

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072722\
 Data File : VU049951.D
 Acq On : 27 Jul 2022 16:00
 Operator : SY/MD
 Sample : VSTD0.544
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5044

Quant Time: Jul 28 03:11:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 28 03:10:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	101031	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	96880	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	40101	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	4009	0.451	ug/L	0.00
7) Chloroethane-d5	1.909	69	3018	0.499	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.559	65	1291	0.370	ug/L	0.00
20) 2-Butanone-d5	4.636	46	7773	3.357	ug/L	0.00
24) Chloroform-d	5.063	84	6743	0.482	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	3625	0.481	ug/L	0.00
32) Benzene-d6	5.726	84	12936	0.441	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	4324	0.440	ug/L	0.00
41) Toluene-d8	7.899	98	10880	0.413	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	1133	0.268	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	3848	2.272	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	3629	0.452	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	3775	0.495	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	3354	0.391	ug/L	98
3) Chloromethane	1.520	50	5017	0.535	ug/L	96
5) Vinyl chloride	1.604	62	3732	0.435	ug/L	93
6) Bromomethane	1.855	94	2368	0.507	ug/L	87
8) Chloroethane	1.932	64	2292	0.461	ug/L	93
9) Trichlorofluoromethane	2.137	101	4387	0.435	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	2620	0.440	ug/L	98
12) 1,1-Dichloroethene	2.578	96	2309	0.405	ug/L	86
13) Acetone	2.633	43	8846	7.527	ug/L	99
14) Carbon disulfide	2.790	76	9397	0.515	ug/L	99
15) Methyl Acetate	2.961	43	1167	0.383	ug/L #	73
16) Methylene chloride	3.044	84	4876	0.631	ug/L	91
17) Methyl tert-butyl Ether	3.366	73	6345	0.378	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	2683	0.428	ug/L	97
19) 1,1-Dichloroethane	3.867	63	5551	0.447	ug/L	98
21) 2-Butanone	4.719	43	7644	3.481	ug/L	90
22) cis-1,2-Dichloroethene	4.668	96	3094	0.433	ug/L	98
23) Bromochloromethane	4.973	128	1403	0.454	ug/L	91
25) Chloroform	5.089	83	7403	0.584	ug/L	100
27) 1,2-Dichloroethane	5.796	62	3632	0.447	ug/L	100
29) 1,1,1-Trichloroethane	5.317	97	4397	0.387	ug/L	99
30) Cyclohexane	5.385	56	3255	0.262	ug/L	96
31) Carbon tetrachloride	5.530	117	3624	0.382	ug/L	97
33) Benzene	5.777	78	12063	0.420	ug/L	100
34) Trichloroethene	6.542	95	2978	0.410	ug/L	94
35) Methylcyclohexane	6.764	83	3355	0.284	ug/L	95
37) 1,2-Dichloropropane	6.793	63	3480	0.440	ug/L #	94
38) Bromodichloromethane	7.108	83	4102	0.427	ug/L	95
39) cis-1,3-Dichloropropene	7.607	75	4101	0.354	ug/L	94
40) 4-Methyl-2-pentanone	7.793	43	17458	3.095	ug/L	98
42) Toluene	7.970	91	11482	0.378	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	3403	0.338	ug/L	96

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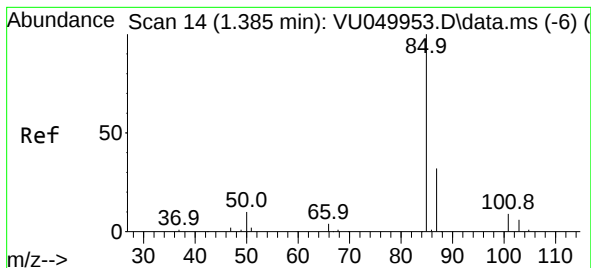
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5044

Quant Time: Jul 28 03:11:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.398	97	2574	0.458	ug/L	97
47) Tetrachloroethene	8.555	164	2256	0.448	ug/L	96
48) 2-Hexanone	8.687	43	13873	3.409	ug/L	96
49) Dibromochloromethane	8.809	129	2647	0.418	ug/L	88
50) 1,2-Dibromoethane	8.928	107	2179	0.426	ug/L #	97
51) Chlorobenzene	9.446	112	8080	0.435	ug/L	97
52) Ethylbenzene	9.571	91	10899	0.336	ug/L	100
53) m,p-Xylene	9.693	106	4022	0.333	ug/L	97
54) o-Xylene	10.099	106	3480	0.290	ug/L	83
55) Styrene	10.115	104	6035	0.299	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.783	83	3269	0.441	ug/L	89
59) Bromoform	10.291	173	1535	0.508	ug/L #	83
60) Isopropylbenzene	10.484	105	9445	0.356	ug/L	97
61) 1,2,3-Trichloropropane	10.822	75	2249	0.498	ug/L	95
62) 1,3,5-Trimethylbenzene	11.089	105	7692	0.334	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	7126	0.314	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	5107	0.440	ug/L	95
65) 1,4-Dichlorobenzene	11.835	146	5208	0.454	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	5100	0.459	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	381	0.323	ug/L #	73
69) 1,3,5-Trichlorobenzene	13.221	180	3754	0.439	ug/L	97
70) 1,2,4-trichlorobenzene	13.844	180	3136	0.461	ug/L	94
71) Naphthalene	14.089	128	5861	0.436	ug/L	96
72) 1,2,3-Trichlorobenzene	14.330	180	2998	0.464	ug/L	98

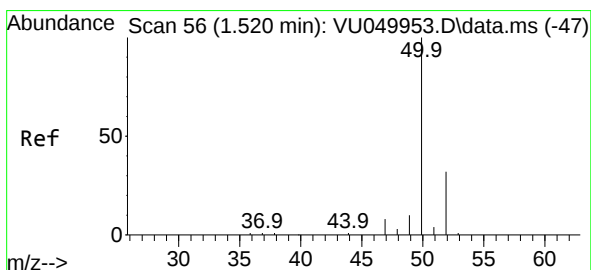
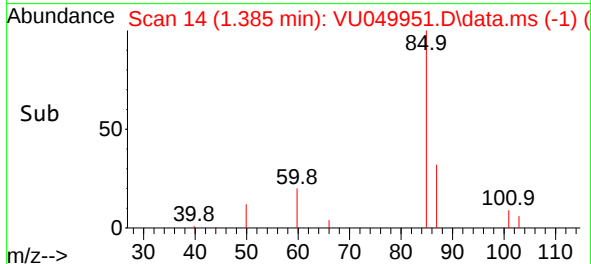
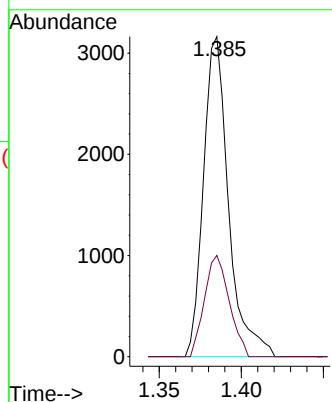
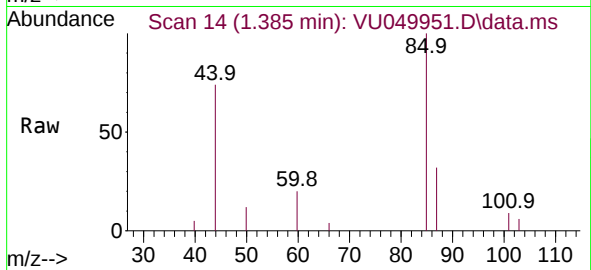
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.391 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049951.D
Acq: 27 Jul 2022 16:00

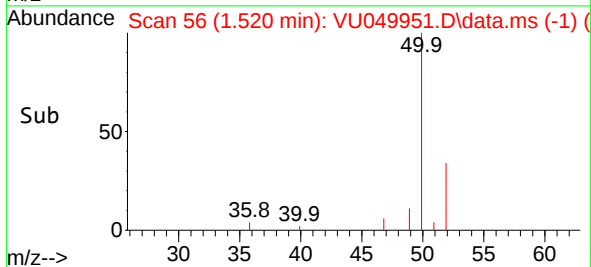
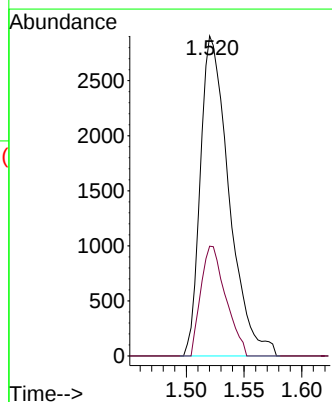
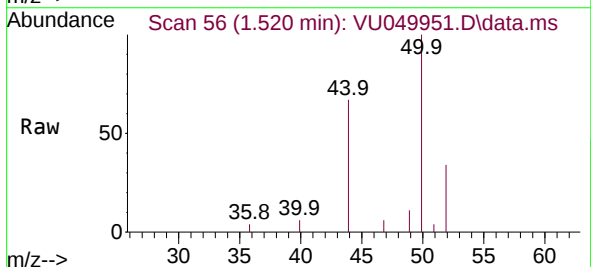
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5044

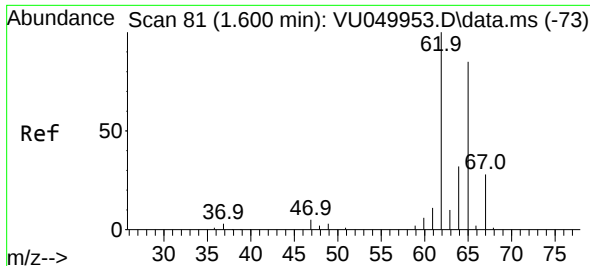
Tgt Ion: 85 Resp: 3354
Ion Ratio Lower Upper
85 100
87 31.2 25.7 38.5



#3
Chloromethane
Concen: 0.535 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049951.D
Acq: 27 Jul 2022 16:00

Tgt Ion: 50 Resp: 5017
Ion Ratio Lower Upper
50 100
52 34.3 22.4 41.6

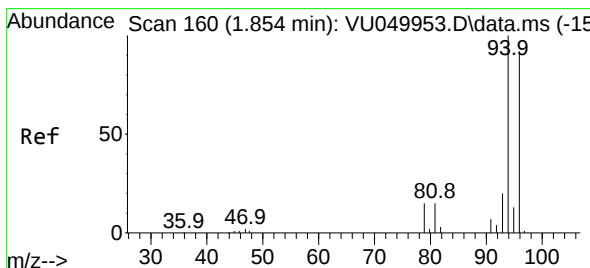
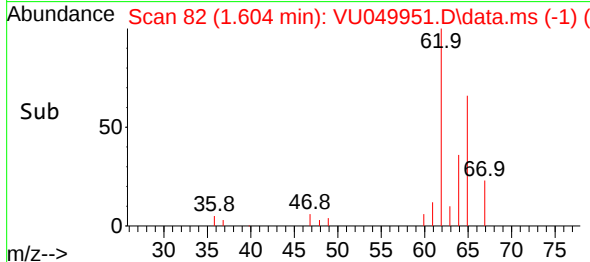
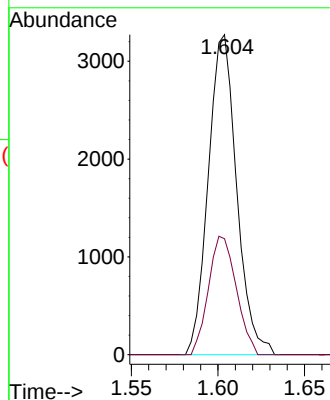
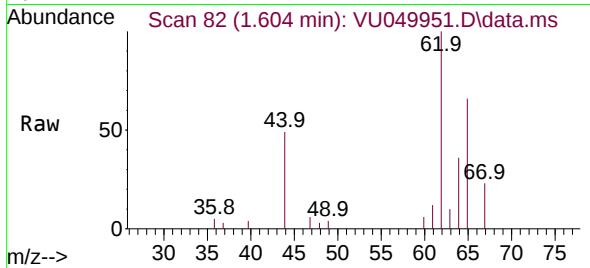




#5
 Vinyl chloride
 Concen: 0.435 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU049951.D
 Acq: 27 Jul 2022 16:00

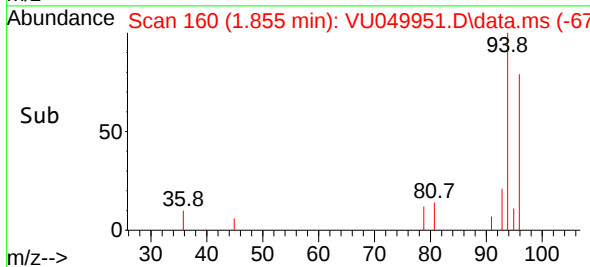
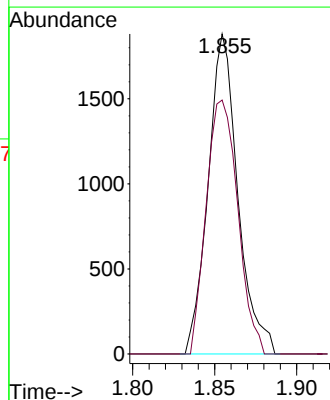
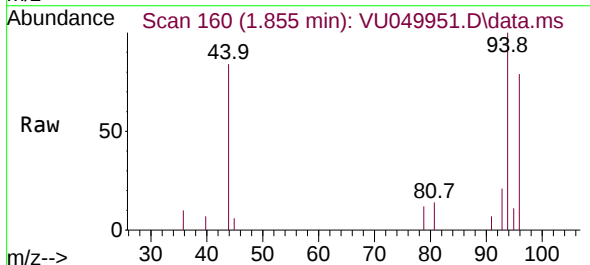
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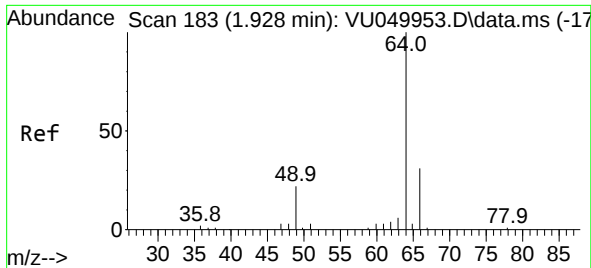
Tgt Ion: 62 Resp: 3732
 Ion Ratio Lower Upper
 62 100
 64 36.2 22.5 41.9



#6
 Bromomethane
 Concen: 0.507 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VU049951.D
 Acq: 27 Jul 2022 16:00

Tgt Ion: 94 Resp: 2368
 Ion Ratio Lower Upper
 94 100
 96 79.4 64.5 119.9

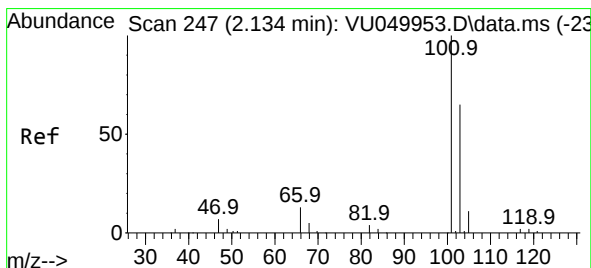
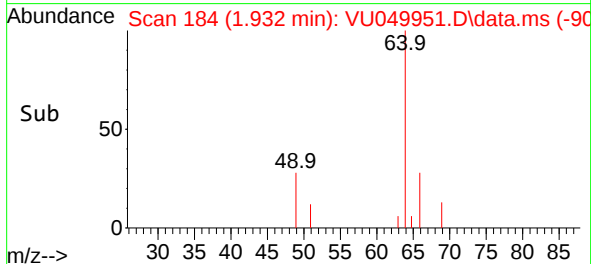
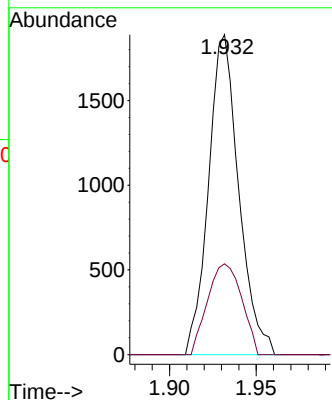
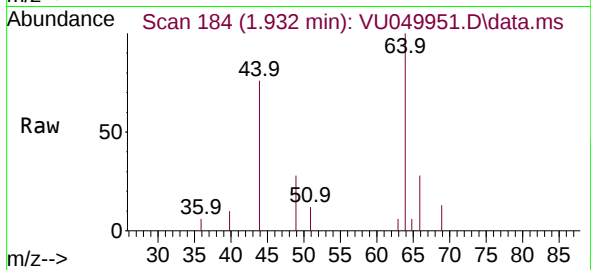




#8
Chloroethane
Concen: 0.461 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049951.D
Acq: 27 Jul 2022 16:00

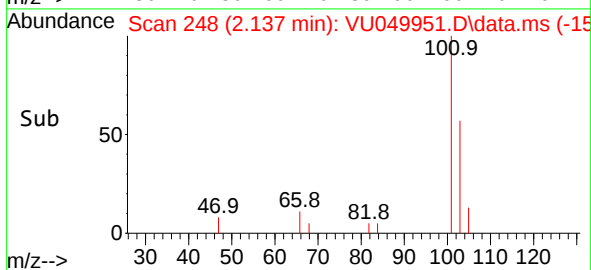
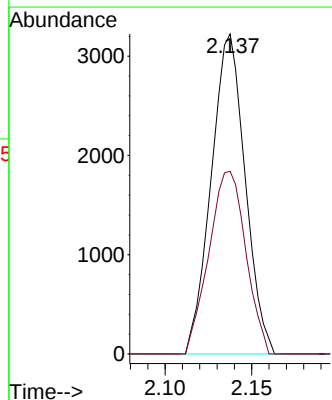
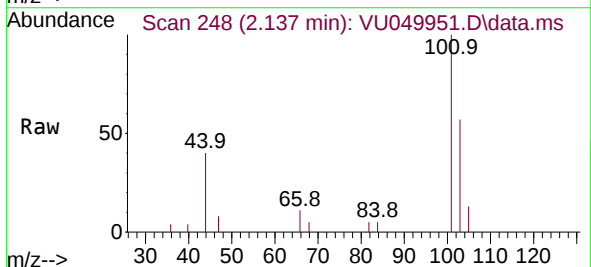
Instrument :
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ClientSampleId :
VSTD0.5044

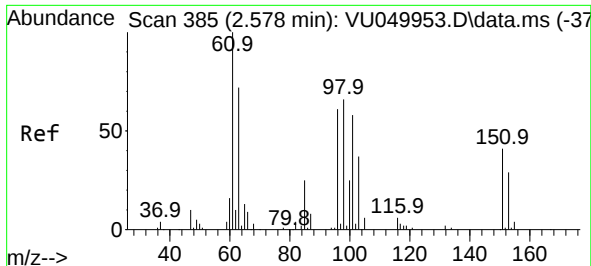
Tgt Ion: 64 Resp: 2292
Ion Ratio Lower Upper
64 100
66 26.8 21.4 39.8



#9
Trichlorofluoromethane
Concen: 0.435 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU049951.D
Acq: 27 Jul 2022 16:00

Tgt Ion:101 Resp: 4387
Ion Ratio Lower Upper
101 100
103 62.0 51.0 76.6

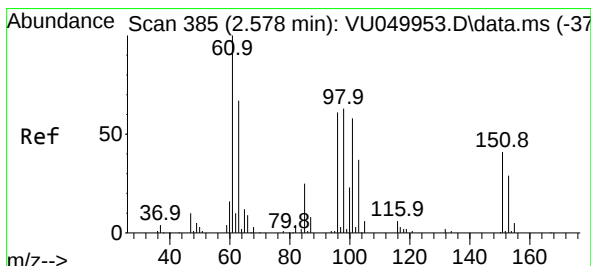
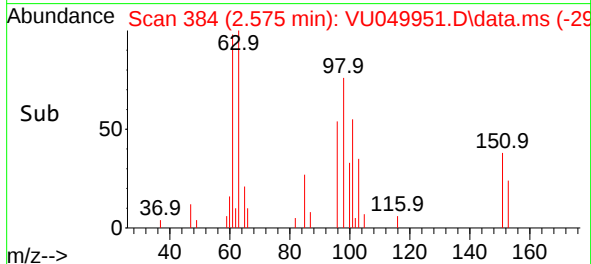
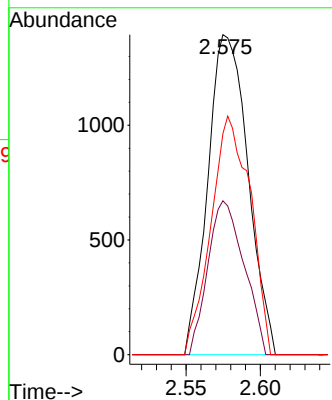
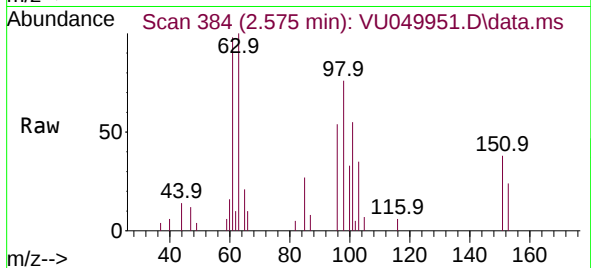




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.440 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU049951.D
Acq: 27 Jul 2022 16:00

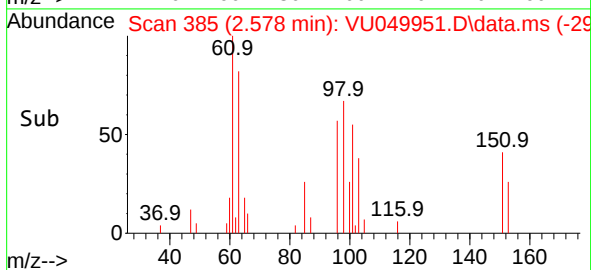
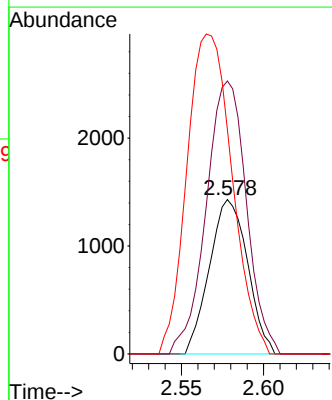
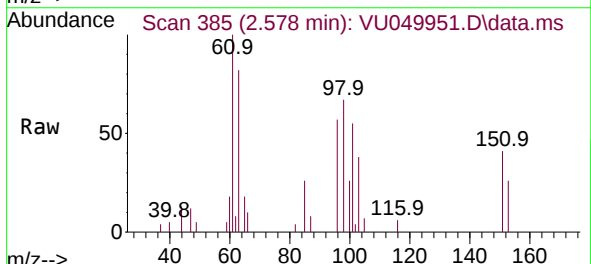
Instrument :
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VSTD0.5044

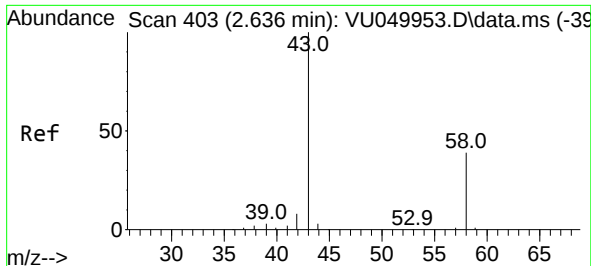
Tgt Ion:101 Resp: 2620
Ion Ratio Lower Upper
101 100
85 43.3 34.1 51.1
151 73.2 56.6 85.0



#12
1,1-Dichloroethene
Concen: 0.405 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU049951.D
Acq: 27 Jul 2022 16:00

Tgt Ion: 96 Resp: 2309
Ion Ratio Lower Upper
96 100
61 176.7 115.7 214.9
63 145.2 84.8 157.4





#13

Acetone

Concen: 7.527 ug/L

RT: 2.633 min Scan# 403

Delta R.T. -0.003 min

Lab File: VU049951.D

Acq: 27 Jul 2022 16:00

Instrument :

MSVOA_U

ClientSampleId :

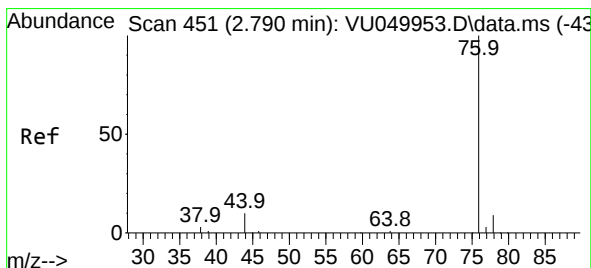
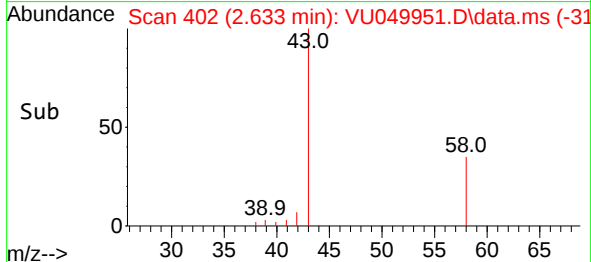
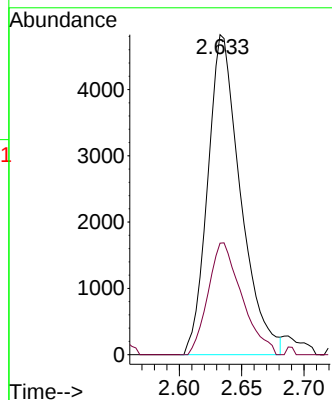
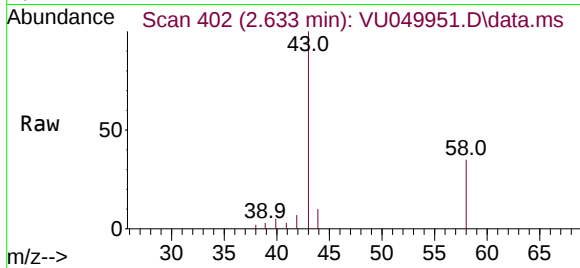
VSTD0.5044

Tgt Ion: 43 Resp: 8846

Ion Ratio Lower Upper

43 100

58 35.9 0.0 73.0



#14

Carbon disulfide

Concen: 0.515 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU049951.D

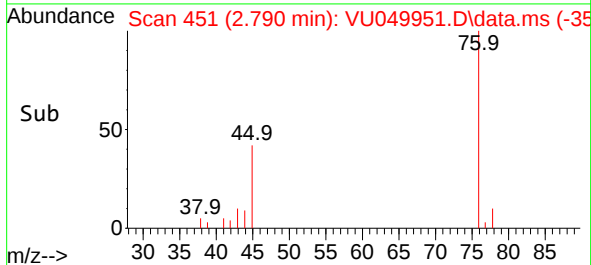
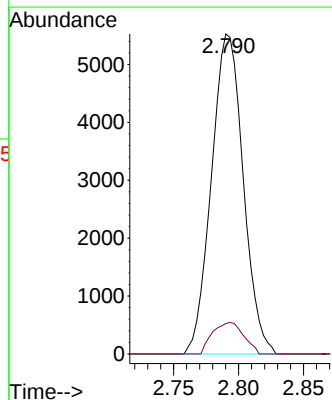
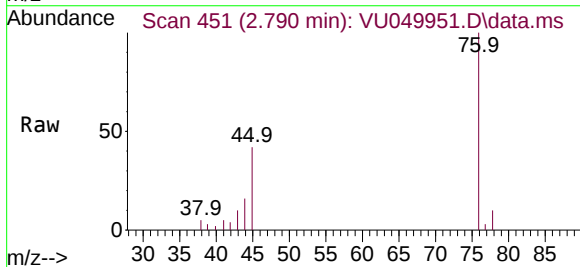
Acq: 27 Jul 2022 16:00

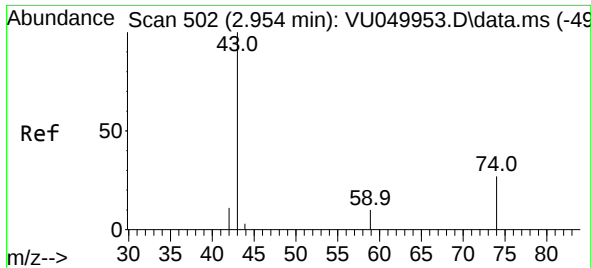
Tgt Ion: 76 Resp: 9397

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0

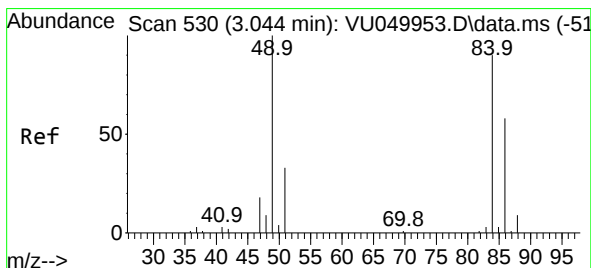
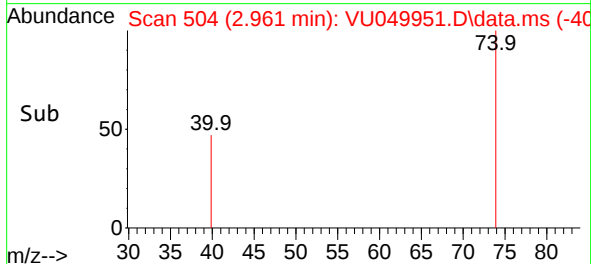
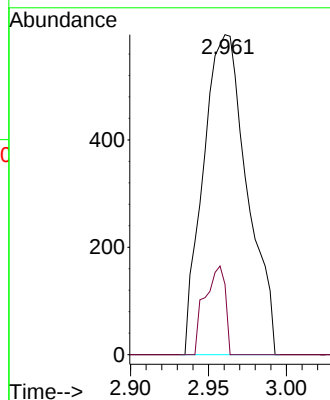
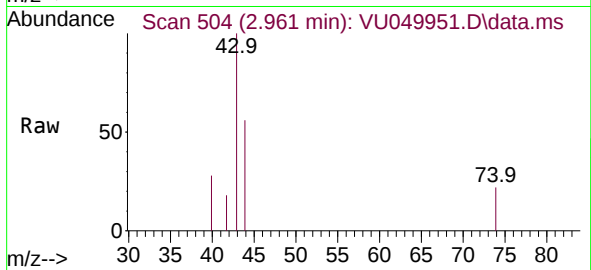




#15
Methyl Acetate
Concen: 0.383 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.007 min
Lab File: VU049951.D
Acq: 27 Jul 2022 16:00

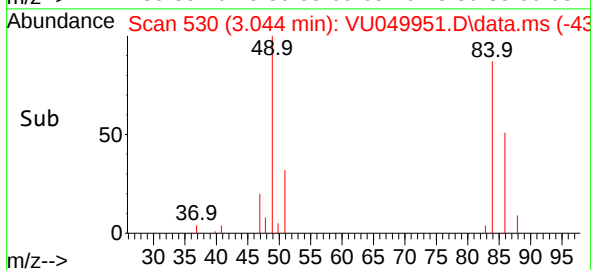
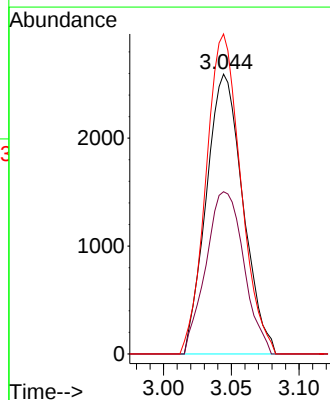
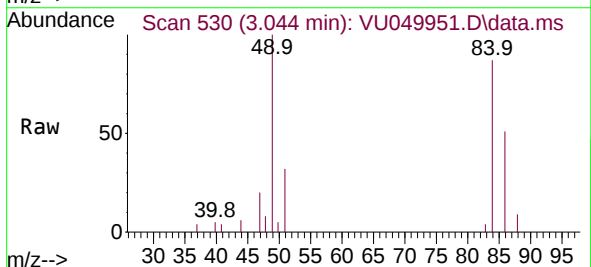
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ClientSampleId :
VSTD0.5044

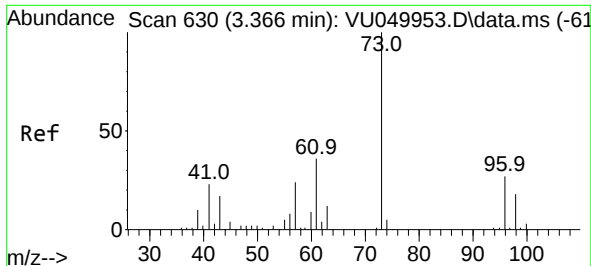
Tgt Ion: 43 Resp: 1167
Ion Ratio Lower Upper
43 100
74 12.8 21.6 32.4#



#16
Methylene chloride
Concen: 0.631 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU049951.D
Acq: 27 Jul 2022 16:00

Tgt Ion: 84 Resp: 4876
Ion Ratio Lower Upper
84 100
86 58.0 45.2 84.0
49 120.3 77.6 144.0





#17

Methyl tert-butyl Ether

Concen: 0.378 ug/L

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU049951.D

Acq: 27 Jul 2022 16:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5044

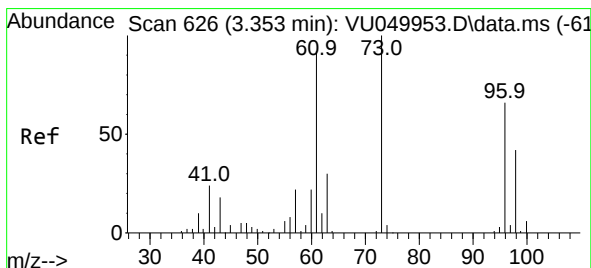
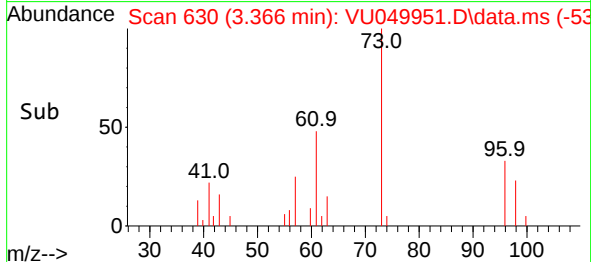
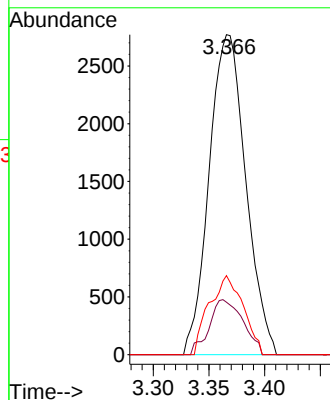
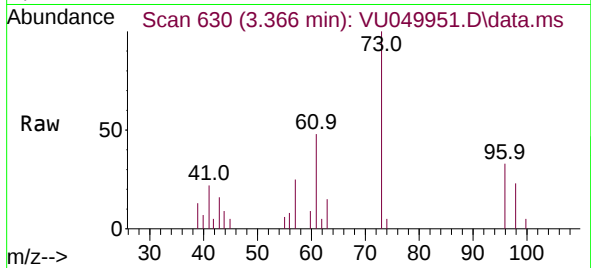
Tgt Ion: 73 Resp: 6345

Ion Ratio Lower Upper

73 100

43 15.9 13.8 20.6

57 22.9 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 0.428 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.000 min

Lab File: VU049951.D

Acq: 27 Jul 2022 16:00

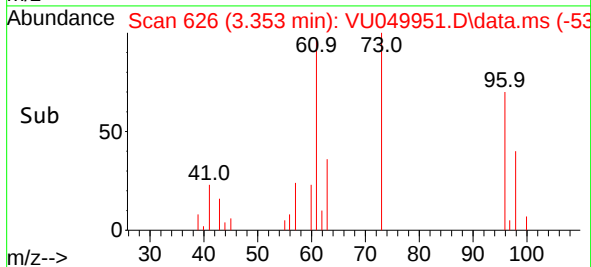
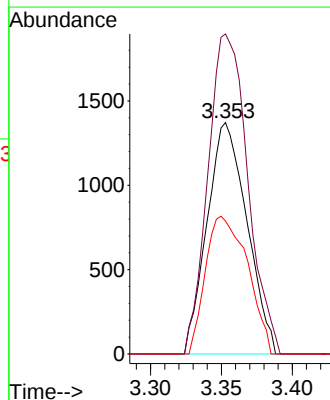
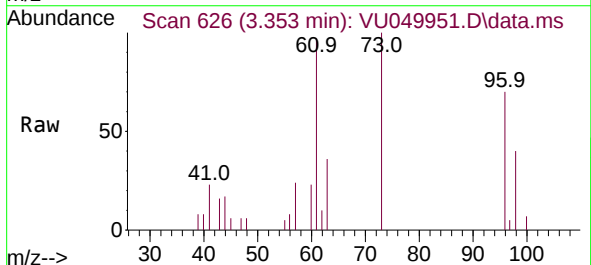
Tgt Ion: 96 Resp: 2683

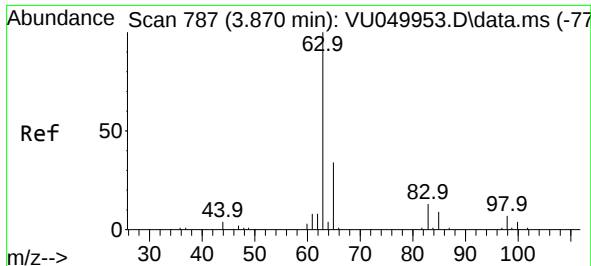
Ion Ratio Lower Upper

96 100

61 138.3 98.0 182.0

98 57.4 44.5 82.7





#19

1,1-Dichloroethane

Concen: 0.447 ug/L

RT: 3.867 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU049951.D

Acq: 27 Jul 2022 16:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5044

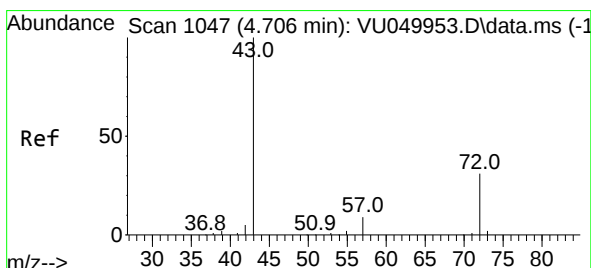
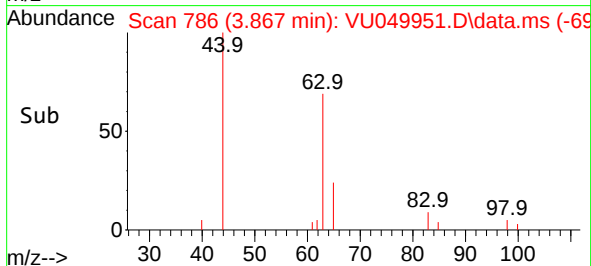
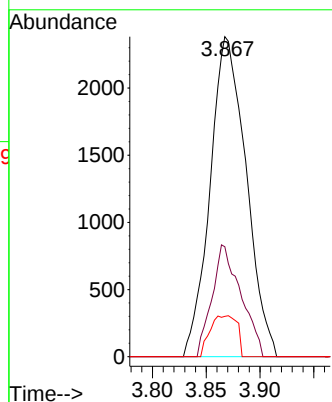
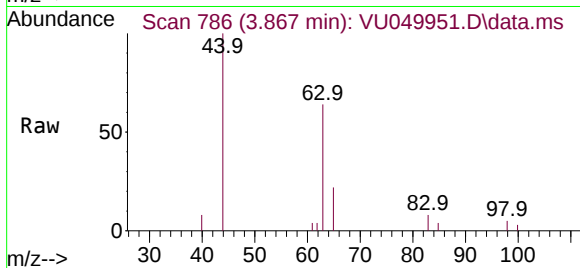
Tgt Ion: 63 Resp: 5551

Ion Ratio Lower Upper

63 100

65 34.3 23.4 43.6

83 12.6 9.4 17.4



#21

2-Butanone

Concen: 3.481 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. 0.013 min

Lab File: VU049951.D

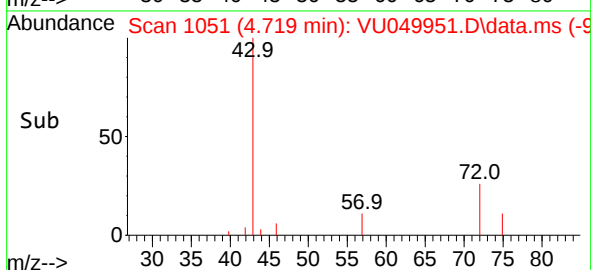
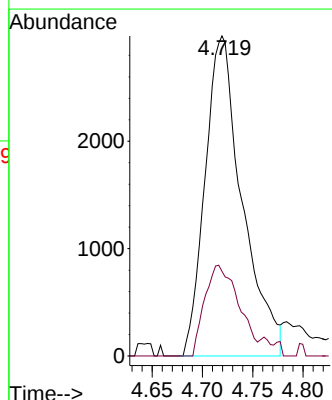
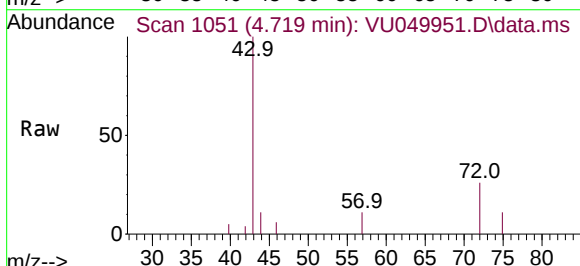
Acq: 27 Jul 2022 16:00

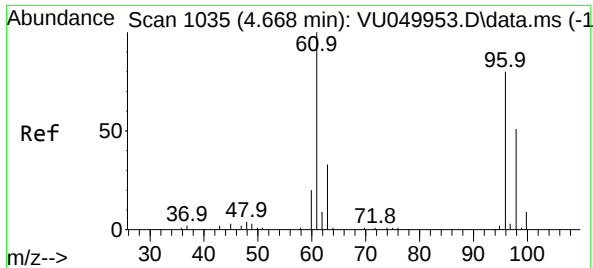
Tgt Ion: 43 Resp: 7644

Ion Ratio Lower Upper

43 100

72 26.0 15.8 47.3

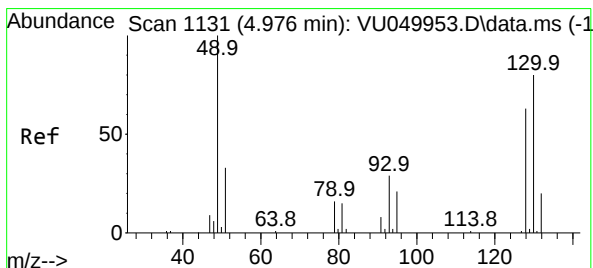
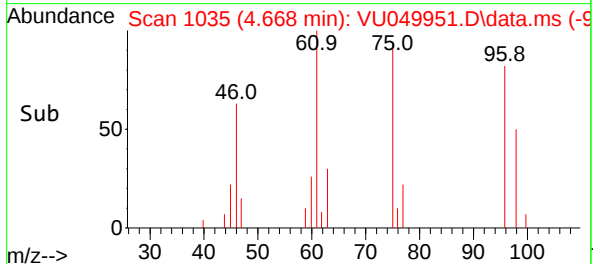
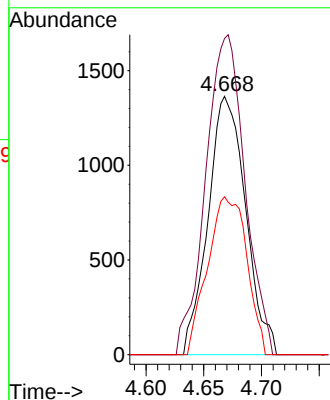
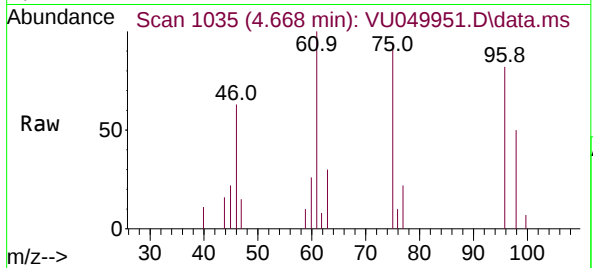




#22
 cis-1,2-Dichloroethene
 Concen: 0.433 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU049951.D
 Acq: 27 Jul 2022 16:00

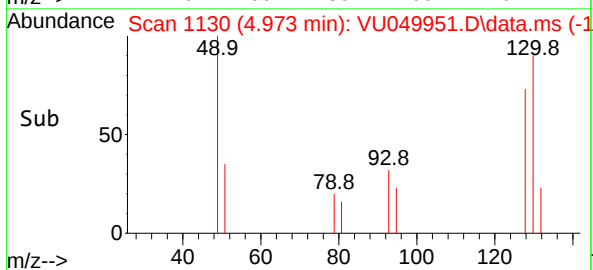
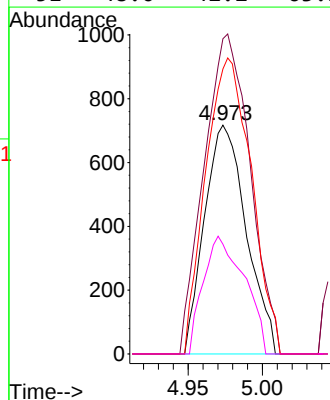
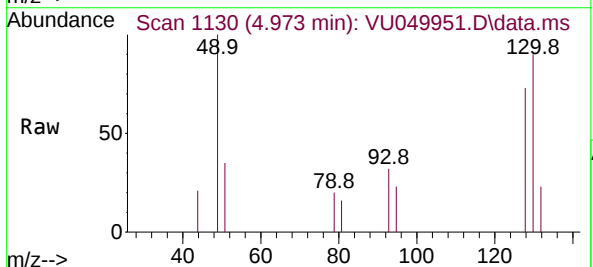
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5044

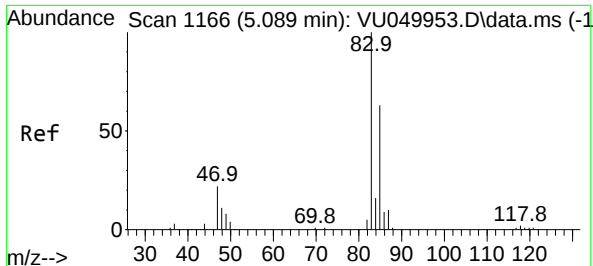
Tgt Ion:	96	Resp:	3094
Ion	Ratio	Lower	Upper
96	100		
61	122.3	87.2	161.9
98	61.1	44.7	83.1



#23
 Bromochloromethane
 Concen: 0.454 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.003 min
 Lab File: VU049951.D
 Acq: 27 Jul 2022 16:00

Tgt Ion:	128	Resp:	1403
Ion	Ratio	Lower	Upper
128	100		
49	137.8	111.4	207.0
130	124.5	88.7	164.7
51	48.0	42.2	63.2





#25

Chloroform

Concen: 0.584 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU049951.D

Acq: 27 Jul 2022 16:00

Instrument :

MSVOA_U

ClientSampleId :

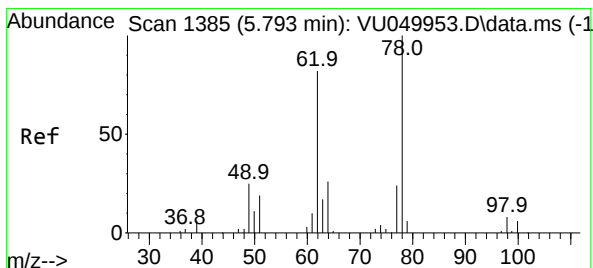
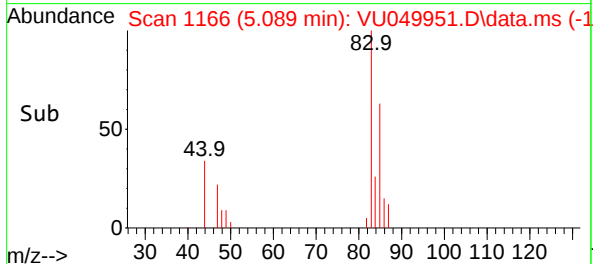
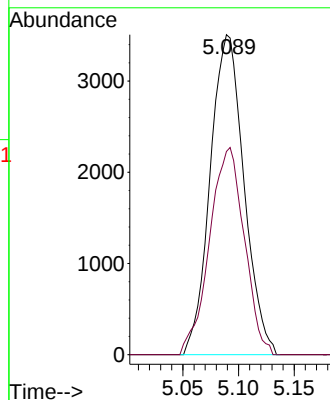
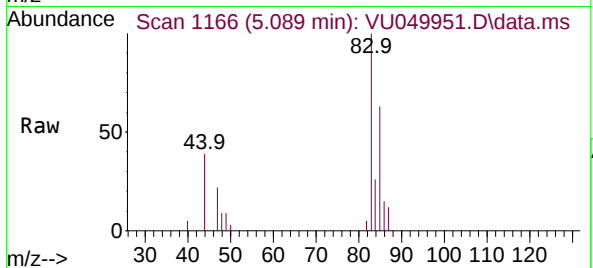
VSTD0.5044

Tgt Ion: 83 Resp: 7403

Ion Ratio Lower Upper

83 100

85 63.5 44.4 82.4



#27

1,2-Dichloroethane

Concen: 0.447 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. 0.003 min

Lab File: VU049951.D

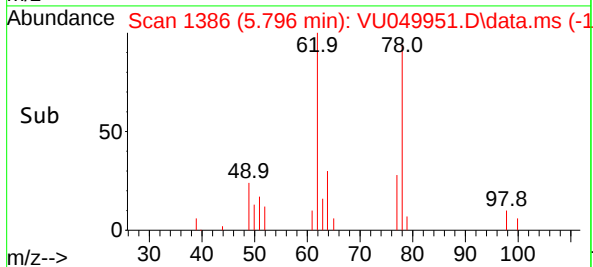
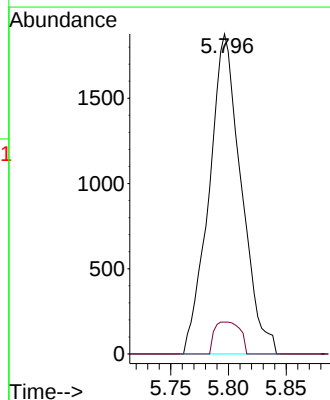
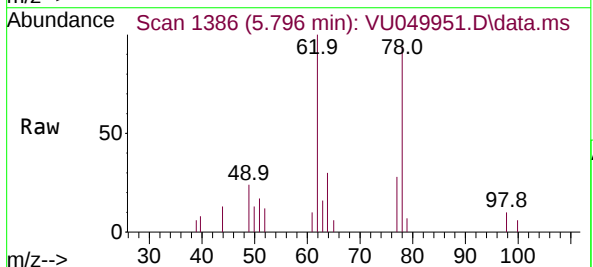
Acq: 27 Jul 2022 16:00

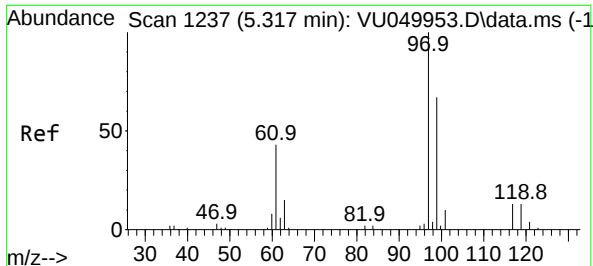
Tgt Ion: 62 Resp: 3632

Ion Ratio Lower Upper

62 100

98 10.0 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 0.387 ug/L

RT: 5.317 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049951.D

Acq: 27 Jul 2022 16:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5044

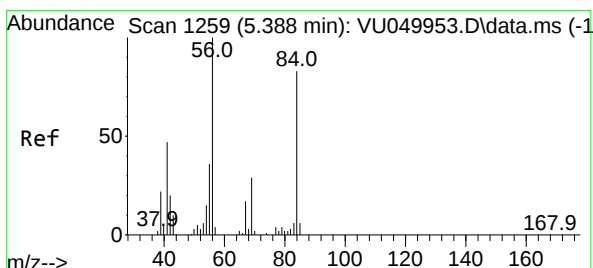
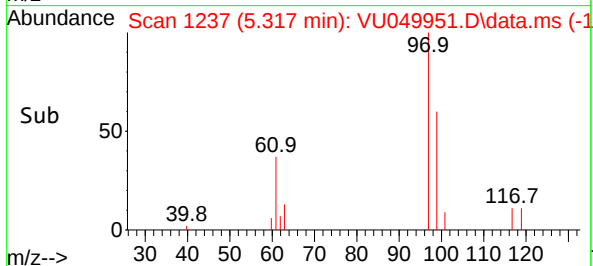
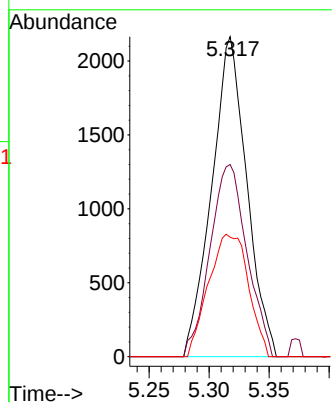
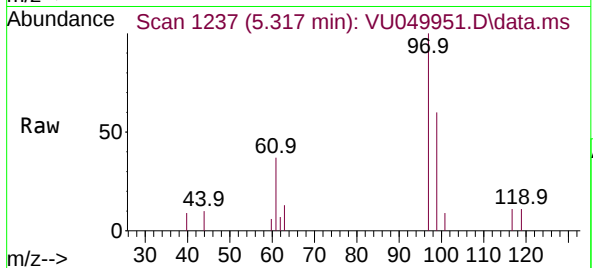
Tgt Ion: 97 Resp: 4397

Ion Ratio Lower Upper

97 100

99 63.4 52.0 78.0

61 43.6 35.0 52.6



#30

Cyclohexane

Concen: 0.262 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.003 min

Lab File: VU049951.D

Acq: 27 Jul 2022 16:00

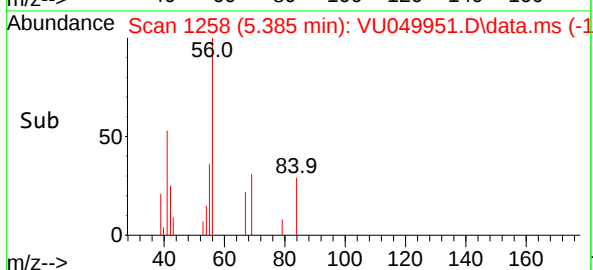
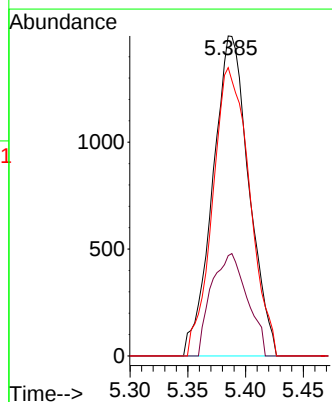
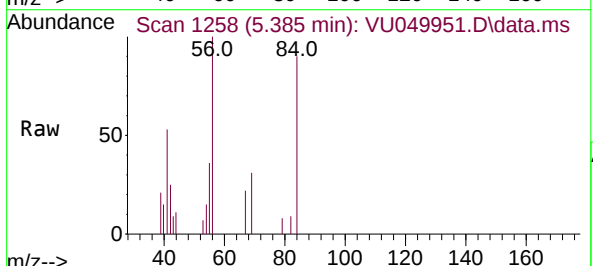
Tgt Ion: 56 Resp: 3255

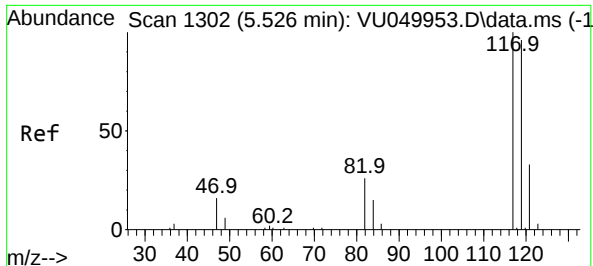
Ion Ratio Lower Upper

56 100

69 31.6 25.1 37.7

84 92.1 70.1 105.1

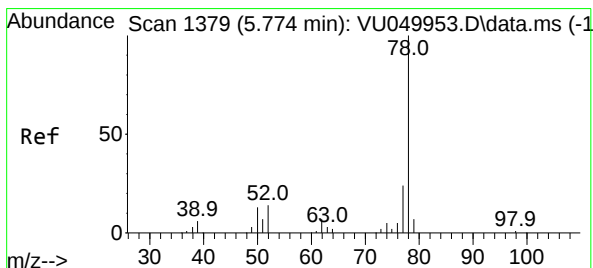
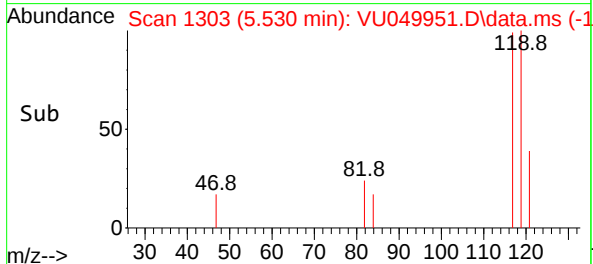
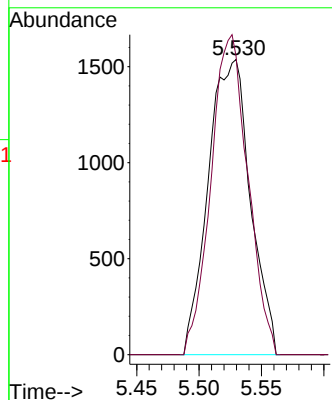
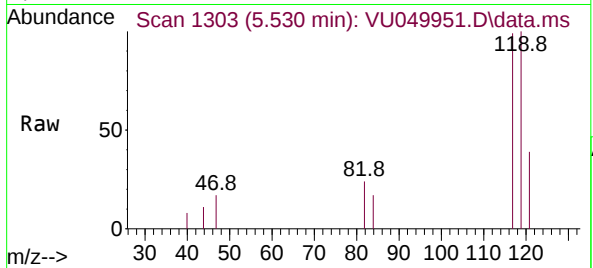




#31
Carbon tetrachloride
Concen: 0.382 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049951.D
Acq: 27 Jul 2022 16:00

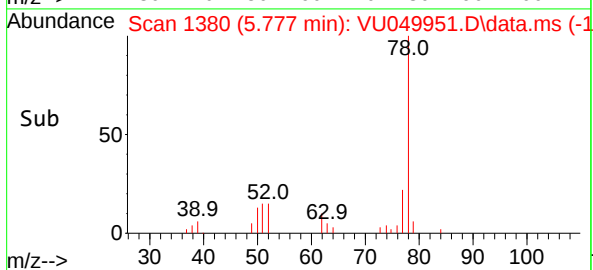
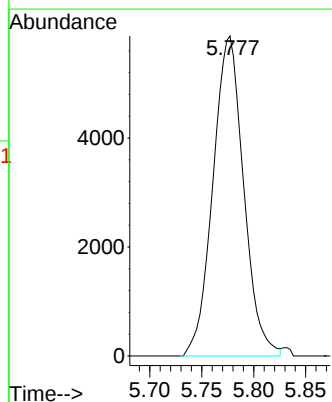
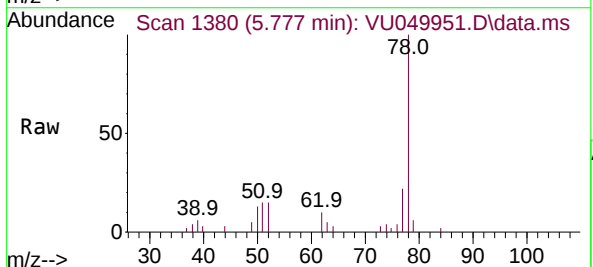
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5044

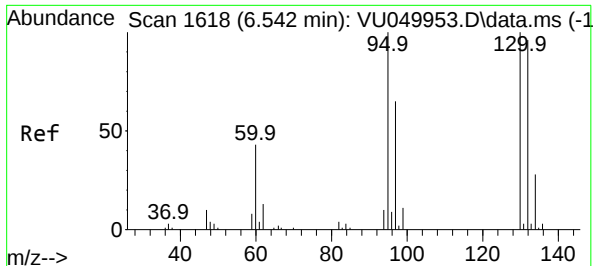
Tgt Ion:117 Resp: 3624
Ion Ratio Lower Upper
117 100
119 94.7 77.8 116.6



#33
Benzene
Concen: 0.420 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU049951.D
Acq: 27 Jul 2022 16:00

Tgt Ion: 78 Resp: 12063



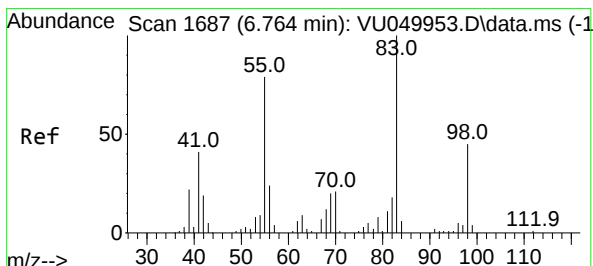
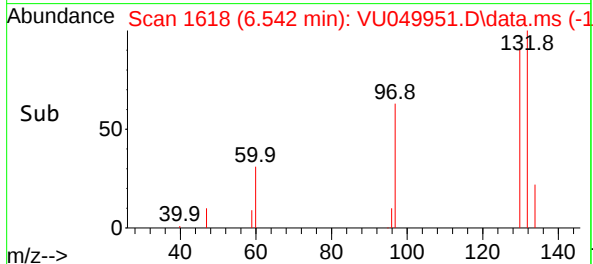
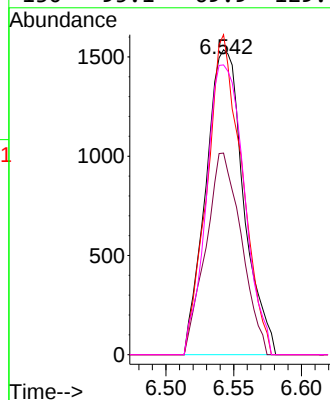
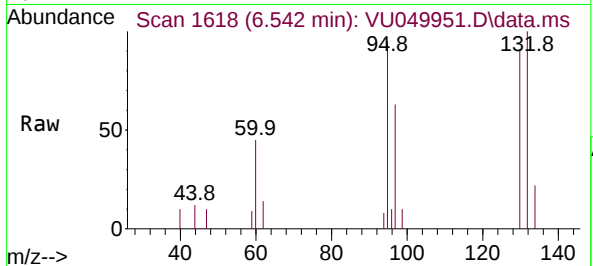


#34
Trichloroethene
Concen: 0.410 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU049951.D
Acq: 27 Jul 2022 16:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5044

Tgt Ion: 95 Resp: 2978

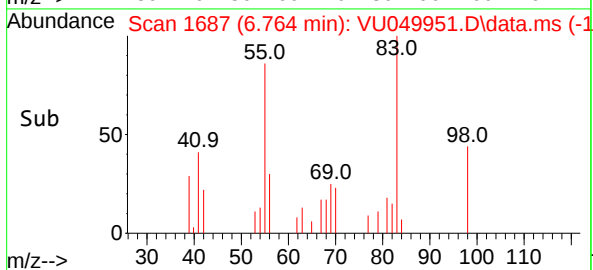
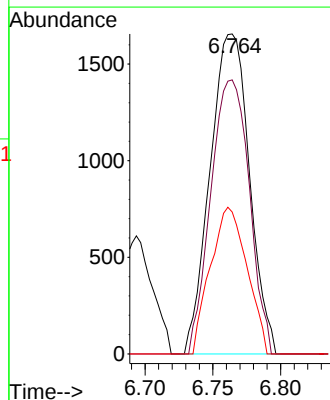
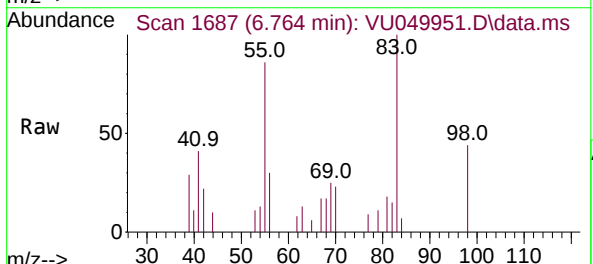
Ion	Ratio	Lower	Upper
95	100		
97	66.1	45.6	84.8
132	104.9	66.8	124.2
130	95.1	69.9	129.7

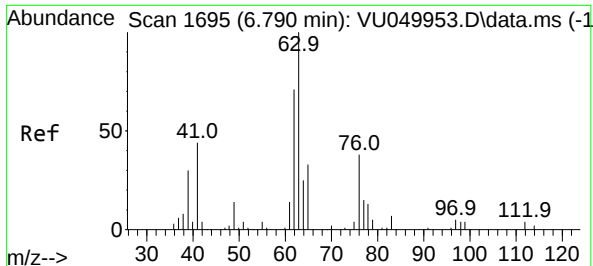


#35
Methylcyclohexane
Concen: 0.284 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU049951.D
Acq: 27 Jul 2022 16:00

Tgt Ion: 83 Resp: 3355

Ion	Ratio	Lower	Upper
83	100		
55	83.5	61.6	92.4
98	42.6	34.8	52.2





#37

1,2-Dichloropropane

Concen: 0.440 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049951.D

Acq: 27 Jul 2022 16:00

Instrument :

MSVOA_U

ClientSampleId :

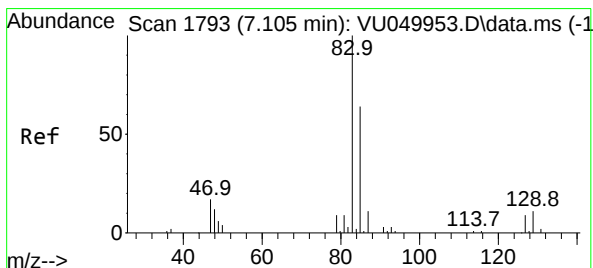
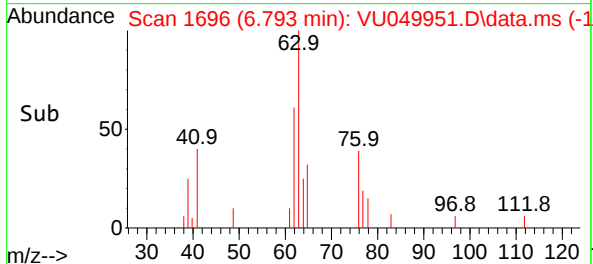
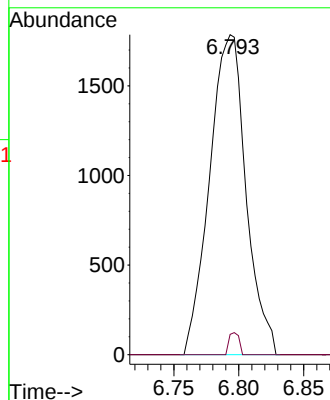
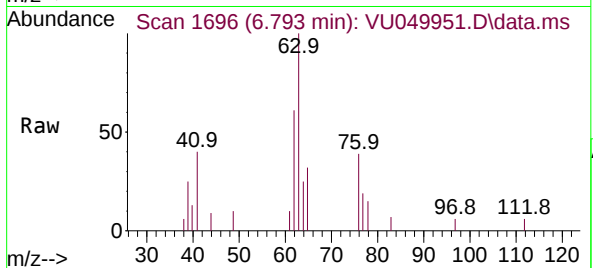
VSTD0.5044

Tgt Ion: 63 Resp: 3480

Ion Ratio Lower Upper

63 100

112 1.9 3.0 4.6#



#38

Bromodichloromethane

Concen: 0.427 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.003 min

Lab File: VU049951.D

Acq: 27 Jul 2022 16:00

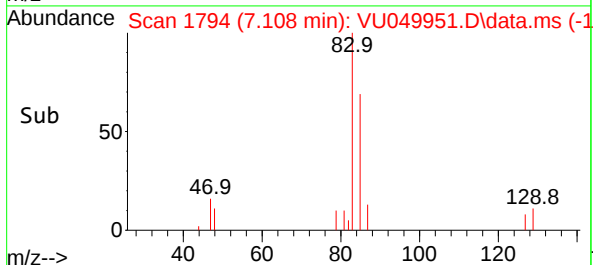
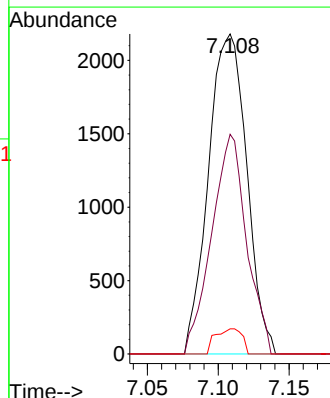
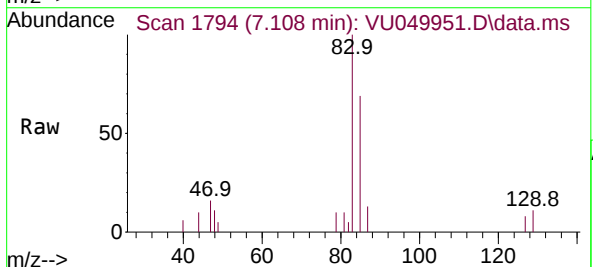
Tgt Ion: 83 Resp: 4102

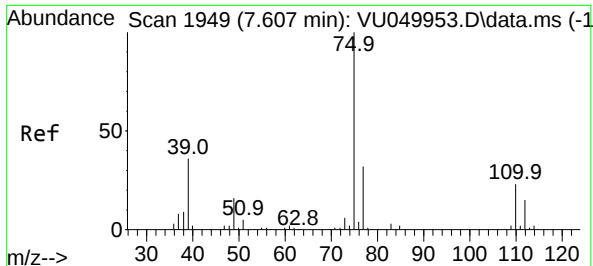
Ion Ratio Lower Upper

83 100

85 68.7 44.9 83.5

127 7.8 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 0.354 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049951.D

Acq: 27 Jul 2022 16:00

Instrument :

MSVOA_U

ClientSampleId :

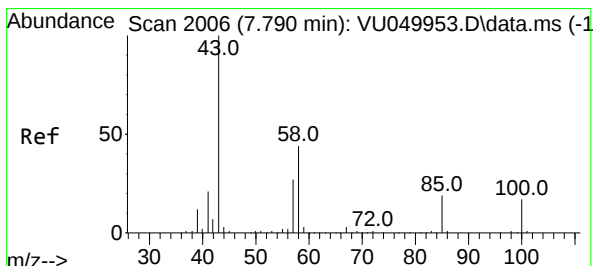
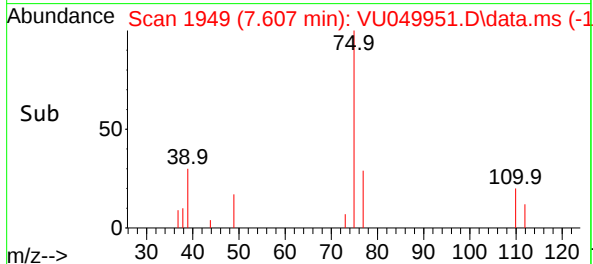
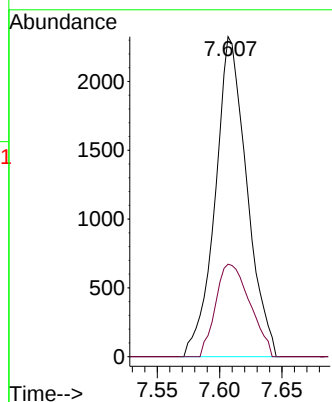
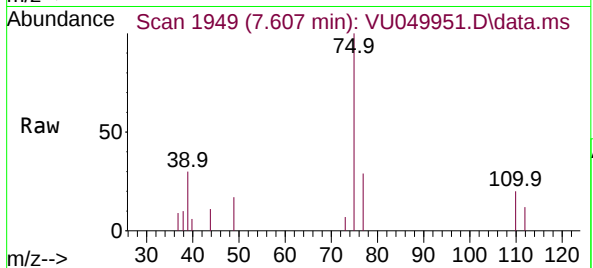
VSTD0.5044

Tgt Ion: 75 Resp: 4101

Ion Ratio Lower Upper

75 100

77 28.9 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 3.095 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU049951.D

Acq: 27 Jul 2022 16:00

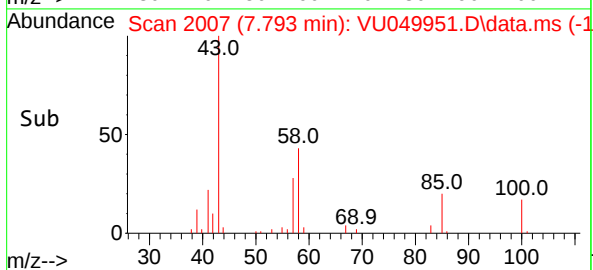
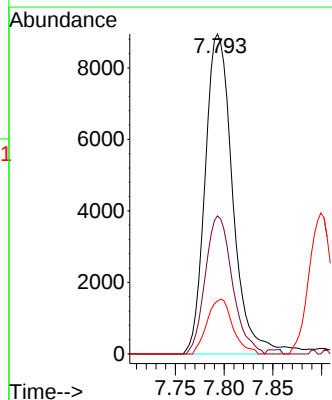
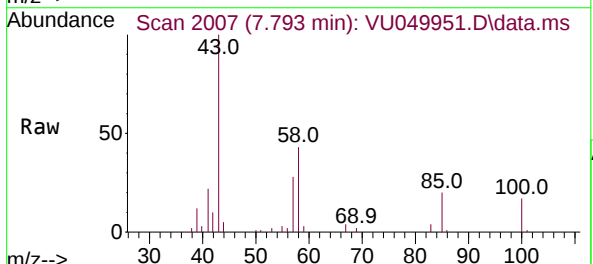
Tgt Ion: 43 Resp: 17458

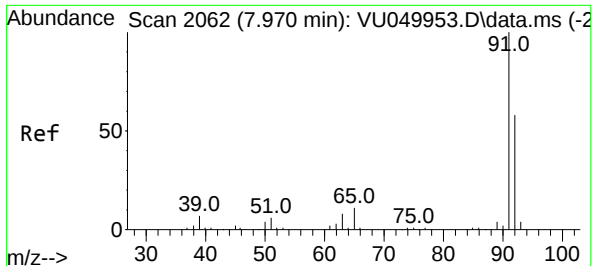
Ion Ratio Lower Upper

43 100

58 42.7 35.5 53.3

100 16.0 13.2 19.8





#42

Toluene

Concen: 0.378 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049951.D

Acq: 27 Jul 2022 16:00

Instrument :

MSVOA_U

ClientSampleId :

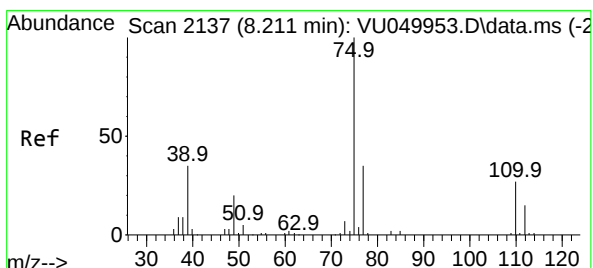
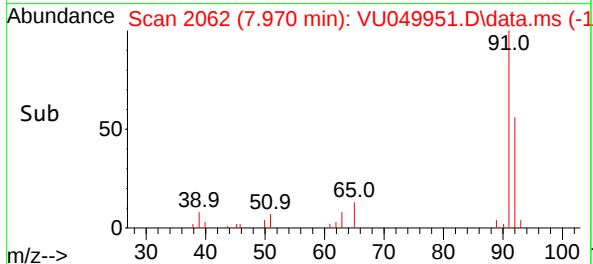
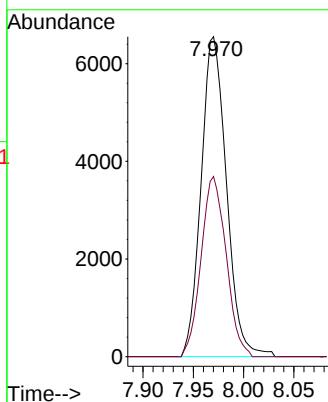
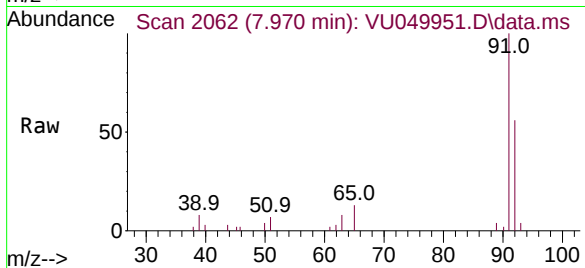
VSTD0.5044

Tgt Ion: 91 Resp: 11482

Ion Ratio Lower Upper

91 100

92 56.3 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 0.338 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU049951.D

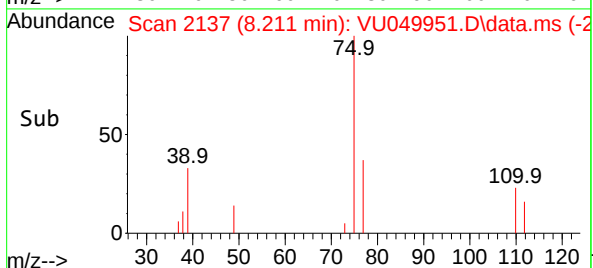
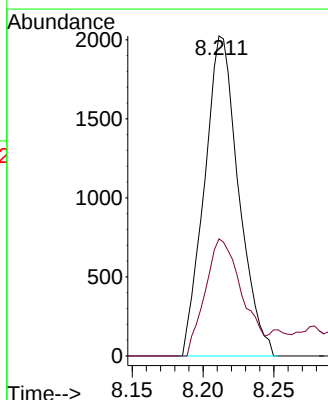
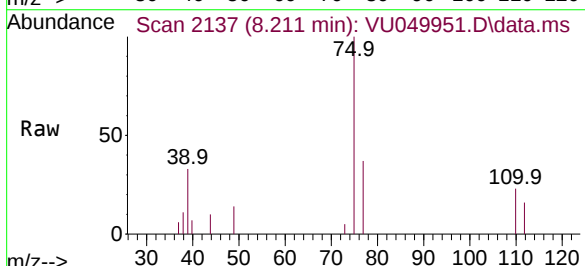
Acq: 27 Jul 2022 16:00

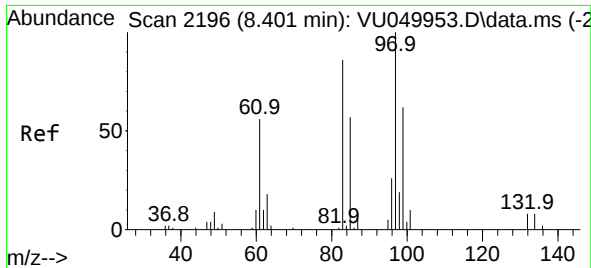
Tgt Ion: 75 Resp: 3403

Ion Ratio Lower Upper

75 100

77 36.6 24.1 44.8

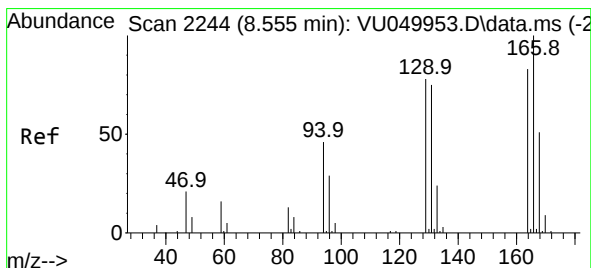
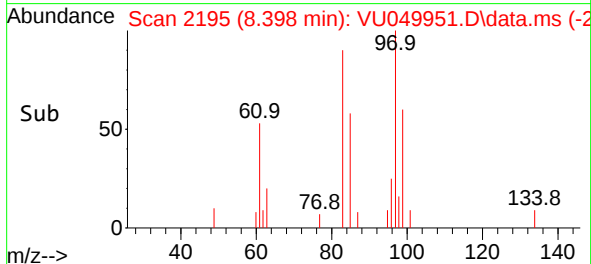
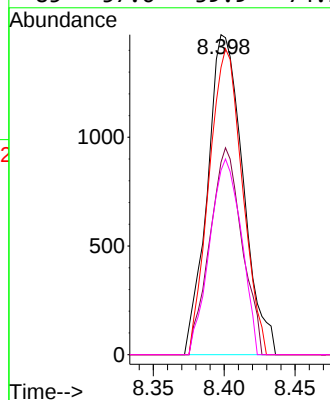
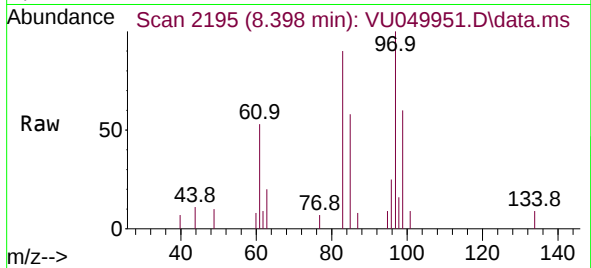




#45
1,1,2-Trichloroethane
Concen: 0.458 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VU049951.D
Acq: 27 Jul 2022 16:00

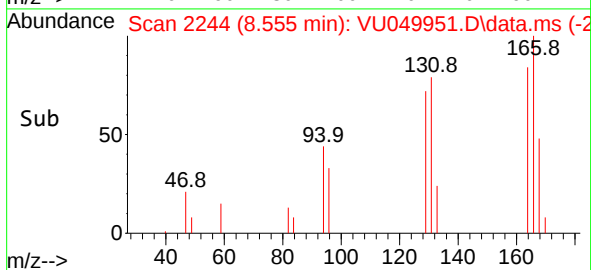
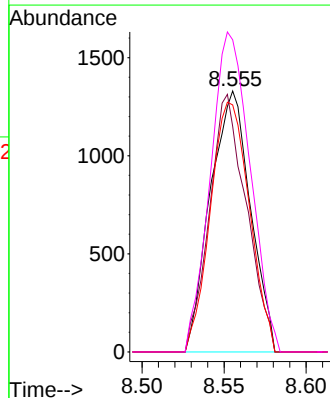
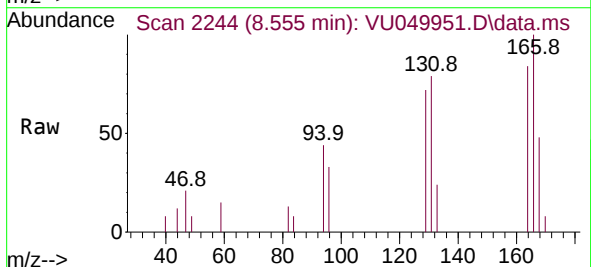
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5044

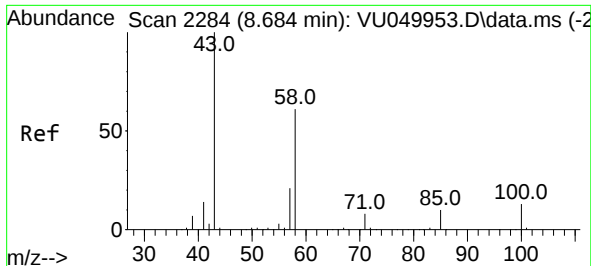
Tgt Ion:	97	Resp:	2574
Ion	Ratio	Lower	Upper
97	100		
99	60.1	43.5	80.9
83	89.7	59.9	111.3
85	57.6	39.9	74.1



#47
Tetrachloroethene
Concen: 0.448 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU049951.D
Acq: 27 Jul 2022 16:00

Tgt Ion:	164	Resp:	2256
Ion	Ratio	Lower	Upper
164	100		
129	86.5	66.3	123.1
131	94.7	63.1	117.1
166	119.6	84.6	157.0

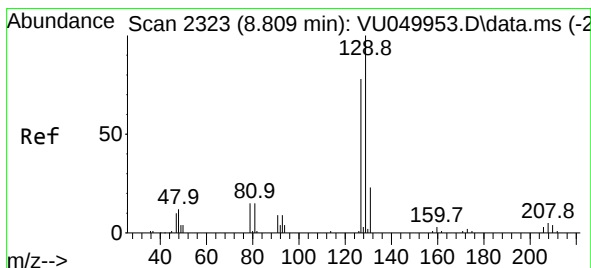
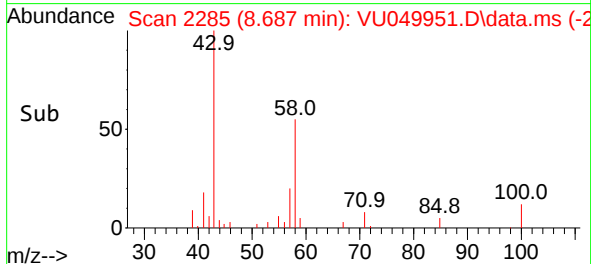
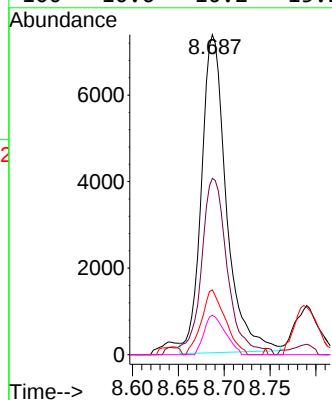
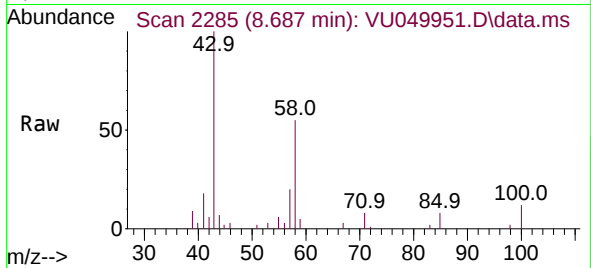




#48
2-Hexanone
Concen: 3.409 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049951.D
Acq: 27 Jul 2022 16:00

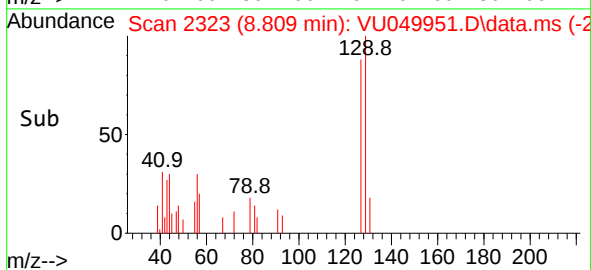
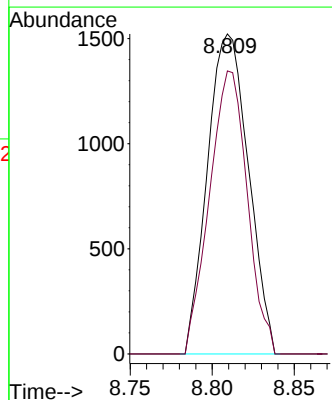
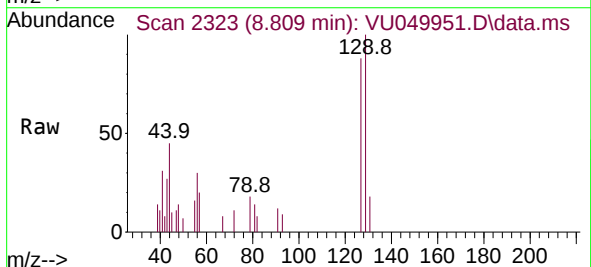
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5044

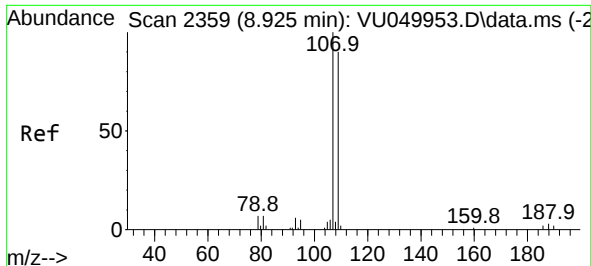
Tgt Ion: 43	Resp:	13873	
Ion	Ratio	Lower	Upper
43	100		
58	58.9	49.4	74.0
57	19.4	17.0	25.4
100	10.6	10.2	15.2



#49
Dibromochloromethane
Concen: 0.418 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU049951.D
Acq: 27 Jul 2022 16:00

Tgt Ion:129	Resp:	2647	
Ion	Ratio	Lower	Upper
129	100		
127	88.4	54.5	101.1





#50

1,2-Dibromoethane

Concen: 0.426 ug/L

RT: 8.928 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU049951.D

Acq: 27 Jul 2022 16:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5044

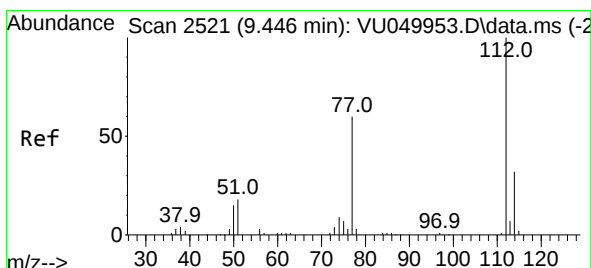
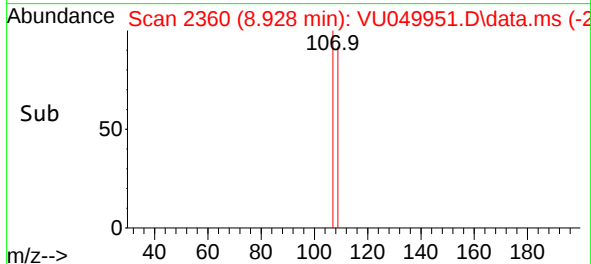
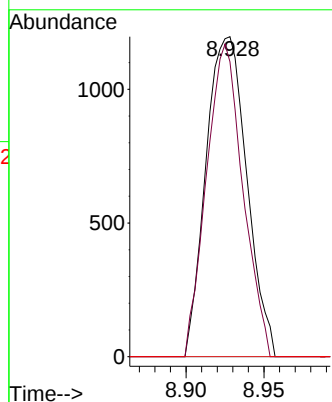
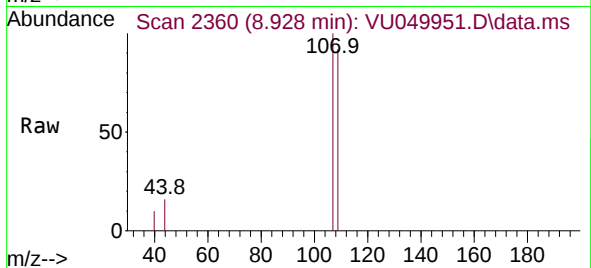
Tgt Ion:107 Resp: 2179

Ion Ratio Lower Upper

107 100

109 92.1 62.7 116.5

188 0.0 2.4 3.6#



#51

Chlorobenzene

Concen: 0.435 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU049951.D

Acq: 27 Jul 2022 16:00

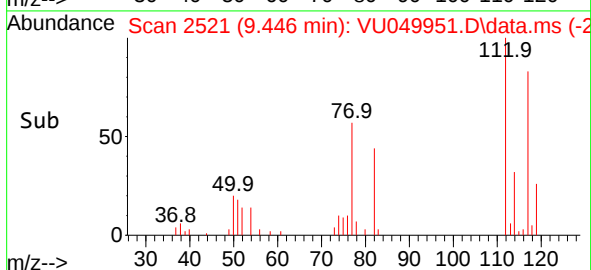
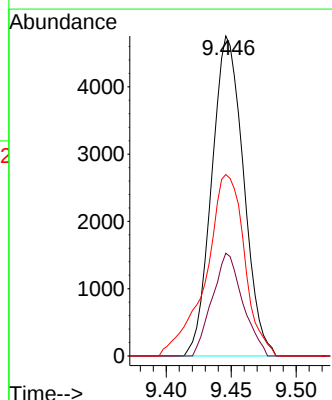
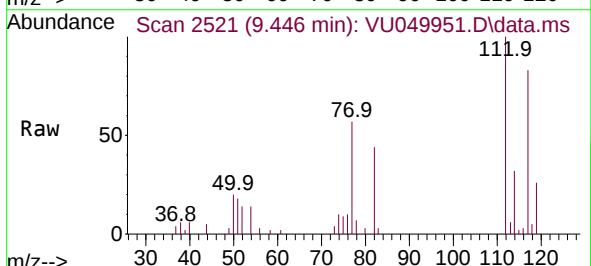
Tgt Ion:112 Resp: 8080

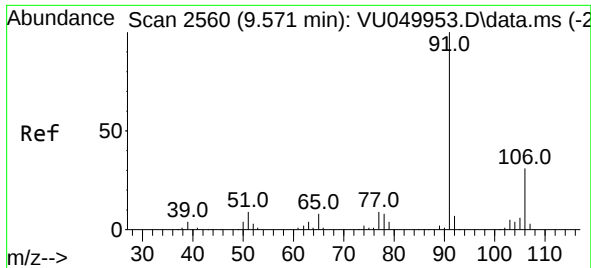
Ion Ratio Lower Upper

112 100

114 32.1 22.4 41.6

77 56.7 48.2 72.4

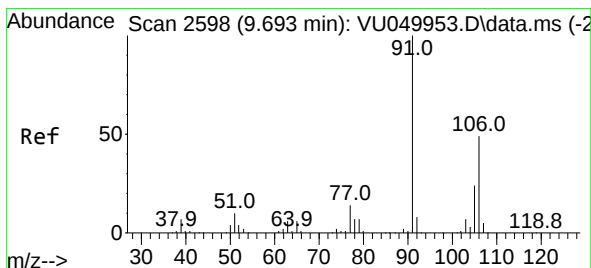
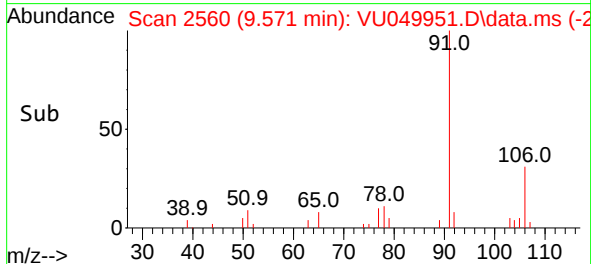
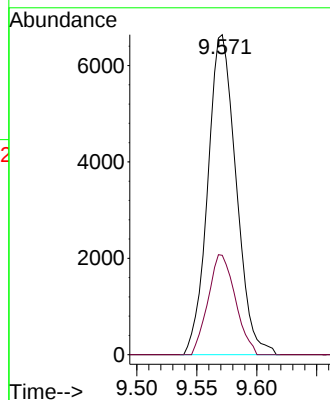
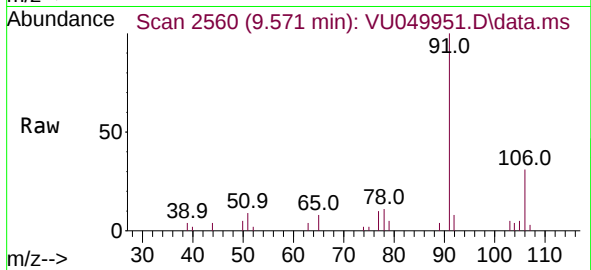




#52
Ethylbenzene
Concen: 0.336 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049951.D
Acq: 27 Jul 2022 16:00

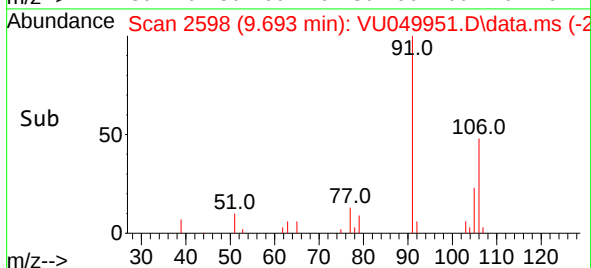
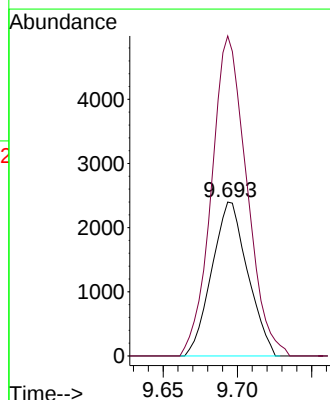
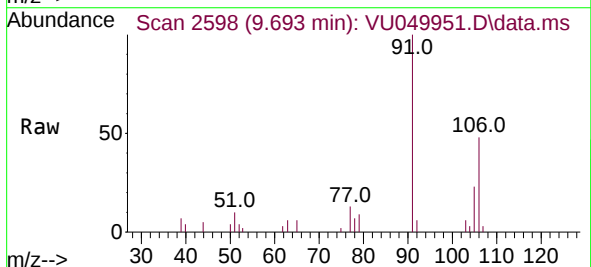
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5044

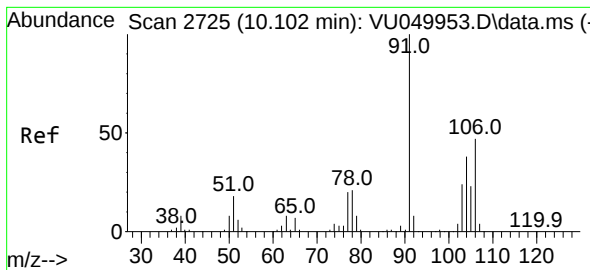
Tgt Ion: 91 Resp: 10899
Ion Ratio Lower Upper
91 100
106 31.1 21.6 40.0



#53
m,p-Xylene
Concen: 0.333 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049951.D
Acq: 27 Jul 2022 16:00

Tgt Ion: 106 Resp: 4022
Ion Ratio Lower Upper
106 100
91 207.8 142.4 264.4





#54

o-Xylene

Concen: 0.290 ug/L

RT: 10.099 min Scan# 2724

Delta R.T. -0.003 min

Lab File: VU049951.D

Acq: 27 Jul 2022 16:00

Instrument :

MSVOA_U

ClientSampleId :

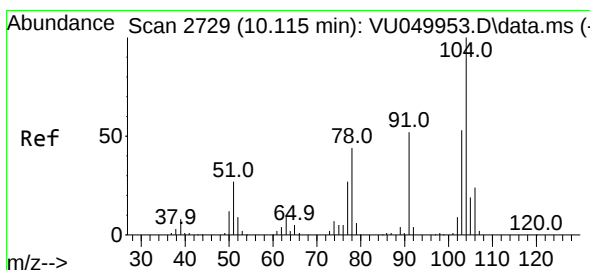
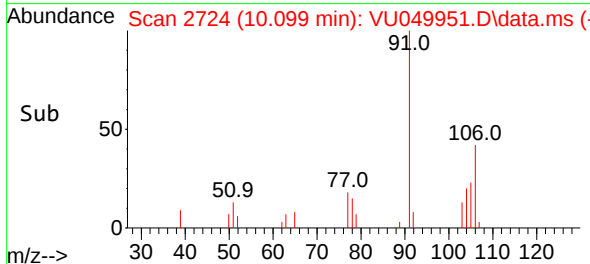
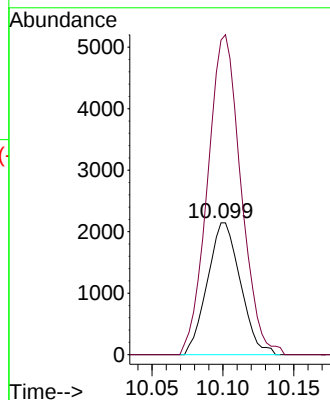
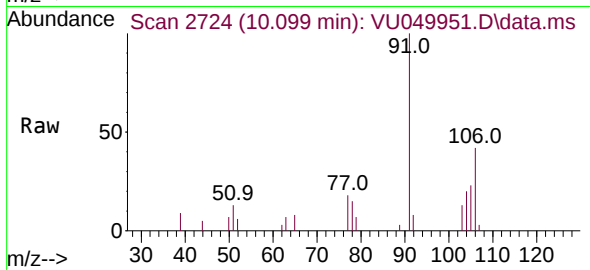
VSTD0.5044

Tgt Ion:106 Resp: 3480

Ion Ratio Lower Upper

106 100

91 238.5 148.7 276.1



#55

Styrene

Concen: 0.299 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU049951.D

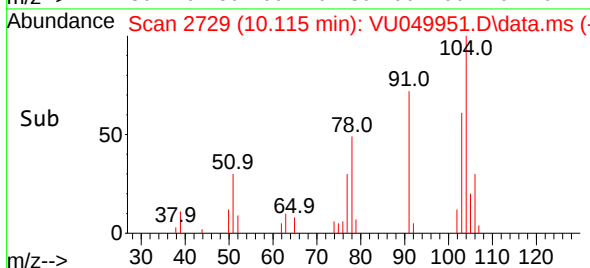
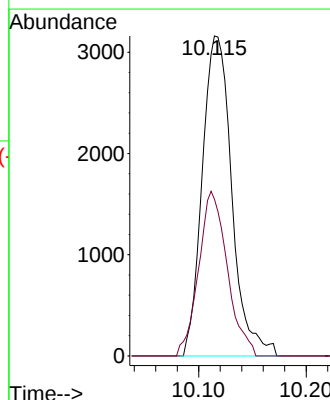
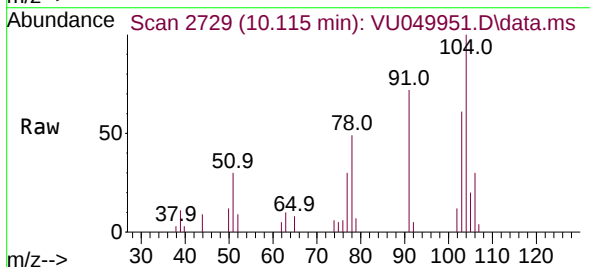
Acq: 27 Jul 2022 16:00

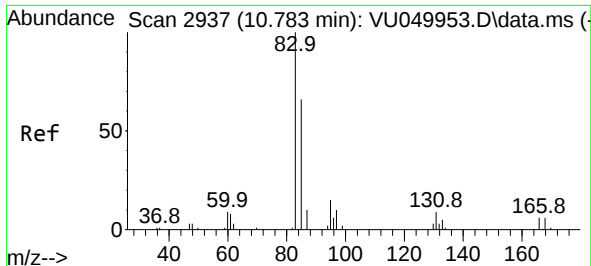
Tgt Ion:104 Resp: 6035

Ion Ratio Lower Upper

104 100

78 49.0 30.9 57.3





#57

1,1,2,2-Tetrachloroethane

Concen: 0.441 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU049951.D

Acq: 27 Jul 2022 16:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5044

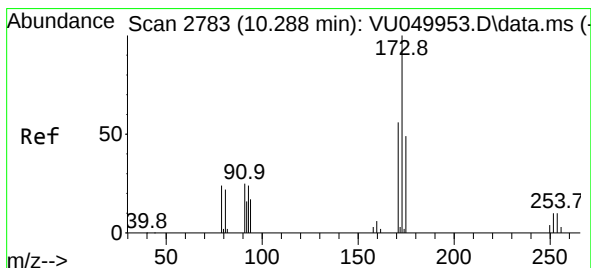
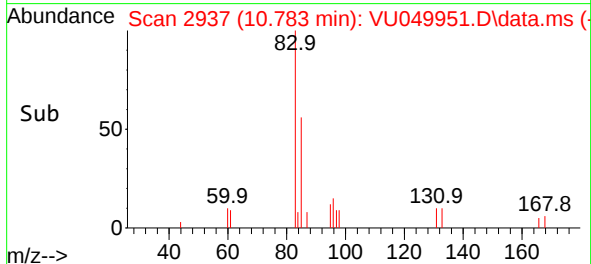
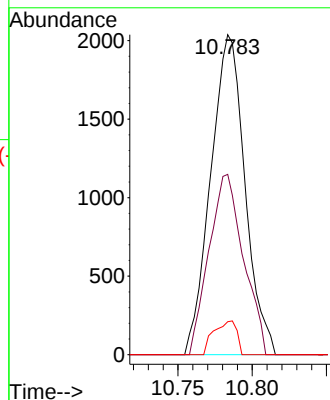
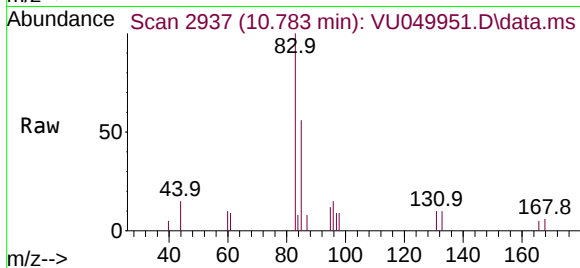
Tgt Ion: 83 Resp: 3269

Ion Ratio Lower Upper

83 100

85 56.4 46.6 86.6

131 10.3 7.9 11.9



#59

Bromoform

Concen: 0.508 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. 0.003 min

Lab File: VU049951.D

Acq: 27 Jul 2022 16:00

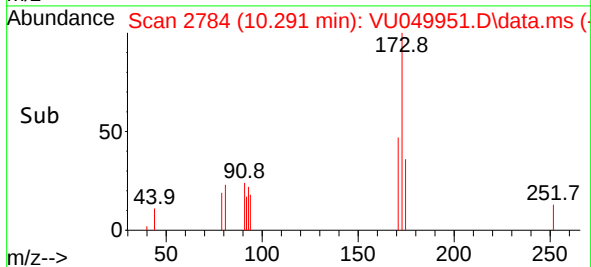
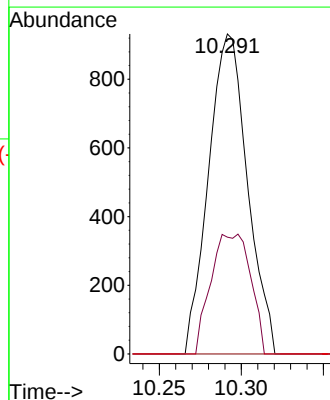
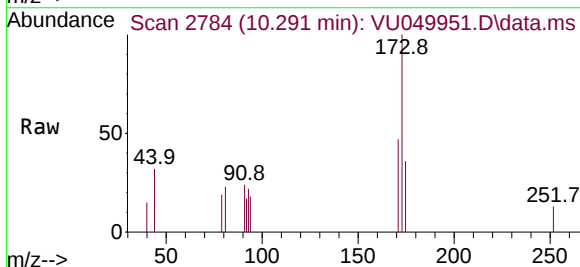
Tgt Ion:173 Resp: 1535

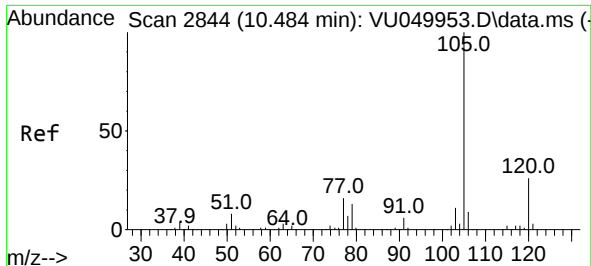
Ion Ratio Lower Upper

173 100

175 38.2 39.1 58.7#

254 0.0 7.5 11.3#

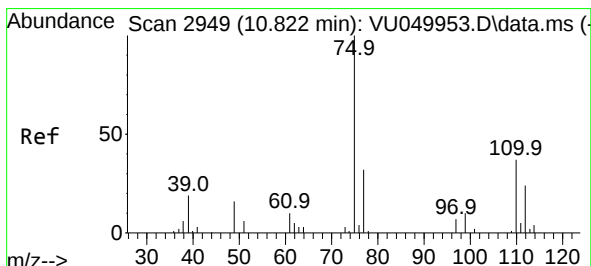
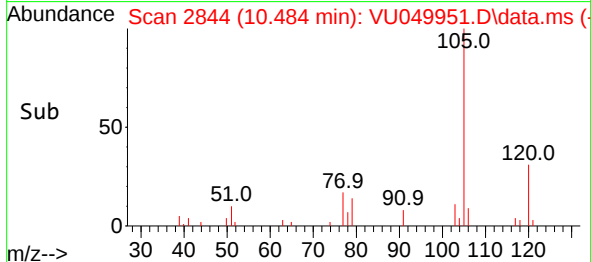
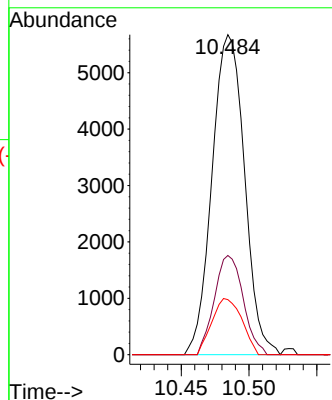
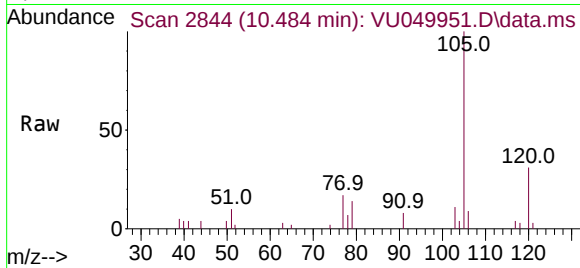




#60
Isopropylbenzene
Concen: 0.356 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049951.D
Acq: 27 Jul 2022 16:00

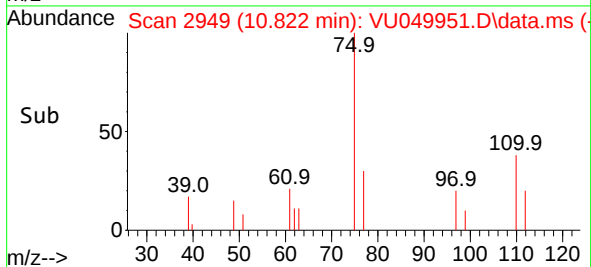
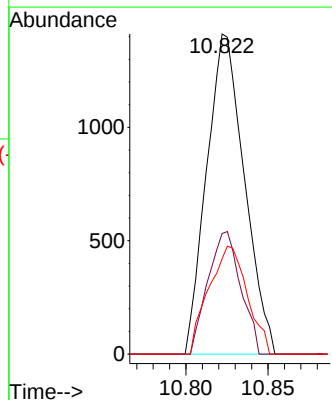
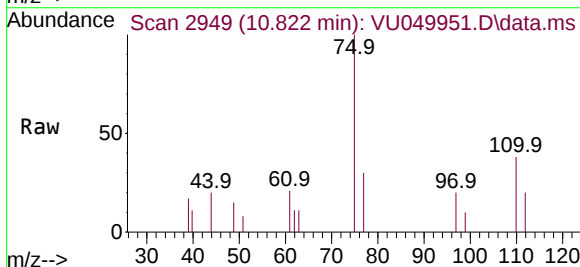
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5044

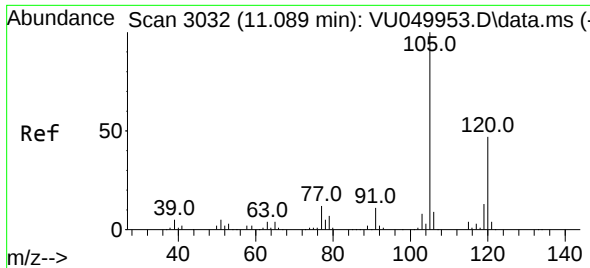
Tgt Ion:105 Resp: 9445
Ion Ratio Lower Upper
105 100
120 27.5 20.5 30.7
77 16.2 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 0.498 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU049951.D
Acq: 27 Jul 2022 16:00

Tgt Ion: 75 Resp: 2249
Ion Ratio Lower Upper
75 100
110 33.4 28.1 42.1
77 34.4 24.7 37.1

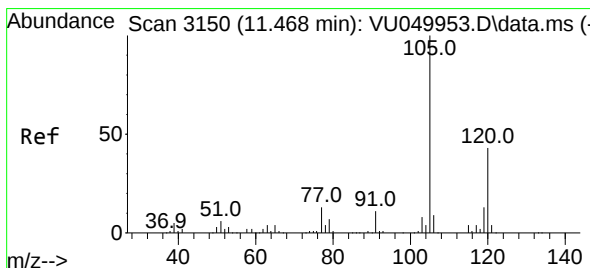
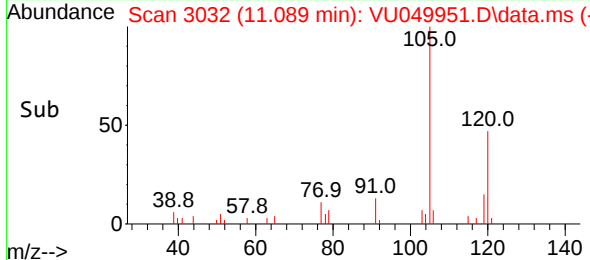
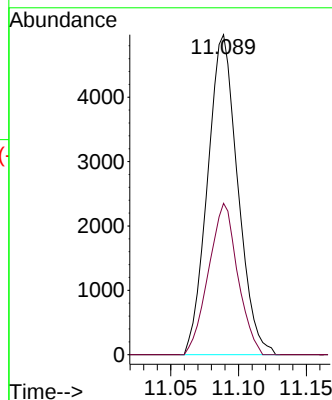
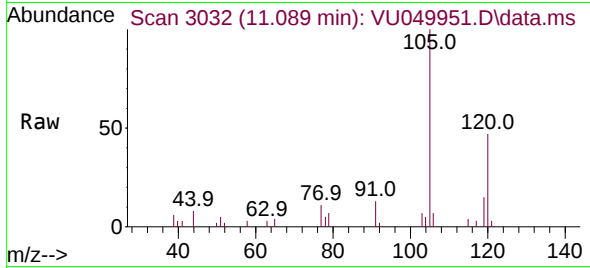




#62
 1,3,5-Trimethylbenzene
 Concen: 0.334 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU049951.D
 Acq: 27 Jul 2022 16:00

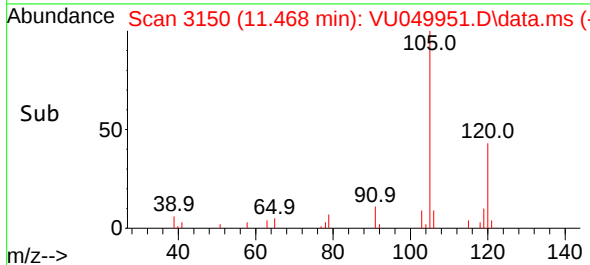
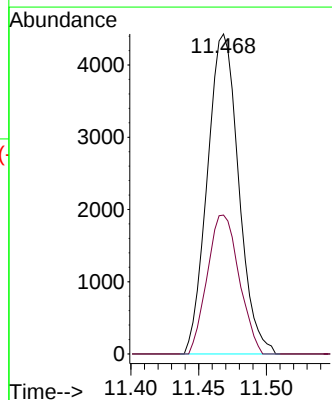
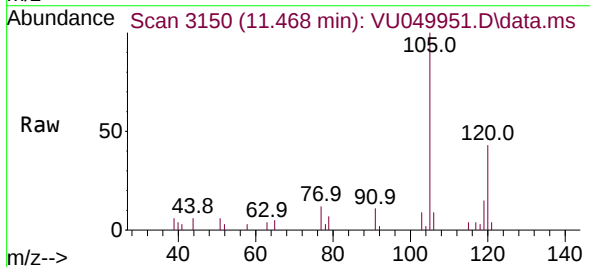
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5044

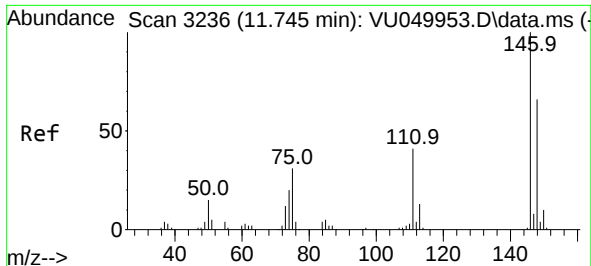
Tgt Ion:105 Resp: 7692
 Ion Ratio Lower Upper
 105 100
 120 45.7 38.2 57.4



#63
 1,2,4-Trimethylbenzene
 Concen: 0.314 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU049951.D
 Acq: 27 Jul 2022 16:00

Tgt Ion:105 Resp: 7126
 Ion Ratio Lower Upper
 105 100
 120 44.0 35.4 53.2

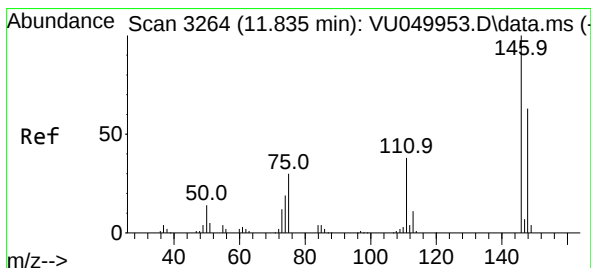
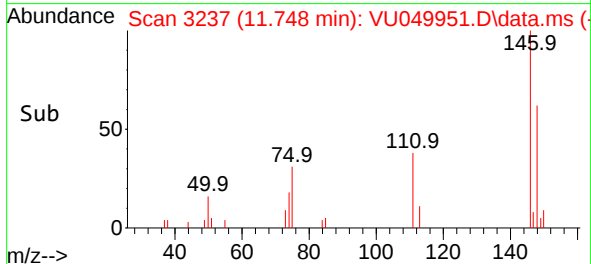
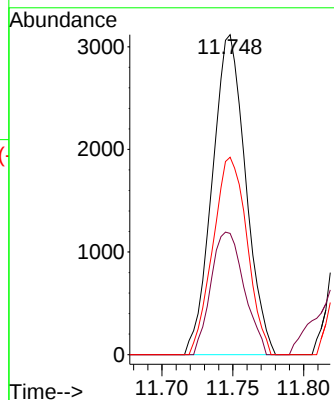
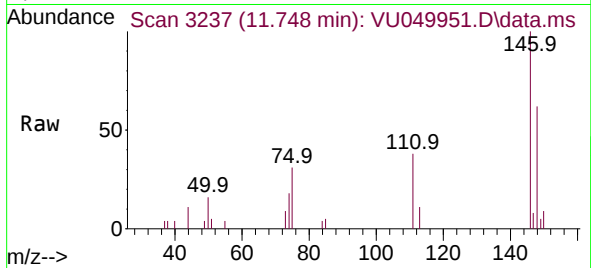




#64
1,3-Dichlorobenzene
Concen: 0.440 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU049951.D
Acq: 27 Jul 2022 16:00

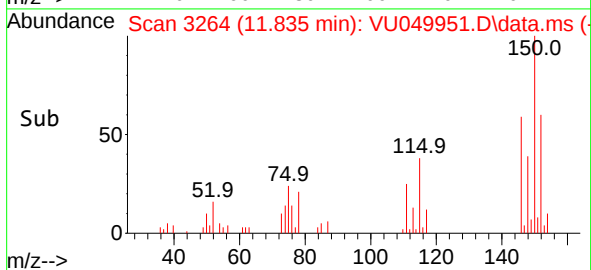
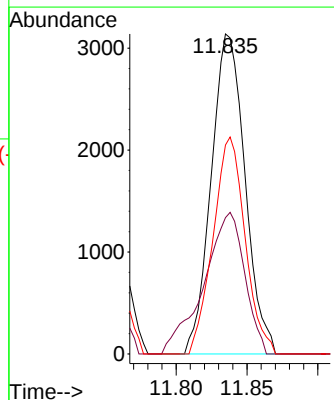
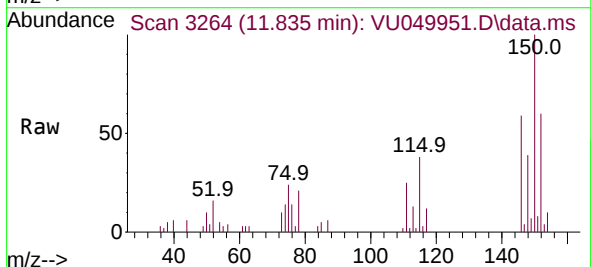
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5044

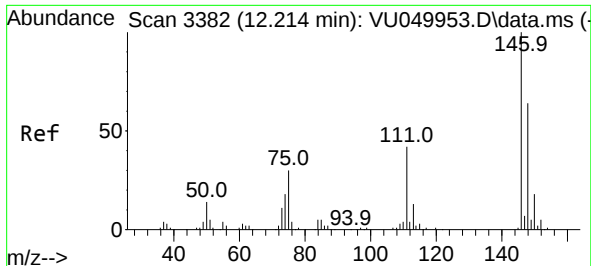
Tgt Ion:146 Resp: 5107
Ion Ratio Lower Upper
146 100
111 37.9 28.9 53.7
148 61.7 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 0.454 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU049951.D
Acq: 27 Jul 2022 16:00

Tgt Ion:146 Resp: 5208
Ion Ratio Lower Upper
146 100
111 42.6 26.4 49.0
148 65.3 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 0.459 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU049951.D

Acq: 27 Jul 2022 16:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5044

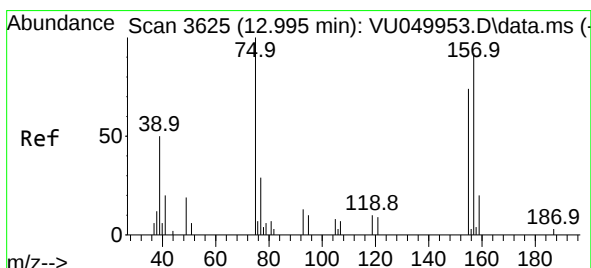
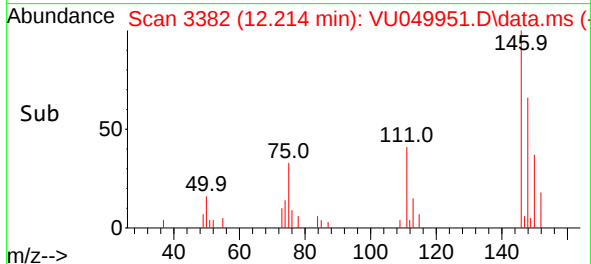
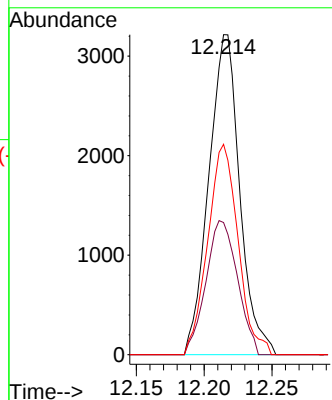
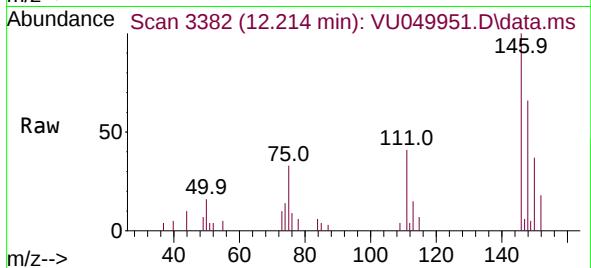
Tgt Ion:146 Resp: 5100

Ion Ratio Lower Upper

146 100

111 41.3 33.4 50.2

148 65.8 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 0.323 ug/L

RT: 13.002 min Scan# 3627

Delta R.T. 0.007 min

Lab File: VU049951.D

Acq: 27 Jul 2022 16:00

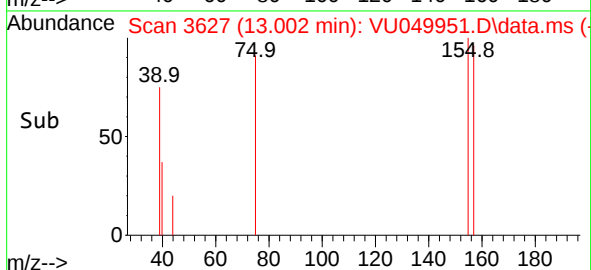
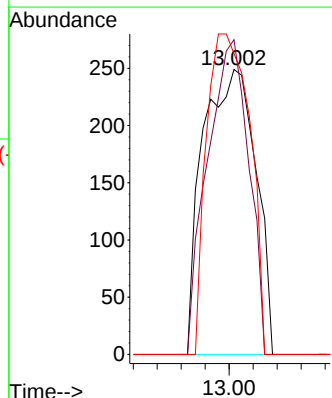
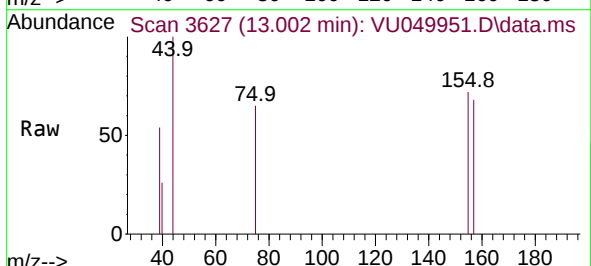
Tgt Ion: 75 Resp: 381

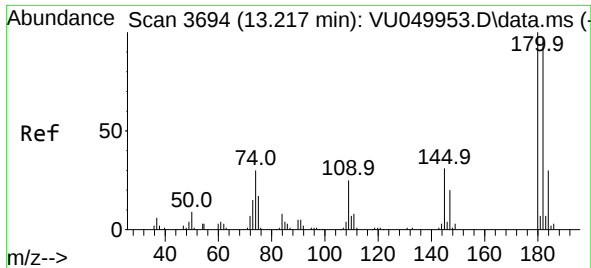
Ion Ratio Lower Upper

75 100

155 110.4 59.4 89.0#

157 105.6 73.8 110.6

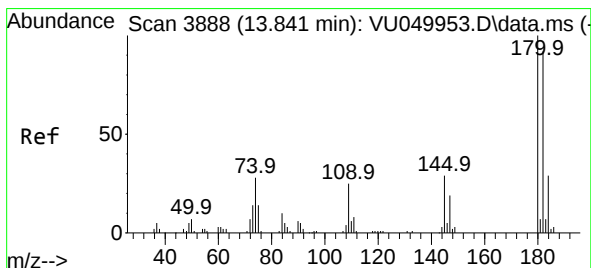
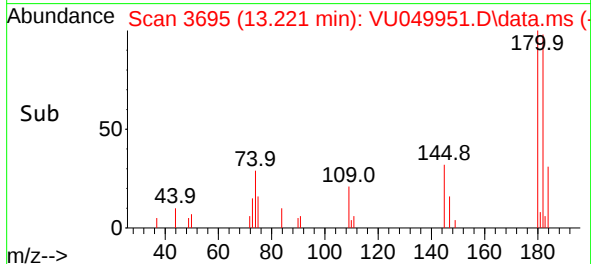
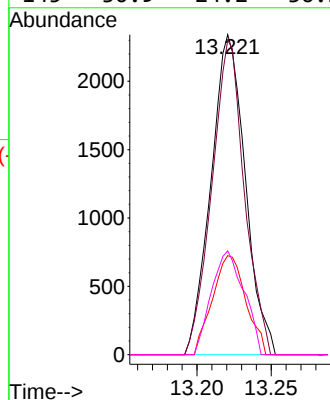
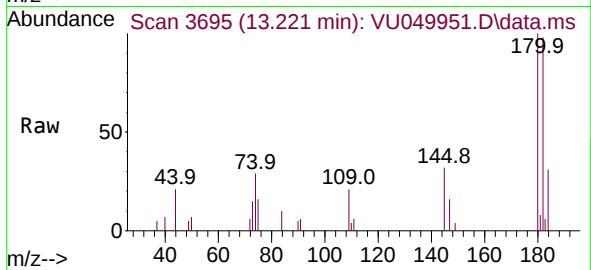




#69
1,3,5-Trichlorobenzene
Concen: 0.439 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. 0.003 min
Lab File: VU049951.D
Acq: 27 Jul 2022 16:00

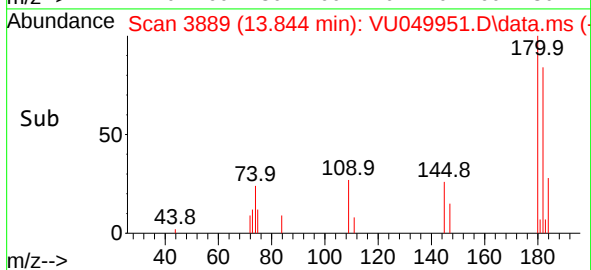
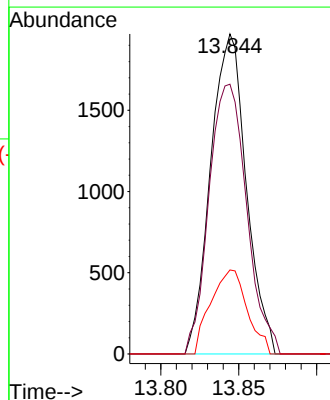
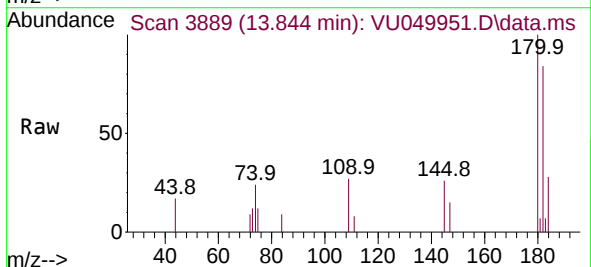
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5044

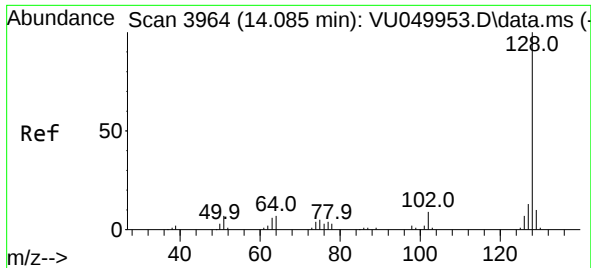
Tgt Ion:180	Resp:	3754
Ion Ratio	Lower	Upper
180	100	
182	93.1	77.2 115.8
184	30.3	23.9 35.9
145	30.9	24.2 36.2



#70
1,2,4-trichlorobenzene
Concen: 0.461 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VU049951.D
Acq: 27 Jul 2022 16:00

Tgt Ion:180	Resp:	3136
Ion Ratio	Lower	Upper
180	100	
182	89.1	75.8 113.6
145	26.8	23.8 35.8

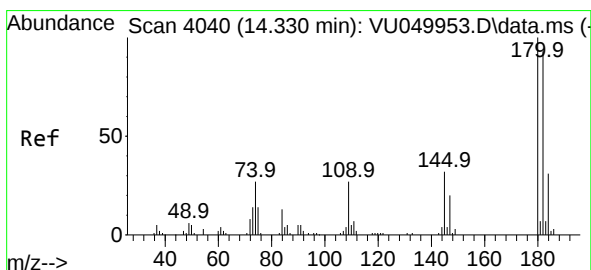
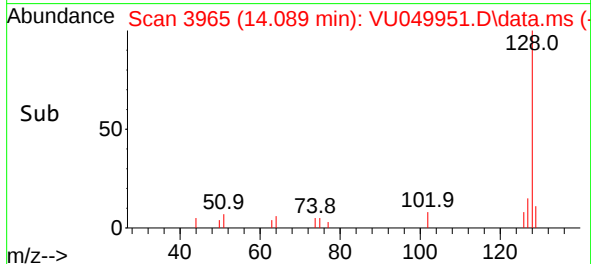
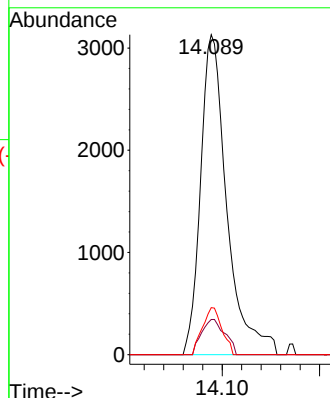
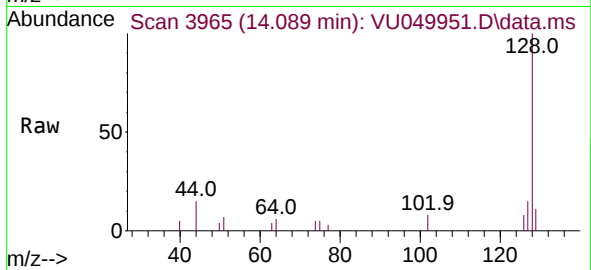




#71
Naphthalene
Concen: 0.436 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU049951.D
Acq: 27 Jul 2022 16:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5044

Tgt Ion:128	Resp:	5861
Ion Ratio	Lower	Upper
128	100	
129	9.8	8.5 12.7
127	10.9	10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 0.464 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049951.D
Acq: 27 Jul 2022 16:00

Tgt Ion:180	Resp:	2998
Ion Ratio	Lower	Upper
180	100	
182	97.3	77.0 115.4
145	30.4	26.3 39.5

