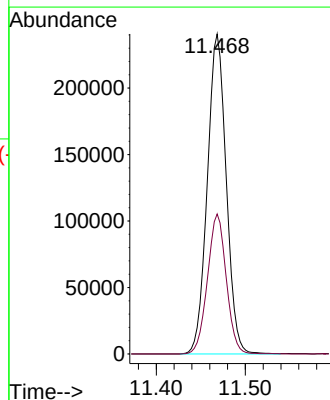
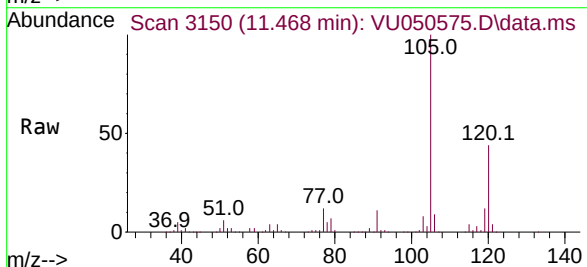
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050186

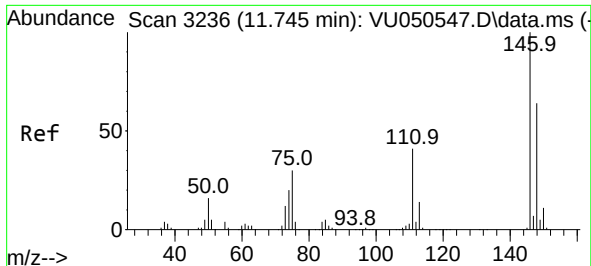
Tgt Ion:105 Resp: 359532
 Ion Ratio Lower Upper
 105 100
 120 46.8 38.2 57.2



#63
 1,2,4-Trimethylbenzene
 Concen: 56.712 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU050575.D
 Acq: 01 Sep 2022 12:29

Tgt Ion:105 Resp: 354711
 Ion Ratio Lower Upper
 105 100
 120 43.3 35.6 53.4

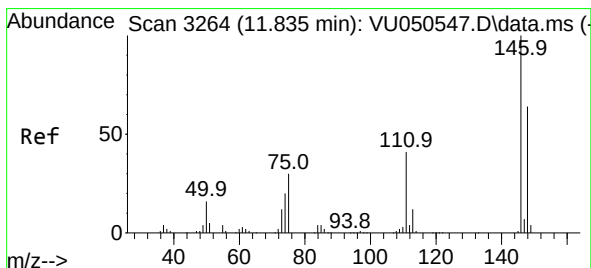
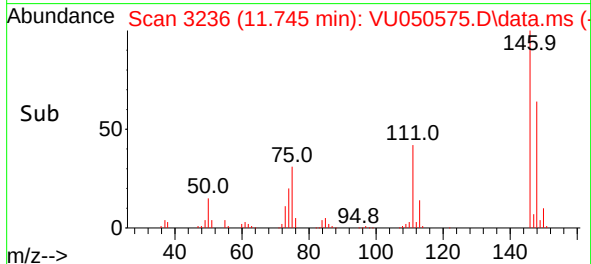
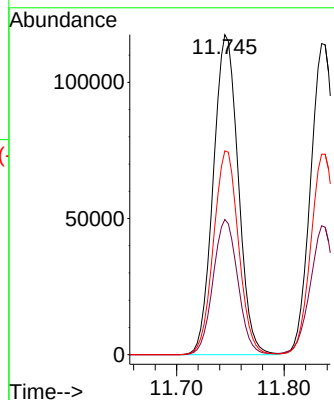
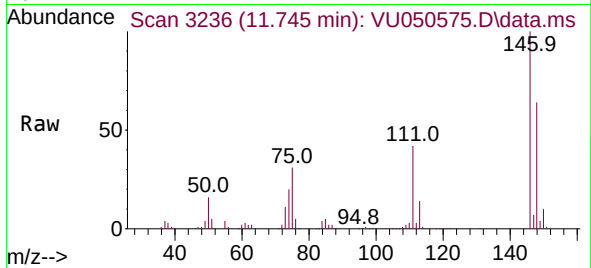




#64
 1,3-Dichlorobenzene
 Concen: 50.664 ug/L
 RT: 11.745 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU050575.D
 Acq: 01 Sep 2022 12:29

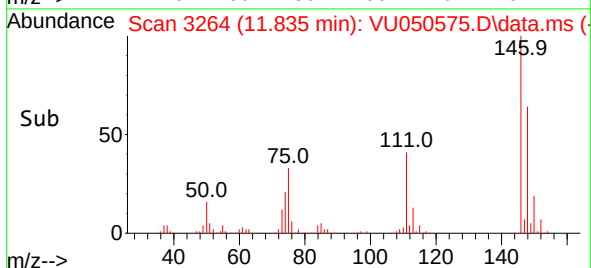
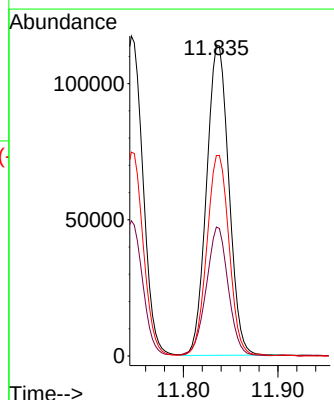
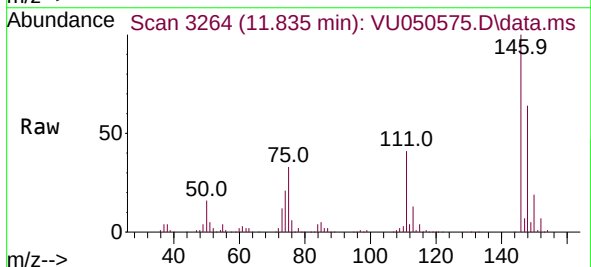
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050186

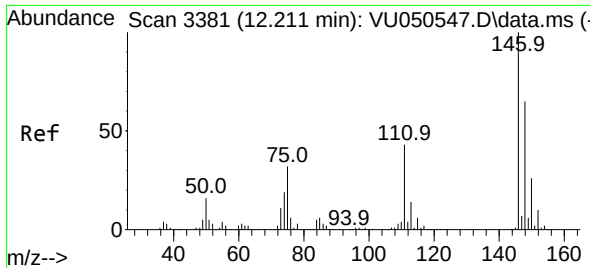
Tgt Ion:146 Resp: 189363
 Ion Ratio Lower Upper
 146 100
 111 42.3 28.4 52.8
 148 63.7 45.0 83.6



#65
 1,4-Dichlorobenzene
 Concen: 49.267 ug/L
 RT: 11.835 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU050575.D
 Acq: 01 Sep 2022 12:29

Tgt Ion:146 Resp: 186726
 Ion Ratio Lower Upper
 146 100
 111 41.5 28.2 52.4
 148 64.4 45.0 83.6

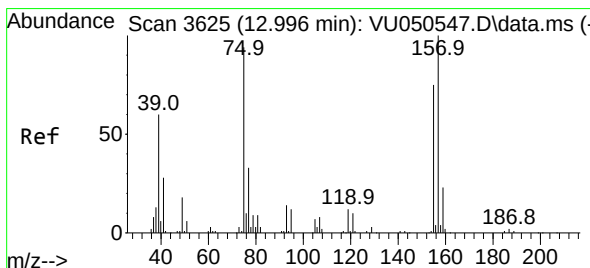
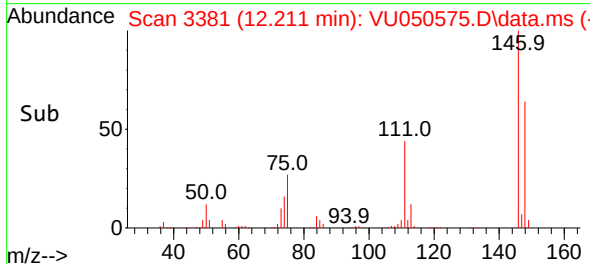
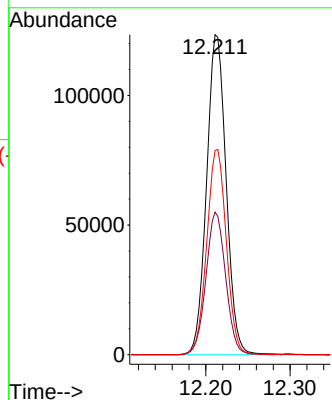
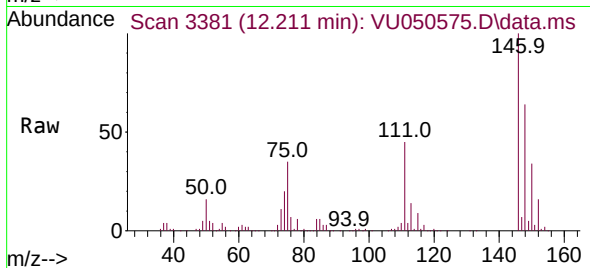




#67
1,2-Dichlorobenzene
Concen: 49.200 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU050575.D
Acq: 01 Sep 2022 12:29

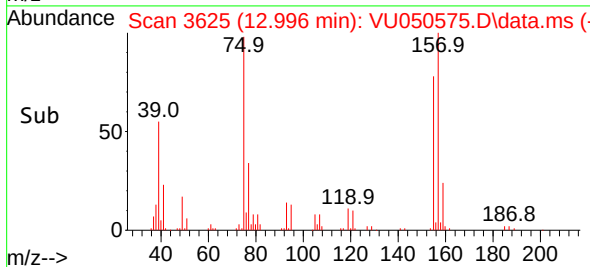
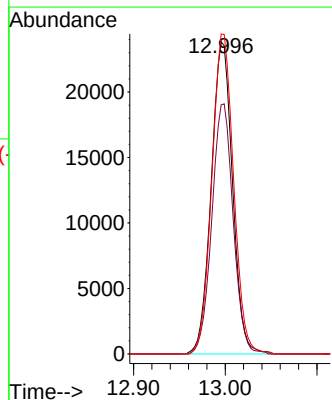
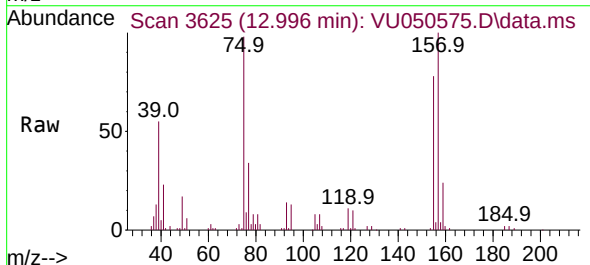
Instrument :
MSVOA_U
ClientSampleId :
VSTD050186

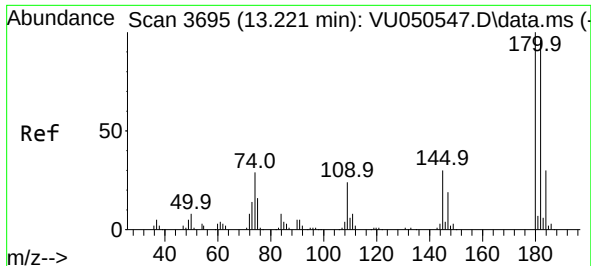
Tgt Ion:146 Resp: 199356
Ion Ratio Lower Upper
146 100
111 44.6 33.4 50.2
148 63.8 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 48.946 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU050575.D
Acq: 01 Sep 2022 12:29

Tgt Ion: 75 Resp: 38516
Ion Ratio Lower Upper
75 100
155 79.8 71.4 107.2
157 102.5 83.2 124.8

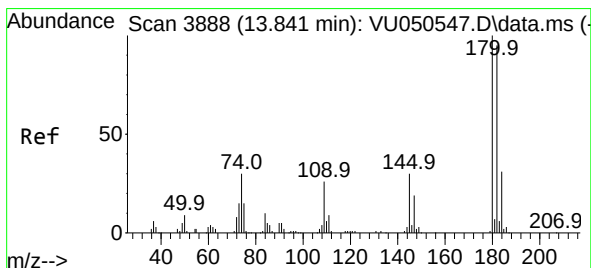
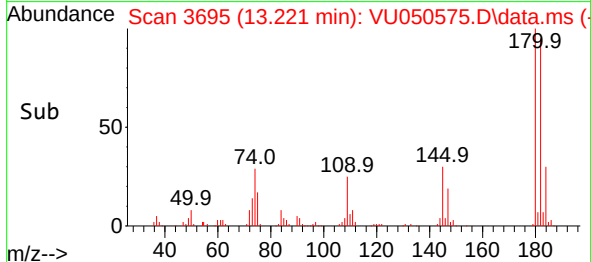
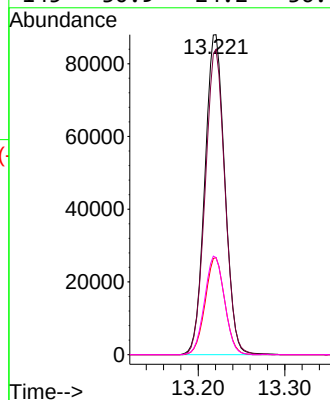
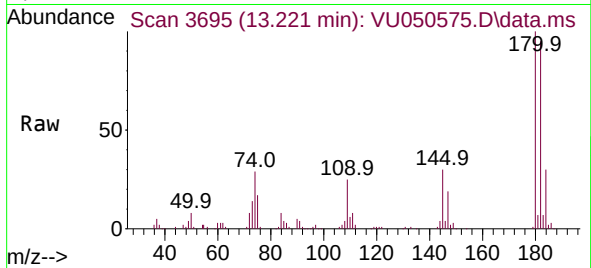




#69
 1,3,5-Trichlorobenzene
 Concen: 54.835 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU050575.D
 Acq: 01 Sep 2022 12:29

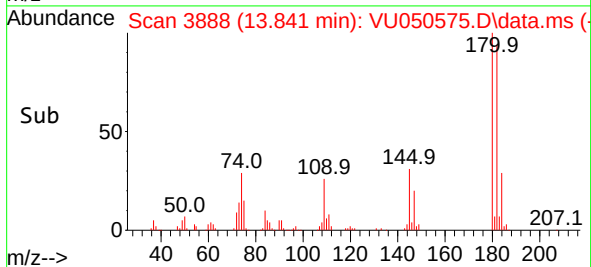
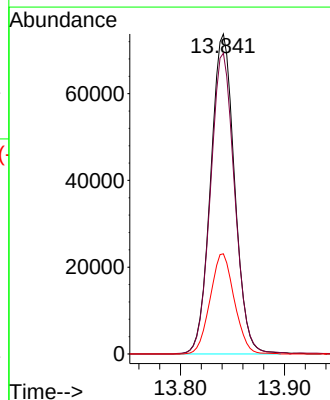
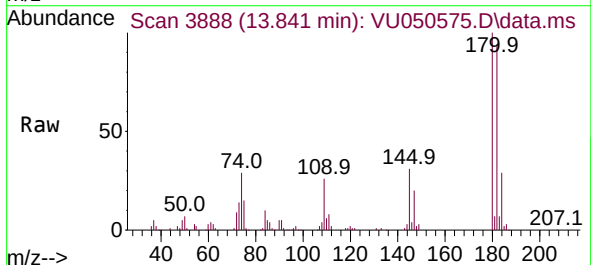
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050186

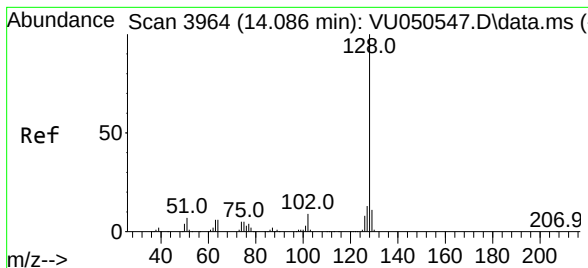
Tgt Ion:	180	Resp:	140250
Ion Ratio	Lower	Upper	
180	100		
182	94.6	76.3	114.5
184	29.8	24.4	36.6
145	30.9	24.2	36.4



#70
 1,2,4-trichlorobenzene
 Concen: 51.811 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU050575.D
 Acq: 01 Sep 2022 12:29

Tgt Ion:	180	Resp:	117867
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.6	115.0
145	31.7	24.2	36.4





#71

Naphthalene

Concen: 47.239 ug/L

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

Lab File: VU050575.D

Acq: 01 Sep 2022 12:29

Instrument :

MSVOA_U

ClientSampleId :

VSTD050186

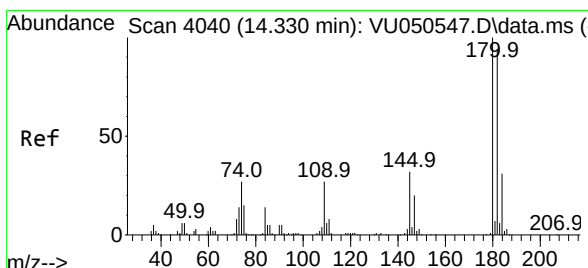
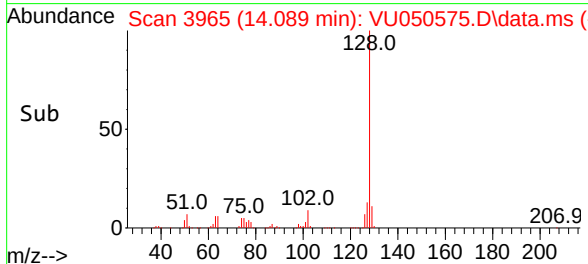
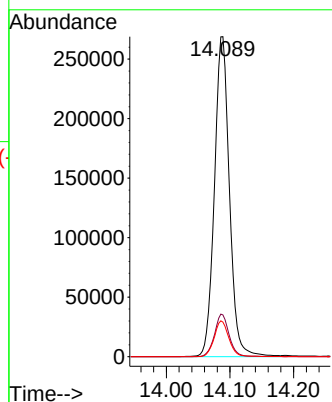
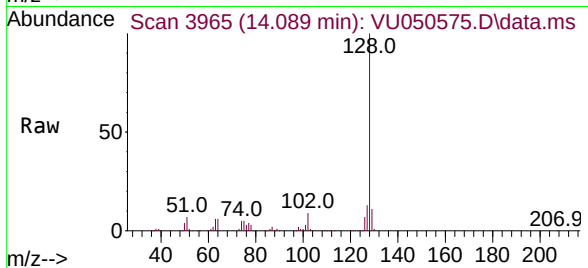
Tgt Ion:128 Resp: 440921

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 51.955 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU050575.D

Acq: 01 Sep 2022 12:29

Tgt Ion:180 Resp: 136597

Ion Ratio Lower Upper

180 100

182 94.3 76.0 114.0

145 32.8 26.2 39.2

