

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090222\
 Data File : VU050600.D
 Acq On : 02 Sep 2022 15:17
 Operator : SY/MD
 Sample : VSTD10022
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100022

Quant Time: Sep 03 01:59:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 03 01:56:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	476334	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	464114	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	204535	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	480574	129.572	ug/L	0.00
7) Chloroethane-d5	1.903	69	306340	108.245	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	818354	128.943	ug/L	0.00
21) 2-Butanone-d5	4.626	46	676618	215.356	ug/L	0.00
24) Chloroform-d	5.063	84	789459	109.524	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	474377	102.374	ug/L	0.00
32) Benzene-d6	5.726	84	1654752	113.743	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	538357	110.927	ug/L	0.00
41) Toluene-d8	7.896	98	1430101	113.335	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	237100	121.027	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	305610	185.616	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	802217	106.734	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	518180	116.048	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	478266	142.286	ug/L	100
3) Chloromethane	1.517	50	573946	115.477	ug/L	98
5) Vinyl chloride	1.600	62	542128	118.485	ug/L	98
6) Bromomethane	1.851	94	231490	109.495	ug/L	100
8) Chloroethane	1.925	64	272378	96.656	ug/L	98
9) Trichlorofluoromethane	2.134	101	554889	103.128	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	420164	127.879	ug/L	99
12) 1,1-Dichloroethene	2.575	96	406480	121.873	ug/L	94
13) Acetone	2.633	43	487772	198.050	ug/L	96
14) Carbon disulfide	2.790	76	1198516	140.195	ug/L	100
15) Methyl Acetate	2.948	43	540082	107.379	ug/L	99
16) Methylene chloride	3.041	84	494005	93.560	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	428276	118.527	ug/L	99
18) Methyl tert-butyl Ether	3.362	73	1343148	111.936	ug/L	99
19) 1,1-Dichloroethane	3.867	63	811248	111.547	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	474772	112.253	ug/L	97
22) 2-Butanone	4.703	43	800589	210.968	ug/L	99
23) Bromochloromethane	4.973	128	225748	100.649	ug/L	98
25) Chloroform	5.086	83	757971	101.095	ug/L	100
27) 1,2-Dichloroethane	5.793	62	590951	100.568	ug/L	98
29) Cyclohexane	5.388	56	706556	129.321	ug/L	99
30) 1,1,1-Trichloroethane	5.317	97	625679	108.900	ug/L	99
31) Carbon tetrachloride	5.523	117	532136	119.201	ug/L	98
33) Benzene	5.774	78	1837635	108.803	ug/L	100
34) Trichloroethene	6.542	95	416145	106.380	ug/L	98
35) Methylcyclohexane	6.764	83	725657	131.826	ug/L	98
37) 1,2-Dichloropropane	6.790	63	476479	103.420	ug/L	100
38) Bromodichloromethane	7.105	83	560701	106.692	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	637742	104.372	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	1366695	207.655	ug/L	99
42) Toluene	7.970	91	1926965	114.752	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	619684	111.493	ug/L	100

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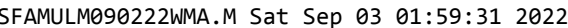
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100022

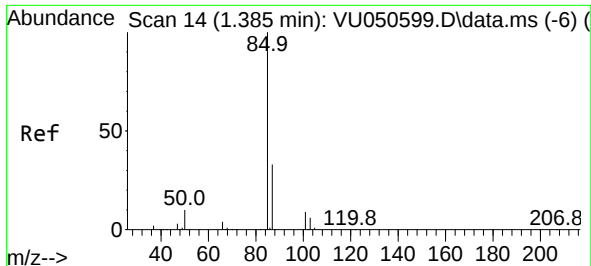
Quant Time: Sep 03 01:59:15 2022
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 Quant Title : VOC Analysis
 QLast Update : Sat Sep 03 01:56:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	445207	100.442	ug/L	97
46) Tetrachloroethene	8.552	164	288066	104.448	ug/L	99
48) 2-Hexanone	8.684	43	1276396	224.485	ug/L	97
49) Dibromochloromethane	8.809	129	437198	111.458	ug/L	99
50) 1,2-Dibromoethane	8.922	107	484730	105.683	ug/L	97
51) Chlorobenzene	9.446	112	1100779	105.146	ug/L	100
52) Ethylbenzene	9.571	91	1847205	112.382	ug/L	99
53) m,p-Xylene	9.693	106	727006	117.888	ug/L	99
54) o-Xylene	10.098	106	717306	114.893	ug/L	100
55) Styrene	10.115	104	1224594	118.308	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	776089	98.354	ug/L	98
59) Bromoform	10.291	173	330176	120.005	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	600729	99.378	ug/L	100
61) Isopropylbenzene	10.484	105	1863791	126.570	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	1665411	136.645	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	1623126	137.448	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	827491	118.818	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	745763	105.324	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	765656	101.996	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	168518	115.086	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	582539	120.051	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	476866	111.446	ug/L	100
71) Naphthalene	14.085	128	1859622	108.147	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	550220	112.412	ug/L	99

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

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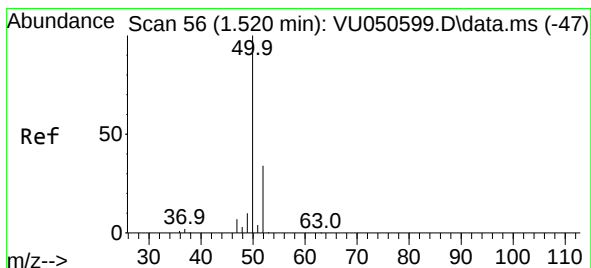
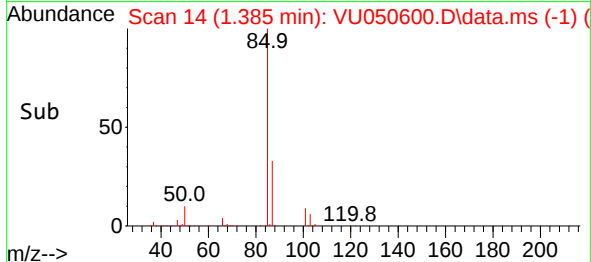
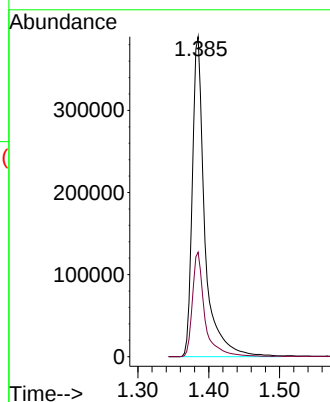
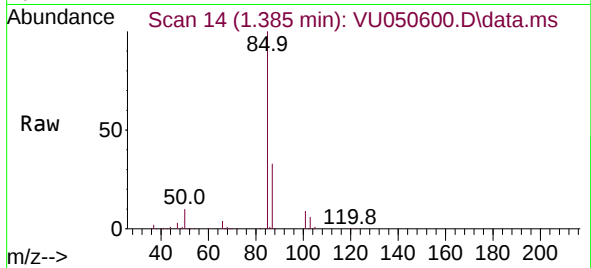




#2
Dichlorodifluoromethane
Concen: 142.286 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050600.D
Acq: 02 Sep 2022 15:17

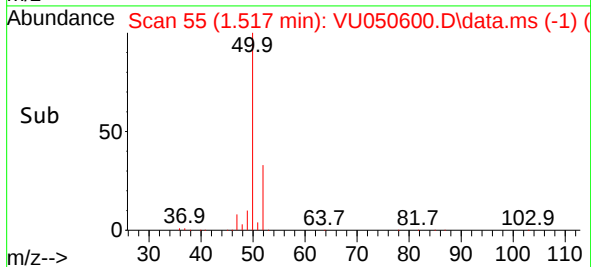
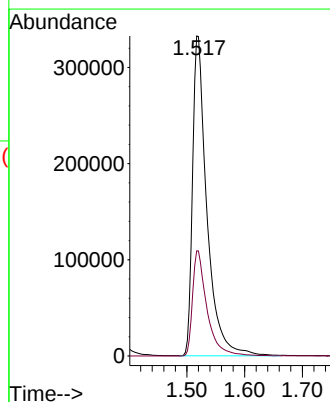
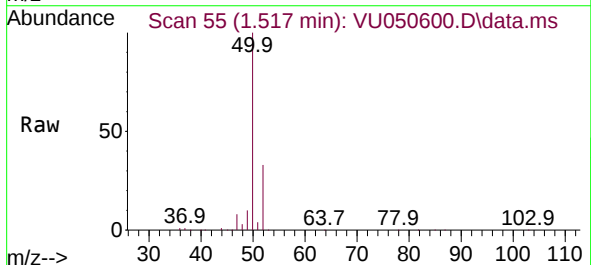
Instrument :
MSVOA_U
ClientSampleId :
VSTD100022

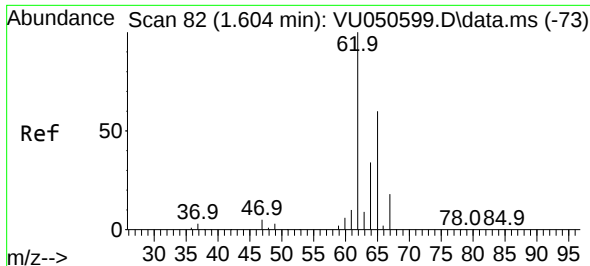
Tgt Ion: 85 Resp: 478266
Ion Ratio Lower Upper
85 100
87 32.4 25.8 38.8



#3
Chloromethane
Concen: 115.477 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU050600.D
Acq: 02 Sep 2022 15:17

Tgt Ion: 50 Resp: 573946
Ion Ratio Lower Upper
50 100
52 32.9 23.7 43.9

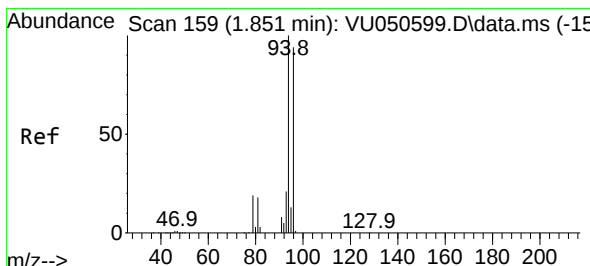
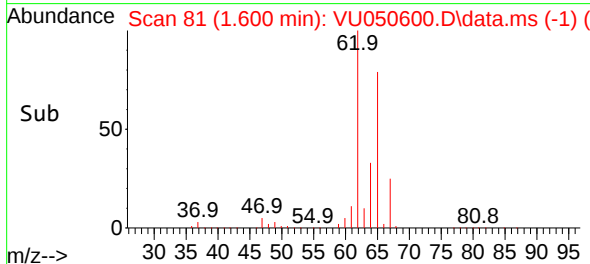
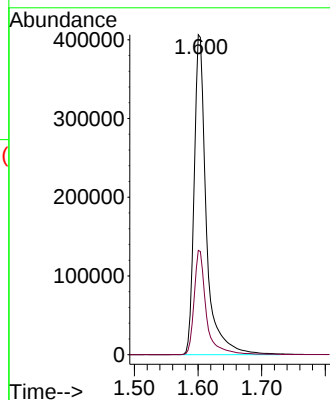
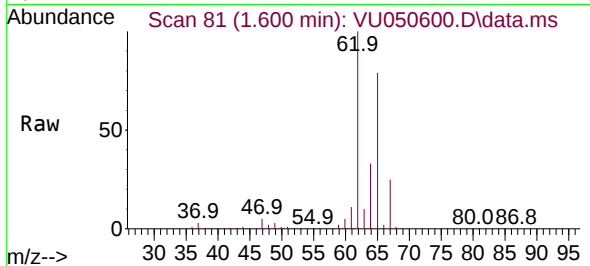




#5
 Vinyl chloride
 Concen: 118.485 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU050600.D
 Acq: 02 Sep 2022 15:17

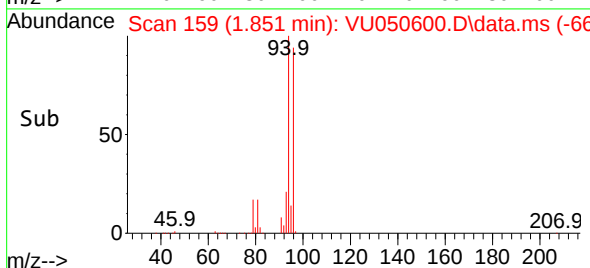
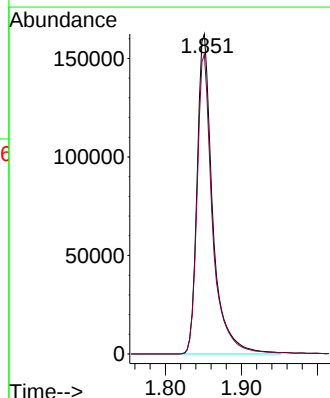
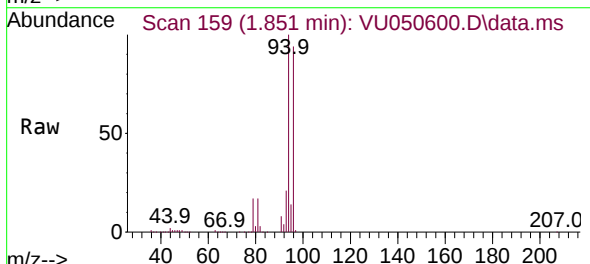
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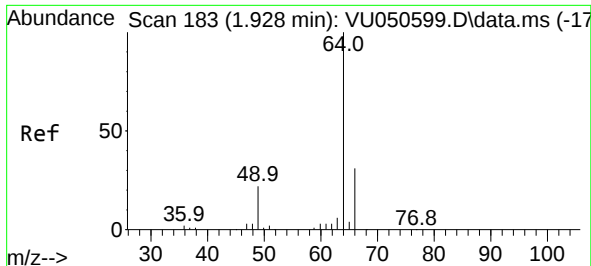
Tgt Ion: 62 Resp: 542128
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.5 43.7



#6
 Bromomethane
 Concen: 109.495 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. -0.000 min
 Lab File: VU050600.D
 Acq: 02 Sep 2022 15:17

Tgt Ion: 94 Resp: 231490
 Ion Ratio Lower Upper
 94 100
 96 93.6 65.6 121.8

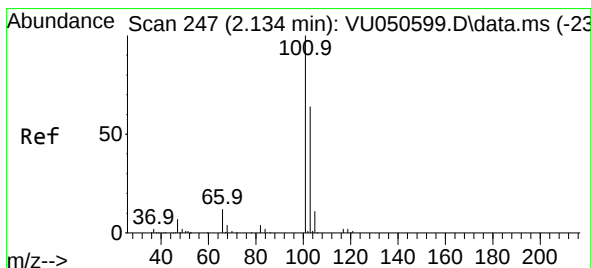
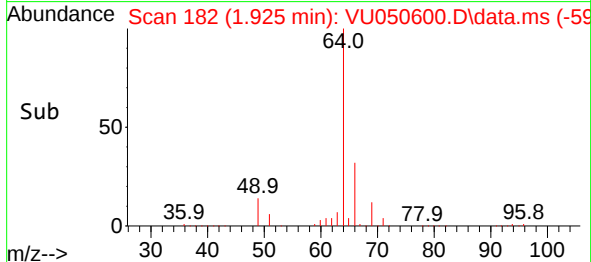
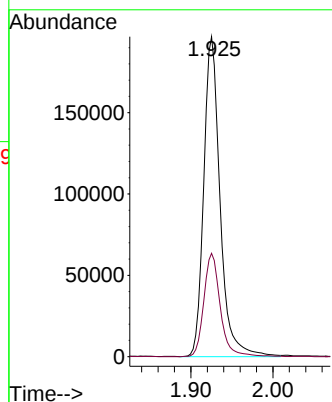
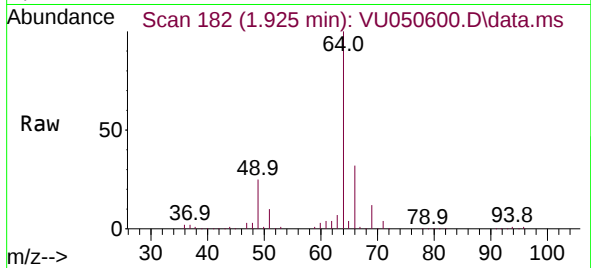




#8
Chloroethane
Concen: 96.656 ug/L
RT: 1.925 min Scan# 182
Delta R.T. -0.003 min
Lab File: VU050600.D
Acq: 02 Sep 2022 15:17

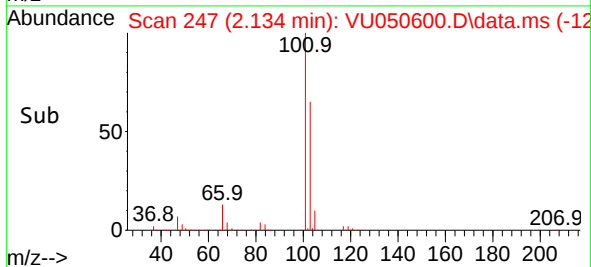
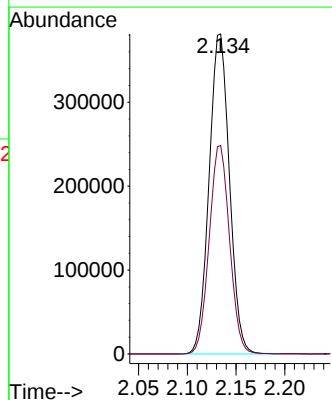
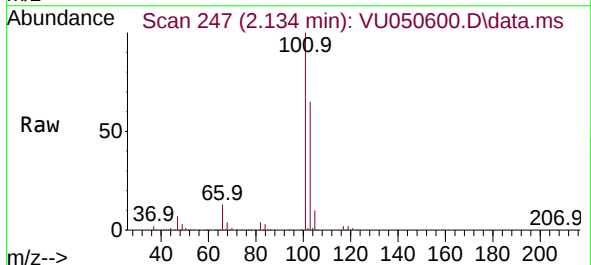
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ClientSampleId :
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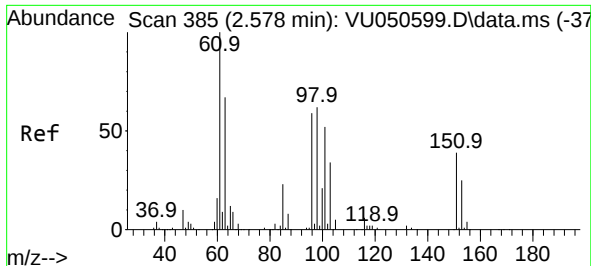
Tgt Ion: 64 Resp: 272378
Ion Ratio Lower Upper
64 100
66 32.3 21.9 40.7



#9
Trichlorofluoromethane
Concen: 103.128 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.000 min
Lab File: VU050600.D
Acq: 02 Sep 2022 15:17

Tgt Ion:101 Resp: 554889
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.0

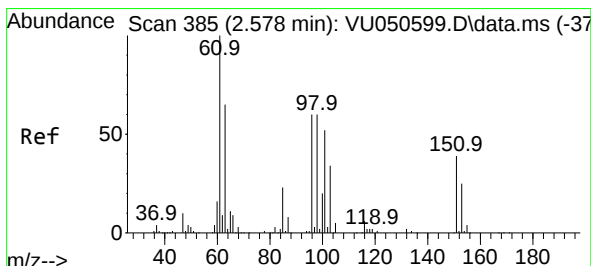
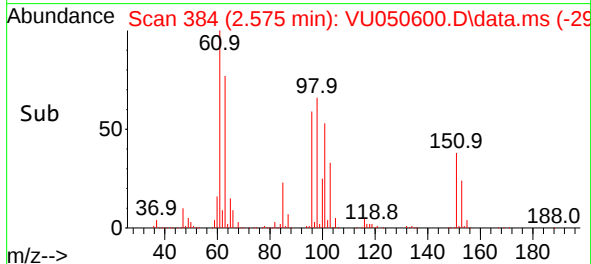
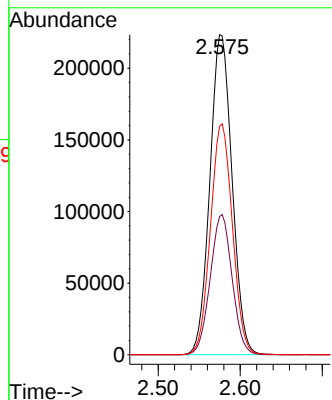
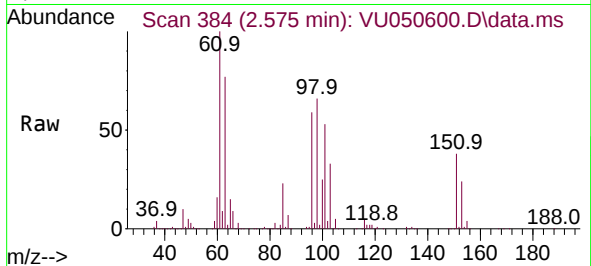




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 127.879 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU050600.D
 Acq: 02 Sep 2022 15:17

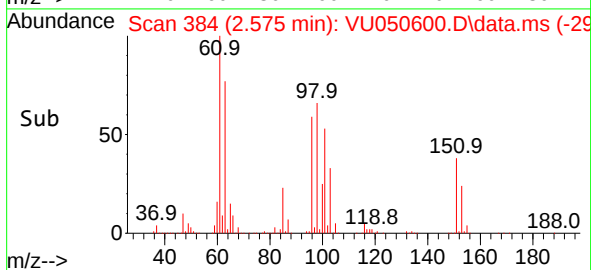
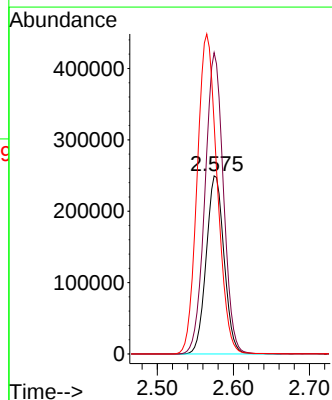
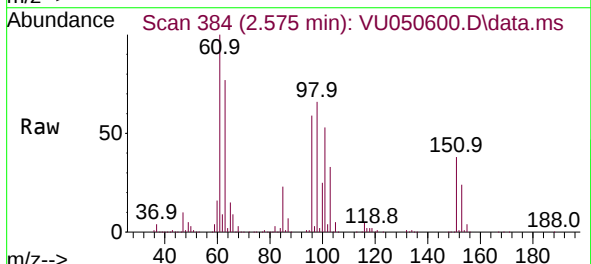
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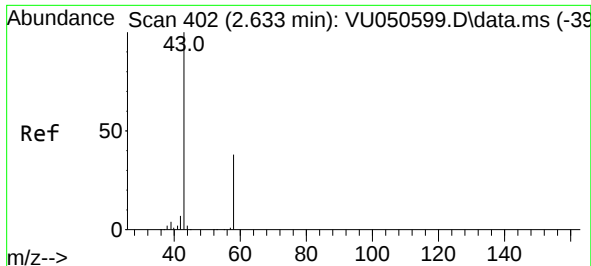
Tgt Ion:101 Resp: 420164
 Ion Ratio Lower Upper
 101 100
 85 43.1 34.4 51.6
 151 71.5 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 121.873 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU050600.D
 Acq: 02 Sep 2022 15:17

Tgt Ion: 96 Resp: 406480
 Ion Ratio Lower Upper
 96 100
 61 169.3 118.0 219.1
 63 129.7 79.5 147.7





#13

Acetone

Concen: 198.050 ug/L

RT: 2.633 min Scan# 402

Delta R.T. -0.000 min

Lab File: VU050600.D

Acq: 02 Sep 2022 15:17

Instrument :

MSVOA_U

ClientSampleId :

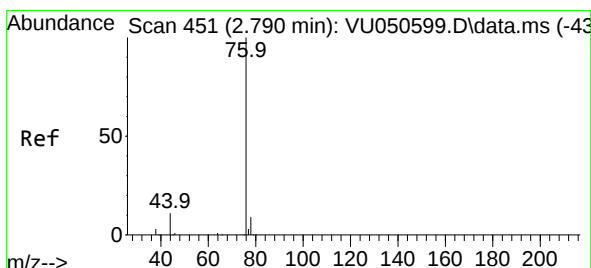
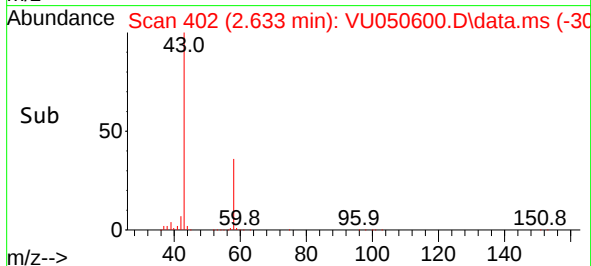
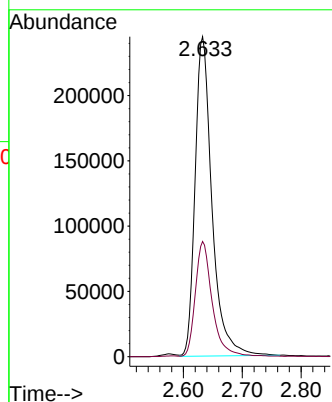
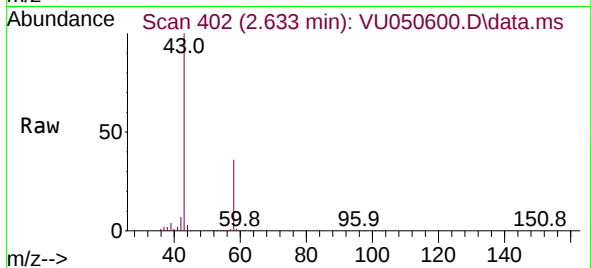
VSTD100022

Tgt Ion: 43 Resp: 487772

Ion Ratio Lower Upper

43 100

58 35.7 0.0 76.2



#14

Carbon disulfide

Concen: 140.195 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU050600.D

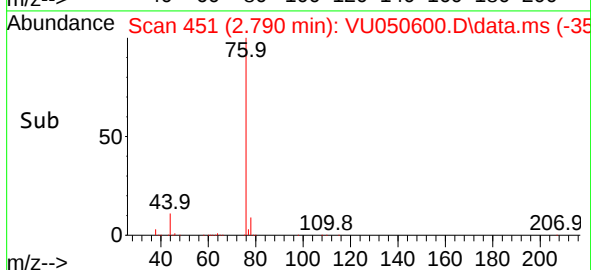
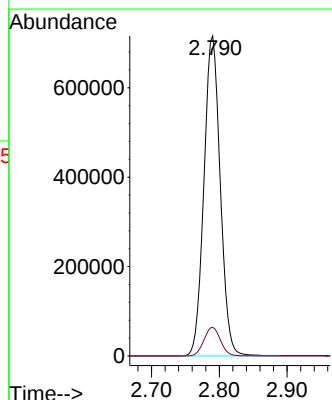
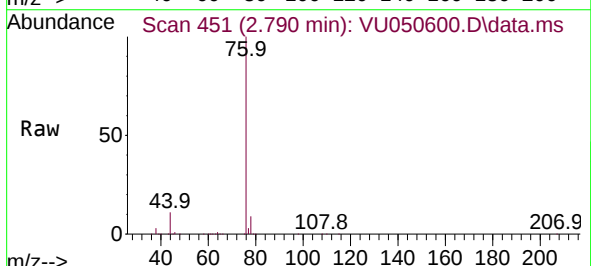
Acq: 02 Sep 2022 15:17

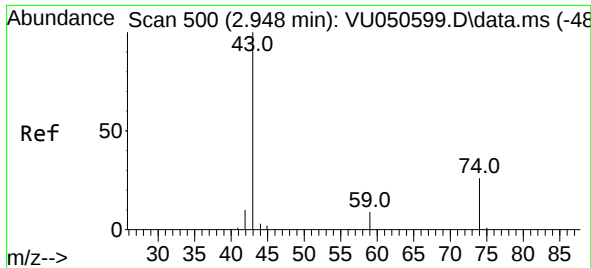
Tgt Ion: 76 Resp: 1198516

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

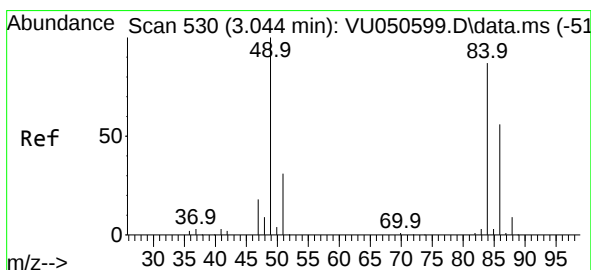
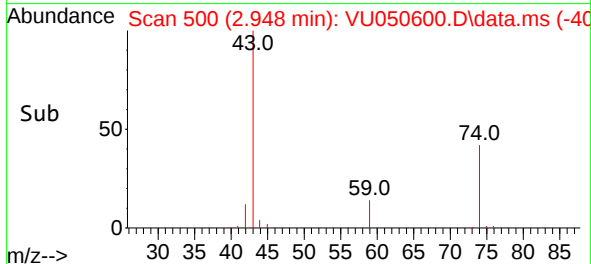
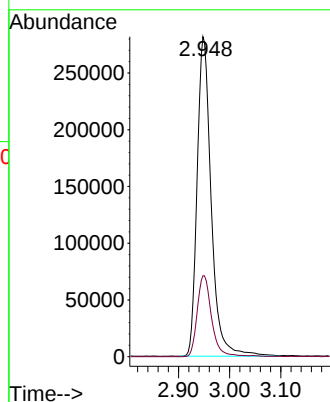
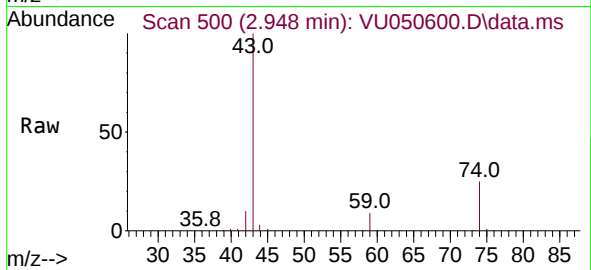




#15
Methyl Acetate
Concen: 107.379 ug/L
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU050600.D
Acq: 02 Sep 2022 15:17

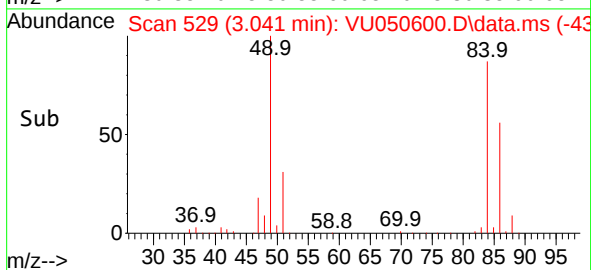
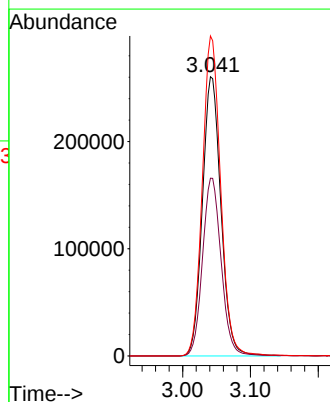
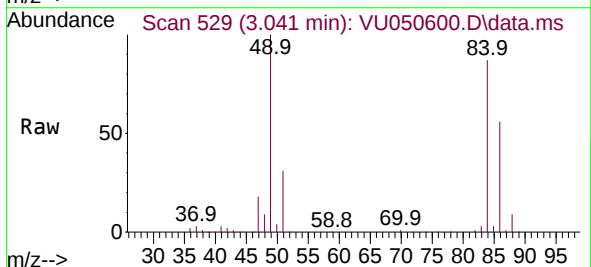
Instrument :
MSVOA_U
ClientSampleId :
VSTD100022

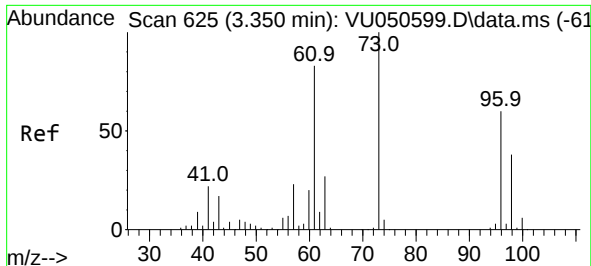
Tgt Ion: 43 Resp: 540082
Ion Ratio Lower Upper
43 100
74 25.8 21.2 31.8



#16
Methylene chloride
Concen: 93.560 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU050600.D
Acq: 02 Sep 2022 15:17

Tgt Ion: 84 Resp: 494005
Ion Ratio Lower Upper
84 100
86 63.7 44.8 83.2
49 114.6 80.6 149.8





#17

trans-1,2-Dichloroethene

Concen: 118.527 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU050600.D

Acq: 02 Sep 2022 15:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD100022

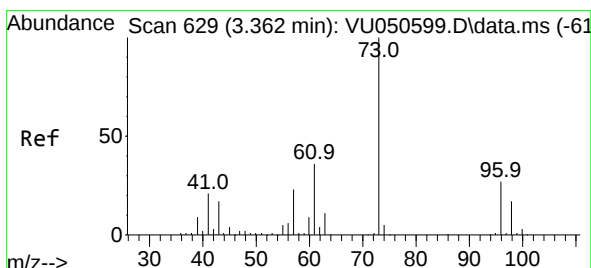
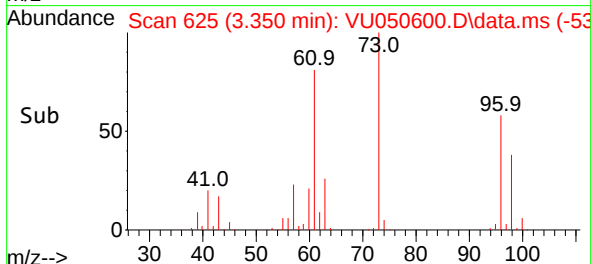
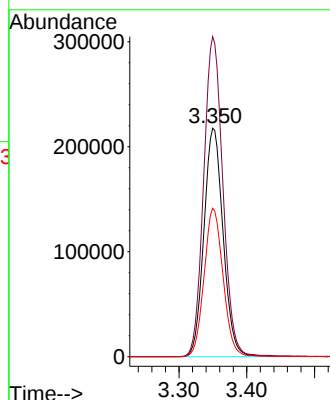
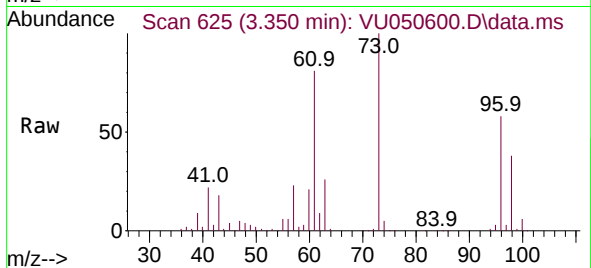
Tgt Ion: 96 Resp: 428276

Ion Ratio Lower Upper

96 100

61 140.0 97.9 181.7

98 65.0 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 111.936 ug/L

RT: 3.362 min Scan# 629

Delta R.T. -0.000 min

Lab File: VU050600.D

Acq: 02 Sep 2022 15:17

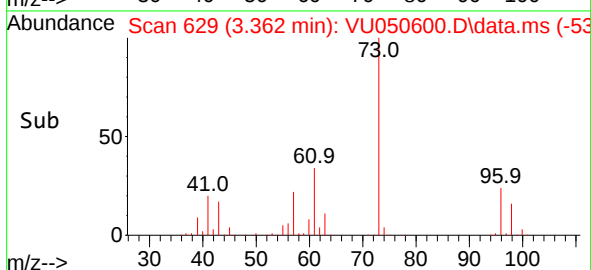
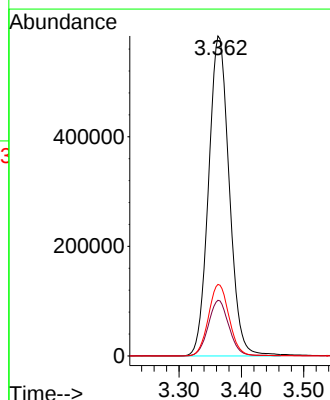
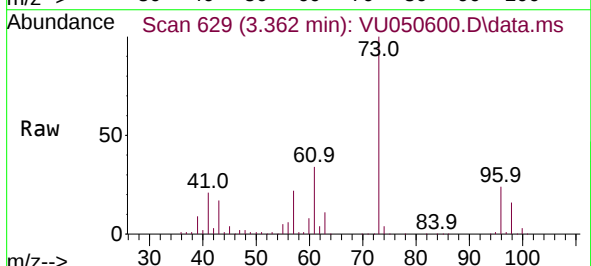
Tgt Ion: 73 Resp: 1343148

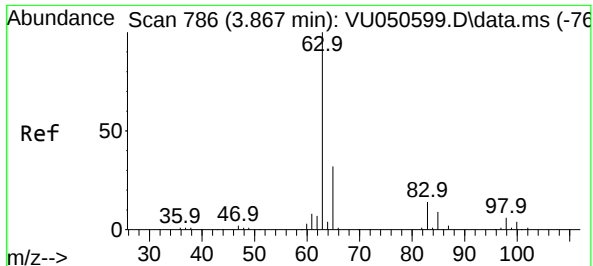
Ion Ratio Lower Upper

73 100

43 17.3 13.4 20.2

57 22.4 17.8 26.8





#19

1,1-Dichloroethane

Concen: 111.547 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.000 min

Lab File: VU050600.D

Acq: 02 Sep 2022 15:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD100022

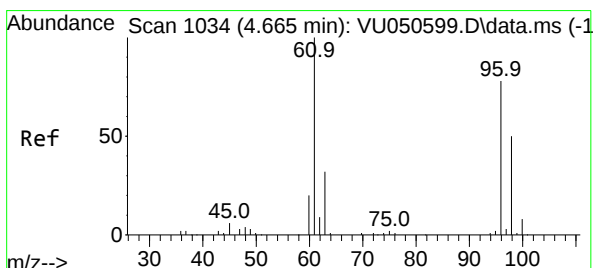
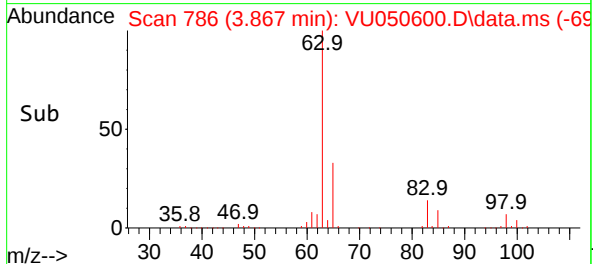
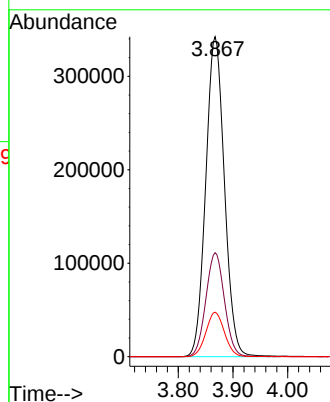
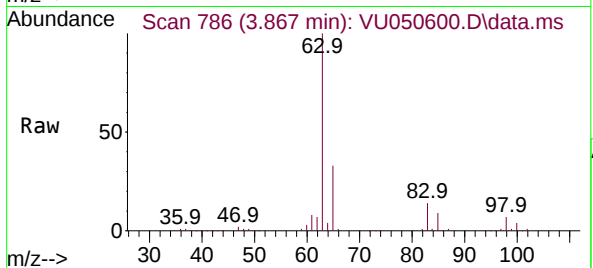
Tgt Ion: 63 Resp: 811248

Ion Ratio Lower Upper

63 100

65 32.5 22.4 41.6

83 13.9 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 112.253 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU050600.D

Acq: 02 Sep 2022 15:17

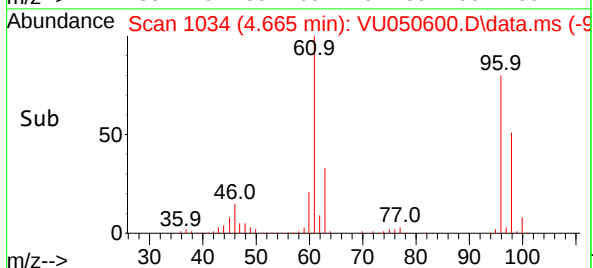
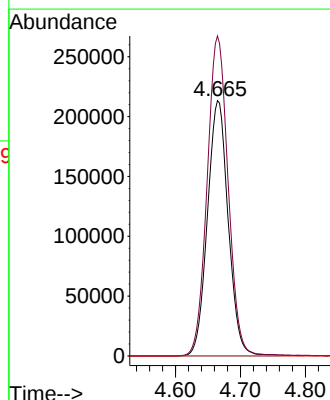
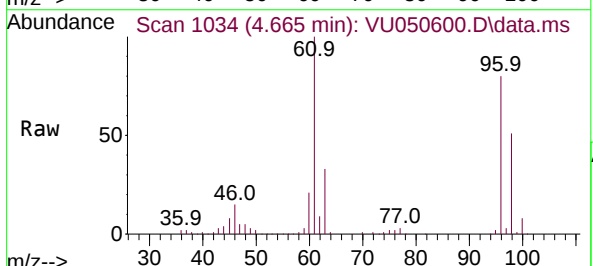
Tgt Ion: 96 Resp: 474772

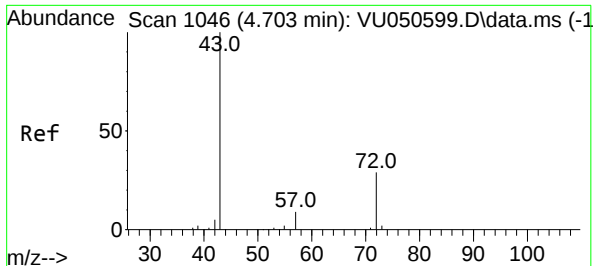
Ion Ratio Lower Upper

96 100

61 125.3 89.8 166.8

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 210.968 ug/L

RT: 4.703 min Scan# 1046

Delta R.T. -0.000 min

Lab File: VU050600.D

Acq: 02 Sep 2022 15:17

Instrument :

MSVOA_U

ClientSampleId :

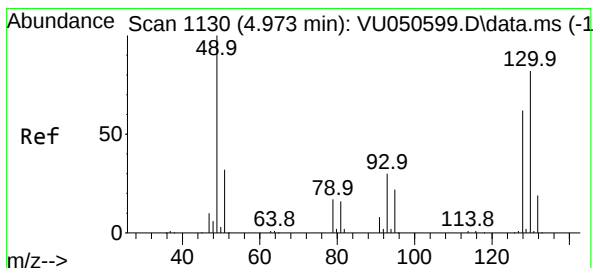
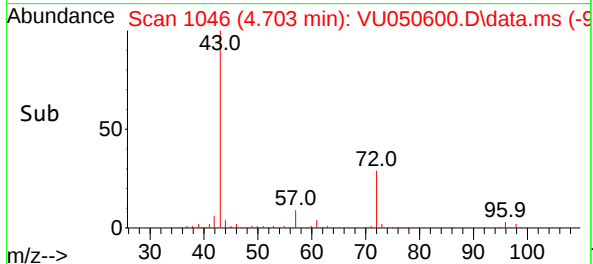
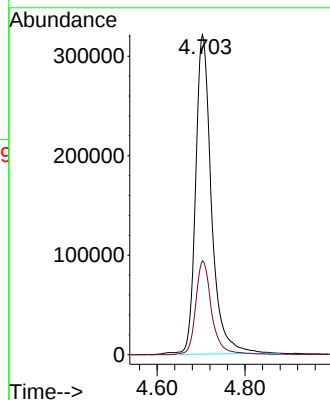
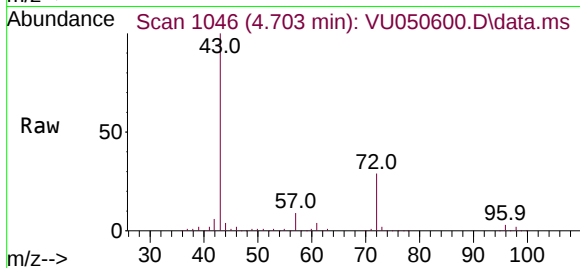
VSTD100022

Tgt Ion: 43 Resp: 800589

Ion Ratio Lower Upper

43 100

72 29.6 14.6 44.0



#23

Bromochloromethane

Concen: 100.649 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VU050600.D

Acq: 02 Sep 2022 15:17

Tgt Ion:128 Resp: 225748

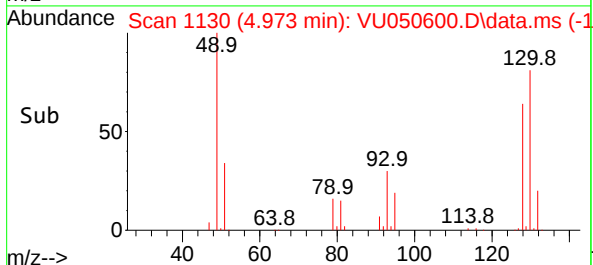
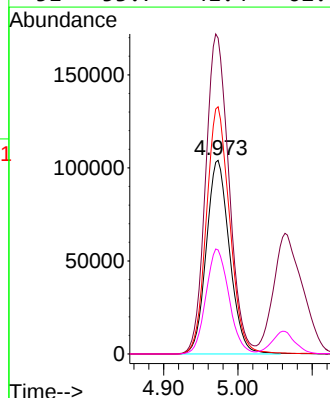
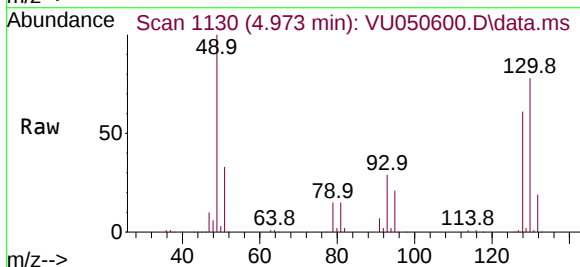
Ion Ratio Lower Upper

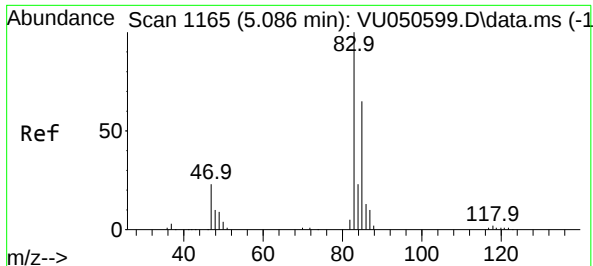
128 100

49 163.1 112.5 208.9

130 127.7 91.8 170.4

51 53.7 41.4 62.0

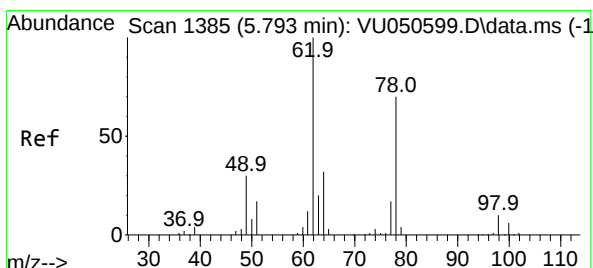
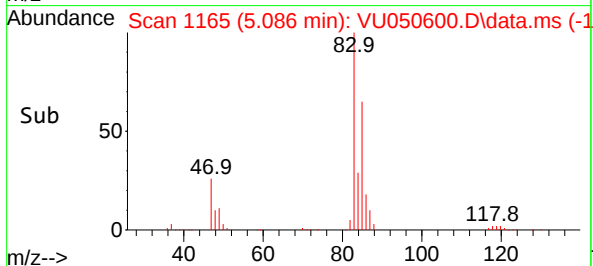
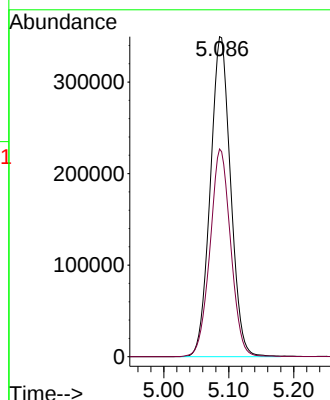
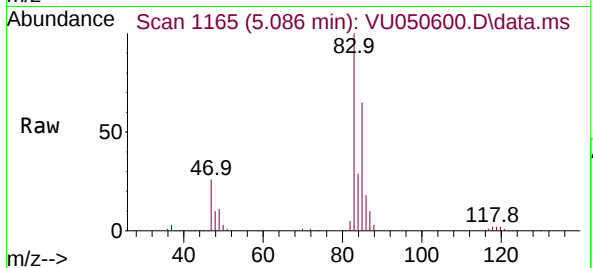




#25
Chloroform
Concen: 101.095 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VU050600.D
Acq: 02 Sep 2022 15:17

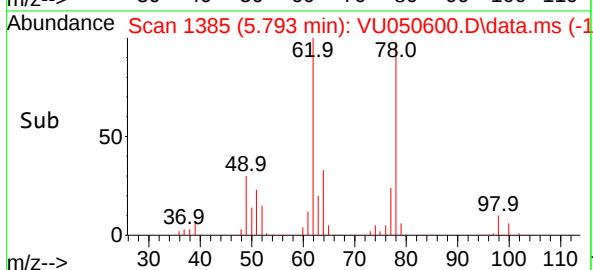
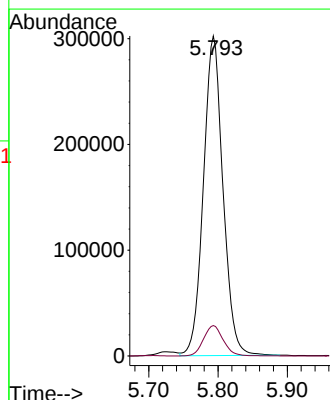
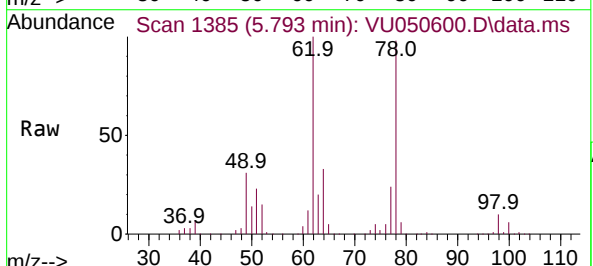
Instrument :
MSVOA_U
ClientSampleId :
VSTD100022

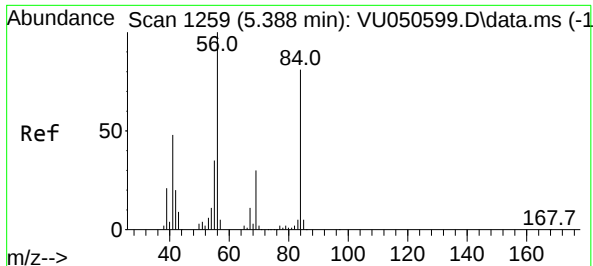
Tgt Ion: 83 Resp: 757971
Ion Ratio Lower Upper
83 100
85 64.9 45.6 84.8



#27
1,2-Dichloroethane
Concen: 100.568 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. -0.000 min
Lab File: VU050600.D
Acq: 02 Sep 2022 15:17

Tgt Ion: 62 Resp: 590951
Ion Ratio Lower Upper
62 100
98 9.5 8.2 12.2





#29

Cyclohexane

Concen: 129.321 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU050600.D

Acq: 02 Sep 2022 15:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD100022

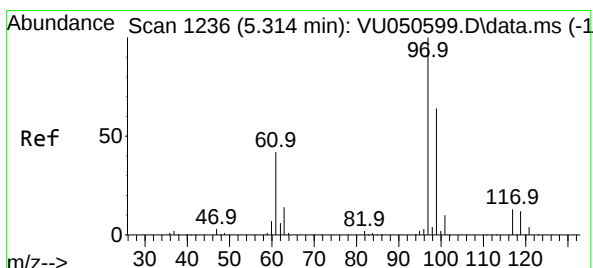
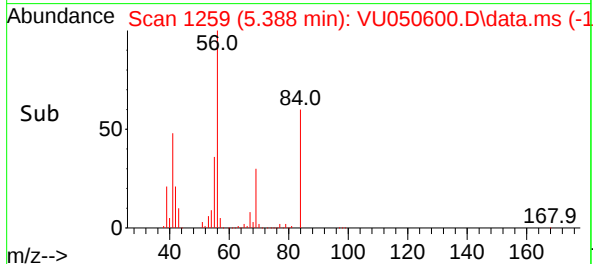
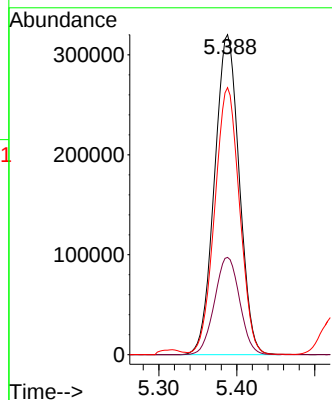
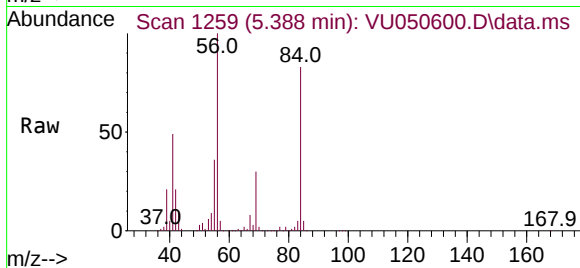
Tgt Ion: 56 Resp: 706556

Ion Ratio Lower Upper

56 100

69 30.9 24.6 37.0

84 83.7 67.4 101.2



#30

1,1,1-Trichloroethane

Concen: 108.900 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VU050600.D

Acq: 02 Sep 2022 15:17

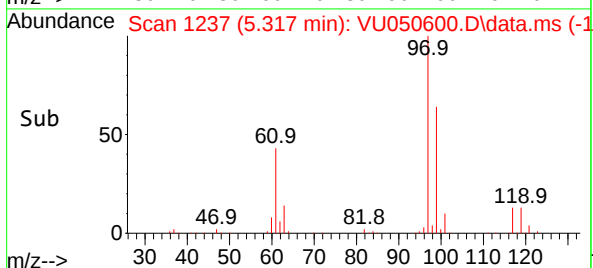
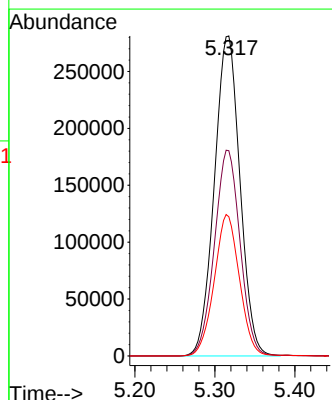
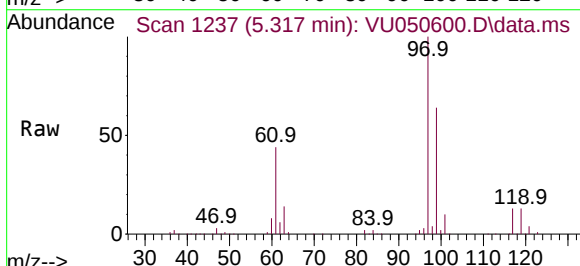
Tgt Ion: 97 Resp: 625679

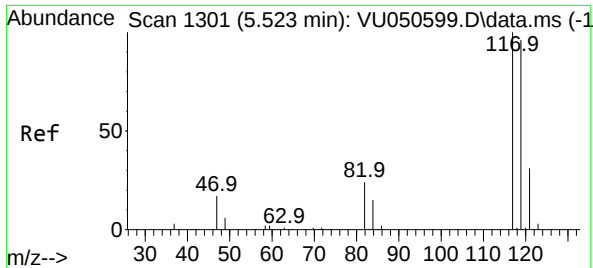
Ion Ratio Lower Upper

97 100

99 64.5 51.2 76.8

61 43.5 34.2 51.4

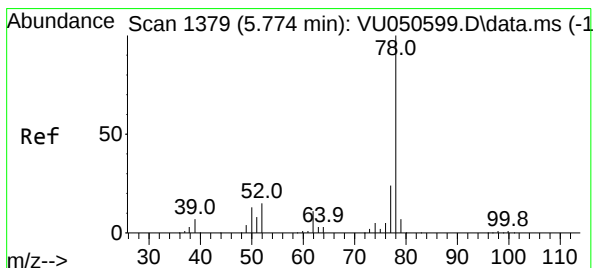
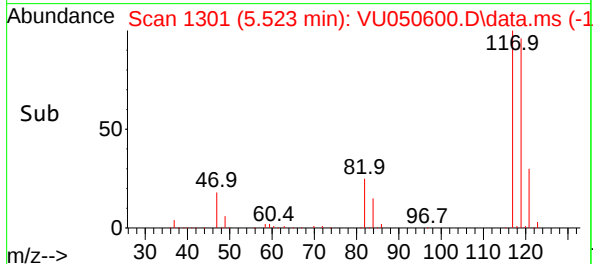
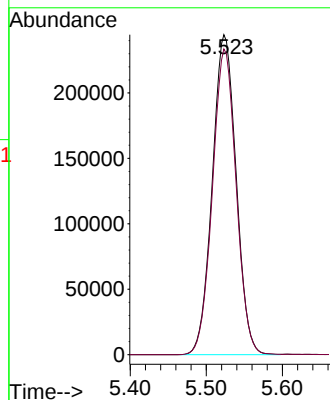
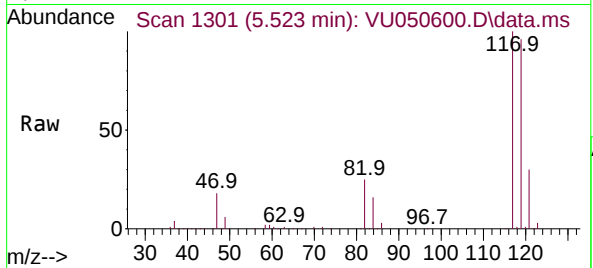




#31
Carbon tetrachloride
Concen: 119.201 ug/L
RT: 5.523 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU050600.D
Acq: 02 Sep 2022 15:17

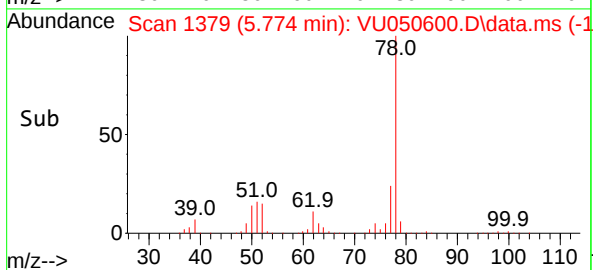
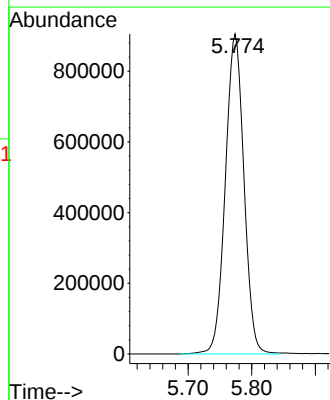
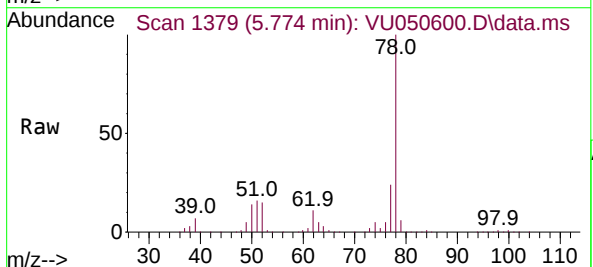
Instrument :
MSVOA_U
ClientSampleId :
VSTD100022

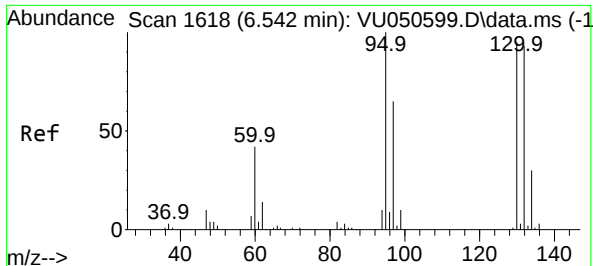
Tgt Ion:117 Resp: 532136
Ion Ratio Lower Upper
117 100
119 95.1 77.4 116.2



#33
Benzene
Concen: 108.803 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU050600.D
Acq: 02 Sep 2022 15:17

Tgt Ion: 78 Resp: 1837635





#34

Trichloroethene

Concen: 106.380 ug/L

RT: 6.542 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU050600.D

Acq: 02 Sep 2022 15:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD100022

Tgt Ion: 95 Resp: 416145

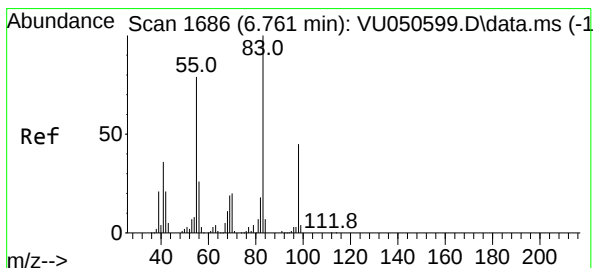
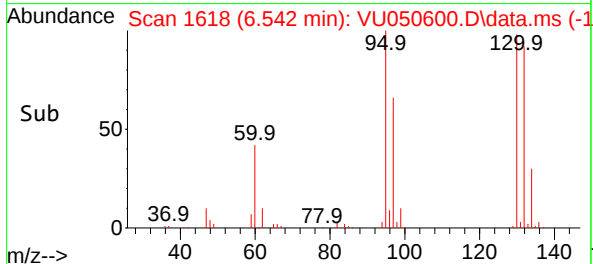
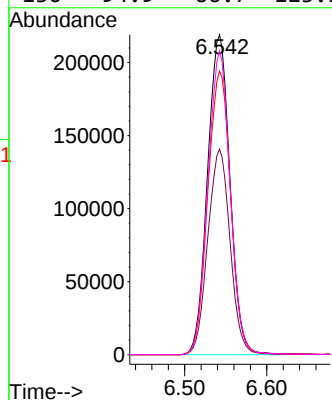
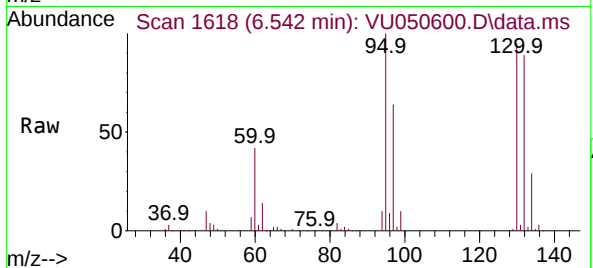
Ion Ratio Lower Upper

95 100

97 64.2 45.4 84.2

132 88.6 65.2 121.2

130 94.9 66.7 123.9



#35

Methylcyclohexane

Concen: 131.826 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. 0.003 min

Lab File: VU050600.D

Acq: 02 Sep 2022 15:17

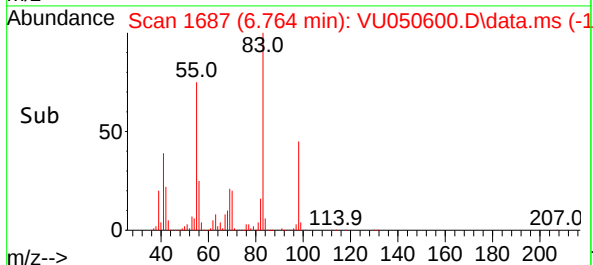
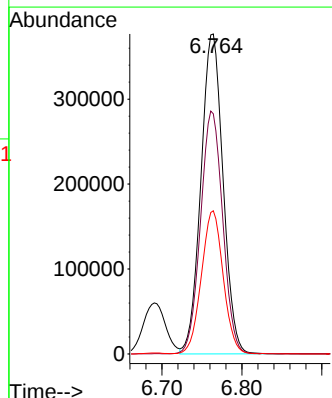
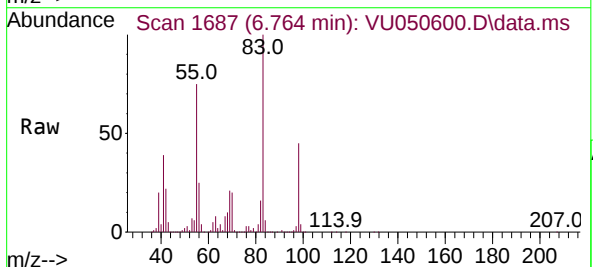
Tgt Ion: 83 Resp: 725657

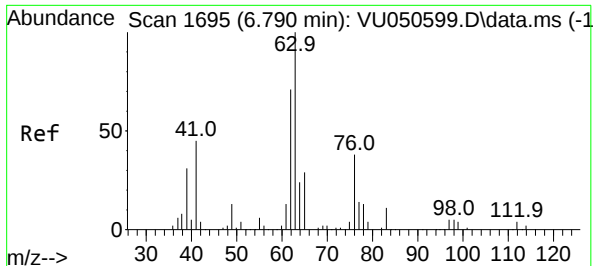
Ion Ratio Lower Upper

83 100

55 75.9 62.6 93.8

98 44.2 35.5 53.3





#37

1,2-Dichloropropane

Concen: 103.420 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU050600.D

Acq: 02 Sep 2022 15:17

Instrument :

MSVOA_U

ClientSampleId :

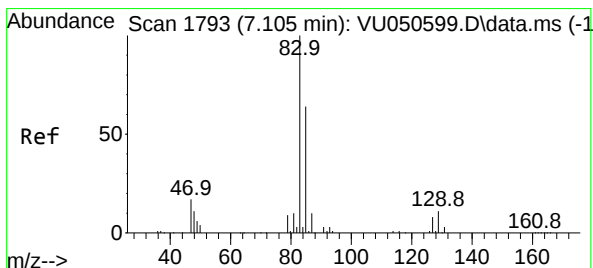
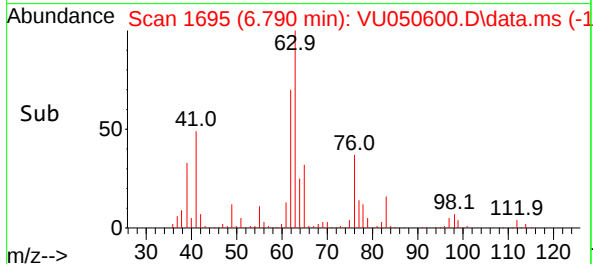
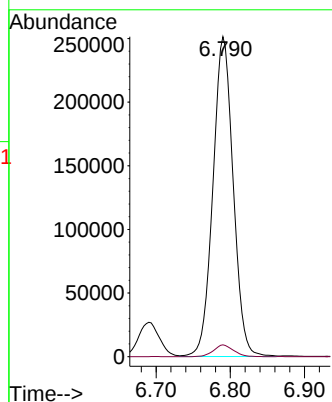
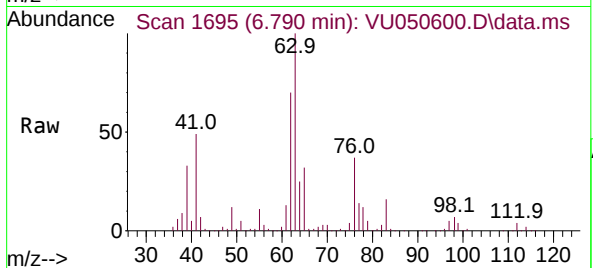
VSTD100022

Tgt Ion: 63 Resp: 476479

Ion Ratio Lower Upper

63 100

112 3.6 3.0 4.4



#38

Bromodichloromethane

Concen: 106.692 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU050600.D

Acq: 02 Sep 2022 15:17

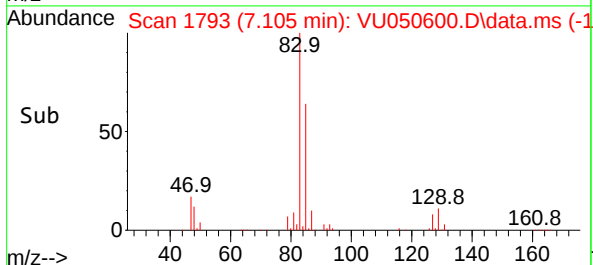
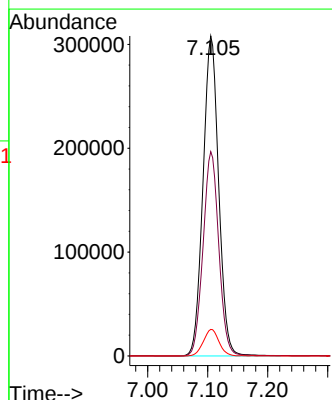
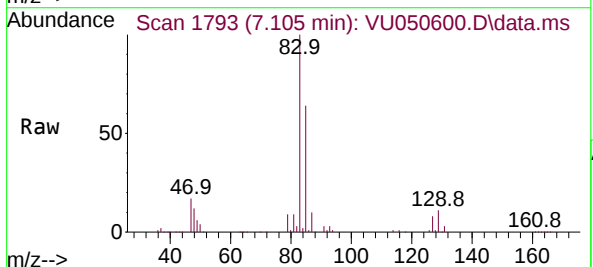
Tgt Ion: 83 Resp: 560701

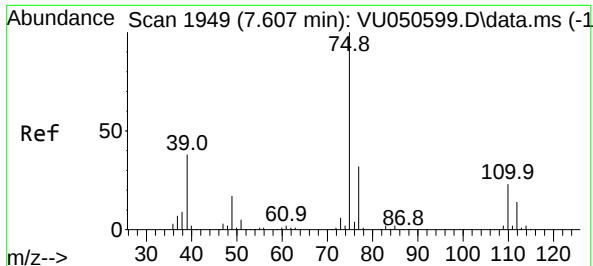
Ion Ratio Lower Upper

83 100

85 63.8 44.9 83.5

127 8.3 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 104.372 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU050600.D

Acq: 02 Sep 2022 15:17

Instrument :

MSVOA_U

ClientSampleId :

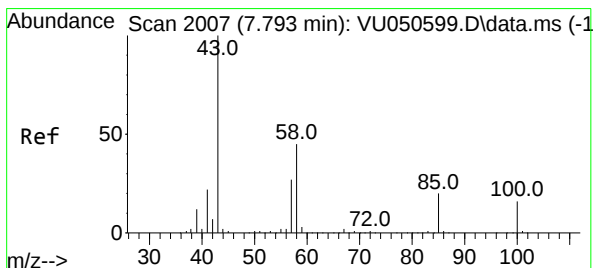
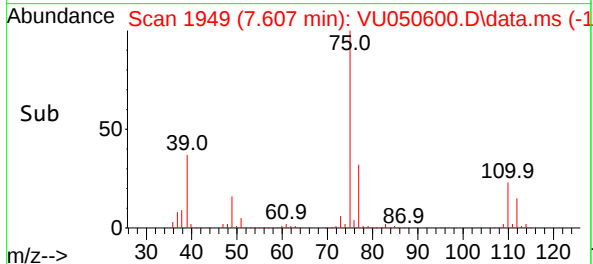
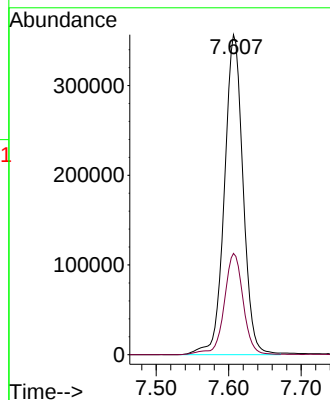
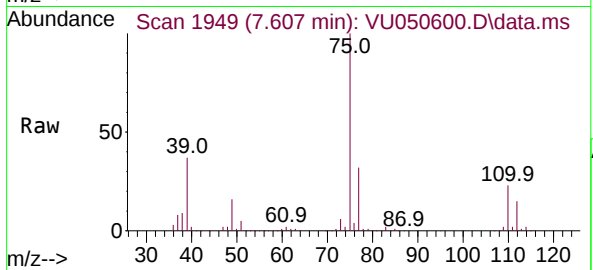
VSTD100022

Tgt Ion: 75 Resp: 637742

Ion Ratio Lower Upper

75 100

77 31.6 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 207.655 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.003 min

Lab File: VU050600.D

Acq: 02 Sep 2022 15:17

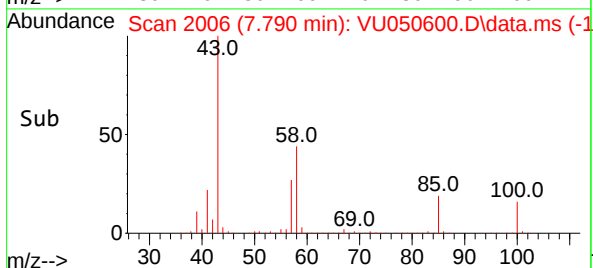
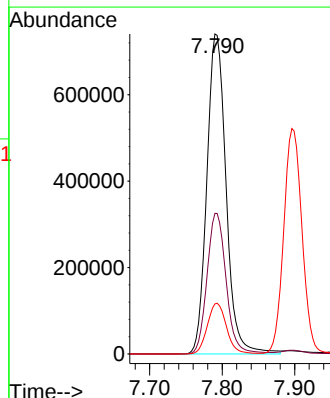
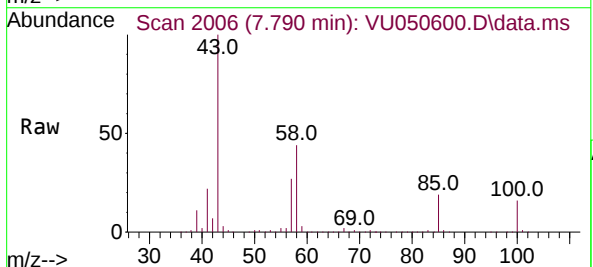
Tgt Ion: 43 Resp: 1366695

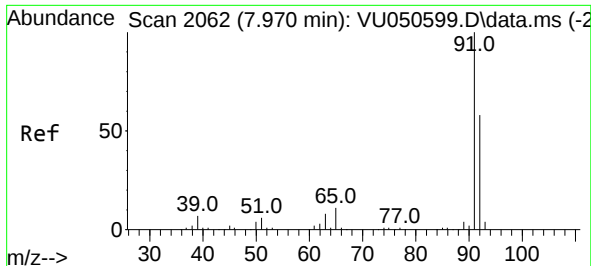
Ion Ratio Lower Upper

43 100

58 43.6 35.1 52.7

100 15.8 12.9 19.3





#42

Toluene

Concen: 114.752 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU050600.D

Acq: 02 Sep 2022 15:17

Instrument :

MSVOA_U

ClientSampleId :

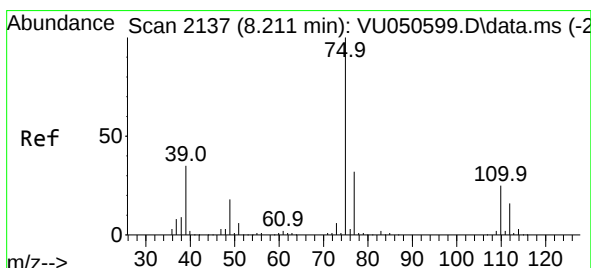
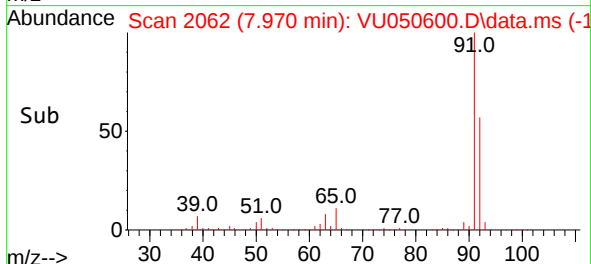
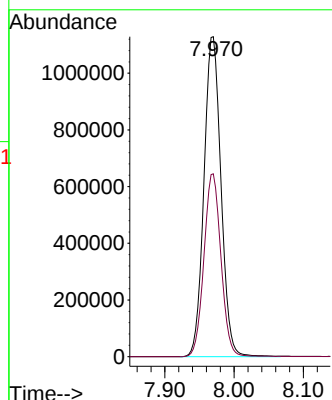
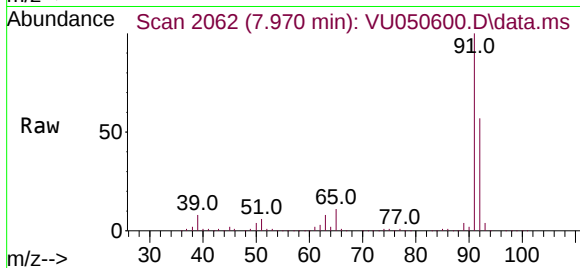
VSTD100022

Tgt Ion: 91 Resp: 1926965

Ion Ratio Lower Upper

91 100

92 57.2 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 111.493 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU050600.D

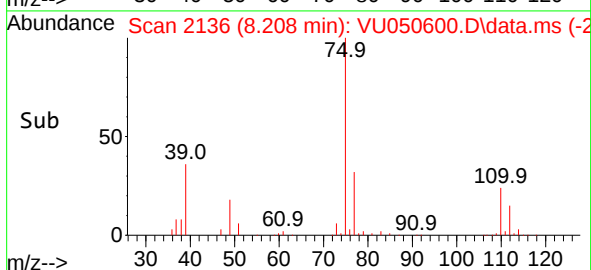
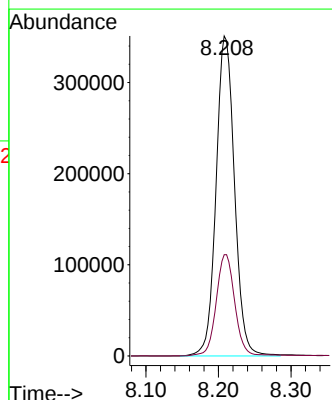
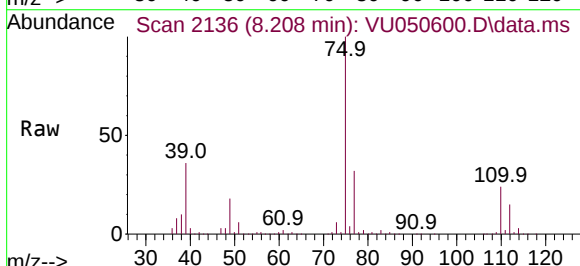
Acq: 02 Sep 2022 15:17

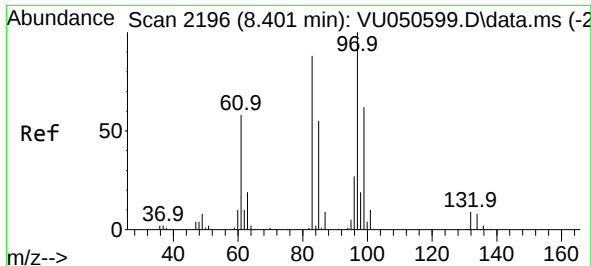
Tgt Ion: 75 Resp: 619684

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1



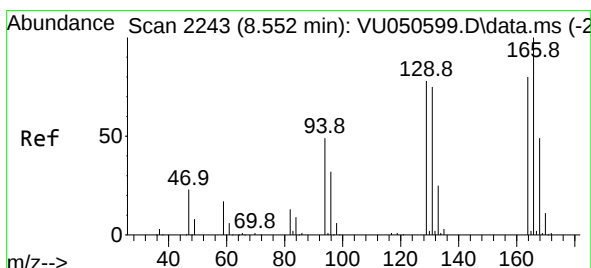
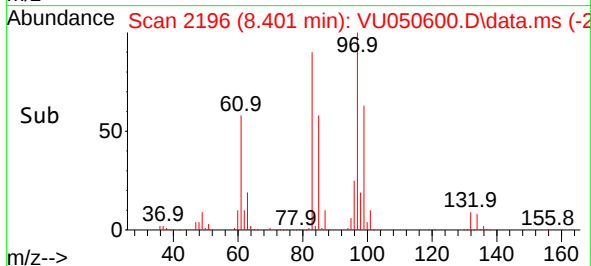
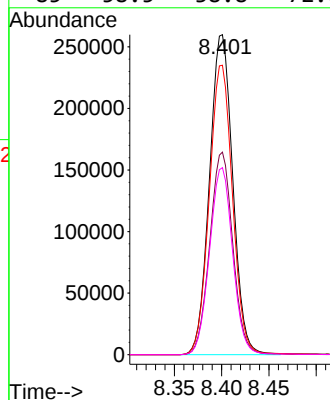
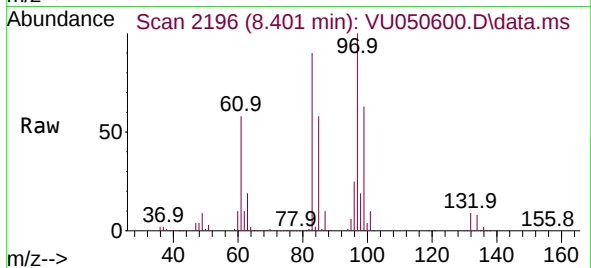


#45
1,1,2-Trichloroethane
Concen: 100.442 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU050600.D
Acq: 02 Sep 2022 15:17

Instrument :
MSVOA_U
ClientSampleId :
VSTD100022

Tgt Ion: 97 Resp: 445207

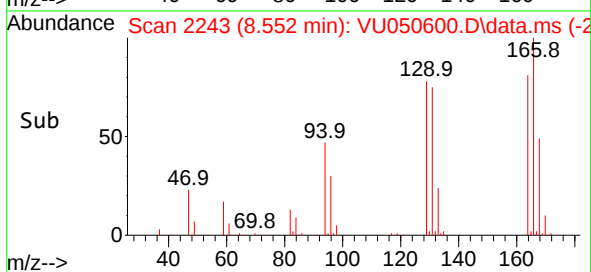
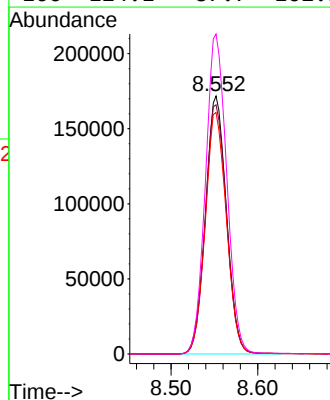
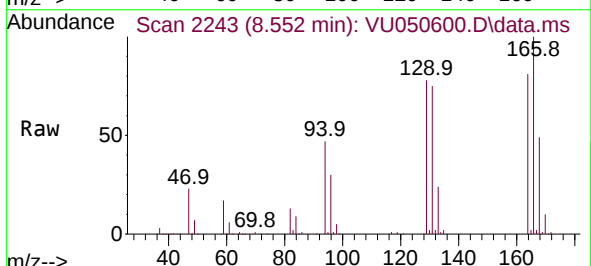
Ion	Ratio	Lower	Upper
97	100		
99	63.3	43.5	80.9
83	90.5	61.6	114.4
85	58.5	38.8	72.0

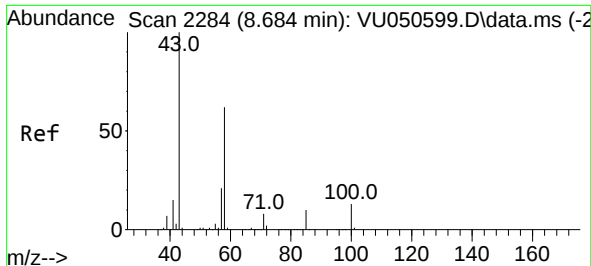


#46
Tetrachloroethene
Concen: 104.448 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU050600.D
Acq: 02 Sep 2022 15:17

Tgt Ion: 164 Resp: 288066

Ion	Ratio	Lower	Upper
164	100		
129	96.6	68.7	127.5
131	93.6	66.2	123.0
166	124.1	87.7	162.9



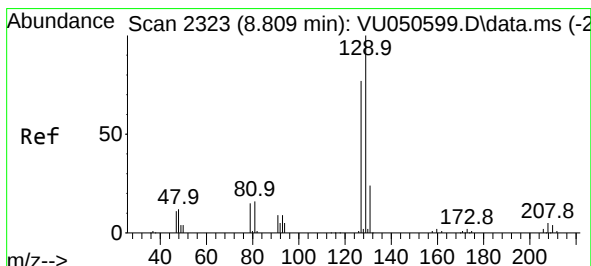
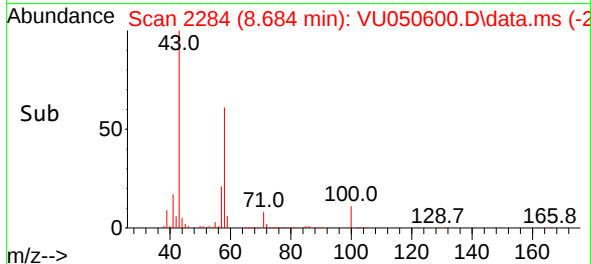
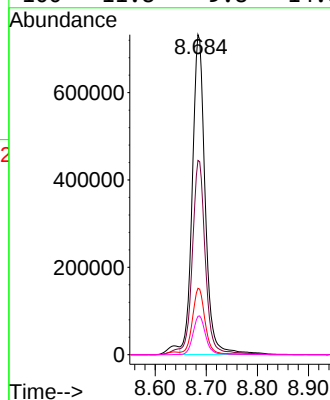
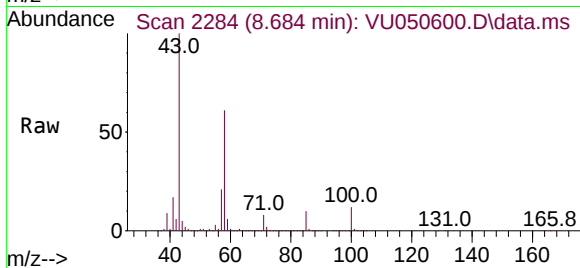


#48
2-Hexanone
Concen: 224.485 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050600.D
Acq: 02 Sep 2022 15:17

Instrument :
MSVOA_U
ClientSampleId :
VSTD100022

Tgt Ion: 43 Resp: 1276396

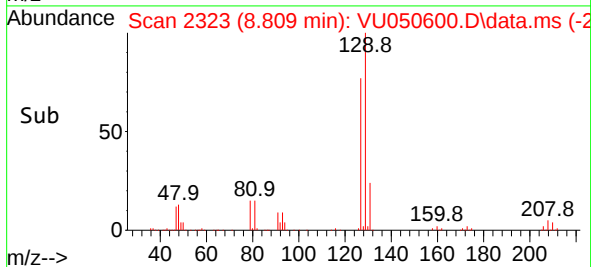
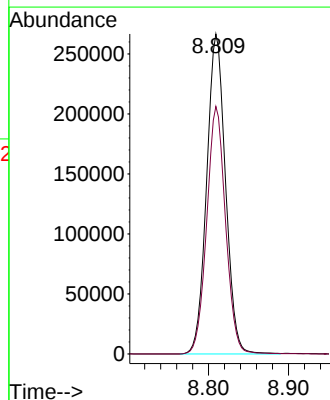
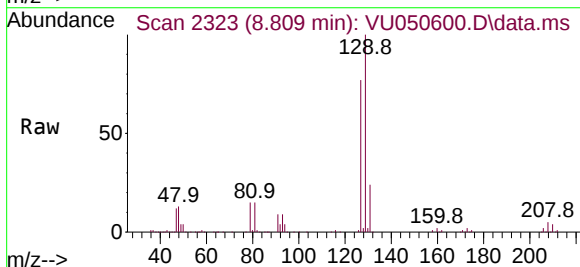
Ion	Ratio	Lower	Upper
43	100		
58	62.5	51.8	77.6
57	19.8	17.0	25.4
100	11.8	9.8	14.8

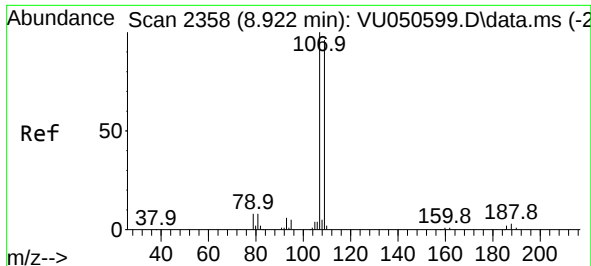


#49
Dibromochloromethane
Concen: 111.458 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU050600.D
Acq: 02 Sep 2022 15:17

Tgt Ion: 129 Resp: 437198

Ion	Ratio	Lower	Upper
129	100		
127	77.3	53.8	100.0

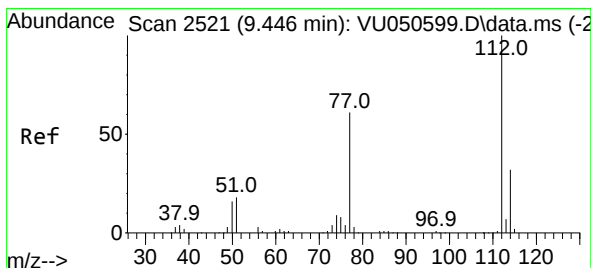
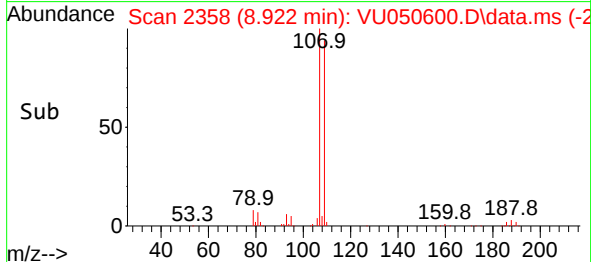
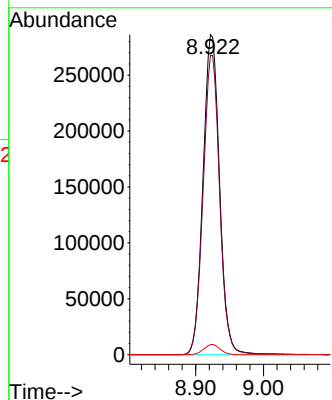
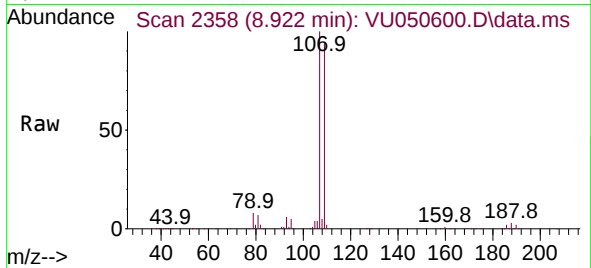




#50
1,2-Dibromoethane
Concen: 105.683 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050600.D
Acq: 02 Sep 2022 15:17

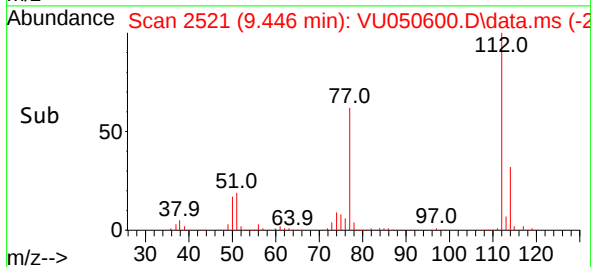
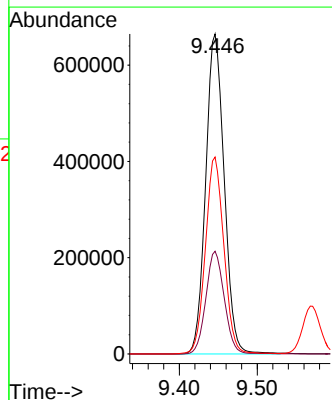
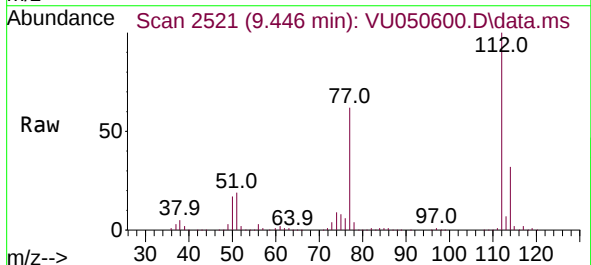
Instrument :
MSVOA_U
ClientSampleId :
VSTD100022

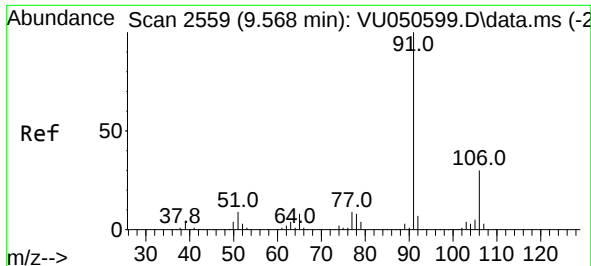
Tgt Ion:107 Resp: 484730
Ion Ratio Lower Upper
107 100
109 93.5 67.5 125.4
188 3.1 2.5 3.7



#51
Chlorobenzene
Concen: 105.146 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU050600.D
Acq: 02 Sep 2022 15:17

Tgt Ion:112 Resp: 1100779
Ion Ratio Lower Upper
112 100
114 32.1 22.1 41.1
77 61.6 49.2 73.8





#52

Ethylbenzene

Concen: 112.382 ug/L

RT: 9.571 min Scan# 2559

Delta R.T. 0.003 min

Lab File: VU050600.D

Acq: 02 Sep 2022 15:17

Instrument :

MSVOA_U

ClientSampleId :

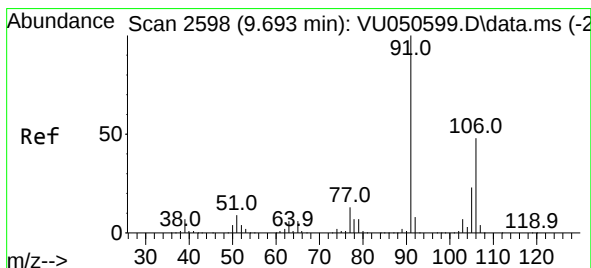
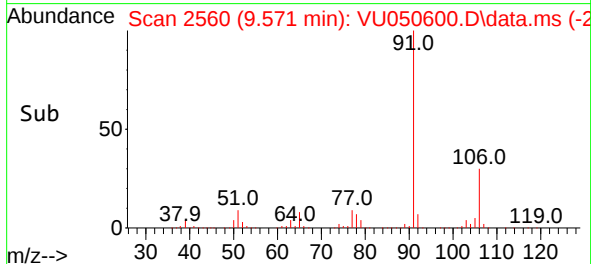
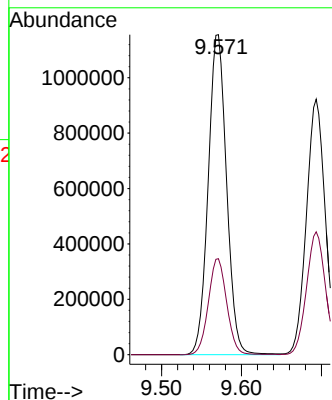
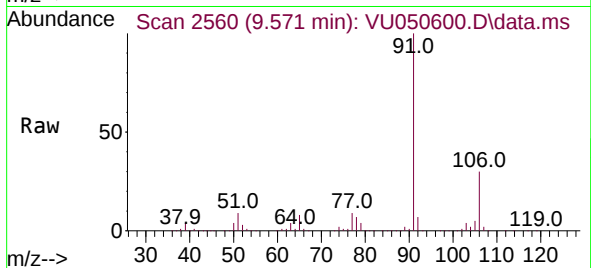
VSTD100022

Tgt Ion: 91 Resp: 1847205

Ion Ratio Lower Upper

91 100

106 30.0 21.2 39.4



#53

m,p-Xylene

Concen: 117.888 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU050600.D

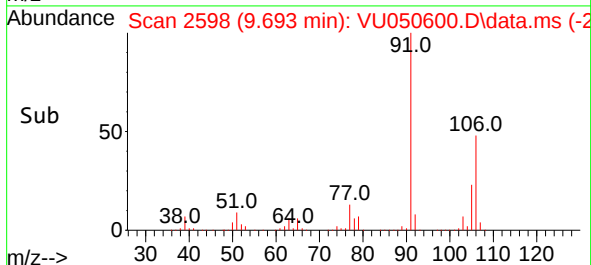
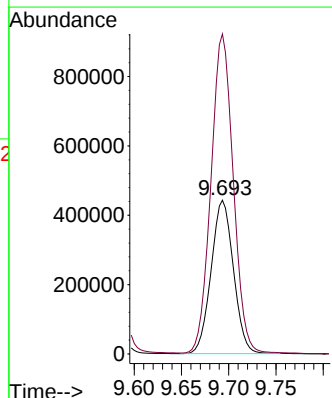
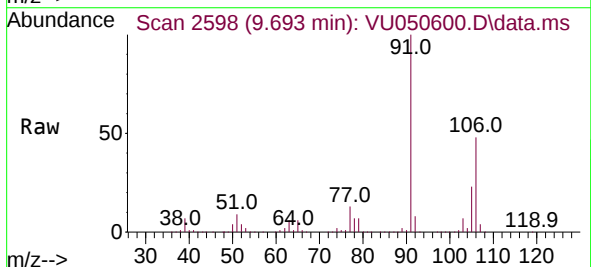
Acq: 02 Sep 2022 15:17

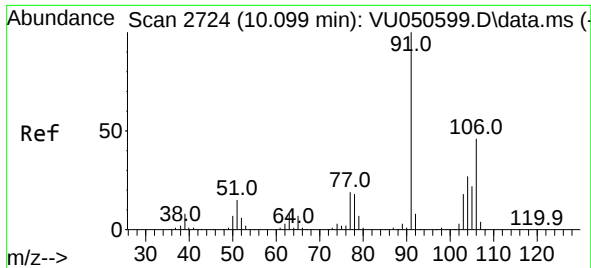
Tgt Ion: 106 Resp: 727006

Ion Ratio Lower Upper

106 100

91 208.1 147.1 273.3

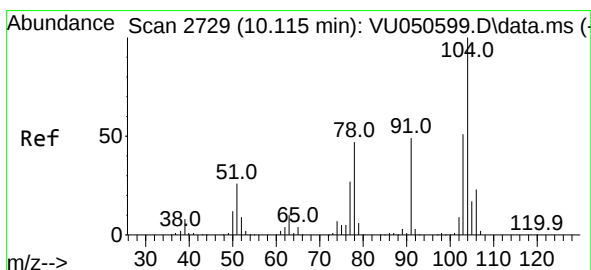
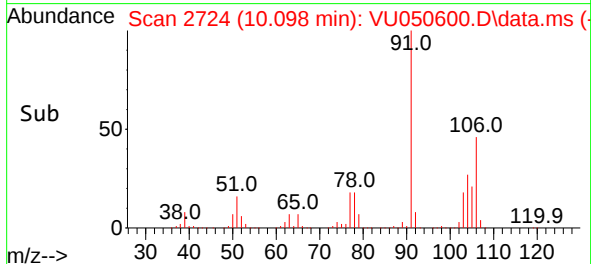
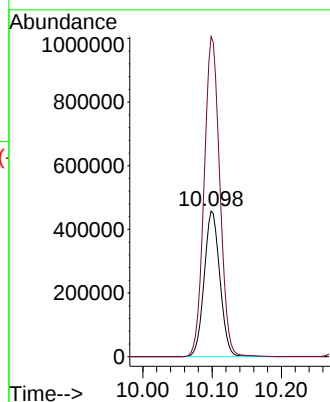
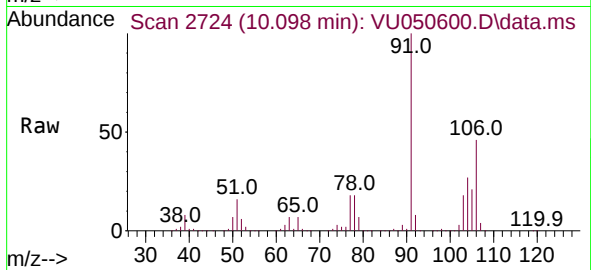




#54
o-Xylene
Concen: 114.893 ug/L
RT: 10.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050600.D
Acq: 02 Sep 2022 15:17

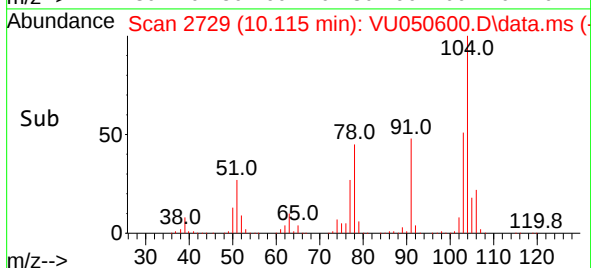
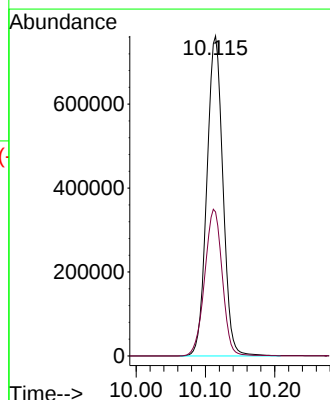
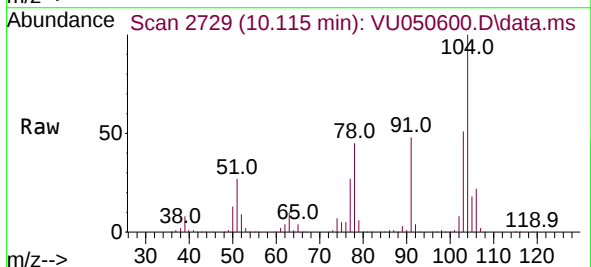
Instrument :
MSVOA_U
ClientSampleId :
VSTD100022

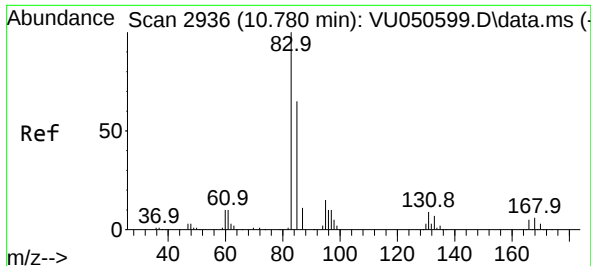
Tgt Ion:106 Resp: 717306
Ion Ratio Lower Upper
106 100
91 219.7 153.4 284.8



#55
Styrene
Concen: 118.308 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU050600.D
Acq: 02 Sep 2022 15:17

Tgt Ion:104 Resp: 1224594
Ion Ratio Lower Upper
104 100
78 45.0 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 98.354 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU050600.D

Acq: 02 Sep 2022 15:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD100022

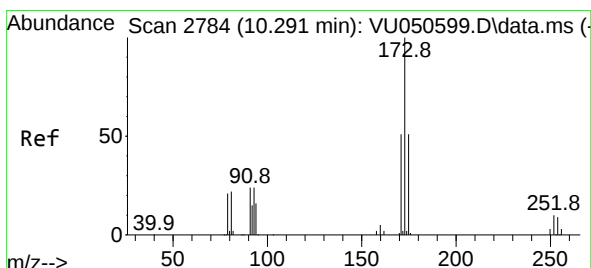
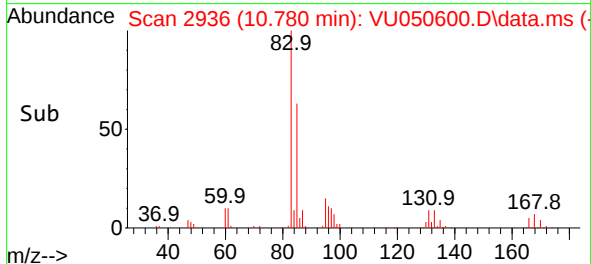
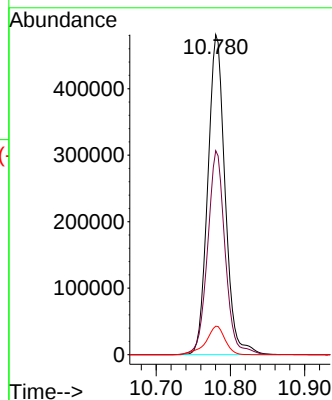
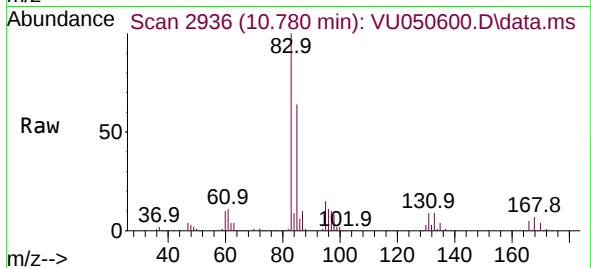
Tgt Ion: 83 Resp: 776089

Ion Ratio Lower Upper

83 100

85 63.7 45.5 84.5

131 8.9 7.7 11.5



#59

Bromoform

Concen: 120.005 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU050600.D

Acq: 02 Sep 2022 15:17

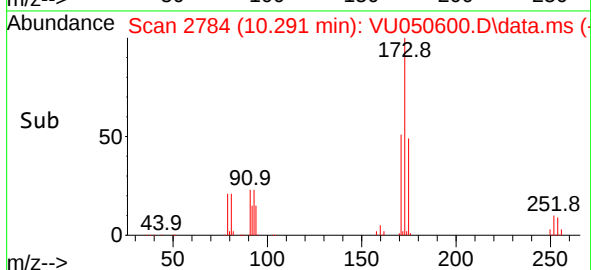
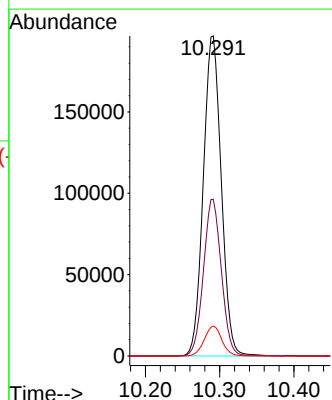
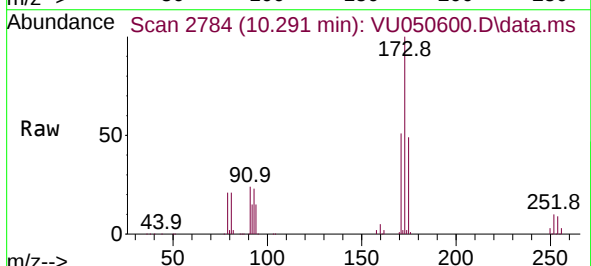
Tgt Ion: 173 Resp: 330176

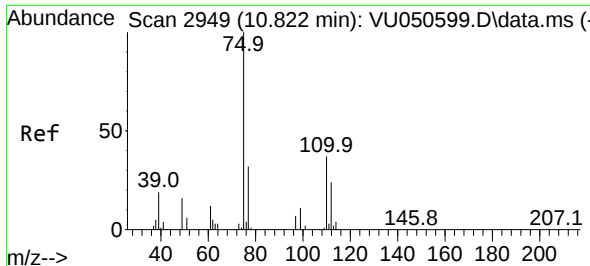
Ion Ratio Lower Upper

173 100

175 48.6 40.0 60.0

254 9.1 7.4 11.0

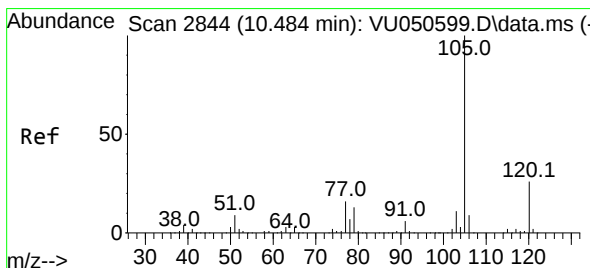
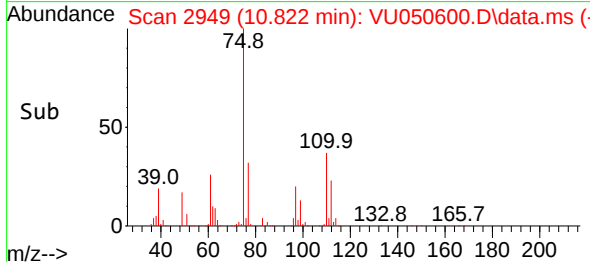
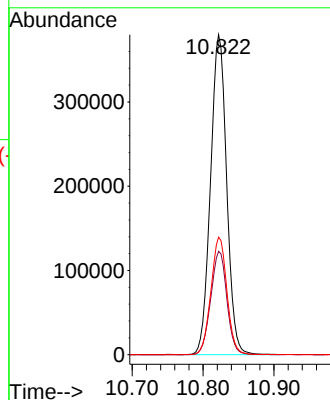
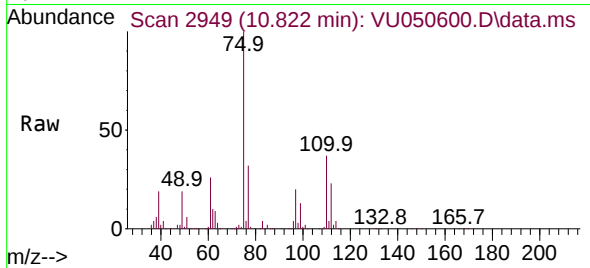




#60
1,2,3-Trichloropropane
Concen: 99.378 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU050600.D
Acq: 02 Sep 2022 15:17

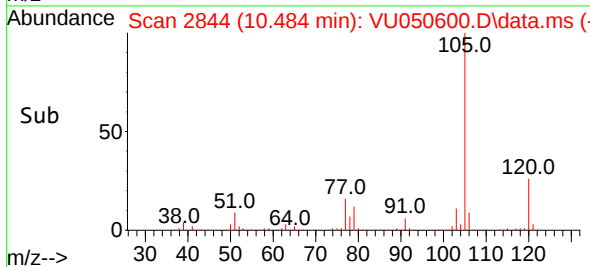
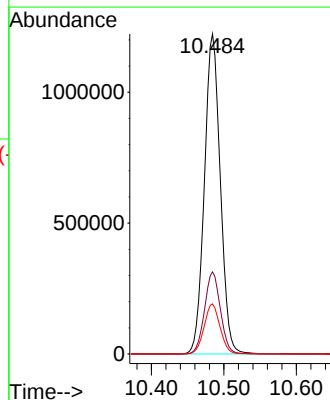
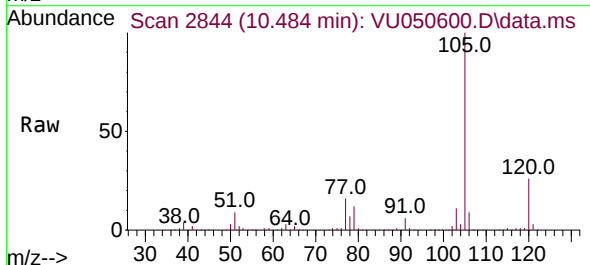
Instrument :
MSVOA_U
ClientSampleId :
VSTD100022

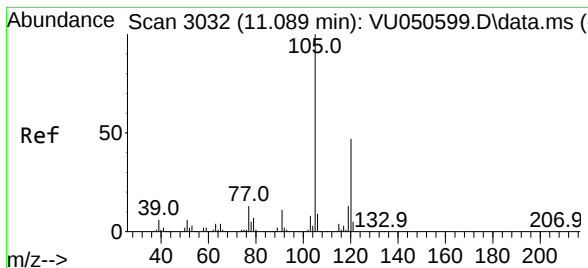
Tgt Ion: 75 Resp: 600729
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
110 36.4 29.3 43.9



#61
Isopropylbenzene
Concen: 126.570 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU050600.D
Acq: 02 Sep 2022 15:17

Tgt Ion: 105 Resp: 1863791
Ion Ratio Lower Upper
105 100
120 25.6 20.4 30.6
77 15.6 12.8 19.2

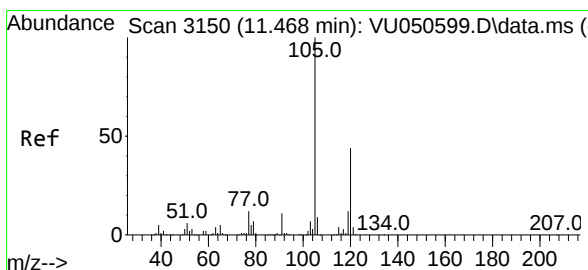
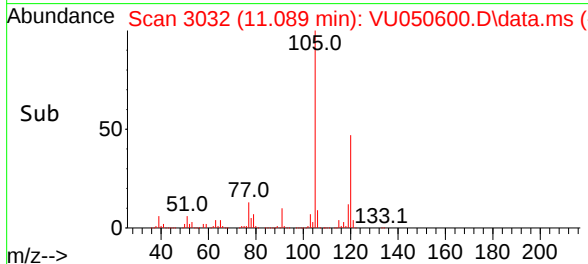
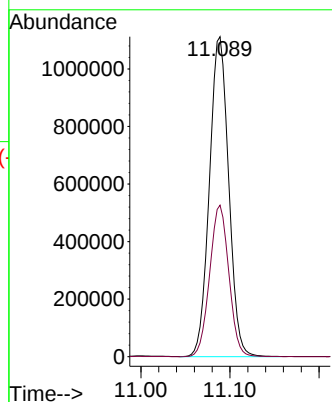
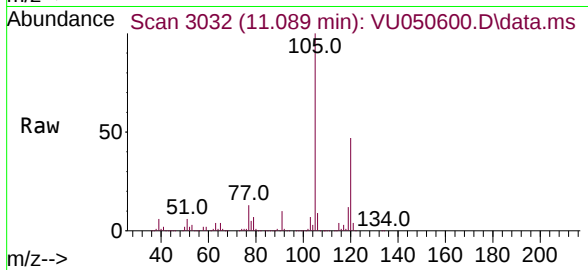




#62
1,3,5-Trimethylbenzene
Concen: 136.645 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU050600.D
Acq: 02 Sep 2022 15:17

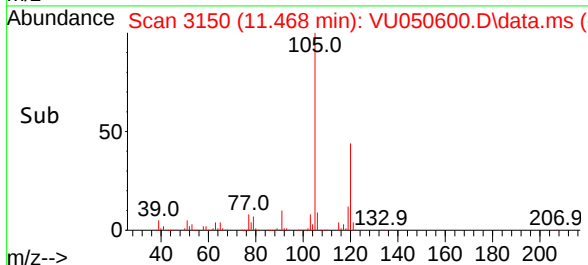
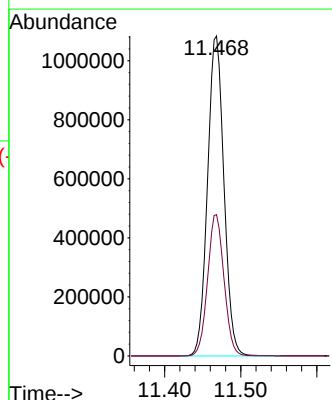
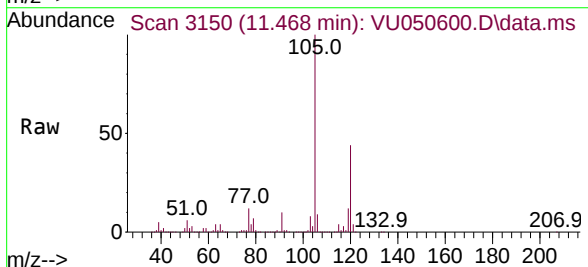
Instrument :
MSVOA_U
ClientSampleId :
VSTD100022

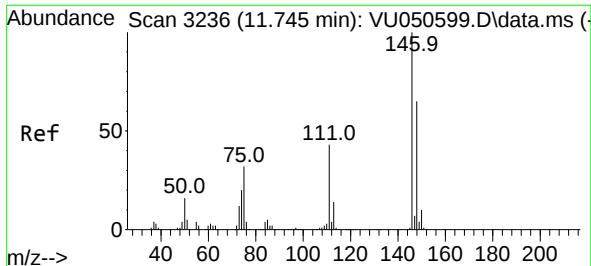
Tgt Ion:105 Resp: 1665411
Ion Ratio Lower Upper
105 100
120 47.1 37.7 56.5



#63
1,2,4-Trimethylbenzene
Concen: 137.448 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU050600.D
Acq: 02 Sep 2022 15:17

Tgt Ion:105 Resp: 1623126
Ion Ratio Lower Upper
105 100
120 44.2 35.3 52.9

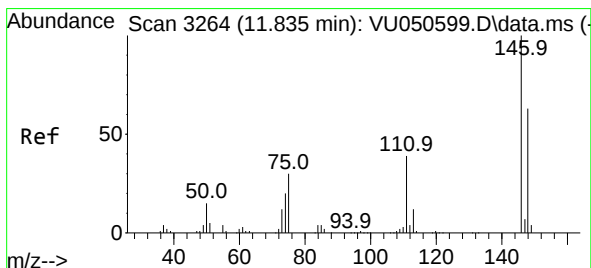
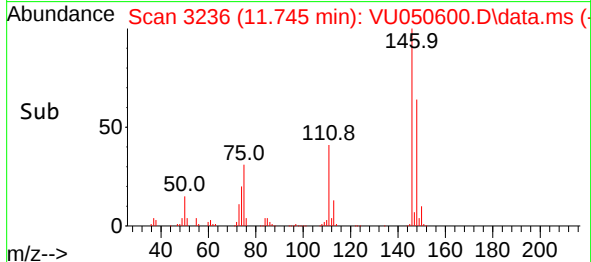
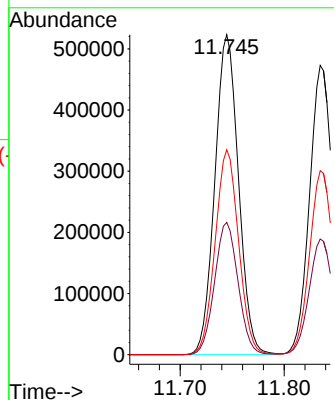
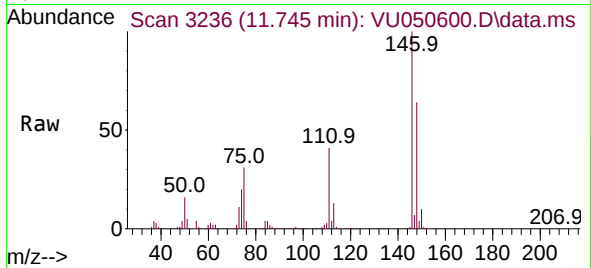




#64
1,3-Dichlorobenzene
Concen: 118.818 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU050600.D
Acq: 02 Sep 2022 15:17

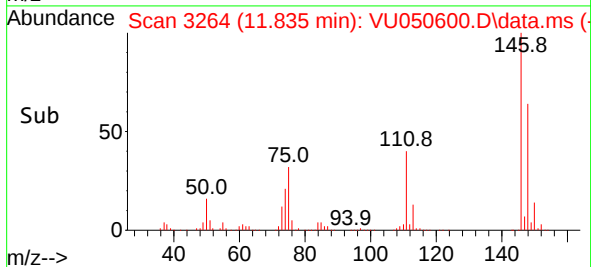
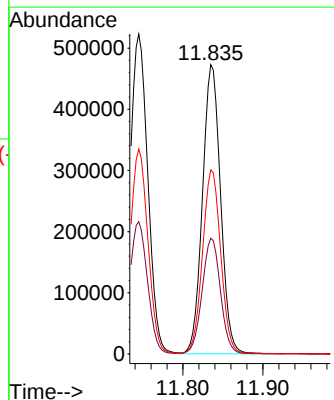
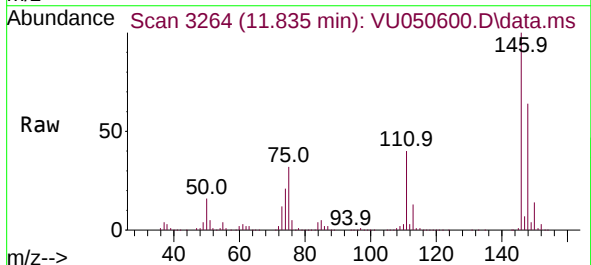
Instrument :
MSVOA_U
ClientSampleId :
VSTD100022

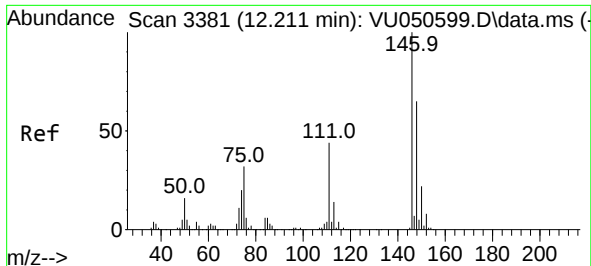
Tgt Ion:146 Resp: 827491
Ion Ratio Lower Upper
146 100
111 41.4 29.9 55.5
148 64.0 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 105.324 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU050600.D
Acq: 02 Sep 2022 15:17

Tgt Ion:146 Resp: 745763
Ion Ratio Lower Upper
146 100
111 40.0 27.9 51.7
148 63.6 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 101.996 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU050600.D

Acq: 02 Sep 2022 15:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD100022

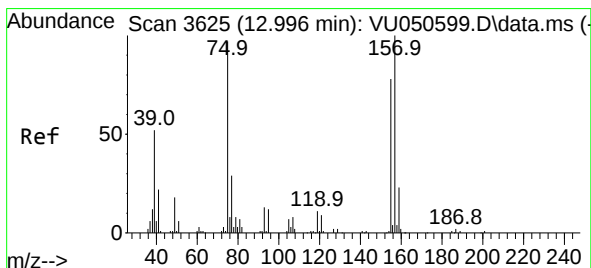
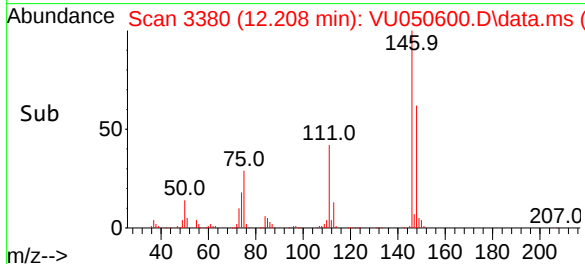
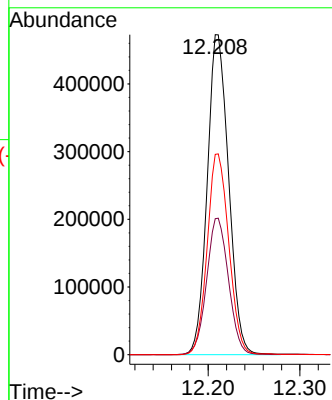
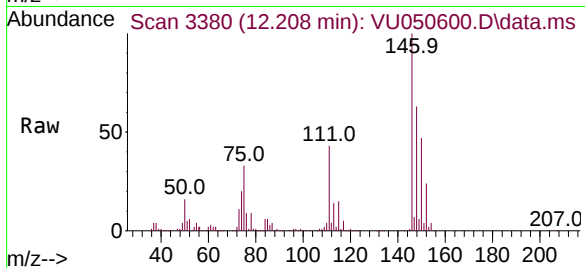
Tgt Ion:146 Resp: 765656

Ion Ratio Lower Upper

146 100

111 42.5 35.1 52.7

148 62.6 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 115.086 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU050600.D

Acq: 02 Sep 2022 15:17

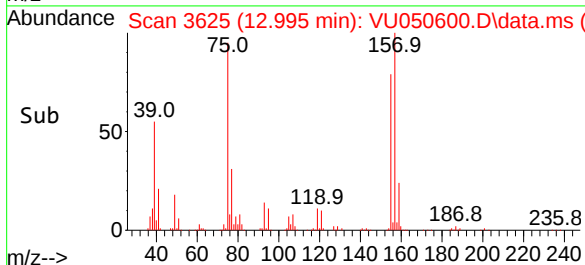
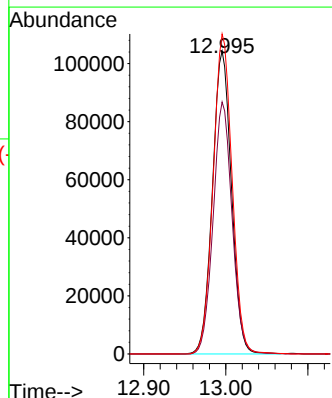
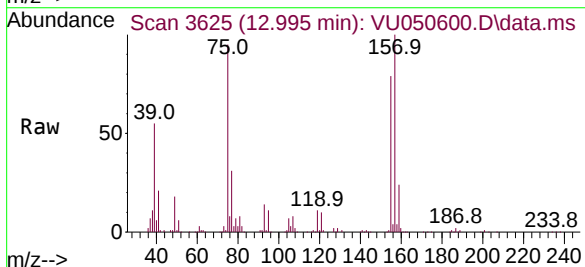
Tgt Ion: 75 Resp: 168518

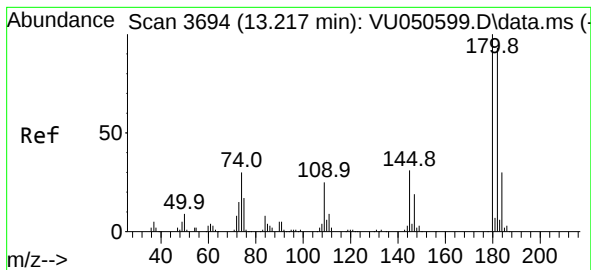
Ion Ratio Lower Upper

75 100

155 83.2 67.8 101.6

157 105.6 82.6 124.0





#69

1,3,5-Trichlorobenzene

Concen: 120.051 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. -0.000 min

Lab File: VU050600.D

Acq: 02 Sep 2022 15:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD100022

Tgt Ion:180 Resp: 582539

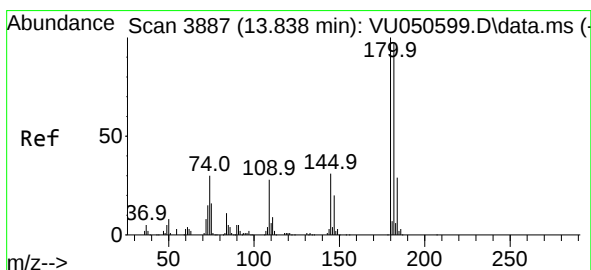
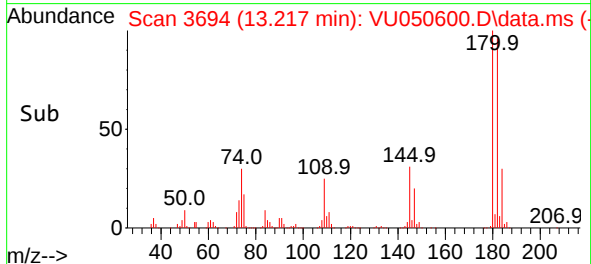
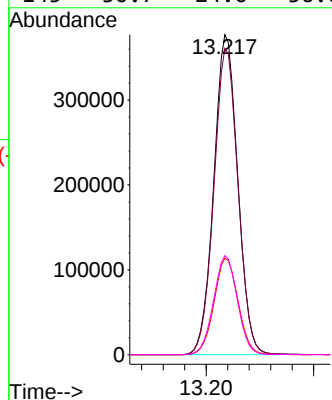
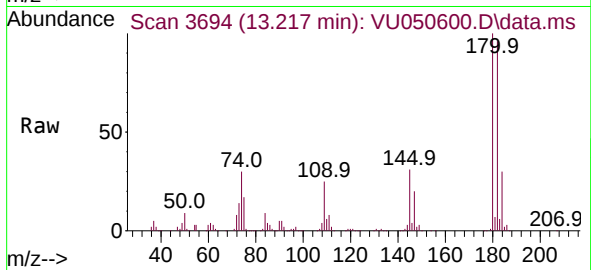
Ion Ratio Lower Upper

180 100

182 96.4 75.3 112.9

184 30.3 23.8 35.8

145 30.7 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 111.446 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.000 min

Lab File: VU050600.D

Acq: 02 Sep 2022 15:17

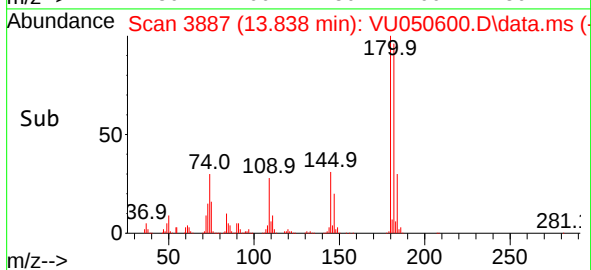
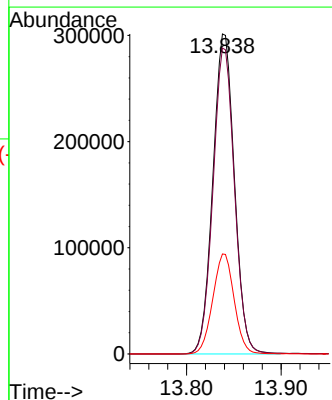
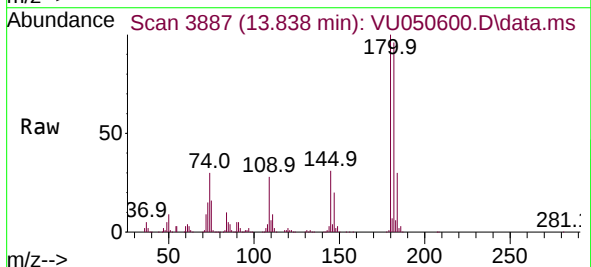
Tgt Ion:180 Resp: 476866

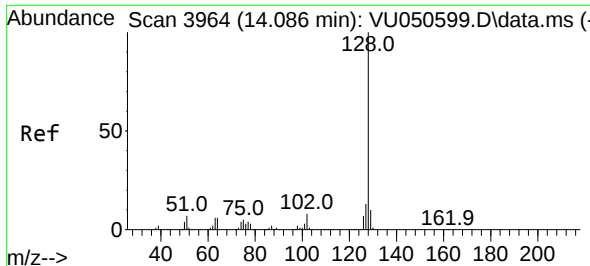
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

145 31.1 24.7 37.1

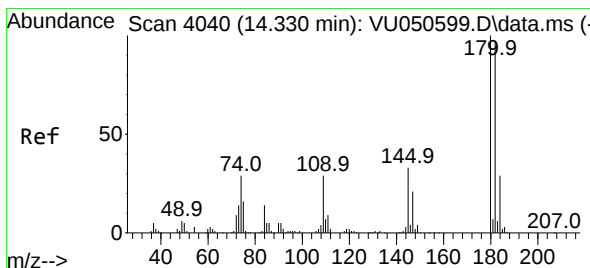
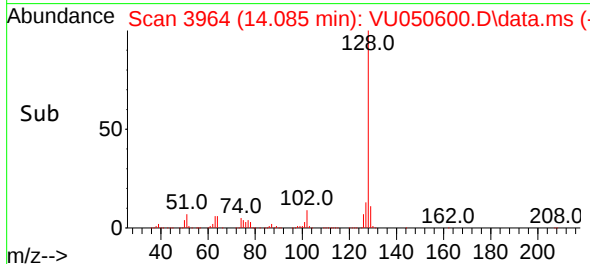
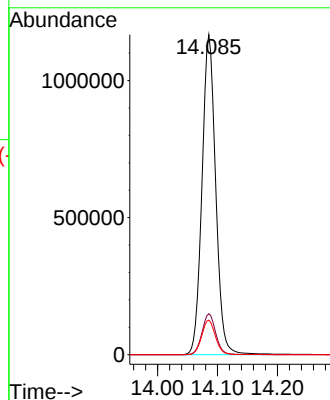
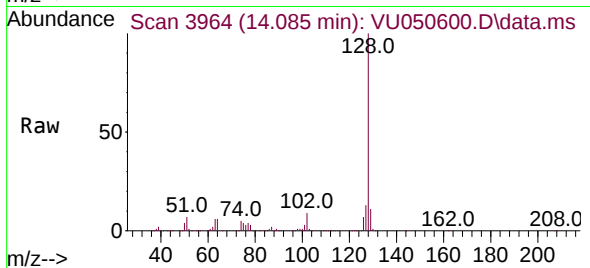




#71
Naphthalene
Concen: 108.147 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU050600.D
Acq: 02 Sep 2022 15:17

Instrument :
MSVOA_U
ClientSampleId :
VSTD100022

Tgt Ion:128 Resp: 1859622
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.8 8.4 12.6



#72
1,2,3-Trichlorobenzene
Concen: 112.412 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU050600.D
Acq: 02 Sep 2022 15:17

Tgt Ion:180 Resp: 550220
Ion Ratio Lower Upper
180 100
182 95.9 76.1 114.1
145 33.1 26.4 39.6

