

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072922\
 Data File : VU050042.D
 Acq On : 29 Jul 2022 17:52
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005141

Quant Time: Jul 30 01:44:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 30 01:40:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	80454	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	81103	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	37860	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	28754	4.163	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.200%	
7) Chloroethane-d5	1.909	69	24576	4.953	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.000%	
11) 1,1-Dichloroethene-d2	2.562	65	10645	4.471	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.400%	
20) 2-Butanone-d5	4.636	46	89499	58.203	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.400%	
24) Chloroform-d	5.064	84	62678	5.483	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.600%	
26) 1,2-Dichloroethane-d4	5.703	65	31345	5.442	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.800%	
32) Benzene-d6	5.729	84	116345	4.855	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
36) 1,2-Dichloropropane-d6	6.694	67	40115	5.109	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.200%	
41) Toluene-d8	7.899	98	103530	4.860	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.200%	
43) trans-1,3-Dichloroprop...	8.179	79	14622	5.314	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	106.200%	
46) 2-Hexanone-d5	8.636	63	57802	56.113	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.220%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37690	5.713	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	114.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	35086	4.996	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	32295	5.201	ug/L	98
3) Chloromethane	1.520	50	39249	5.334	ug/L	96
5) Vinyl chloride	1.601	62	37972	5.491	ug/L	100
6) Bromomethane	1.855	94	22453	5.866	ug/L	98
8) Chloroethane	1.932	64	23053	5.879	ug/L	98
9) Trichlorofluoromethane	2.134	101	47078	5.780	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	26598	5.547	ug/L	98
12) 1,1-Dichloroethene	2.578	96	25494	5.742	ug/L	94
13) Acetone	2.646	43	47351	43.810	ug/L	98
14) Carbon disulfide	2.790	76	68296	5.063	ug/L	99
15) Methyl Acetate	2.958	43	13074	5.830	ug/L	98
16) Methylene chloride	3.044	84	41897	6.137	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	73516	5.923	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	27740	5.684	ug/L	99
19) 1,1-Dichloroethane	3.871	63	59593	5.952	ug/L	97
21) 2-Butanone	4.716	43	89788	57.678	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	34310	5.881	ug/L	98
23) Bromochloromethane	4.977	128	16618	6.221	ug/L	98
25) Chloroform	5.089	83	64258	5.727	ug/L	100

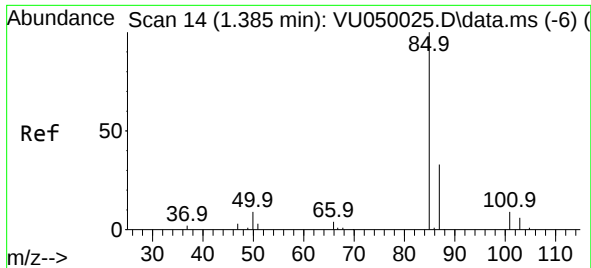
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072922\
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	38888	6.211	ug/L	99
29) 1,1,1-Trichloroethane	5.318	97	48212	5.598	ug/L	99
30) Cyclohexane	5.391	56	36381	5.005	ug/L	99
31) Carbon tetrachloride	5.527	117	39204	5.604	ug/L	97
33) Benzene	5.774	78	135035	5.705	ug/L	100
34) Trichloroethene	6.543	95	31425	5.462	ug/L	98
35) Methylcyclohexane	6.764	83	36123	4.760	ug/L	95
37) 1,2-Dichloropropane	6.790	63	37977	5.821	ug/L	100
38) Bromodichloromethane	7.108	83	46744	5.922	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	46141	5.466	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	229111	60.784	ug/L	100
42) Toluene	7.970	91	137687	5.720	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	39757	5.608	ug/L	95
45) 1,1,2-Trichloroethane	8.401	97	28846	5.918	ug/L	95
47) Tetrachloroethene	8.552	164	22257	5.375	ug/L	95
48) 2-Hexanone	8.687	43	185951	64.717	ug/L	99
49) Dibromochloromethane	8.813	129	32112	6.020	ug/L	100
50) 1,2-Dibromoethane	8.925	107	26233	6.061	ug/L #	96
51) Chlorobenzene	9.449	112	84904	5.557	ug/L	100
52) Ethylbenzene	9.571	91	128446	5.448	ug/L	99
53) m,p-Xylene	9.694	106	48221	5.371	ug/L	98
54) o-Xylene	10.102	106	49681	5.707	ug/L	98
55) Styrene	10.115	104	85211	5.747	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	38635	6.089	ug/L	97
59) Bromoform	10.292	173	18126	5.956	ug/L	99
60) Isopropylbenzene	10.485	105	120736	5.398	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	25993	5.912	ug/L	95
62) 1,3,5-Trimethylbenzene	11.089	105	94433	5.197	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	92337	5.244	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	59699	5.575	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	58532	5.524	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	59699	5.611	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	5231	6.023	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.221	180	39974	5.177	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	29664	4.816	ug/L	97
71) Naphthalene	14.086	128	54405	4.455	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	31153	5.096	ug/L	98

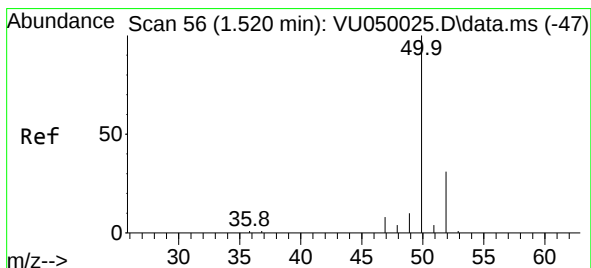
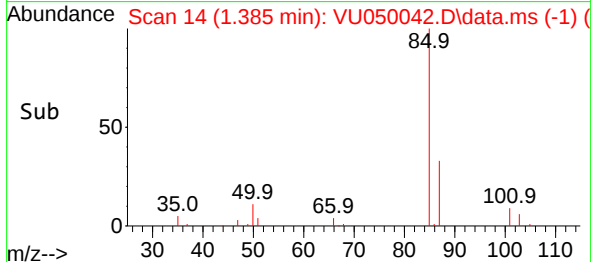
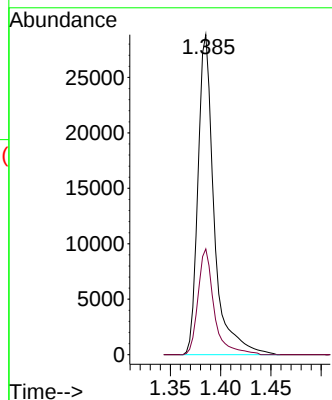
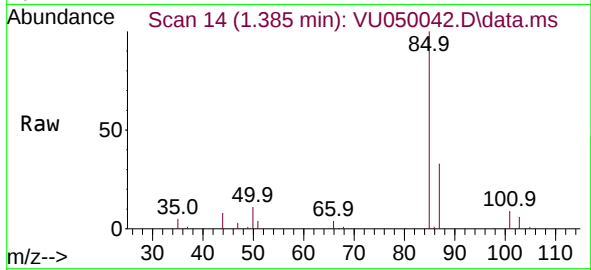
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#2
Dichlorodifluoromethane
Concen: 5.201 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

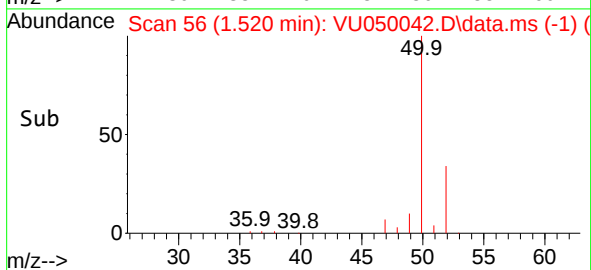
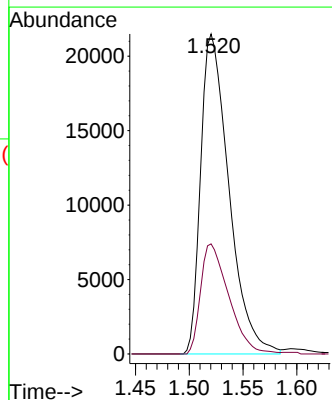
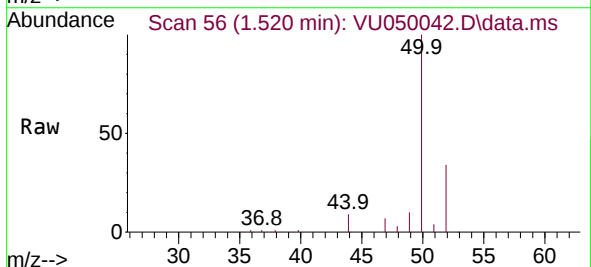
Instrument :
MSVOA_U
ClientSampleId :
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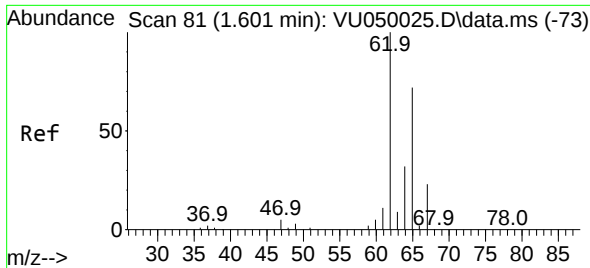
Tgt Ion: 85 Resp: 32295
Ion Ratio Lower Upper
85 100
87 33.0 25.7 38.5



#3
Chloromethane
Concen: 5.334 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

Tgt Ion: 50 Resp: 39249
Ion Ratio Lower Upper
50 100
52 34.4 22.4 41.6

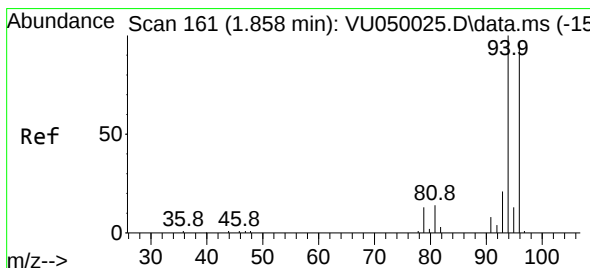
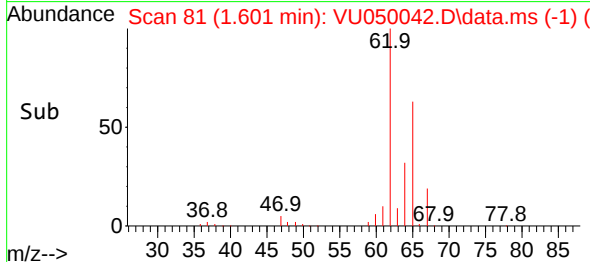
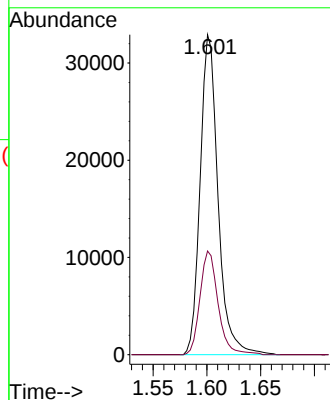
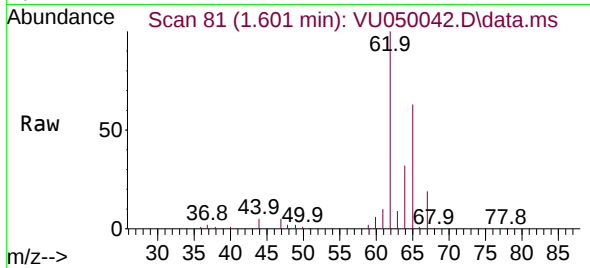




#5
 Vinyl chloride
 Concen: 5.491 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050042.D
 Acq: 29 Jul 2022 17:52

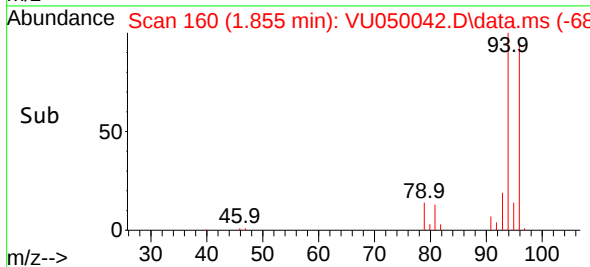
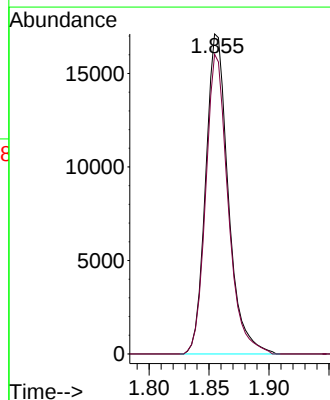
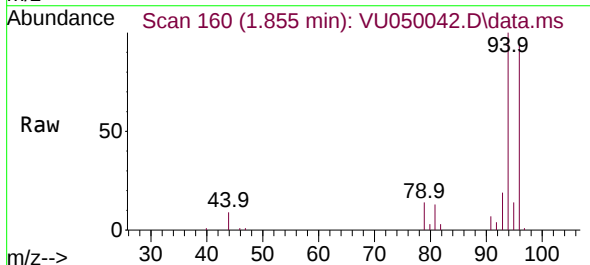
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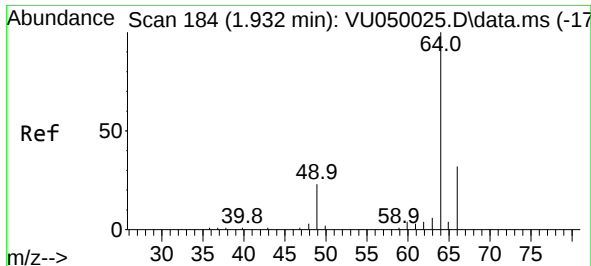
Tgt Ion: 62 Resp: 37972
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.5 41.9



#6
 Bromomethane
 Concen: 5.866 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. -0.003 min
 Lab File: VU050042.D
 Acq: 29 Jul 2022 17:52

Tgt Ion: 94 Resp: 22453
 Ion Ratio Lower Upper
 94 100
 96 93.7 64.5 119.9

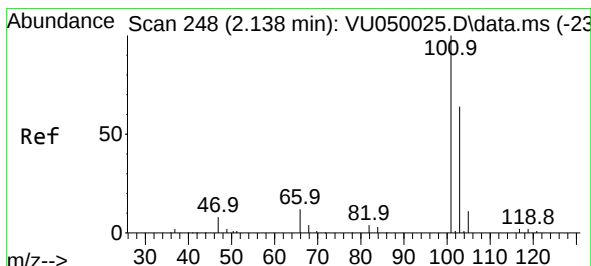
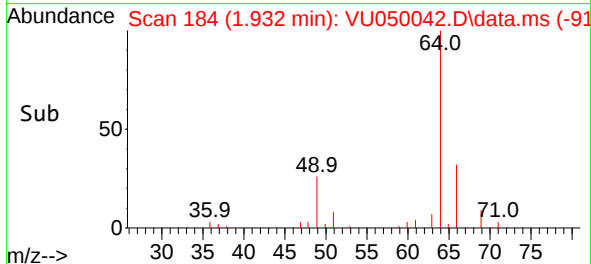
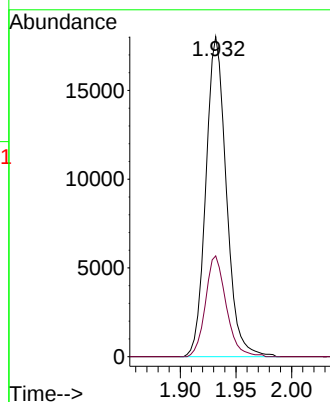
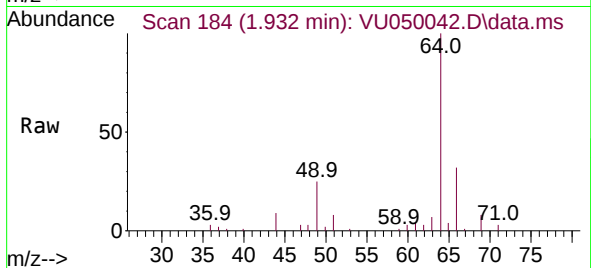




#8
Chloroethane
Concen: 5.879 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

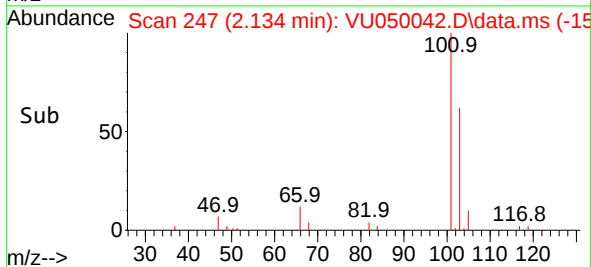
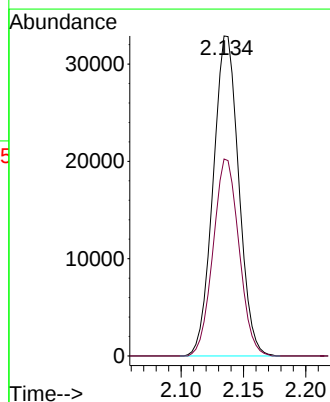
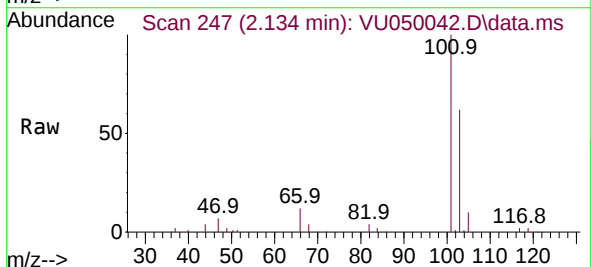
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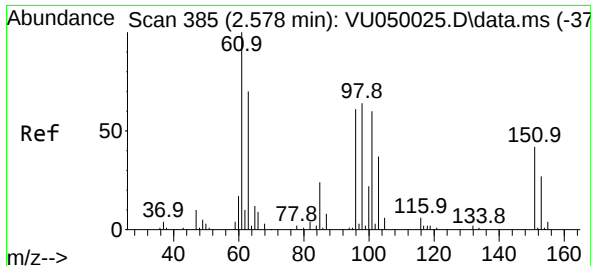
Tgt Ion: 64 Resp: 23053
Ion Ratio Lower Upper
64 100
66 31.5 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.780 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

Tgt Ion:101 Resp: 47078
Ion Ratio Lower Upper
101 100
103 62.2 51.0 76.6

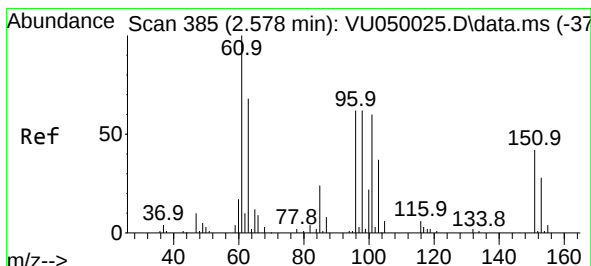
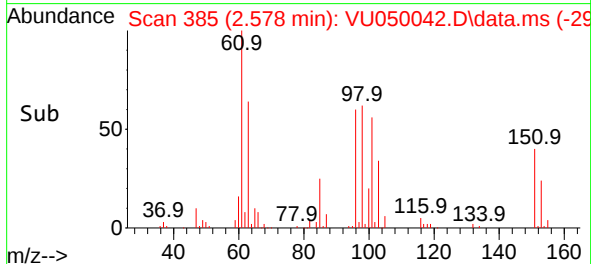
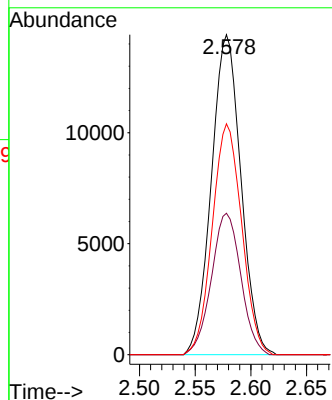
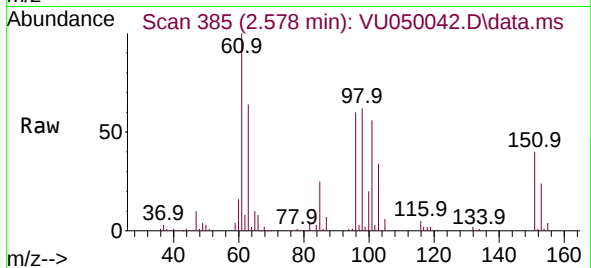




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.547 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU050042.D
 Acq: 29 Jul 2022 17:52

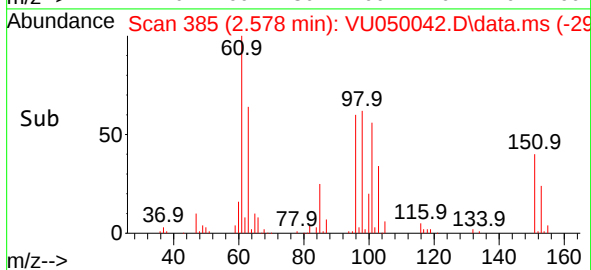
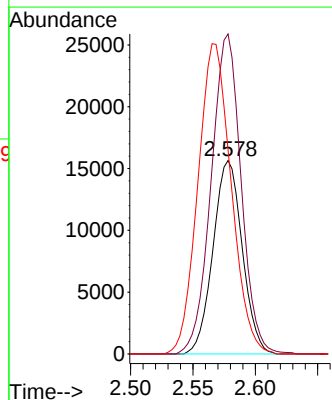
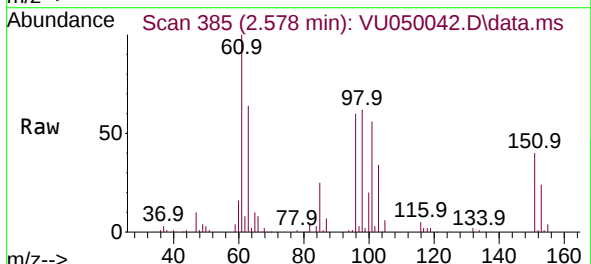
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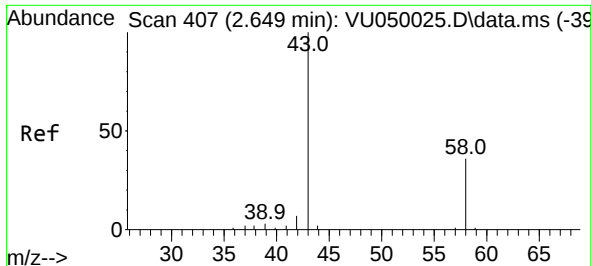
Tgt Ion:101 Resp: 26598
 Ion Ratio Lower Upper
 101 100
 85 44.1 34.1 51.1
 151 71.9 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 5.742 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU050042.D
 Acq: 29 Jul 2022 17:52

Tgt Ion: 96 Resp: 25494
 Ion Ratio Lower Upper
 96 100
 61 165.4 115.7 214.9
 63 105.6 84.8 157.4





#13

Acetone

Concen: 43.810 ug/L

RT: 2.646 min Scan# 407

Delta R.T. -0.003 min

Lab File: VU050042.D

Acq: 29 Jul 2022 17:52

Instrument :

MSVOA_U

ClientSampleId :

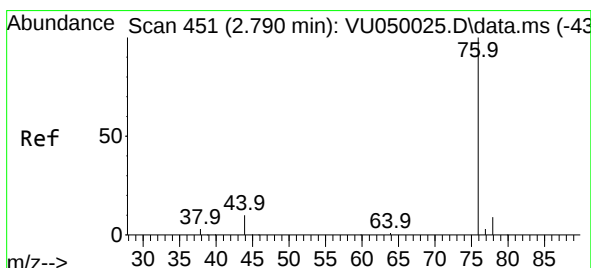
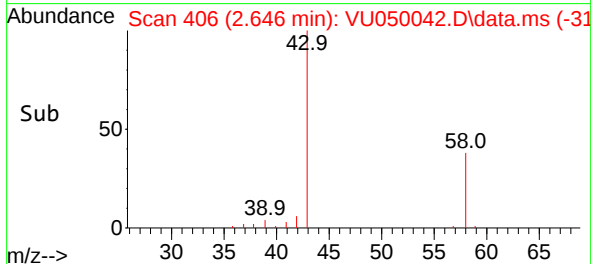
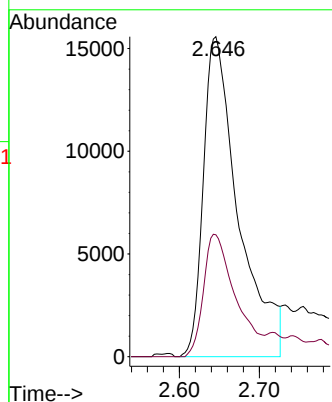
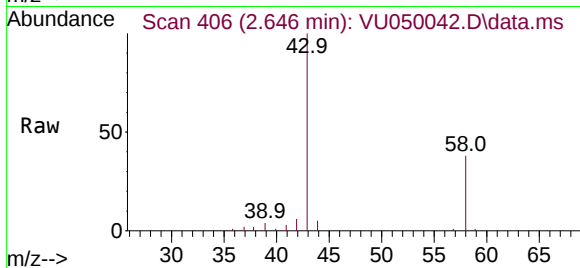
VSTD005141

Tgt Ion: 43 Resp: 47351

Ion Ratio Lower Upper

43 100

58 35.3 0.0 73.0



#14

Carbon disulfide

Concen: 5.063 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU050042.D

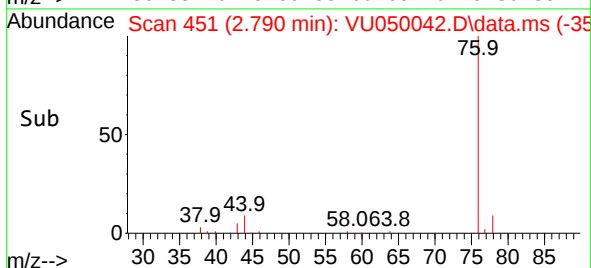
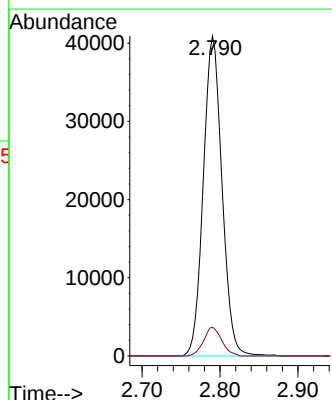
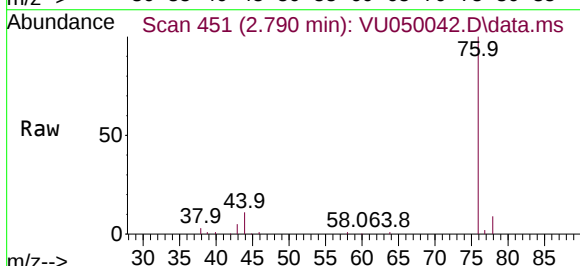
Acq: 29 Jul 2022 17:52

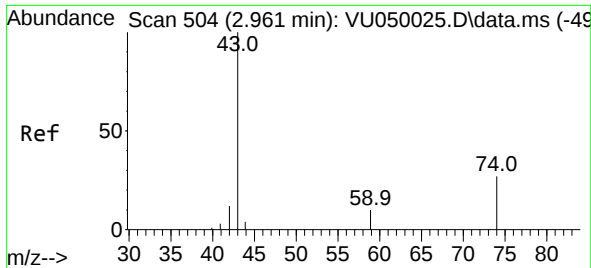
Tgt Ion: 76 Resp: 68296

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

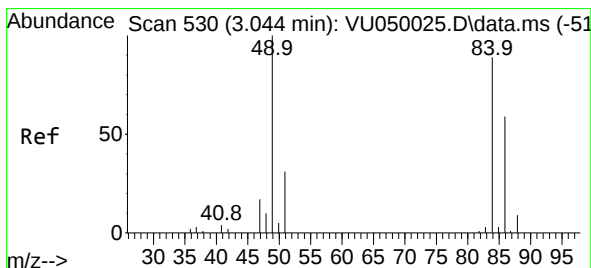
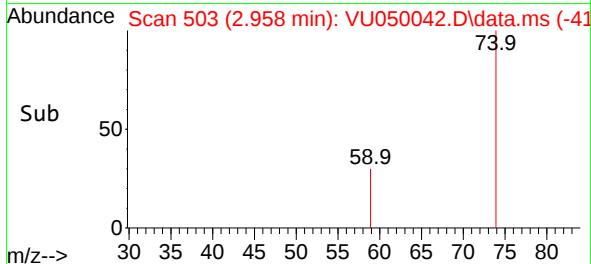
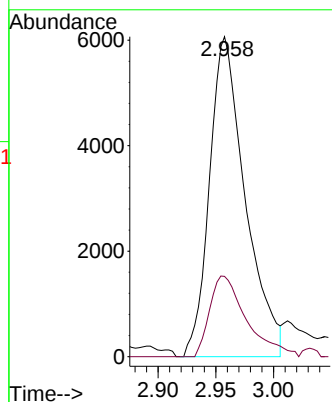
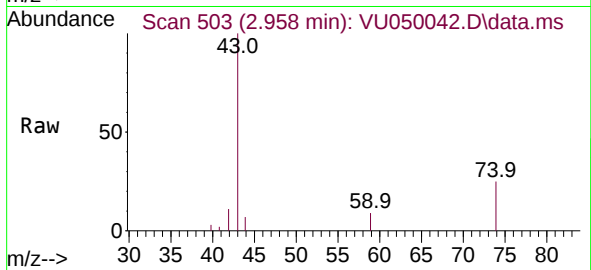




#15
Methyl Acetate
Concen: 5.830 ug/L
RT: 2.958 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

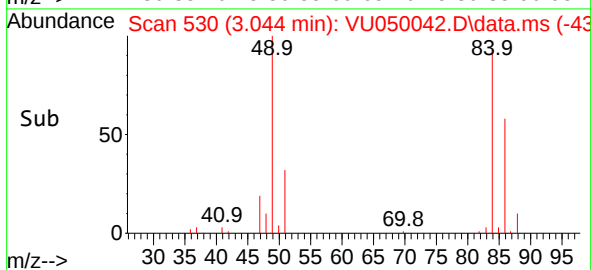
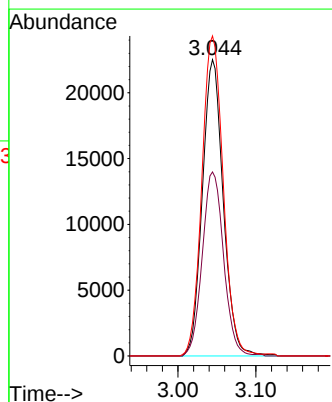
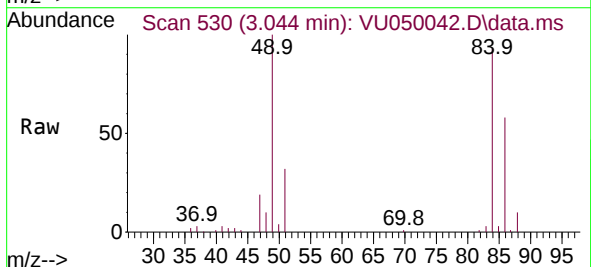
Instrument :
MSVOA_U
ClientSampleId :
VSTD005141

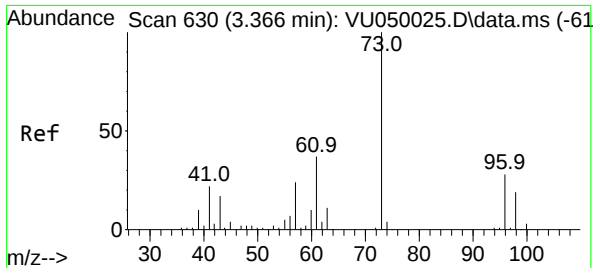
Tgt Ion: 43 Resp: 13074
Ion Ratio Lower Upper
43 100
74 25.9 21.6 32.4



#16
Methylene chloride
Concen: 6.137 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

Tgt Ion: 84 Resp: 41897
Ion Ratio Lower Upper
84 100
86 62.1 45.2 84.0
49 108.0 77.6 144.0

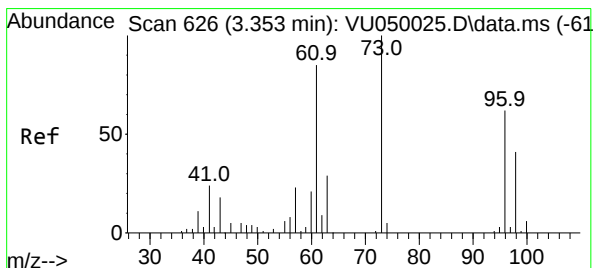
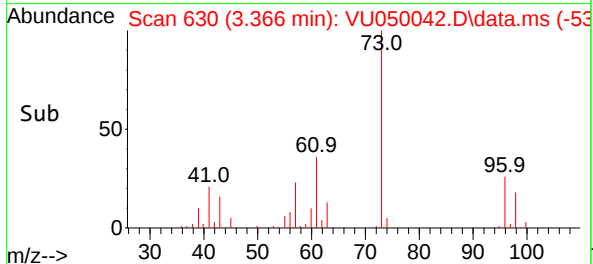
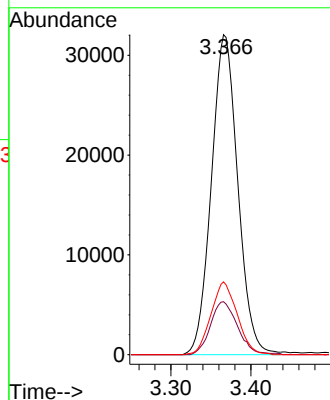
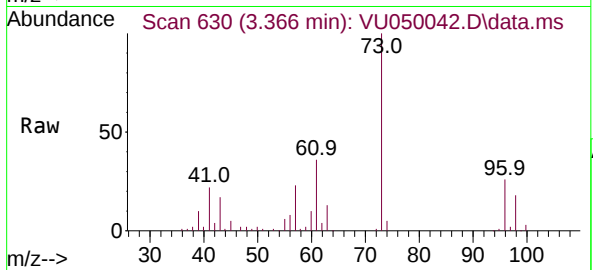




#17
Methyl tert-butyl Ether
Concen: 5.923 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

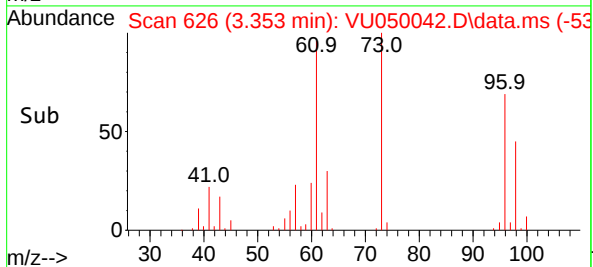
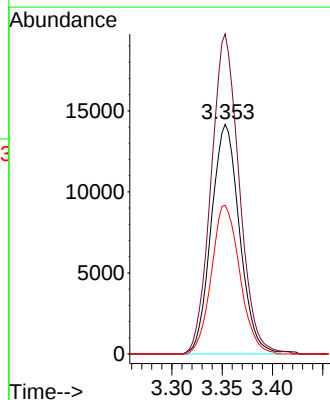
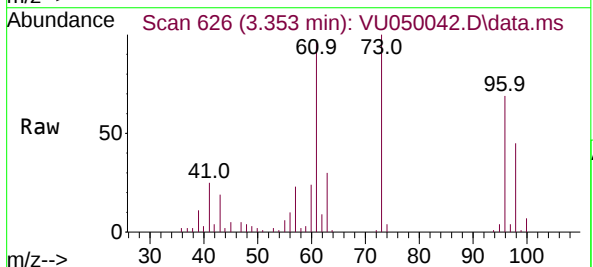
Instrument :
MSVOA_U
ClientSampleId :
VSTD005141

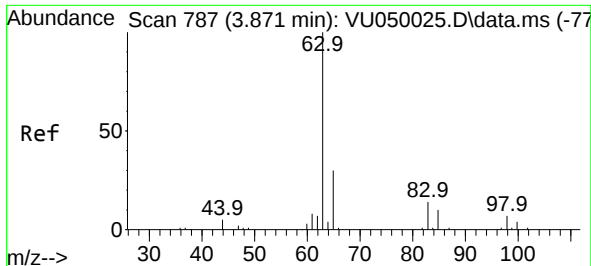
Tgt Ion: 73	Resp:	73516	
Ion	Ratio	Lower	Upper
73	100		
43	16.9	13.8	20.6
57	22.6	17.9	26.9



#18
trans-1,2-Dichloroethene
Concen: 5.684 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

Tgt Ion: 96	Resp:	27740	
Ion	Ratio	Lower	Upper
96	100		
61	139.3	98.0	182.0
98	64.7	44.5	82.7





#19

1,1-Dichloroethane

Concen: 5.952 ug/L

RT: 3.871 min Scan# 787

Delta R.T. 0.000 min

Lab File: VU050042.D

Acq: 29 Jul 2022 17:52

Instrument :

MSVOA_U

ClientSampleId :

VSTD005141

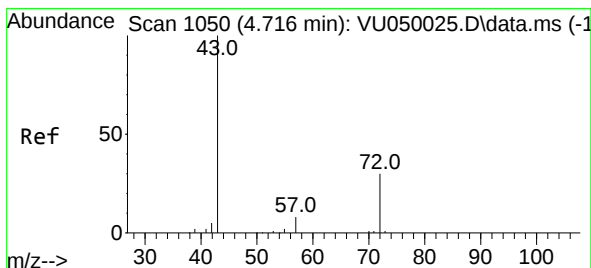
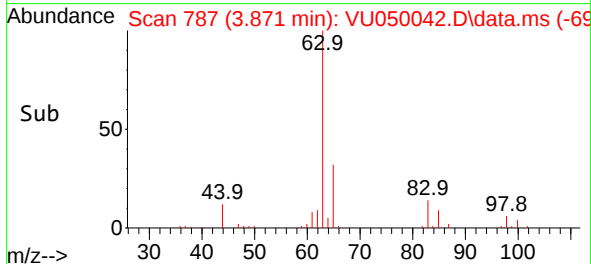
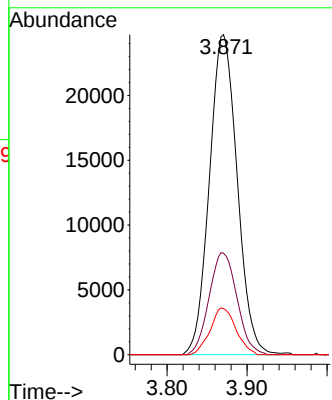
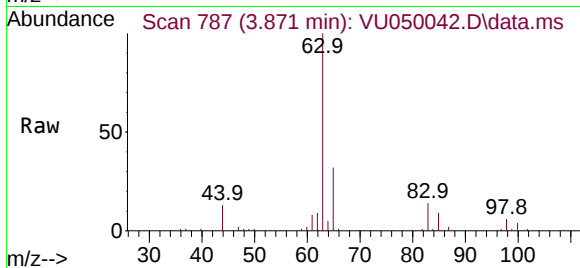
Tgt Ion: 63 Resp: 59593

Ion Ratio Lower Upper

63 100

65 31.7 23.4 43.6

83 14.4 9.4 17.4



#21

2-Butanone

Concen: 57.678 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.000 min

Lab File: VU050042.D

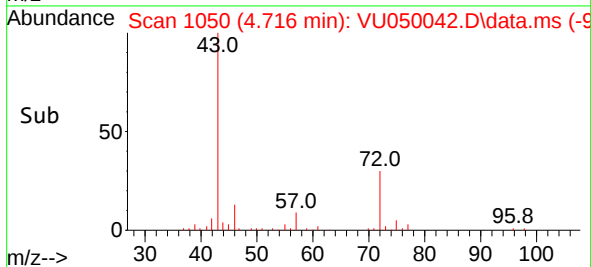
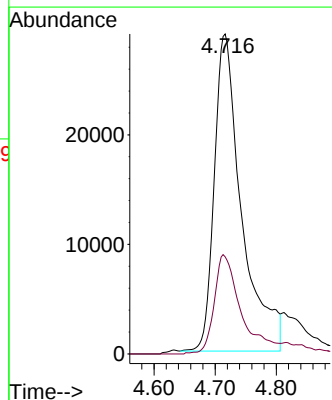
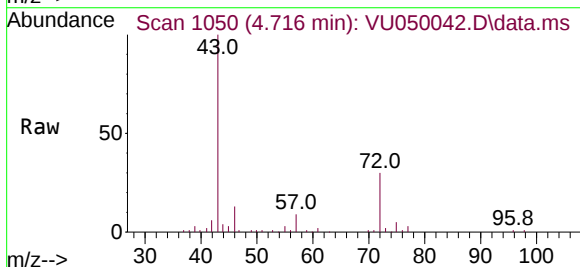
Acq: 29 Jul 2022 17:52

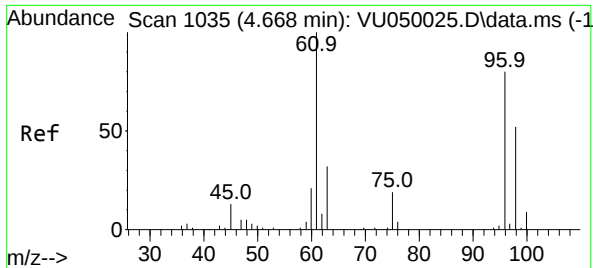
Tgt Ion: 43 Resp: 89788

Ion Ratio Lower Upper

43 100

72 31.1 15.8 47.3

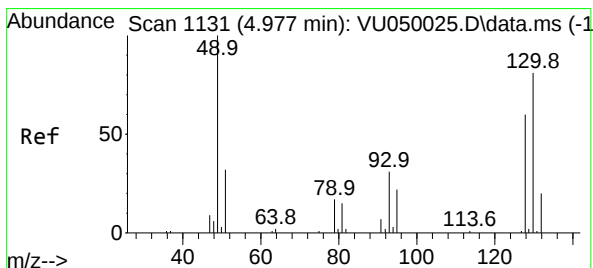
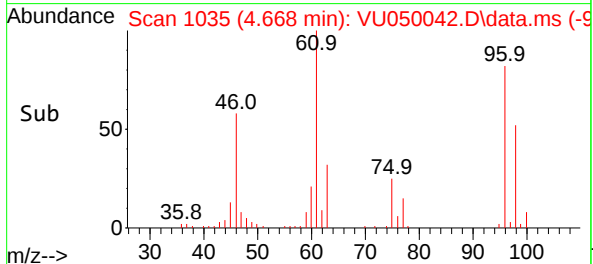
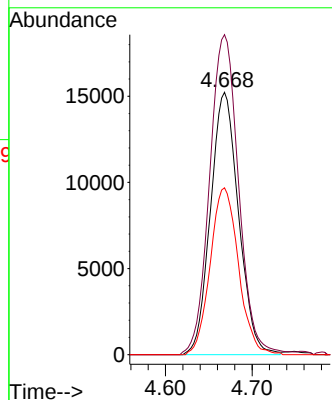
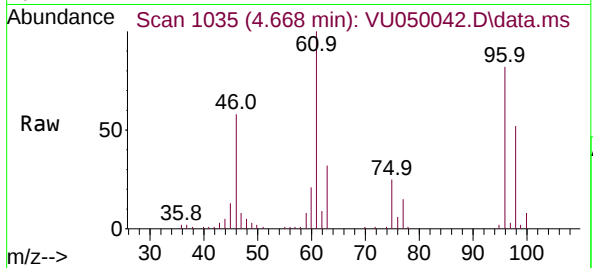




#22
 cis-1,2-Dichloroethene
 Concen: 5.881 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU050042.D
 Acq: 29 Jul 2022 17:52

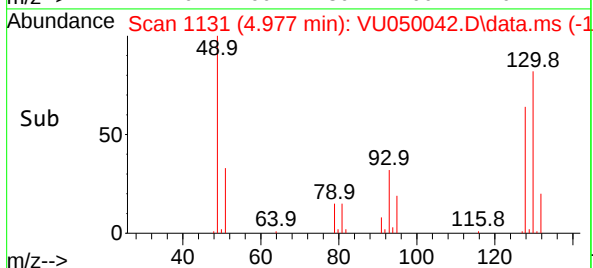
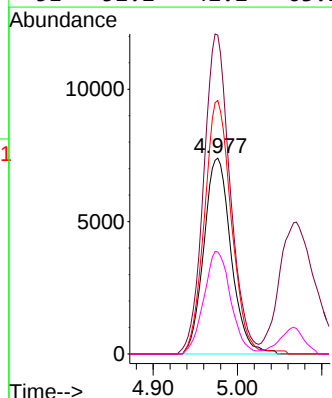
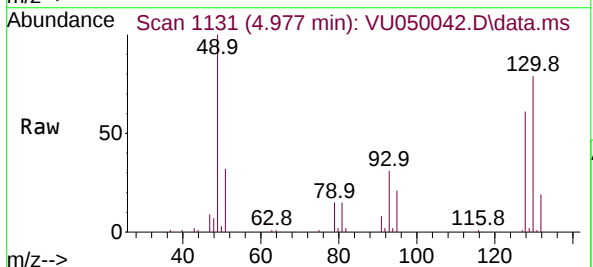
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005141

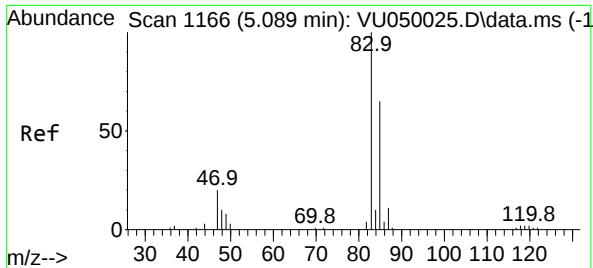
Tgt Ion: 96 Resp: 34310
 Ion Ratio Lower Upper
 96 100
 61 122.0 87.2 161.9
 98 63.6 44.7 83.1



#23
 Bromochloromethane
 Concen: 6.221 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU050042.D
 Acq: 29 Jul 2022 17:52

Tgt Ion: 128 Resp: 16618
 Ion Ratio Lower Upper
 128 100
 49 162.8 111.4 207.0
 130 129.4 88.7 164.7
 51 52.2 42.2 63.2





#25

Chloroform

Concen: 5.727 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU050042.D

Acq: 29 Jul 2022 17:52

Instrument :

MSVOA_U

ClientSampleId :

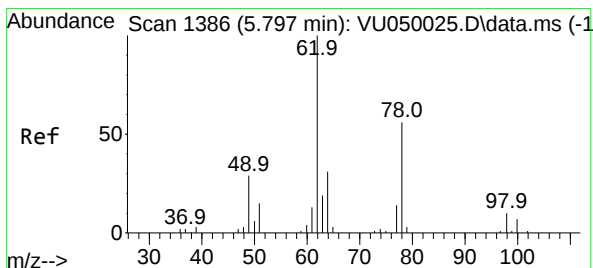
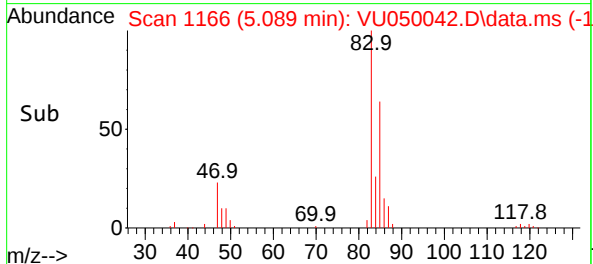
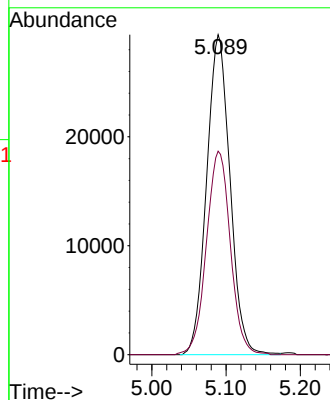
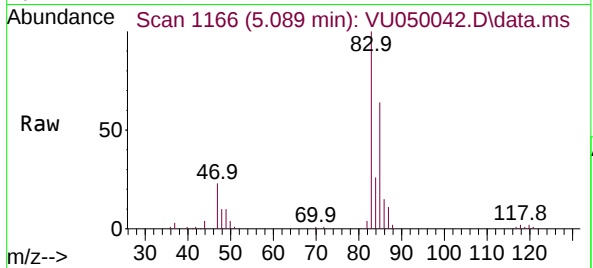
VSTD005141

Tgt Ion: 83 Resp: 64258

Ion Ratio Lower Upper

83 100

85 63.6 44.4 82.4



#27

1,2-Dichloroethane

Concen: 6.211 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU050042.D

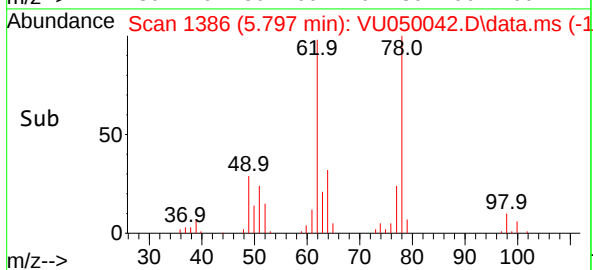
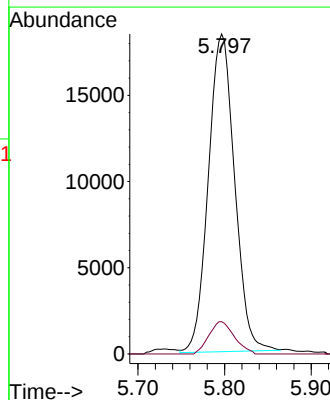
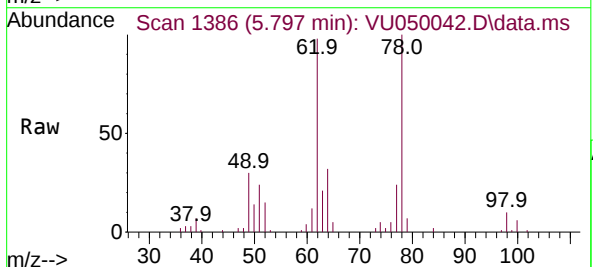
Acq: 29 Jul 2022 17:52

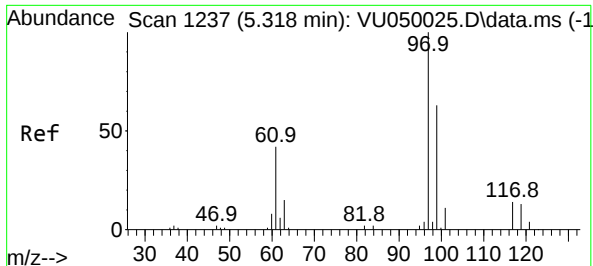
Tgt Ion: 62 Resp: 38888

Ion Ratio Lower Upper

62 100

98 10.1 7.9 11.9

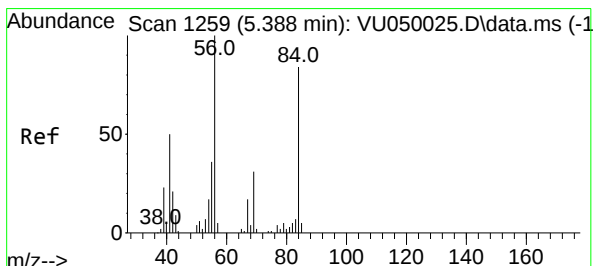
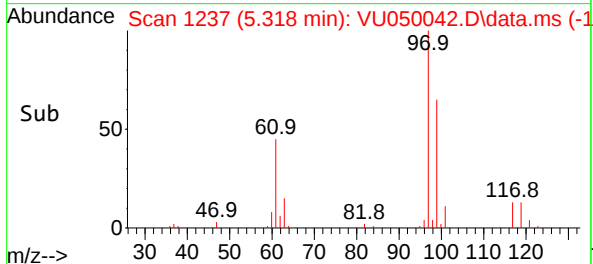
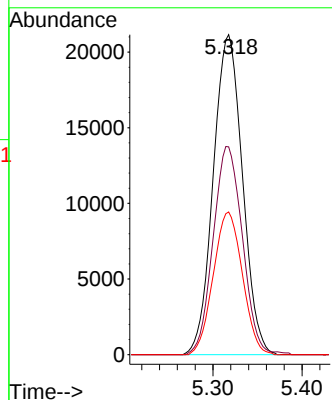
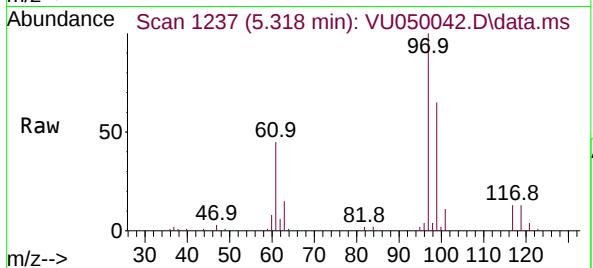




#29
1,1,1-Trichloroethane
Concen: 5.598 ug/L
RT: 5.318 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

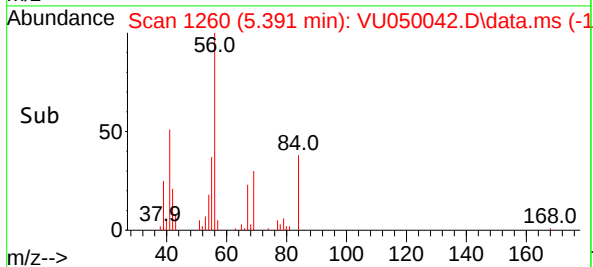
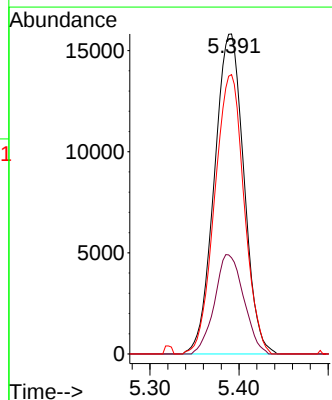
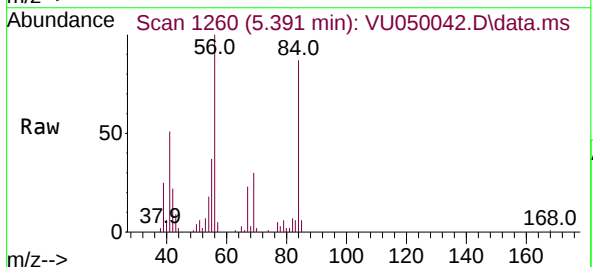
Instrument :
MSVOA_U
ClientSampleId :
VSTD005141

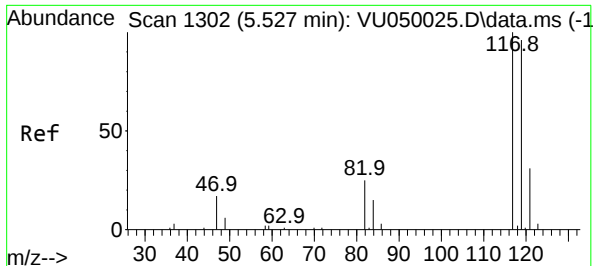
Tgt Ion: 97	Resp: 48212
Ion Ratio	Lower Upper
97 100	
99 65.3	52.0 78.0
61 44.4	35.0 52.6



#30
Cyclohexane
Concen: 5.005 ug/L
RT: 5.391 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

Tgt Ion: 56	Resp: 36381
Ion Ratio	Lower Upper
56 100	
69 30.6	25.1 37.7
84 87.0	70.1 105.1

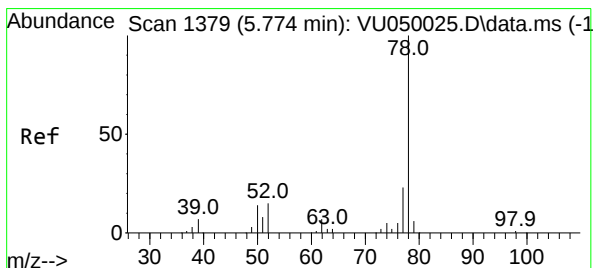
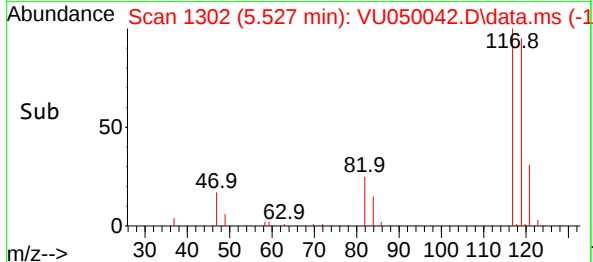
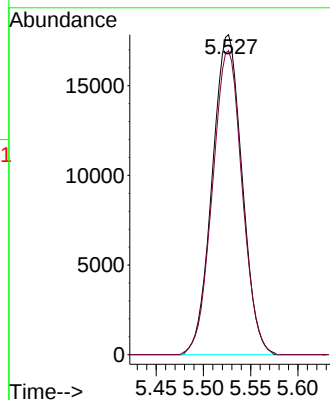
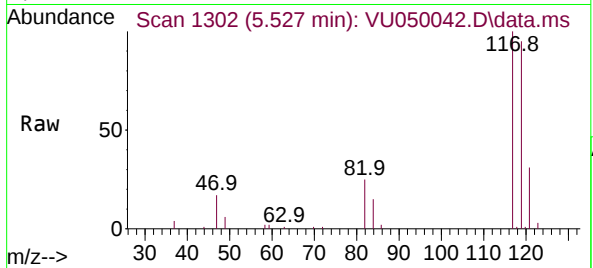




#31
Carbon tetrachloride
Concen: 5.604 ug/L
RT: 5.527 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

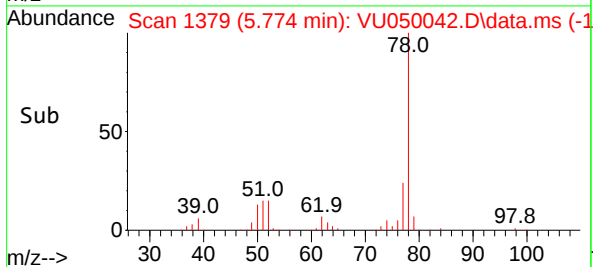
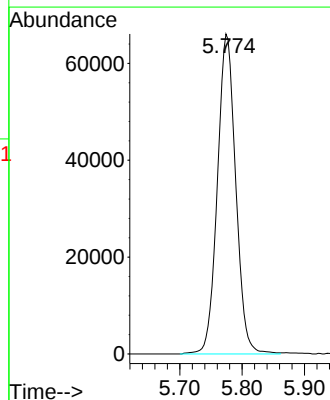
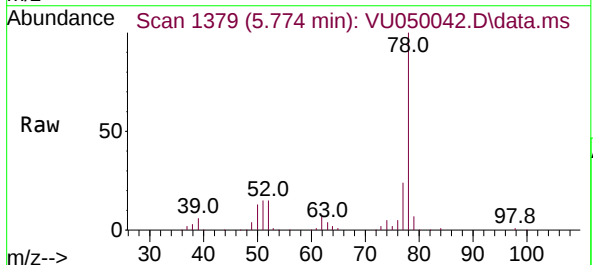
Instrument :
MSVOA_U
ClientSampleId :
VSTD005141

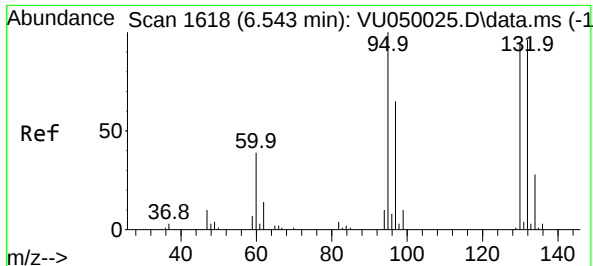
Tgt Ion:117 Resp: 39204
Ion Ratio Lower Upper
117 100
119 94.7 77.8 116.6



#33
Benzene
Concen: 5.705 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

Tgt Ion: 78 Resp: 135035

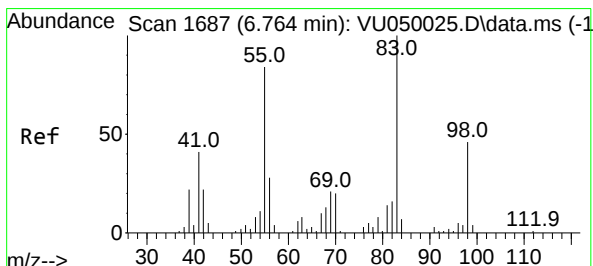
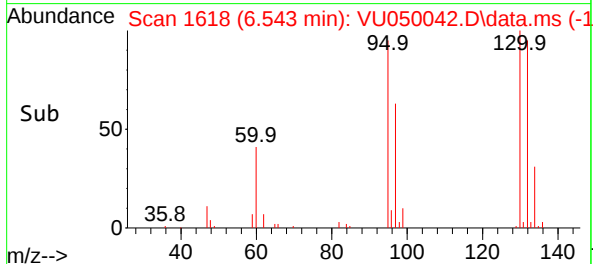
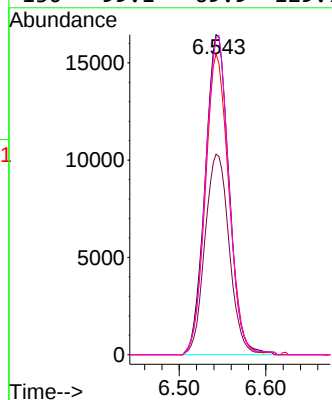
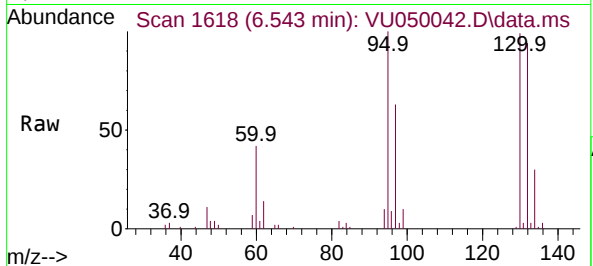




#34
Trichloroethene
Concen: 5.462 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

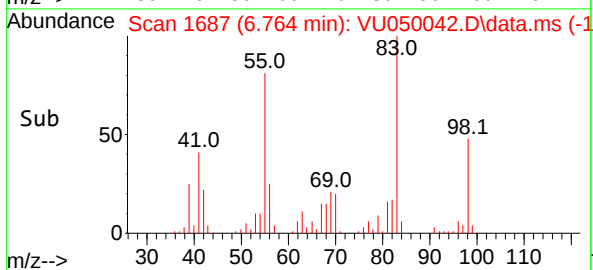
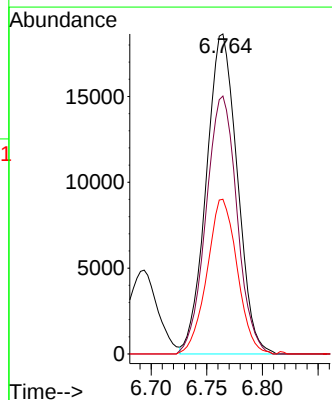
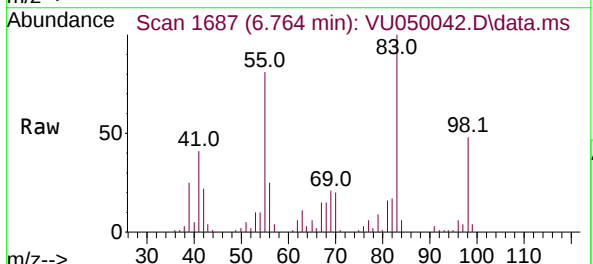
Instrument :
MSVOA_U
ClientSampleId :
VSTD005141

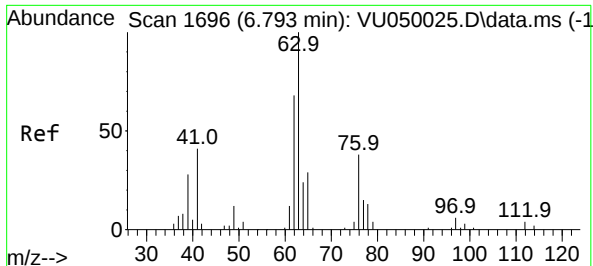
Tgt Ion: 95 Resp: 31425
Ion Ratio Lower Upper
95 100
97 62.7 45.6 84.8
132 94.0 66.8 124.2
130 99.1 69.9 129.7



#35
Methylcyclohexane
Concen: 4.760 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

Tgt Ion: 83 Resp: 36123
Ion Ratio Lower Upper
83 100
55 80.5 61.6 92.4
98 47.0 34.8 52.2

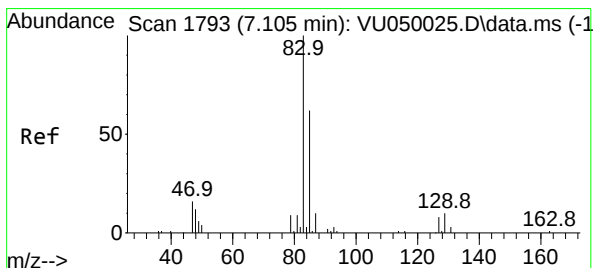
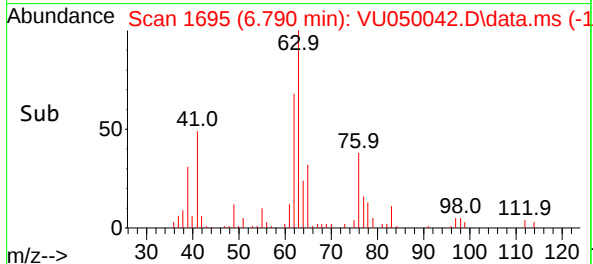
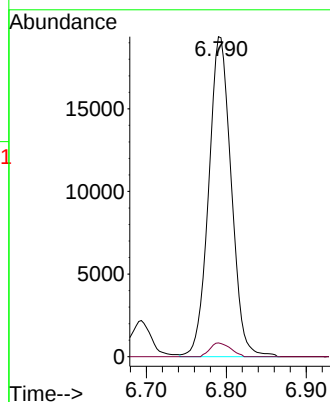
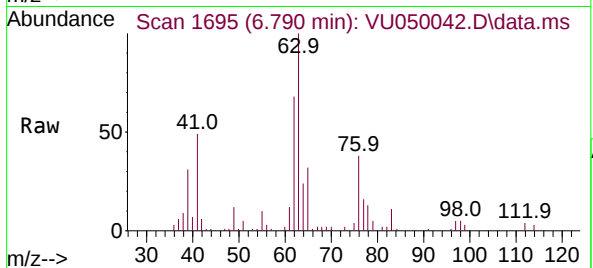




#37
1,2-Dichloropropane
Concen: 5.821 ug/L
RT: 6.790 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

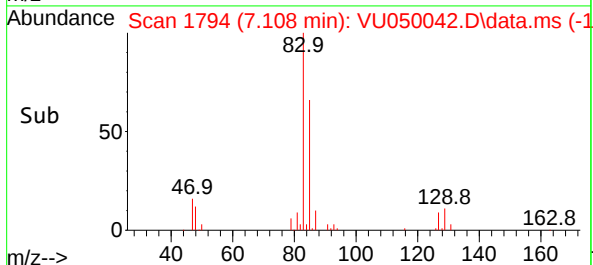
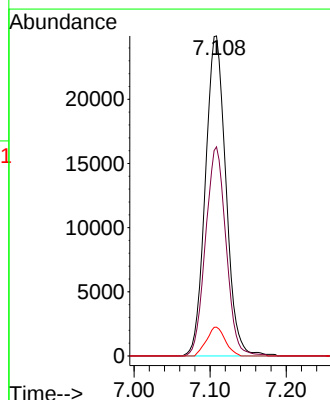
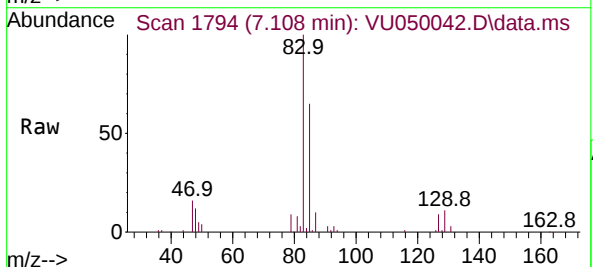
Instrument :
MSVOA_U
ClientSampleId :
VSTD005141

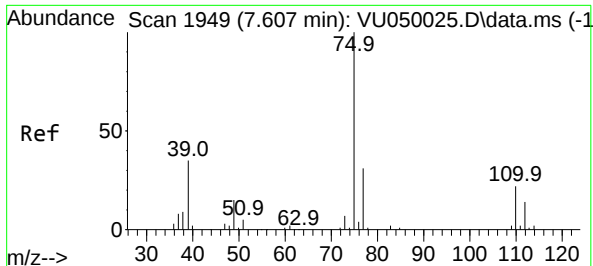
Tgt Ion: 63 Resp: 37977
Ion Ratio Lower Upper
63 100
112 3.9 3.0 4.6



#38
Bromodichloromethane
Concen: 5.922 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.003 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

Tgt Ion: 83 Resp: 46744
Ion Ratio Lower Upper
83 100
85 65.4 44.9 83.5
127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.466 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050042.D

Acq: 29 Jul 2022 17:52

Instrument :

MSVOA_U

ClientSampleId :

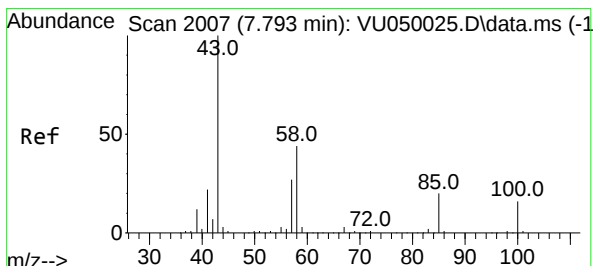
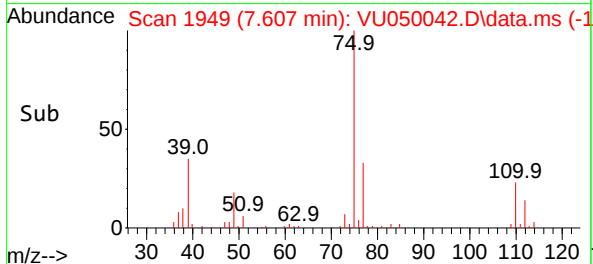
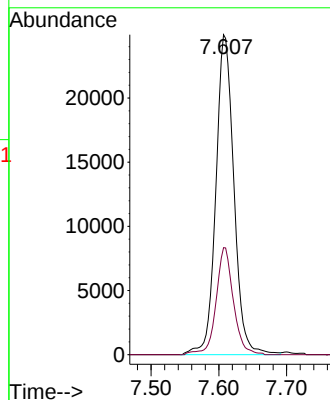
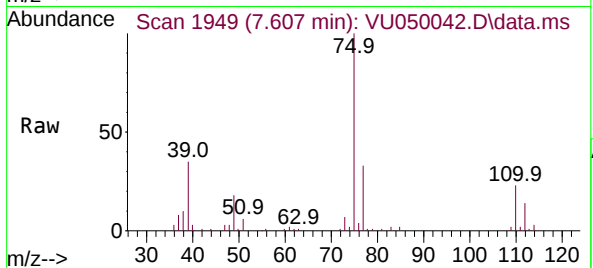
VSTD005141

Tgt Ion: 75 Resp: 46141

Ion Ratio Lower Upper

75 100

77 33.5 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 60.784 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU050042.D

Acq: 29 Jul 2022 17:52

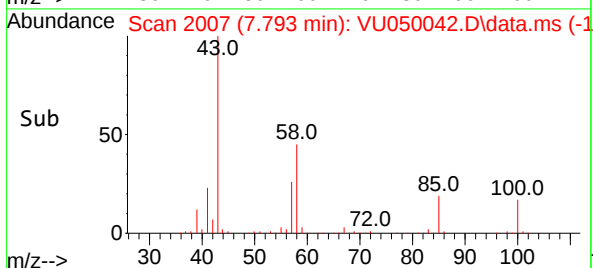
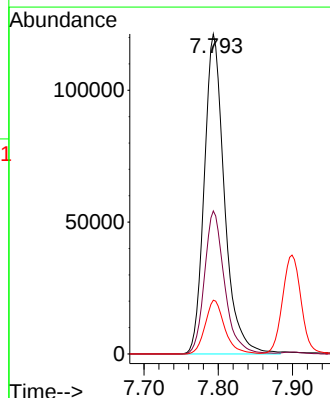
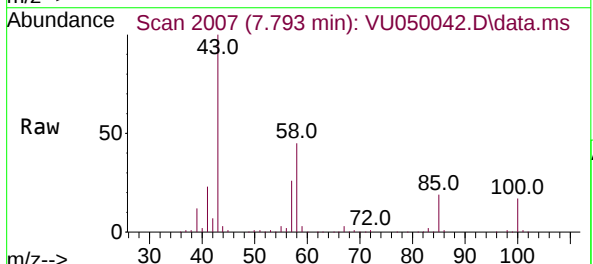
Tgt Ion: 43 Resp: 229111

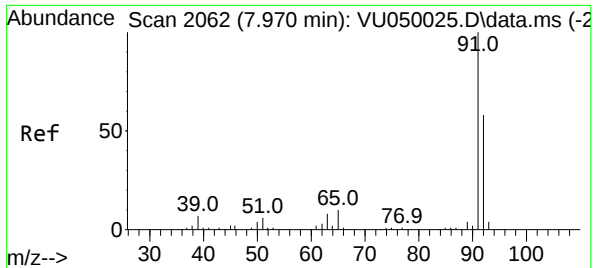
Ion Ratio Lower Upper

43 100

58 44.4 35.5 53.3

100 16.2 13.2 19.8





#42

Toluene

Concen: 5.720 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050042.D

Acq: 29 Jul 2022 17:52

Instrument :

MSVOA_U

ClientSampleId :

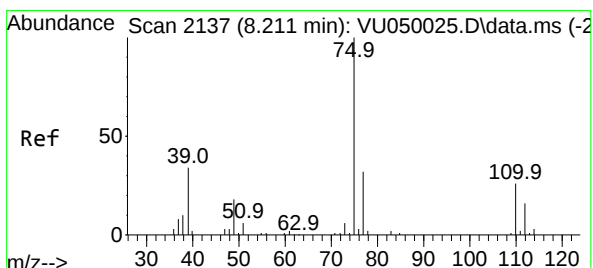
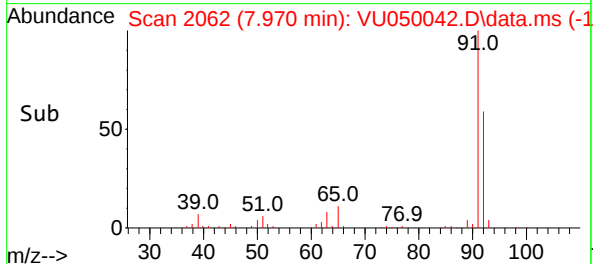
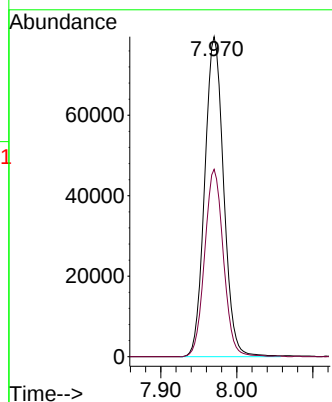
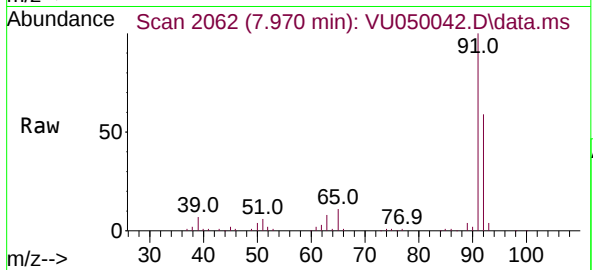
VSTD005141

Tgt Ion: 91 Resp: 137687

Ion Ratio Lower Upper

91 100

92 58.5 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.608 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU050042.D

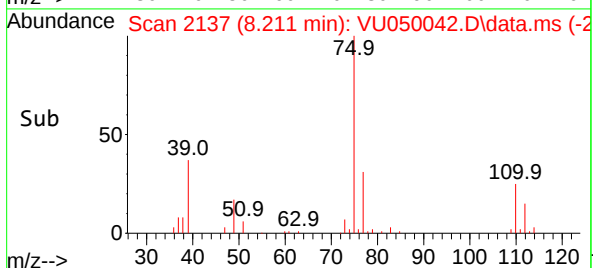
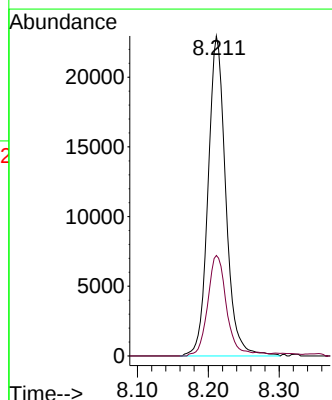
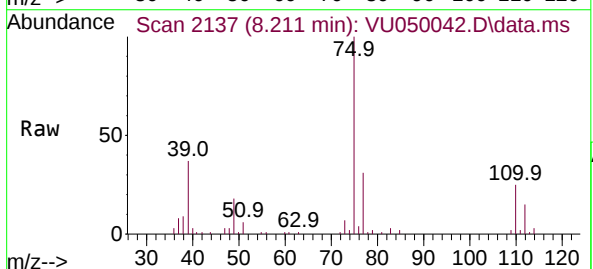
Acq: 29 Jul 2022 17:52

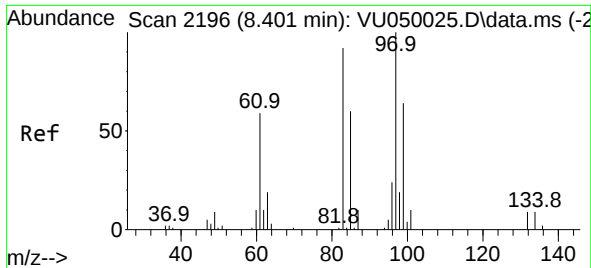
Tgt Ion: 75 Resp: 39757

Ion Ratio Lower Upper

75 100

77 31.4 24.1 44.8

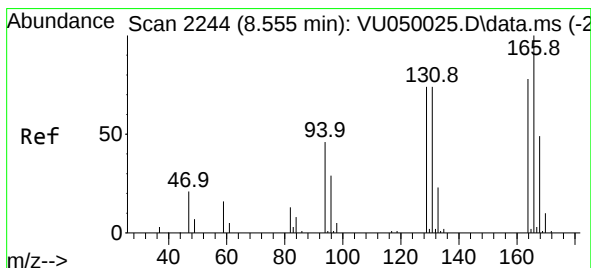
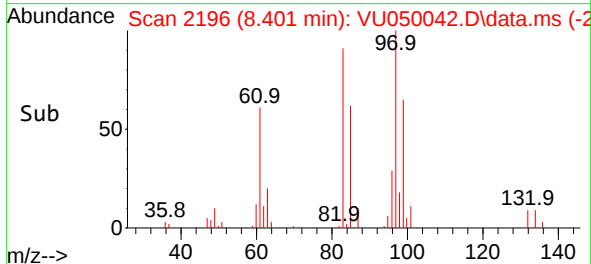
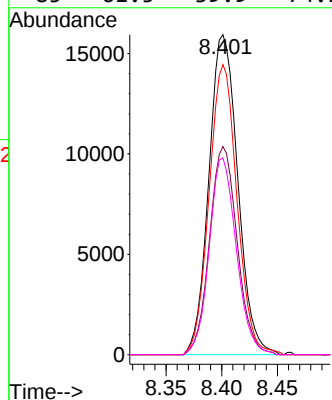
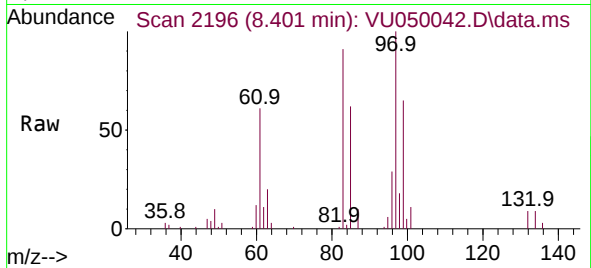




#45
1,1,2-Trichloroethane
Concen: 5.918 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

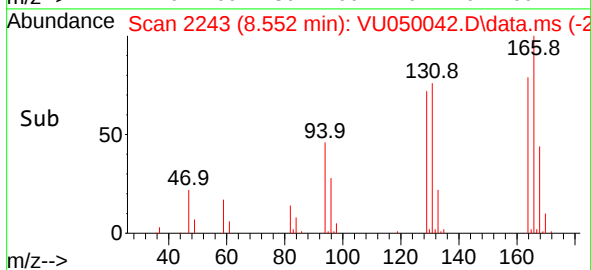
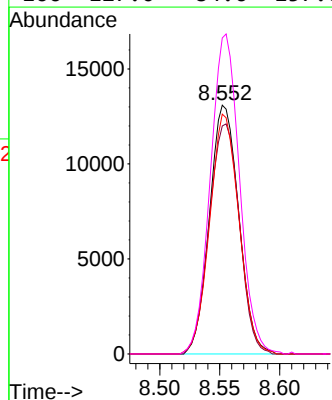
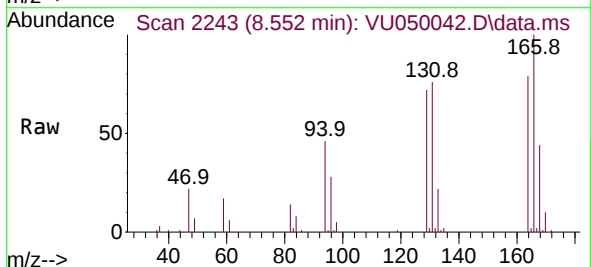
Instrument :
MSVOA_U
ClientSampleId :
VSTD005141

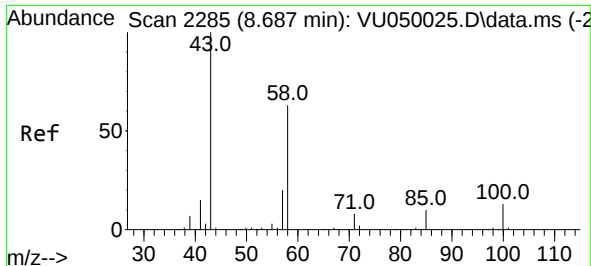
Tgt Ion:	97	Resp:	28846
Ion	Ratio	Lower	Upper
97	100		
99	65.0	43.5	80.9
83	90.7	59.9	111.3
85	61.5	39.9	74.1



#47
Tetrachloroethene
Concen: 5.375 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

Tgt Ion:	164	Resp:	22257
Ion	Ratio	Lower	Upper
164	100		
129	91.6	66.3	123.1
131	96.4	63.1	117.1
166	127.0	84.6	157.0

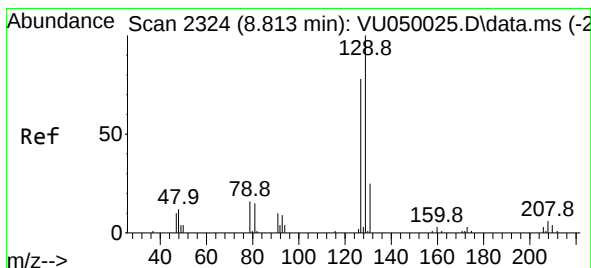
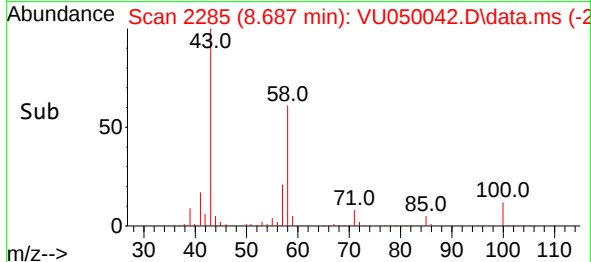
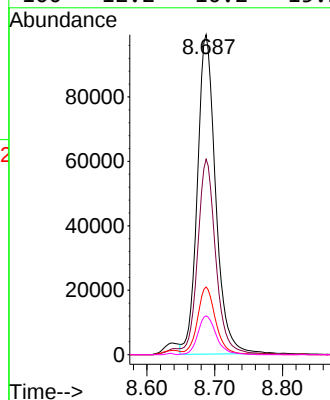
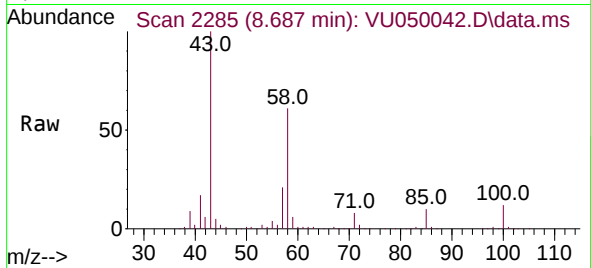




#48
2-Hexanone
Concen: 64.717 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

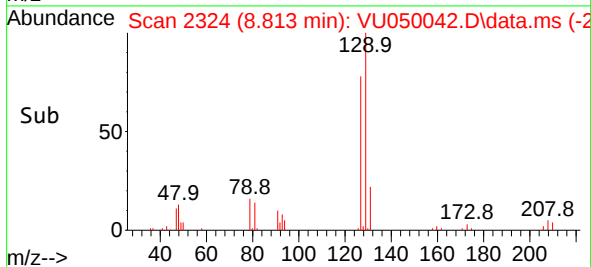
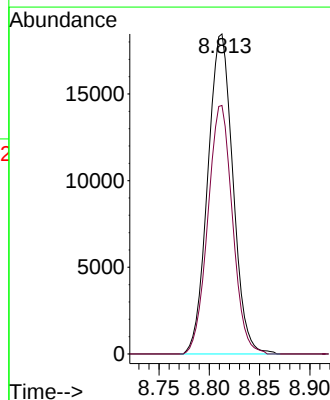
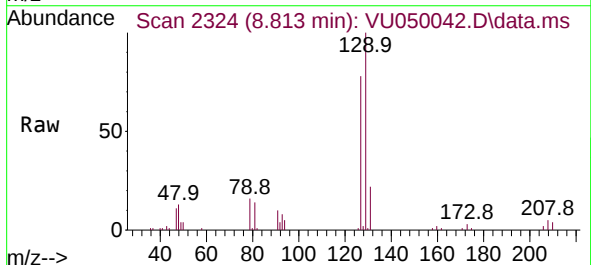
Instrument :
MSVOA_U
ClientSampleId :
VSTD005141

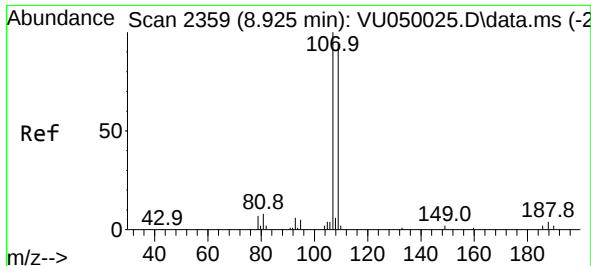
Tgt Ion:	43	Resp:	185951
Ion	Ratio	Lower	Upper
43	100		
58	62.5	49.4	74.0
57	20.7	17.0	25.4
100	12.2	10.2	15.2



#49
Dibromochloromethane
Concen: 6.020 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

Tgt Ion:	129	Resp:	32112
Ion	Ratio	Lower	Upper
129	100		
127	77.7	54.5	101.1

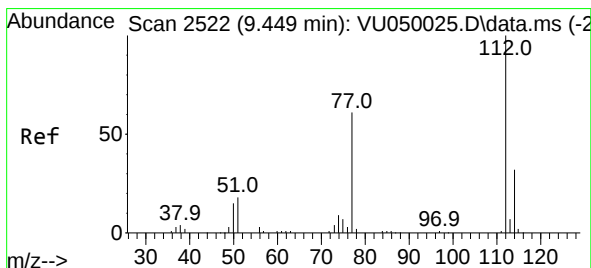
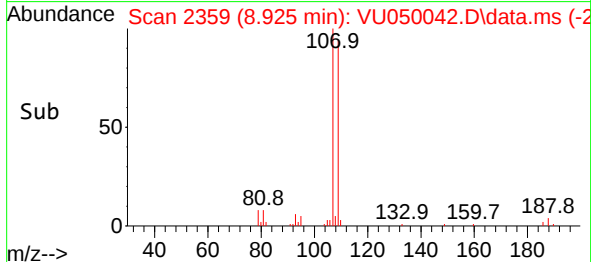
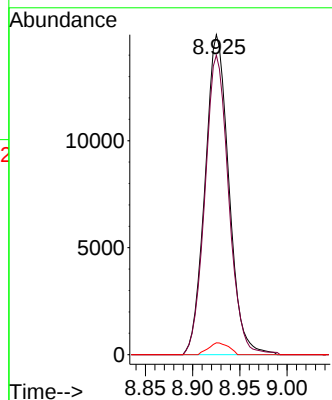
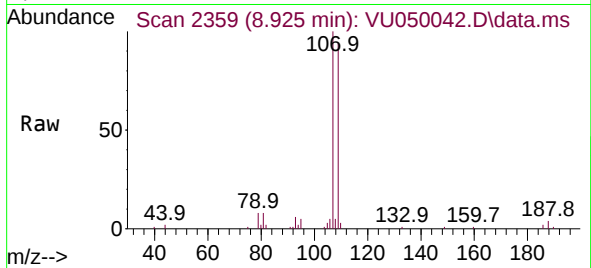




#50
1,2-Dibromoethane
Concen: 6.061 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

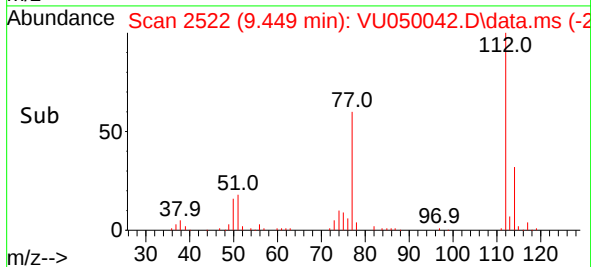
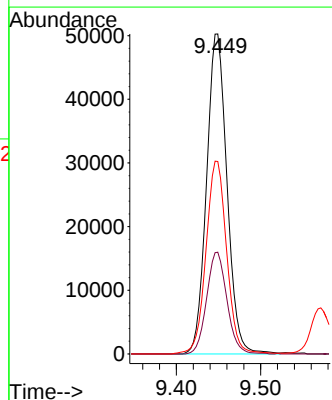
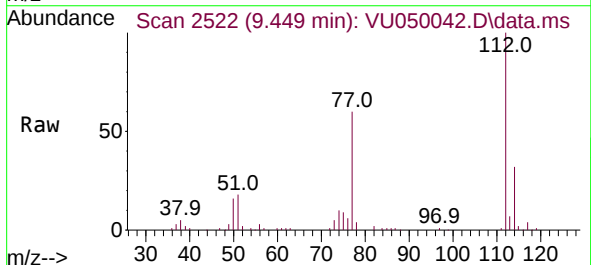
Instrument :
MSVOA_U
ClientSampleId :
VSTD005141

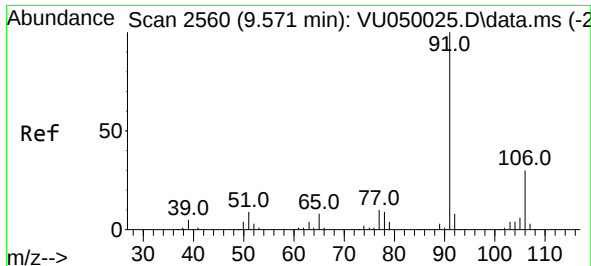
Tgt Ion:107 Resp: 26233
Ion Ratio Lower Upper
107 100
109 93.6 62.7 116.5
188 3.7 2.4 3.6#



#51
Chlorobenzene
Concen: 5.557 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

Tgt Ion:112 Resp: 84904
Ion Ratio Lower Upper
112 100
114 31.8 22.4 41.6
77 60.1 48.2 72.4

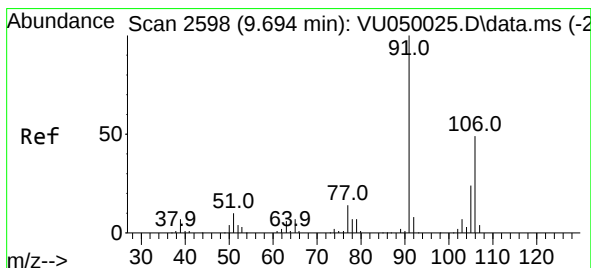
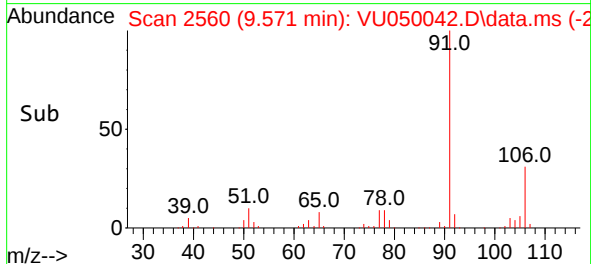
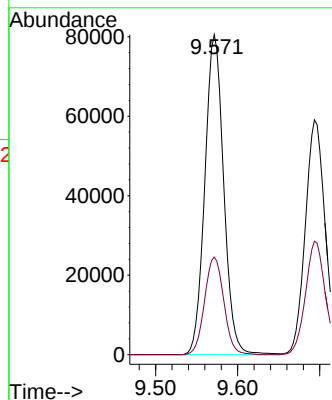
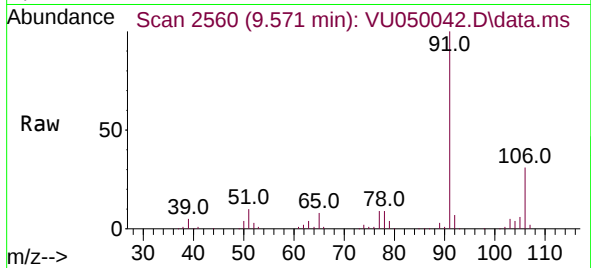




#52
Ethylbenzene
Concen: 5.448 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

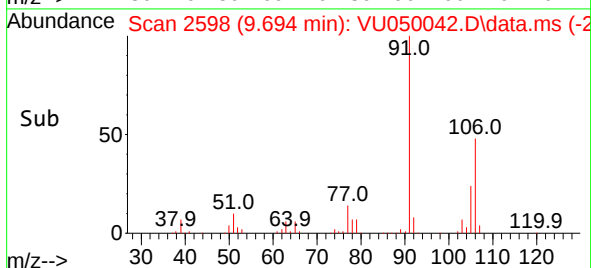
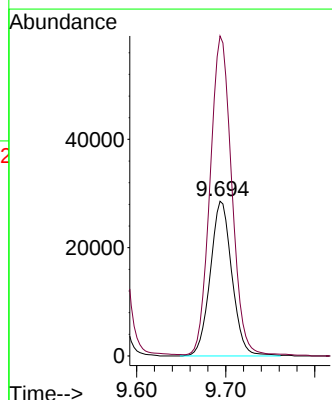
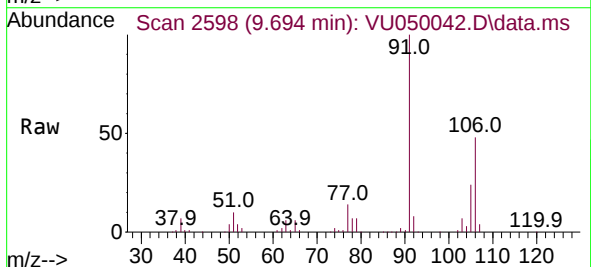
Instrument :
MSVOA_U
ClientSampleId :
VSTD005141

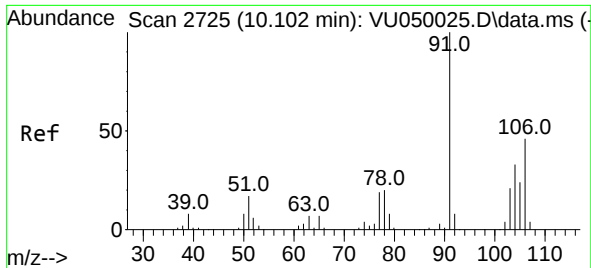
Tgt Ion: 91 Resp: 128446
Ion Ratio Lower Upper
91 100
106 30.5 21.6 40.0



#53
m,p-Xylene
Concen: 5.371 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

Tgt Ion: 106 Resp: 48221
Ion Ratio Lower Upper
106 100
91 206.9 142.4 264.4

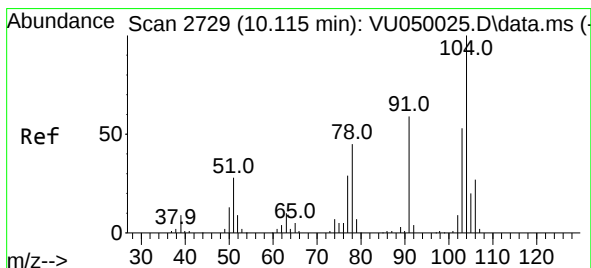
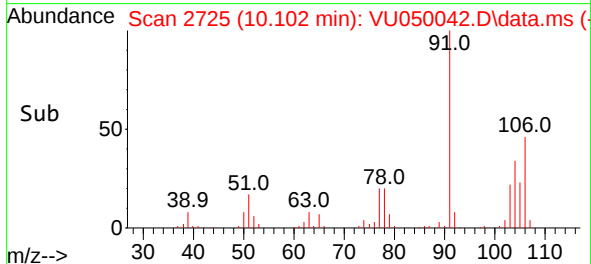
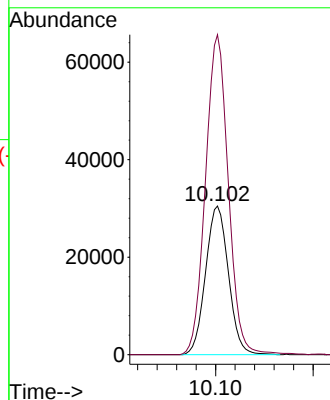
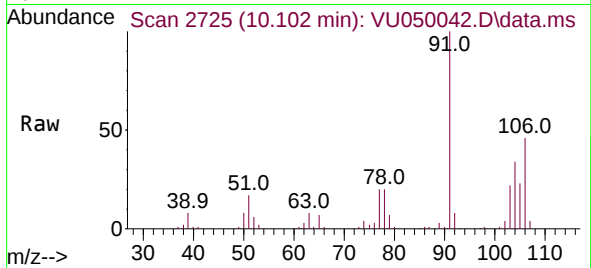




#54
o-Xylene
Concen: 5.707 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

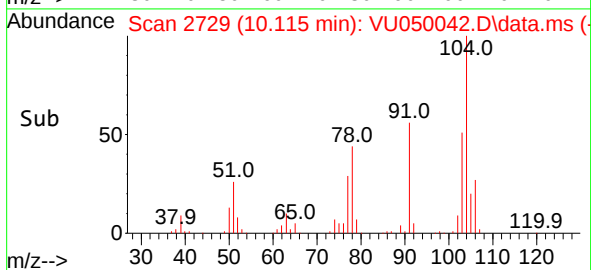
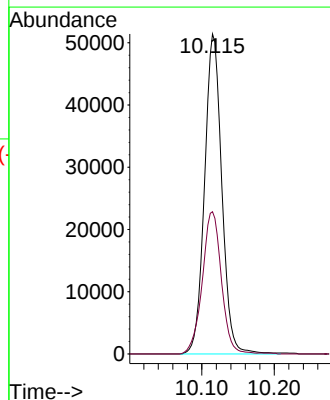
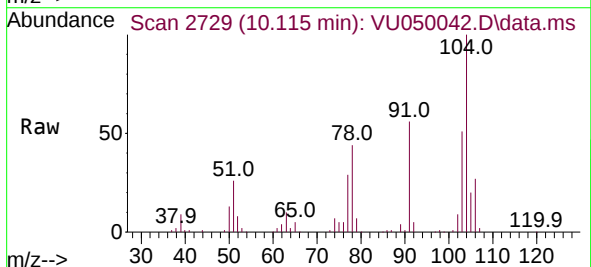
Instrument :
MSVOA_U
ClientSampleId :
VSTD005141

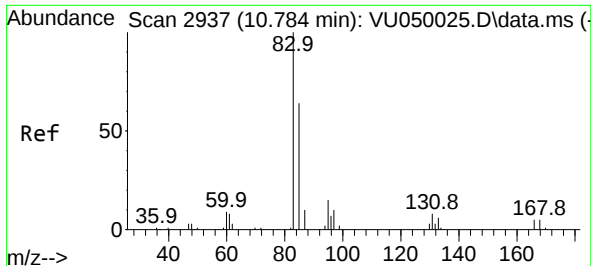
Tgt Ion:106 Resp: 49681
Ion Ratio Lower Upper
106 100
91 215.2 148.7 276.1



#55
Styrene
Concen: 5.747 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

Tgt Ion:104 Resp: 85211
Ion Ratio Lower Upper
104 100
78 44.5 30.9 57.3





#57

1,1,2,2-Tetrachloroethane

Concen: 6.089 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU050042.D

Acq: 29 Jul 2022 17:52

Instrument :

MSVOA_U

ClientSampleId :

VSTD005141

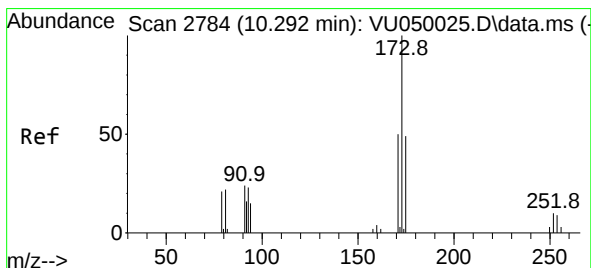
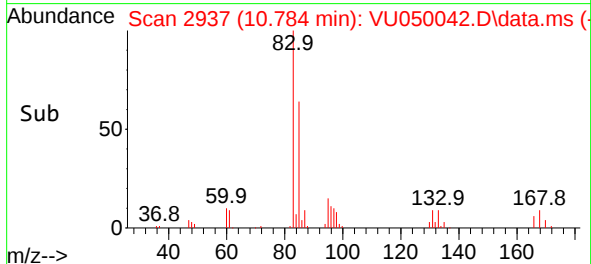
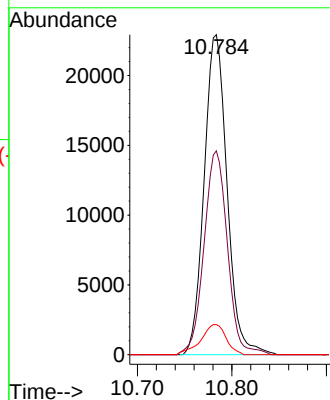
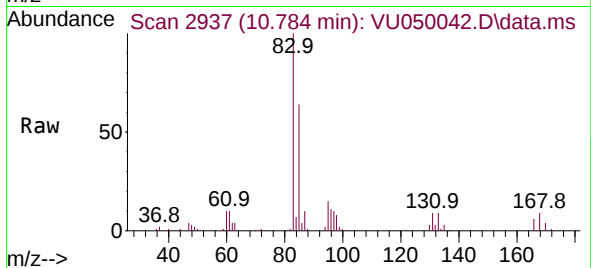
Tgt Ion: 83 Resp: 38635

Ion Ratio Lower Upper

83 100

85 63.7 46.6 86.6

131 9.4 7.9 11.9



#59

Bromoform

Concen: 5.956 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU050042.D

Acq: 29 Jul 2022 17:52

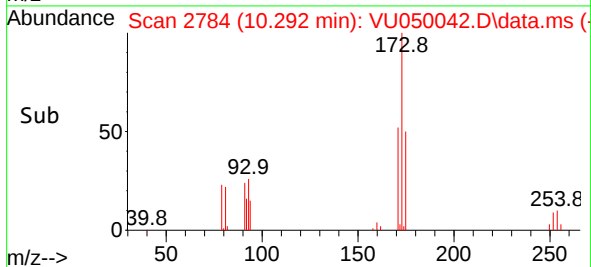
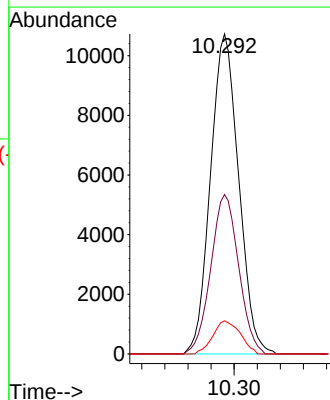
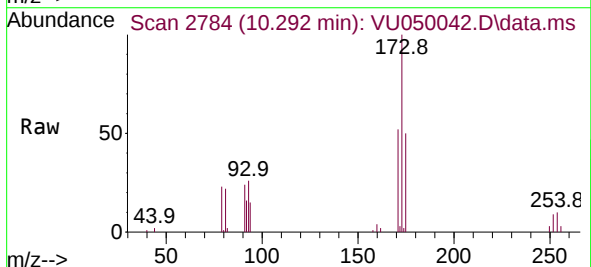
Tgt Ion:173 Resp: 18126

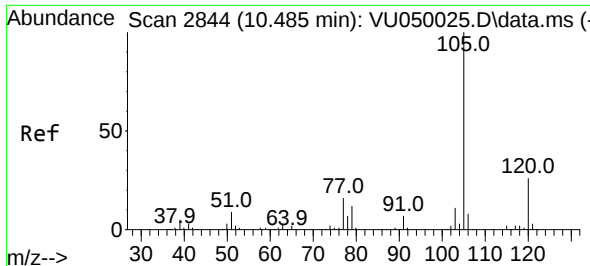
Ion Ratio Lower Upper

173 100

175 49.3 39.1 58.7

254 10.1 7.5 11.3

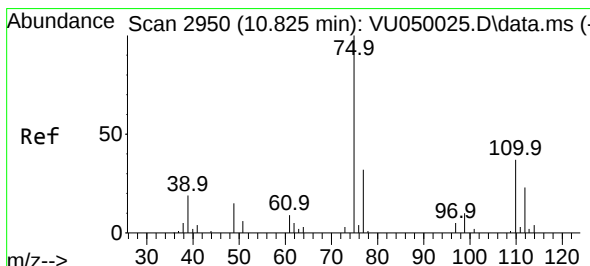
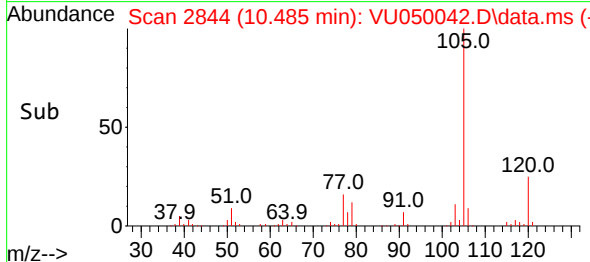
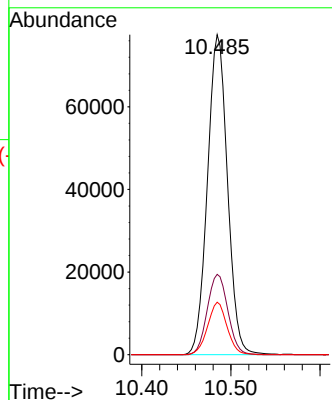
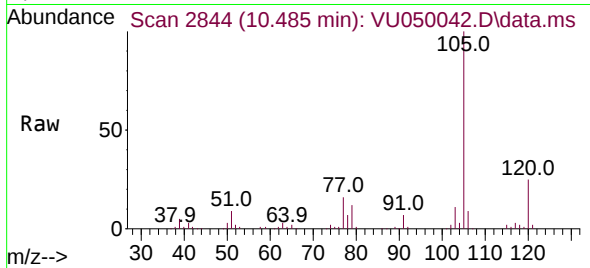




#60
Isopropylbenzene
Concen: 5.398 ug/L
RT: 10.485 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

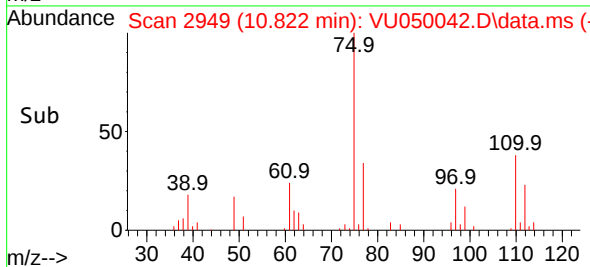
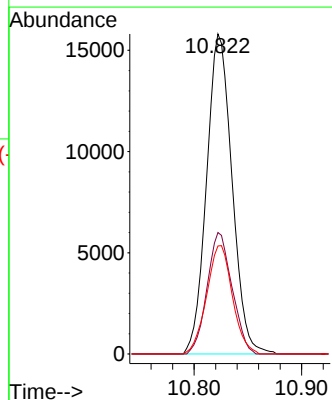
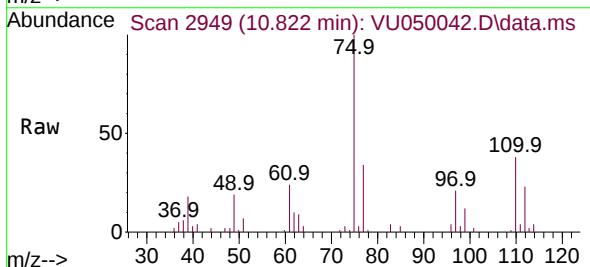
Instrument :
MSVOA_U
ClientSampleId :
VSTD005141

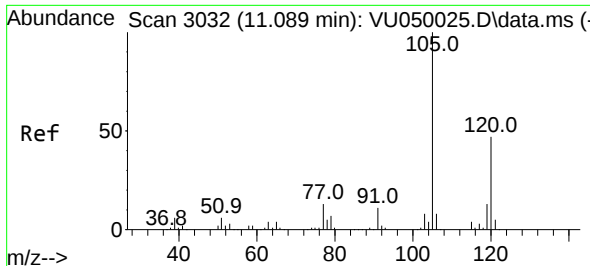
Tgt Ion:105 Resp: 120736
Ion Ratio Lower Upper
105 100
120 25.8 20.5 30.7
77 15.9 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 5.912 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

Tgt Ion: 75 Resp: 25993
Ion Ratio Lower Upper
75 100
110 37.0 28.1 42.1
77 34.2 24.7 37.1

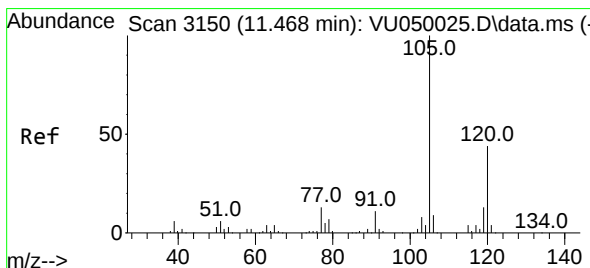
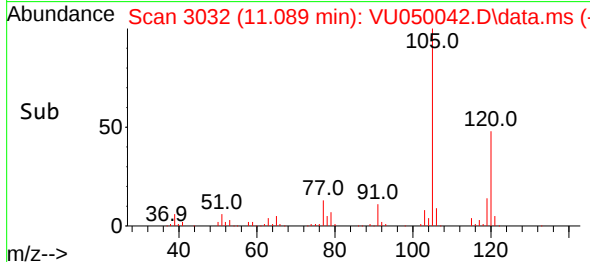
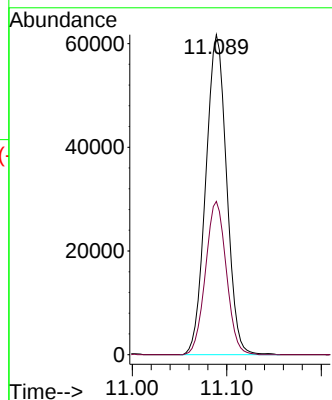
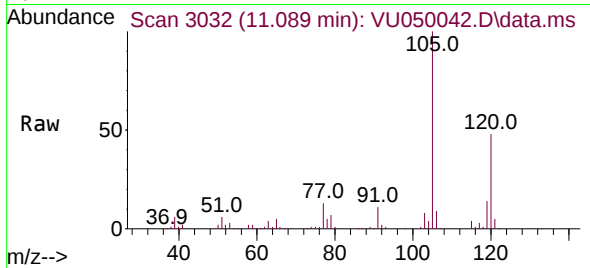




#62
 1,3,5-Trimethylbenzene
 Concen: 5.197 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU050042.D
 Acq: 29 Jul 2022 17:52

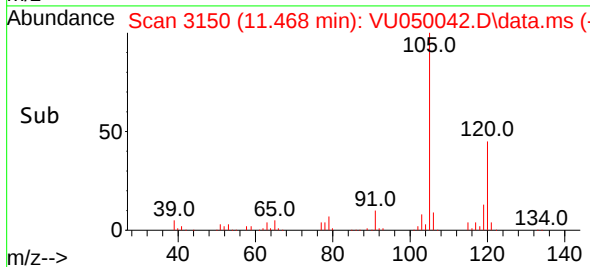
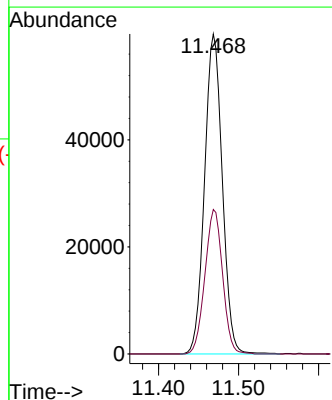
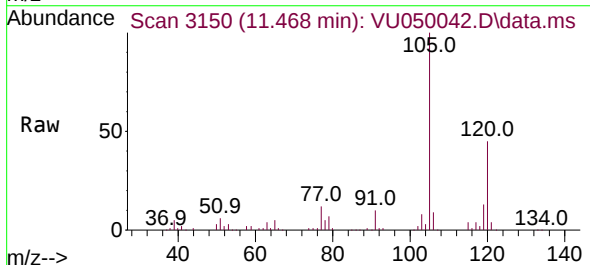
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005141

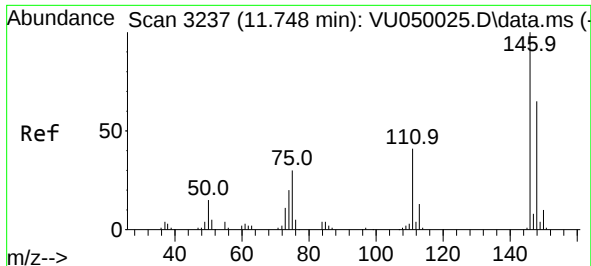
Tgt Ion:105 Resp: 94433
 Ion Ratio Lower Upper
 105 100
 120 47.8 38.2 57.4



#63
 1,2,4-Trimethylbenzene
 Concen: 5.244 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU050042.D
 Acq: 29 Jul 2022 17:52

Tgt Ion:105 Resp: 92337
 Ion Ratio Lower Upper
 105 100
 120 44.9 35.4 53.2





#64

1,3-Dichlorobenzene

Concen: 5.575 ug/L

RT: 11.745 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU050042.D

Acq: 29 Jul 2022 17:52

Instrument :

MSVOA_U

ClientSampleId :

VSTD005141

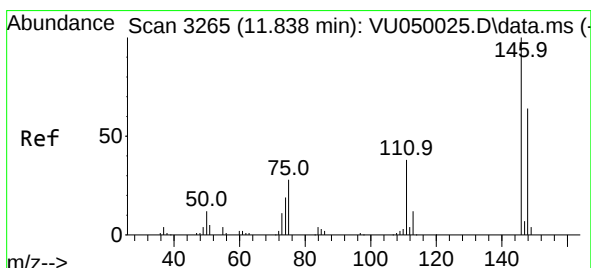
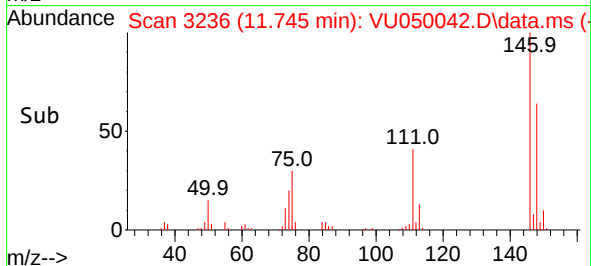
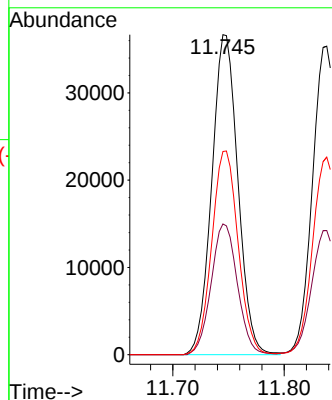
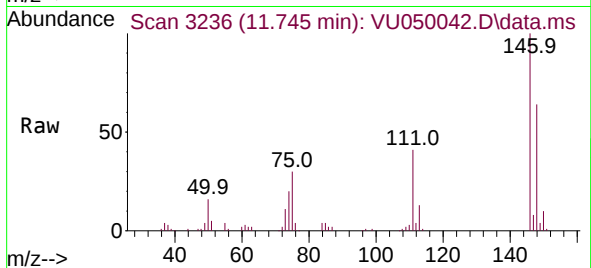
Tgt Ion:146 Resp: 59699

Ion Ratio Lower Upper

146 100

111 40.8 28.9 53.7

148 63.5 45.9 85.3



#65

1,4-Dichlorobenzene

Concen: 5.524 ug/L

RT: 11.838 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU050042.D

Acq: 29 Jul 2022 17:52

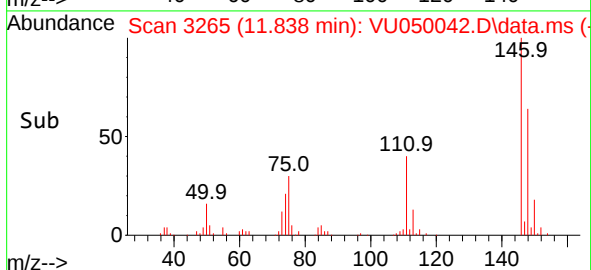
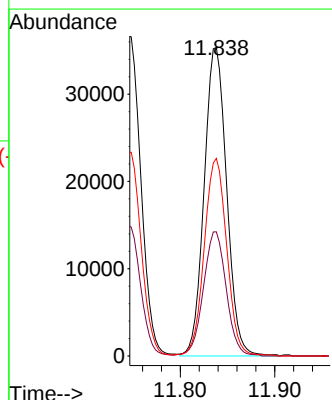
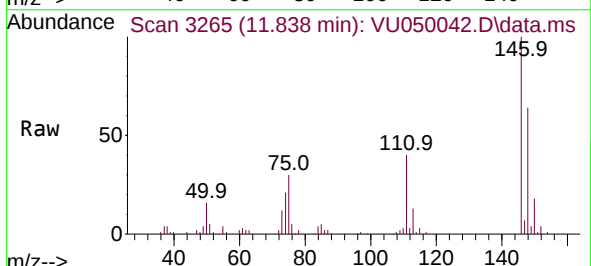
Tgt Ion:146 Resp: 58532

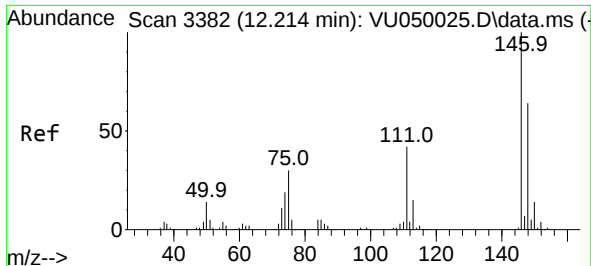
Ion Ratio Lower Upper

146 100

111 40.2 26.4 49.0

148 64.0 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 5.611 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU050042.D

Acq: 29 Jul 2022 17:52

Instrument :

MSVOA_U

ClientSampleId :

VSTD005141

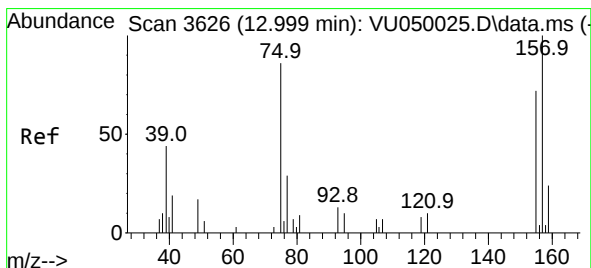
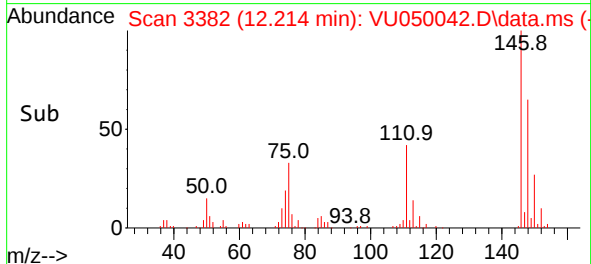
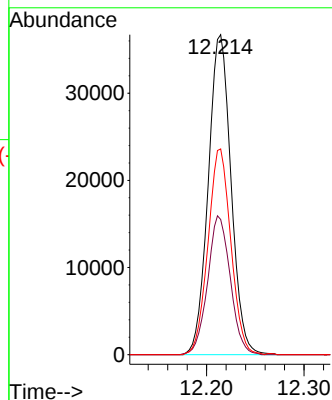
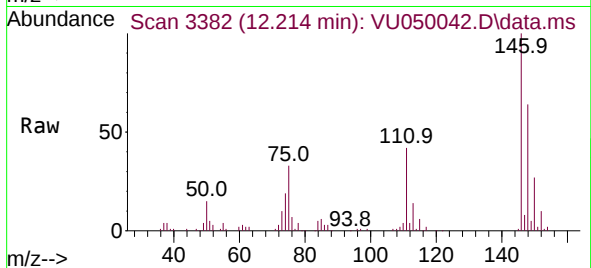
Tgt Ion:146 Resp: 59699

Ion Ratio Lower Upper

146 100

111 42.2 33.4 50.2

148 64.3 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 6.023 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU050042.D

Acq: 29 Jul 2022 17:52

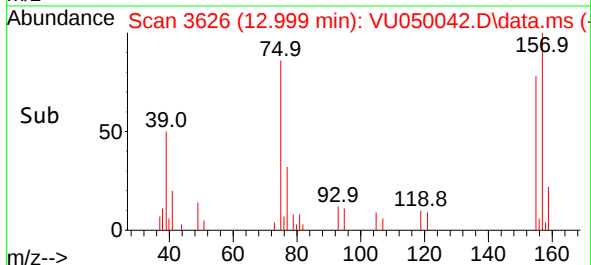
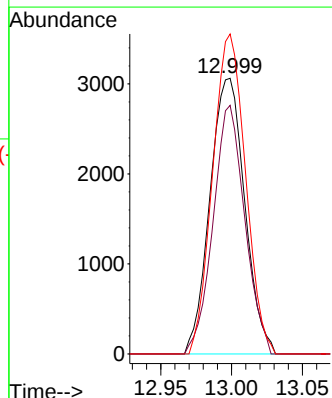
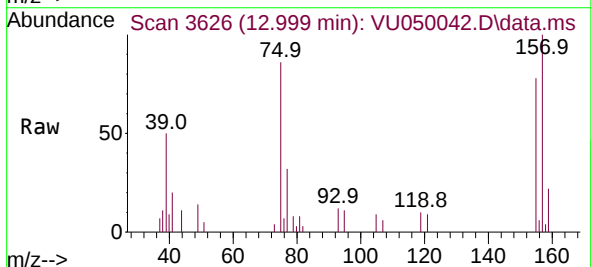
Tgt Ion: 75 Resp: 5231

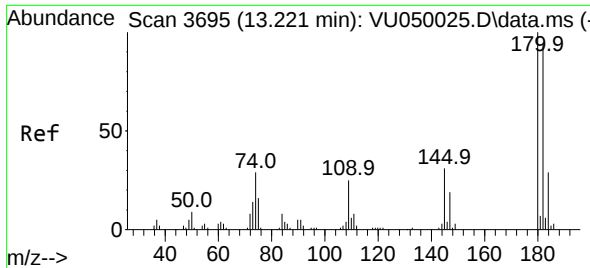
Ion Ratio Lower Upper

75 100

155 90.2 59.4 89.0#

157 116.1 73.8 110.6#

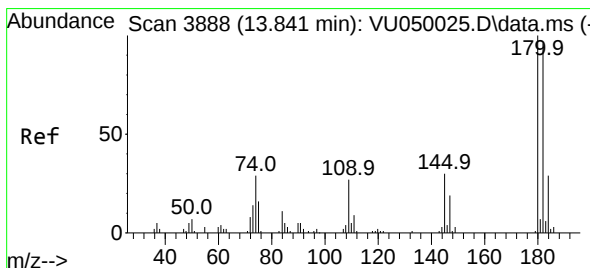
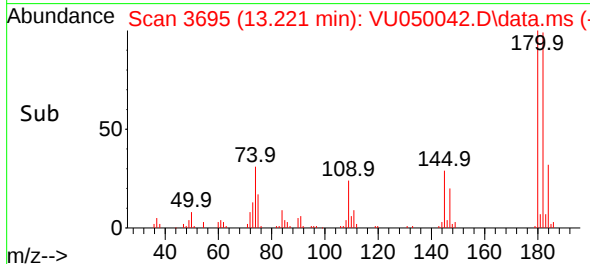
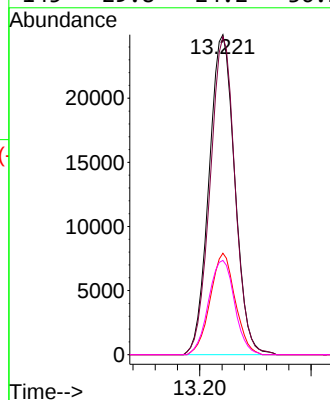
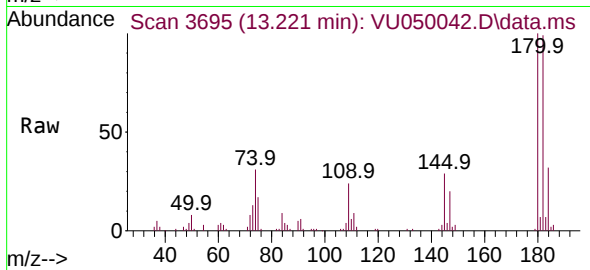




#69
 1,3,5-Trichlorobenzene
 Concen: 5.177 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU050042.D
 Acq: 29 Jul 2022 17:52

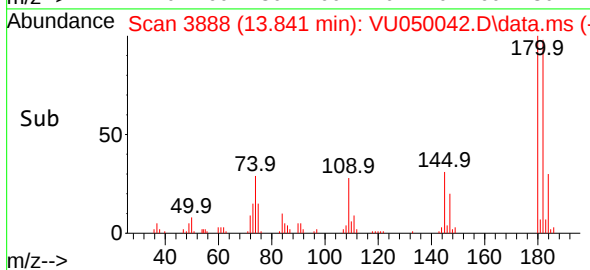
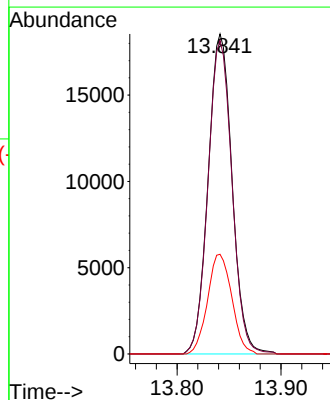
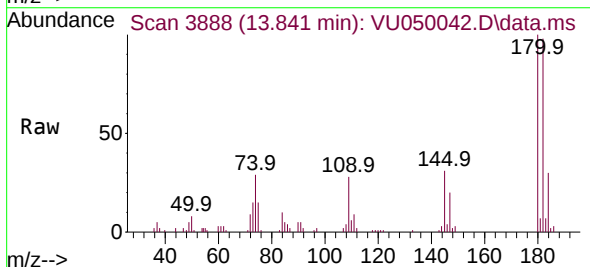
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005141

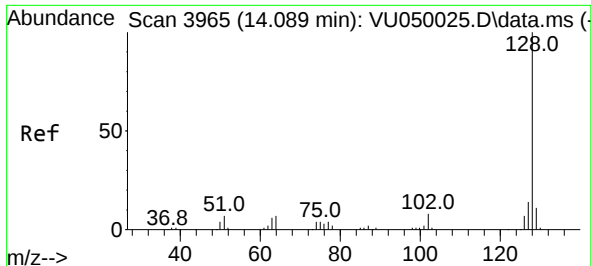
Tgt Ion:180	Resp:	39974
Ion Ratio	Lower	Upper
180	100	
182	96.1	77.2 115.8
184	30.8	23.9 35.9
145	29.8	24.2 36.2



#70
 1,2,4-trichlorobenzene
 Concen: 4.816 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU050042.D
 Acq: 29 Jul 2022 17:52

Tgt Ion:180	Resp:	29664
Ion Ratio	Lower	Upper
180	100	
182	97.7	75.8 113.6
145	31.4	23.8 35.8

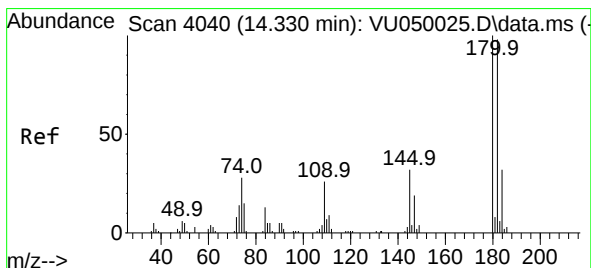
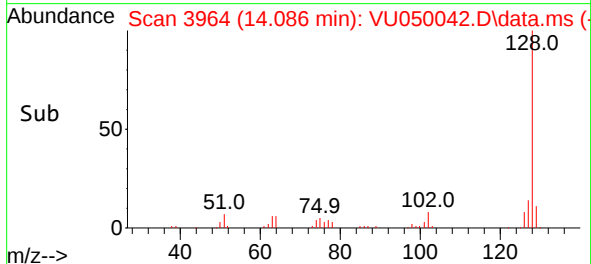
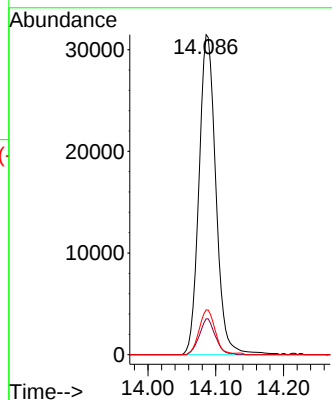
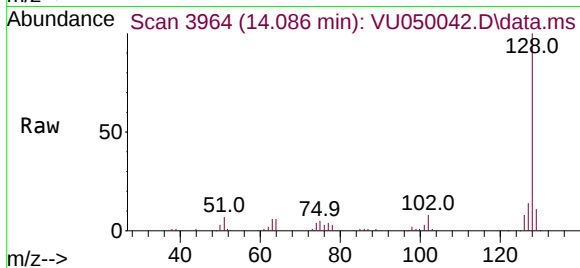




#71
Naphthalene
Concen: 4.455 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

Instrument :
MSVOA_U
ClientSampleId :
VSTD005141

Tgt Ion:128	Resp:	54405
Ion Ratio	Lower	Upper
128	100	
129	10.6	8.5 12.7
127	13.3	10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.096 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050042.D
Acq: 29 Jul 2022 17:52

Tgt Ion:180	Resp:	31153
Ion Ratio	Lower	Upper
180	100	
182	93.9	77.0 115.4
145	32.2	26.3 39.5

