

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043544.D
 Acq On : 05 May 2021 09:55
 Operator : SY/MD
 Sample : M2195-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 05 13:04:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 05 08:11:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	101707	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	104755	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	47863	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	28550	3.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.80%
7) Chloroethane-d5	1.919	69	23513	3.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.60%
11) 1,1-Dichloroethene-d2	2.572	65	14457	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	4.642	46	124572	49.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.12%
24) Chloroform-d	5.073	84	63204	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	5.713	65	40171	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
32) Benzene-d6	5.735	84	111571	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.80%
36) 1,2-Dichloropropane-d6	6.700	67	40778	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.00%
41) Toluene-d8	7.906	98	94475	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.60%
43) trans-1,3-Dichloroprop...	8.189	79	15569	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.645	63	76023	45.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.42%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	33692	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	36812	4.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.20%
Target Compounds						
					Qvalue	
13) Acetone	2.655	43	9656	5.70	ug/L	96
14) Carbon disulfide	2.797	76	1568	0.11	ug/L #	92
16) Methylene chloride	3.057	84	1210	0.13	ug/L	95
27) 1,2-Dichloroethane	5.732	62	811	0.08	ug/L #	78
30) Cyclohexane	5.388	56	1651	0.17	ug/L #	82
33) Benzene	5.784	78	4444	0.16	ug/L	100
35) Methylcyclohexane	6.774	83	2281	0.25	ug/L #	92
37) 1,2-Dichloropropane	6.703	63	4913	0.60	ug/L #	90
39) cis-1,3-Dichloropropene	7.575	75	1315	0.12	ug/L #	17
42) Toluene	7.976	91	11904	0.41	ug/L	95
47) Tetrachloroethene	8.562	164	20806	4.01	ug/L	95
48) 2-Hexanone	8.690	43	5127	1.03	ug/L #	94
49) Dibromochloromethane	8.558	129	19698	2.86	ug/L #	12
52) Ethylbenzene	9.578	91	5405	0.18	ug/L	94
53) m,p-Xylene	9.700	106	2021	0.18	ug/L	94
54) o-Xylene	10.108	106	645	0.06	ug/L	79
61) 1,2,3-Trichloropropane	11.819	75	6706	1.38	ug/L #	66
62) 1,3,5-Trimethylbenzene	11.475	105	1899	0.09	ug/L	87
63) 1,2,4-Trimethylbenzene	11.475	105	1899	0.09	ug/L	89

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QLast Update : Wed May 05 08:11:40 2021
Response via : Initial Calibration

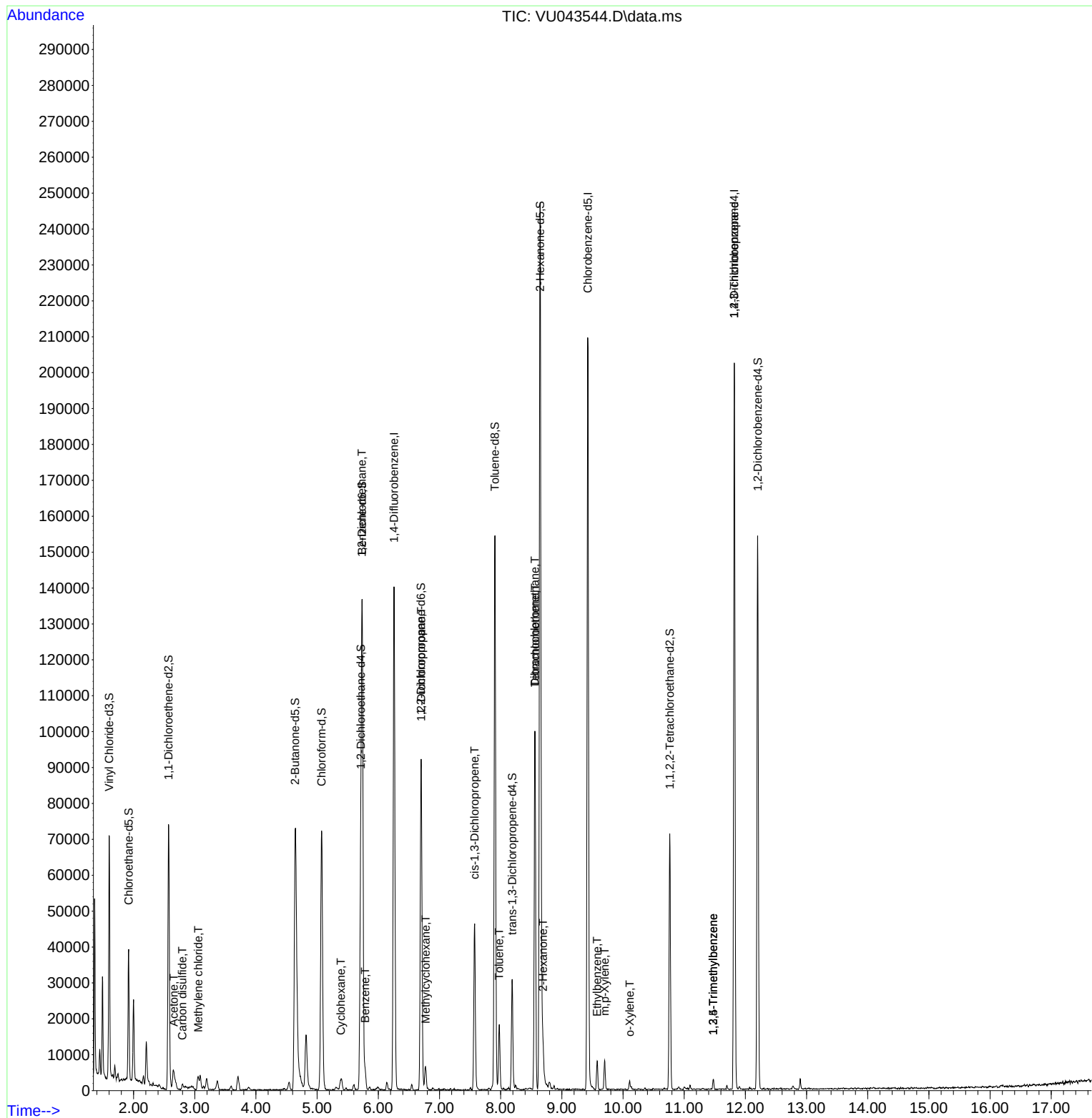
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

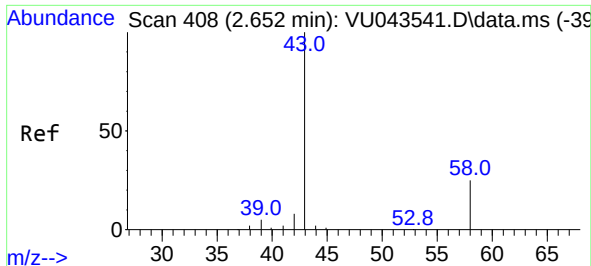
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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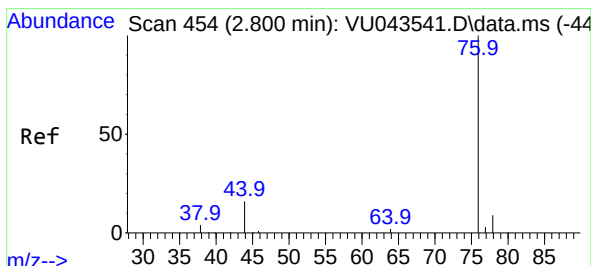
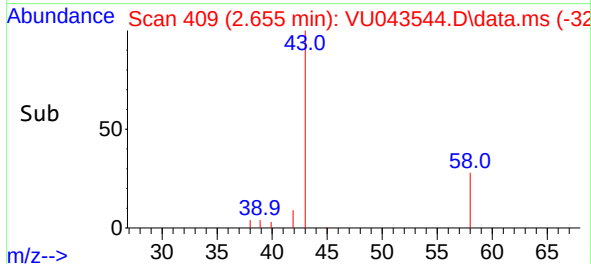
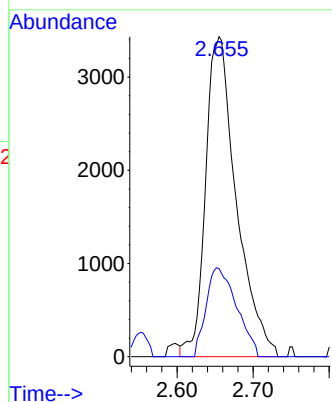
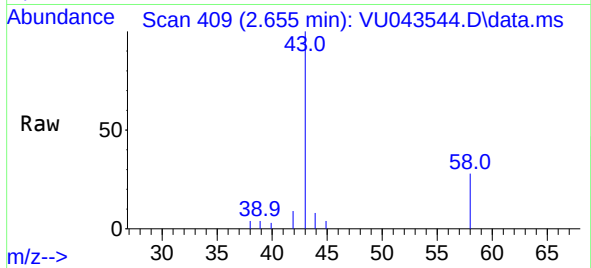




#13
Acetone
Concen: 5.70 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.013 min
Lab File: VU043544.D
Acq: 05 May 2021 09:55

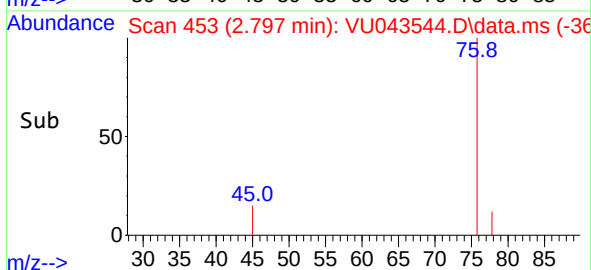
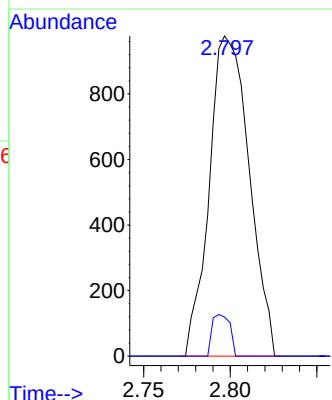
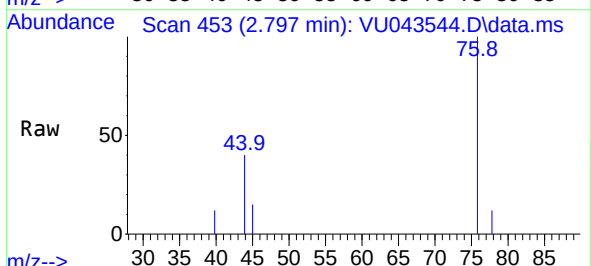
Instrument :
MSVOA_U
ClientSampleId :

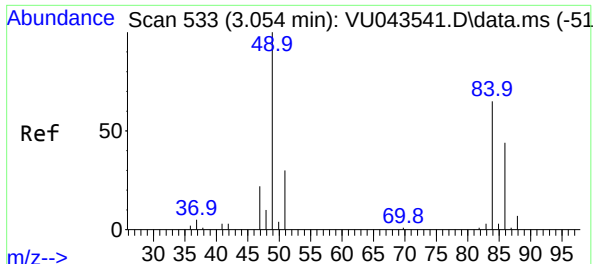
Tgt Ion: 43 Resp: 9656
Ion Ratio Lower Upper
43 100
58 27.5 0.0 50.8



#14
Carbon disulfide
Concen: 0.11 ug/L
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU043544.D
Acq: 05 May 2021 09:55

Tgt Ion: 76 Resp: 1568
Ion Ratio Lower Upper
76 100
78 12.2 7.4 11.2#

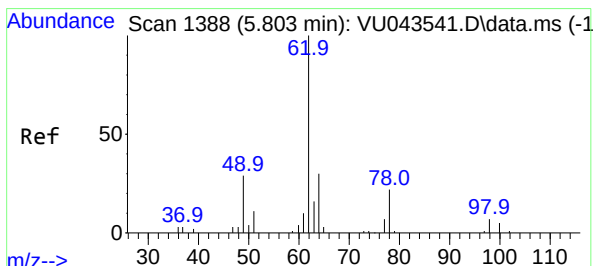
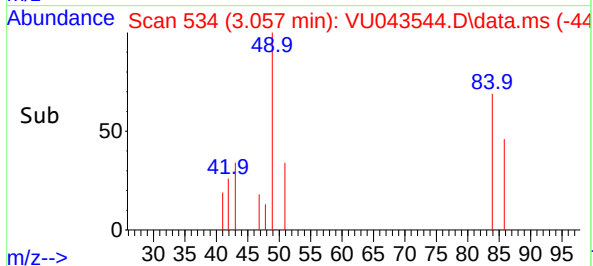
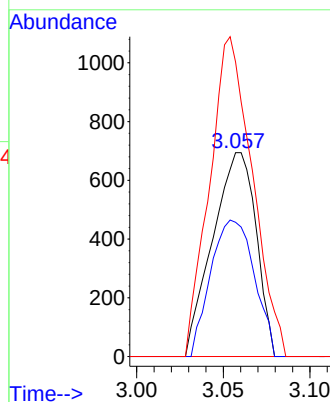
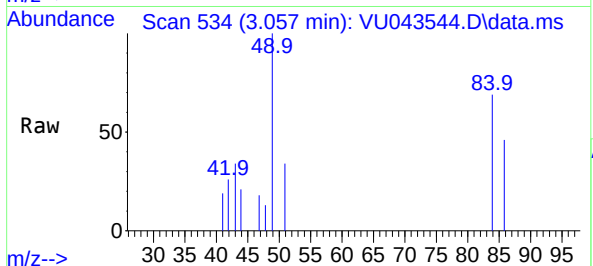




#16
Methylene chloride
Concen: 0.13 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU043544.D
Acq: 05 May 2021 09:55

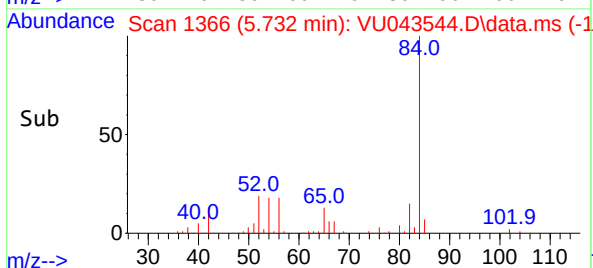
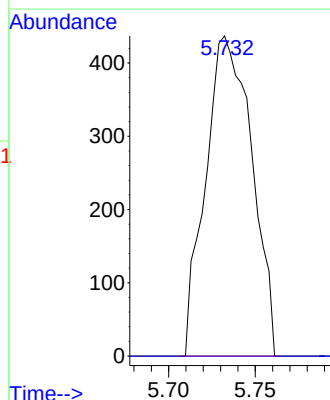
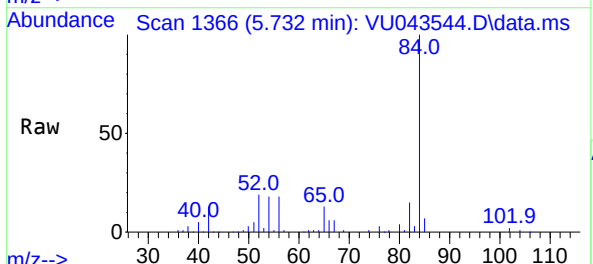
Instrument :
MSVOA_U
ClientSampled :

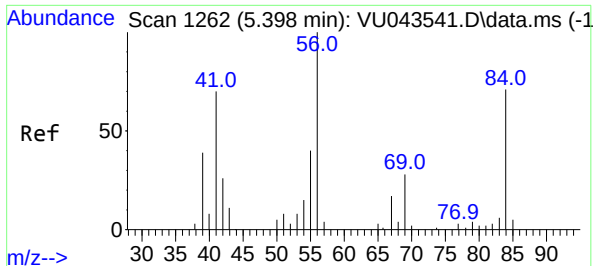
Tgt Ion: 84 Resp: 1210
Ion Ratio Lower Upper
84 100
86 65.9 45.6 84.6
49 144.5 107.0 198.8



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.071 min
Lab File: VU043544.D
Acq: 05 May 2021 09:55

Tgt Ion: 62 Resp: 811
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#





#30

Cyclohexane

Concen: 0.17 ug/L

RT: 5.388 min Scan# 1259

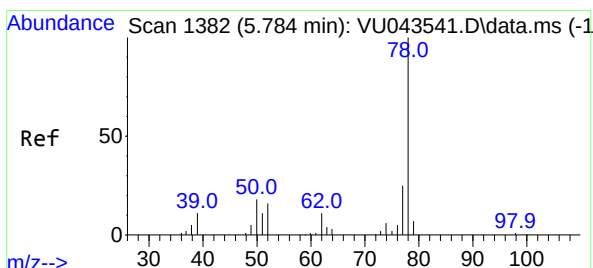
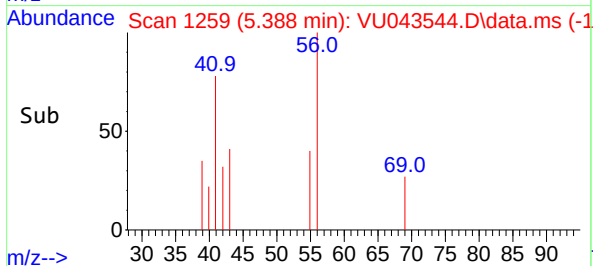
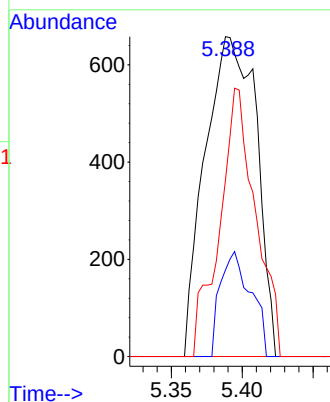
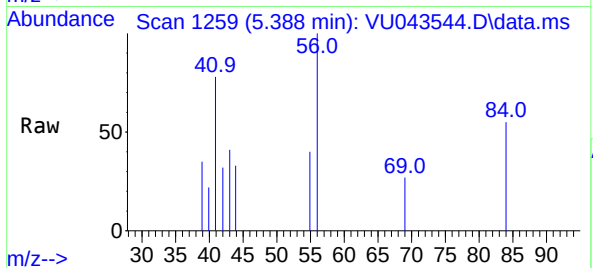
Delta R.T. -0.010 min

Lab File: VU043544.D

Acq: 05 May 2021 09:55

Tgt Ion:	56	Resp:	1651
Ion	Ratio	Lower	Upper
56	100		
69	19.6	23.0	34.4#
84	59.2	60.3	90.5#

Instrument :
MSVOA_U
ClientSampled :



#33

Benzene

Concen: 0.16 ug/L

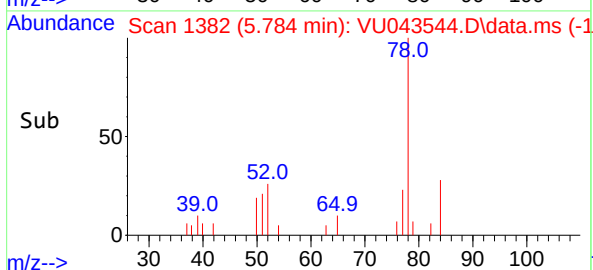
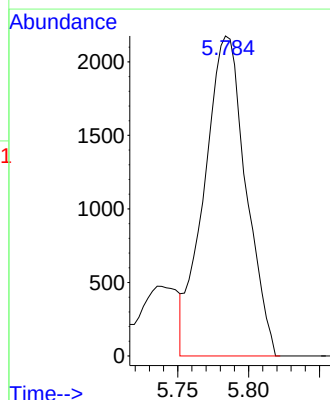
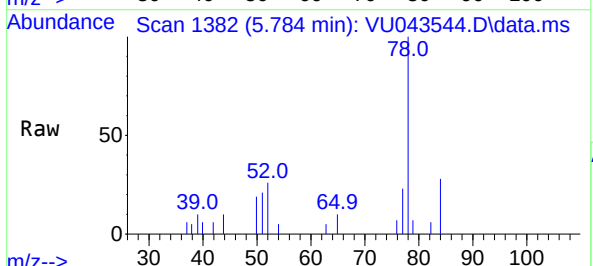
RT: 5.784 min Scan# 1382

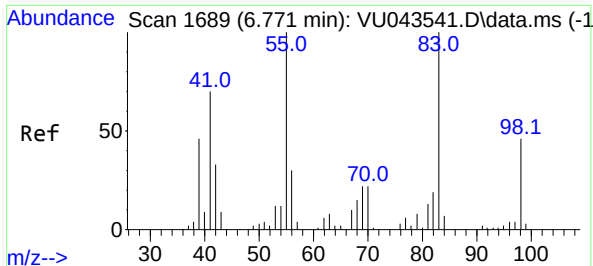
Delta R.T. 0.000 min

Lab File: VU043544.D

Acq: 05 May 2021 09:55

Tgt Ion: 78 Resp: 4444

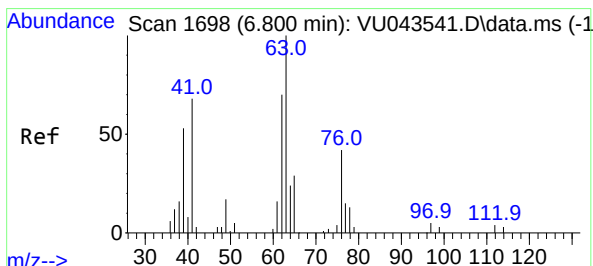
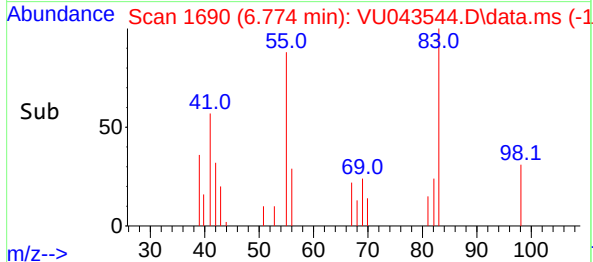
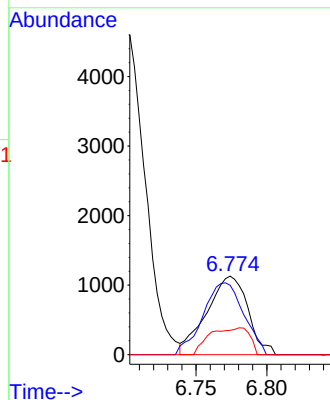
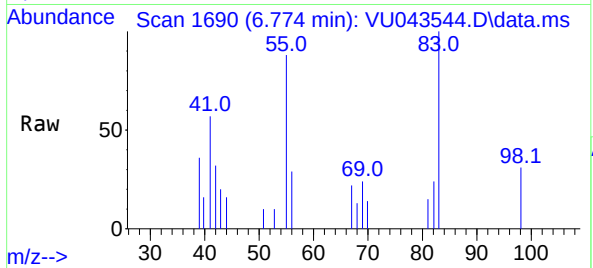




#35
Methylcyclohexane
Concen: 0.25 ug/L
RT: 6.774 min Scan# 1690
Delta R.T. 0.003 min
Lab File: VU043544.D
Acq: 05 May 2021 09:55

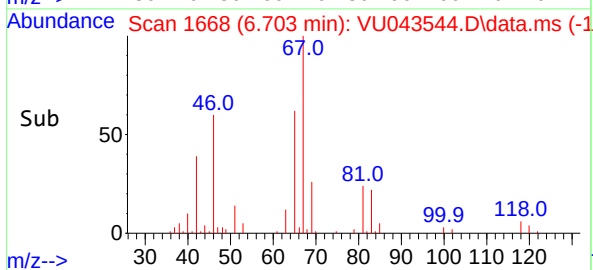
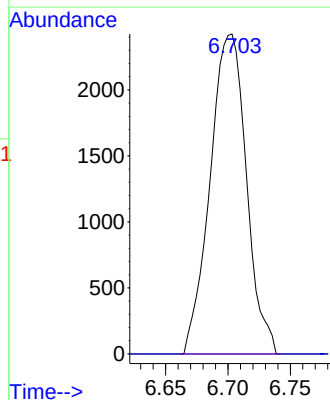
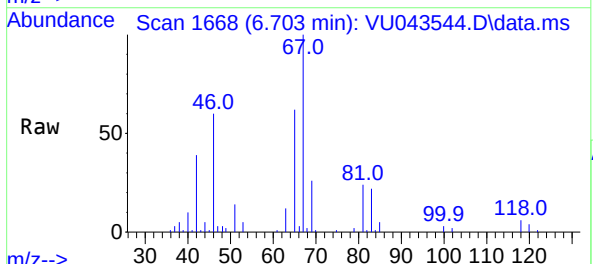
Instrument :
MSVOA_U
ClientSampleId :

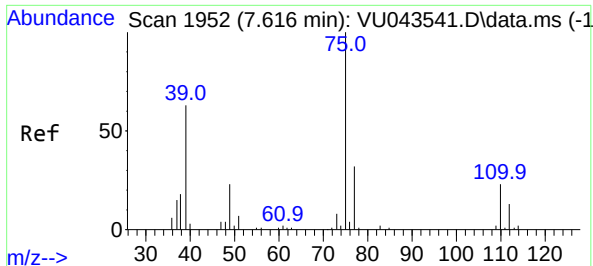
Tgt Ion: 83 Resp: 2281
Ion Ratio Lower Upper
83 100
55 90.6 75.8 113.8
98 33.2 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.60 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU043544.D
Acq: 05 May 2021 09:55

Tgt Ion: 63 Resp: 4913
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



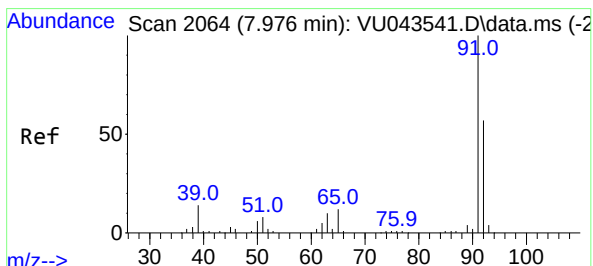
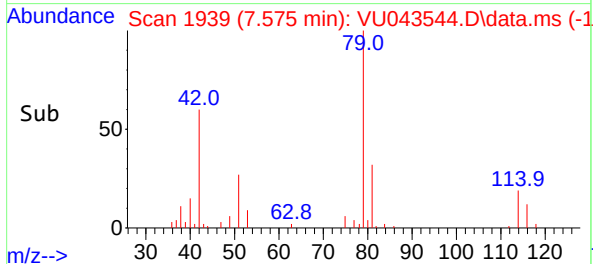
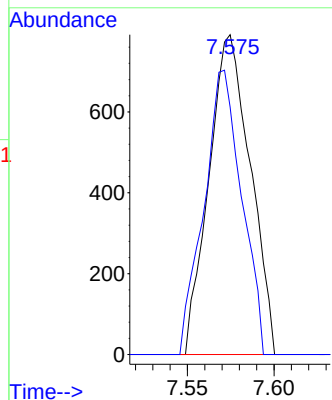
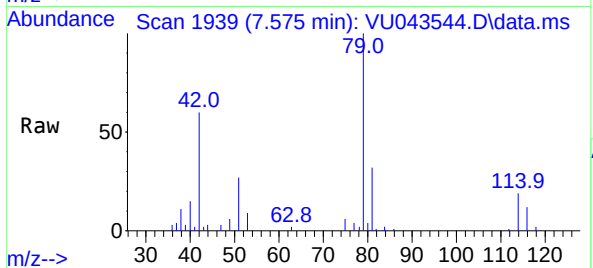


#39

cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043544.D
Acq: 05 May 2021 09:55

Instrument :
MSVOA_U
ClientSampled :

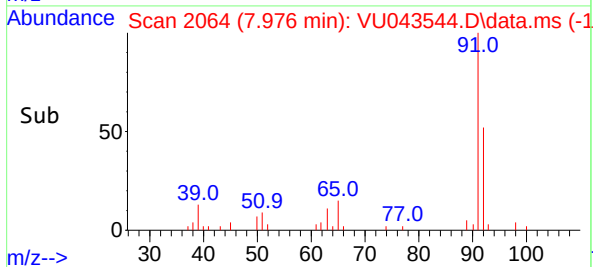
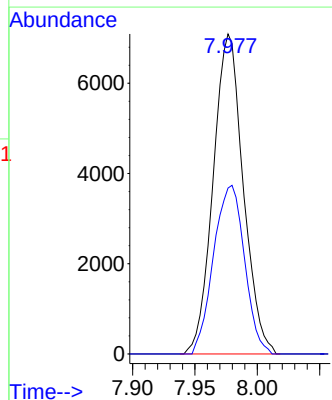
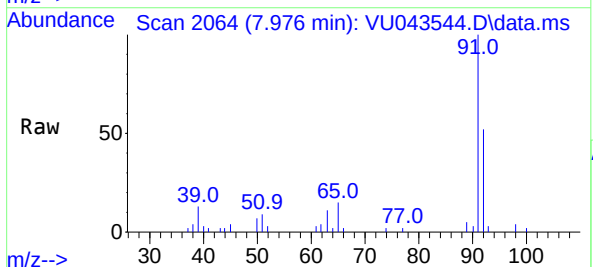
Tgt Ion: 75 Resp: 1315
Ion Ratio Lower Upper
75 100
77 77.4 21.9 40.7#

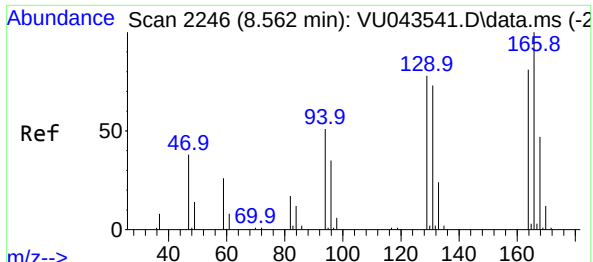


#42

Toluene
Concen: 0.41 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043544.D
Acq: 05 May 2021 09:55

Tgt Ion: 91 Resp: 11904
Ion Ratio Lower Upper
91 100
92 51.8 39.1 72.5



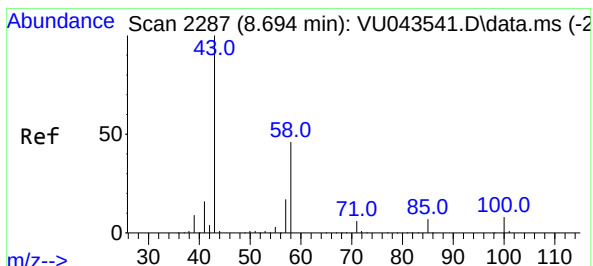
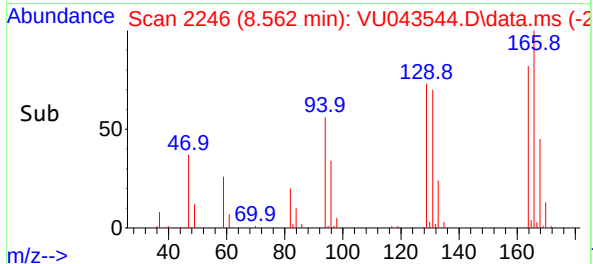
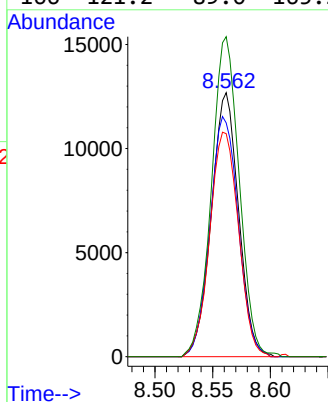
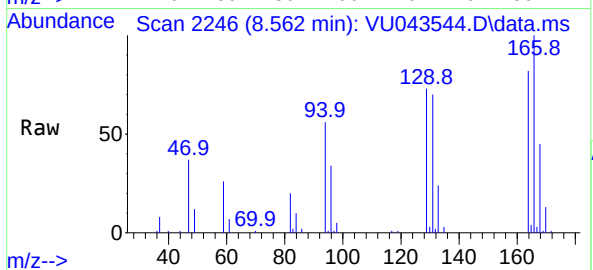


#47
Tetrachloroethene
Concen: 4.01 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043544.D
Acq: 05 May 2021 09:55

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:164 Resp: 20806

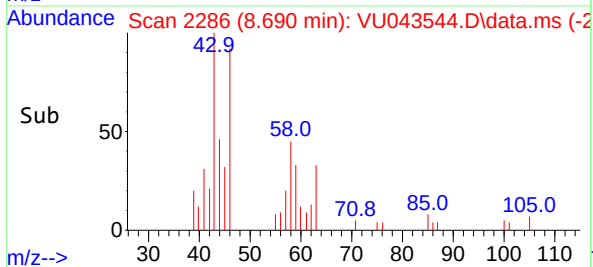
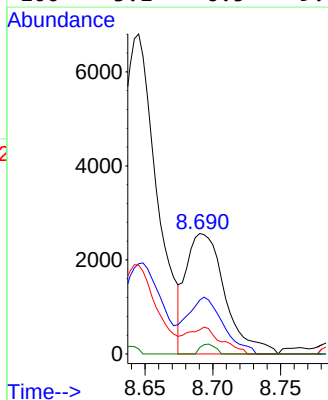
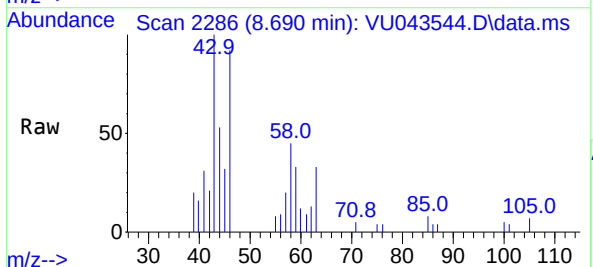
Ion	Ratio	Lower	Upper
164	100		
129	88.5	62.5	116.1
131	84.5	64.9	120.5
166	121.2	89.0	165.2

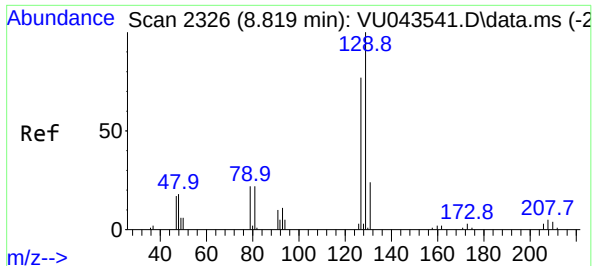


#48
2-Hexanone
Concen: 1.03 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.003 min
Lab File: VU043544.D
Acq: 05 May 2021 09:55

Tgt Ion: 43 Resp: 5127

Ion	Ratio	Lower	Upper
43	100		
58	42.9	36.8	55.2
57	19.6	13.2	19.8
100	3.1	6.5	9.7





#49

Dibromochloromethane

Concen: 2.86 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.257 min

Lab File: VU043544.D

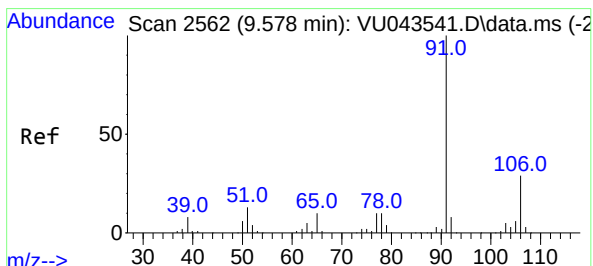
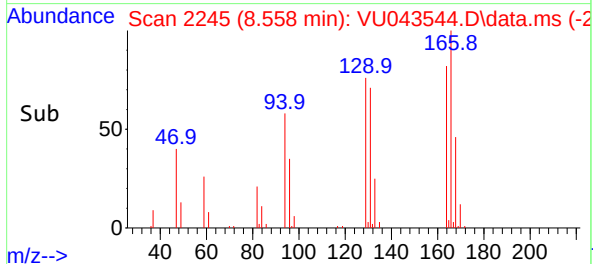
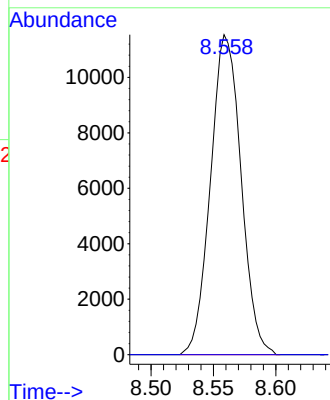
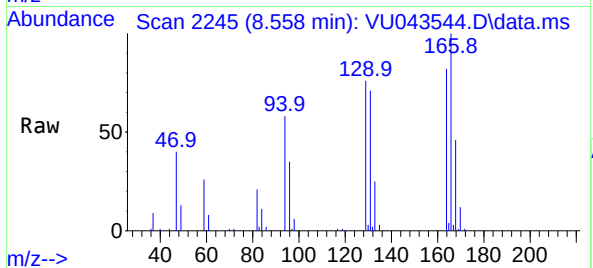
Acq: 05 May 2021 09:55

Tgt Ion:129 Resp: 19698

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.4#



#52

Ethylbenzene

Concen: 0.18 ug/L

RT: 9.578 min Scan# 2562

Delta R.T. 0.000 min

Lab File: VU043544.D

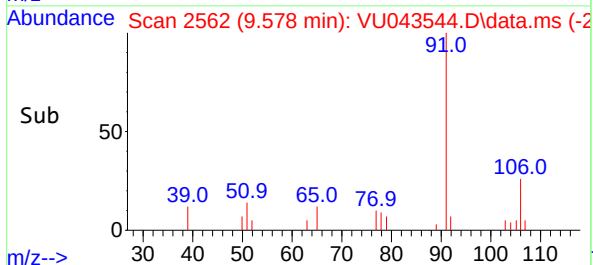
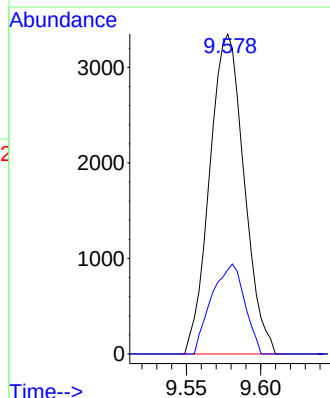
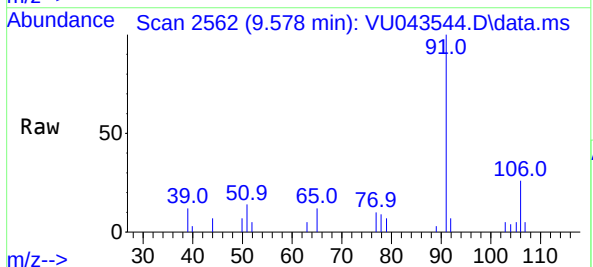
Acq: 05 May 2021 09:55

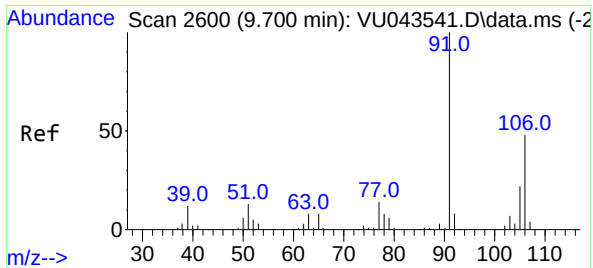
Tgt Ion: 91 Resp: 5405

Ion Ratio Lower Upper

91 100

106 26.3 20.5 38.1

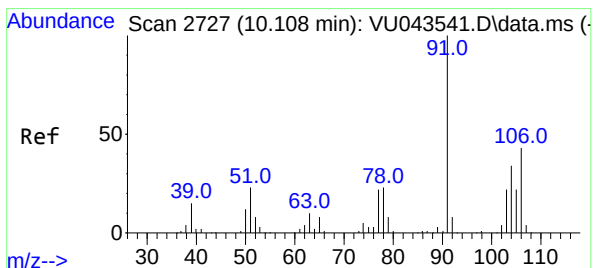
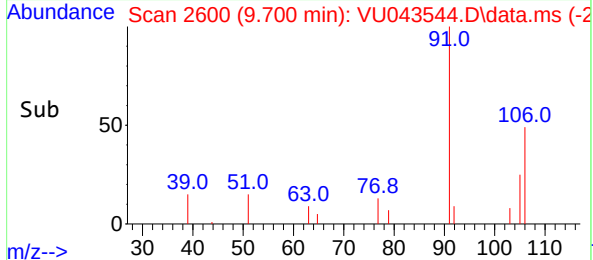
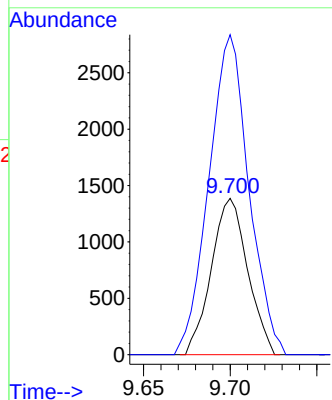
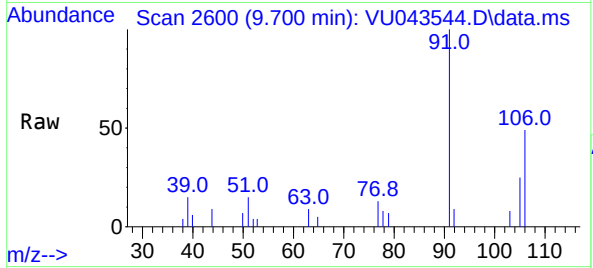




#53
m,p-Xylene
Concen: 0.18 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU043544.D
Acq: 05 May 2021 09:55

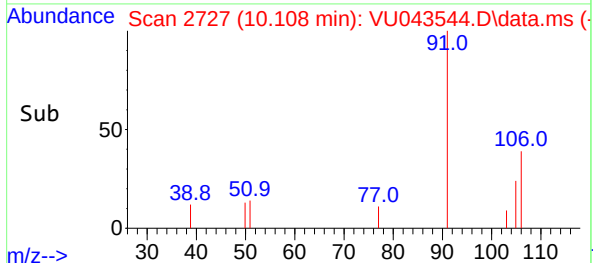
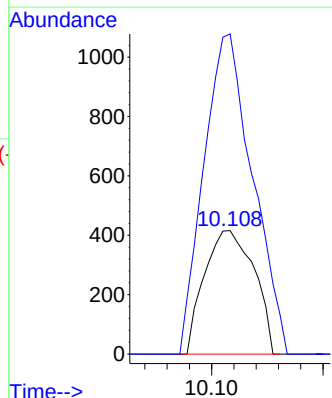
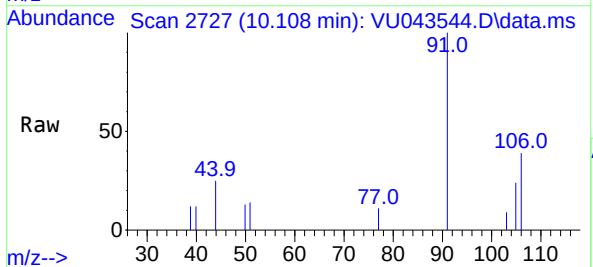
Instrument :
MSVOA_U
ClientSampled :

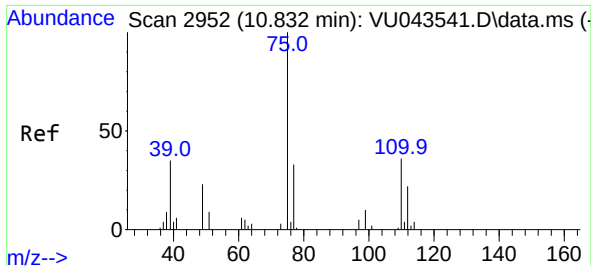
Tgt Ion:106 Resp: 2021
Ion Ratio Lower Upper
106 100
91 204.6 150.3 279.1



#54
o-Xylene
Concen: 0.06 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043544.D
Acq: 05 May 2021 09:55

Tgt Ion:106 Resp: 645
Ion Ratio Lower Upper
106 100
91 259.1 157.3 292.1

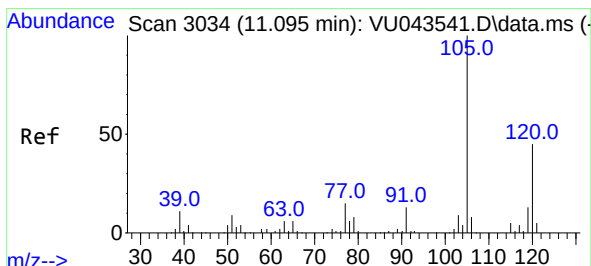
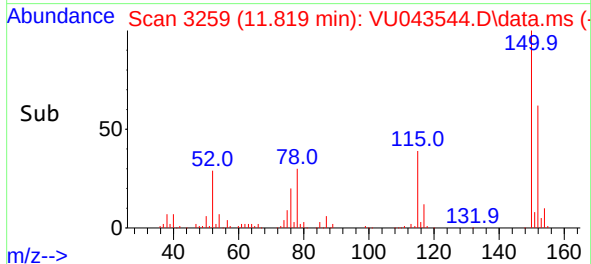
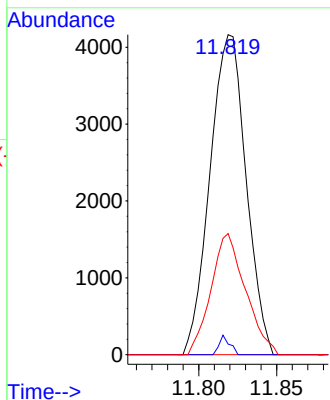
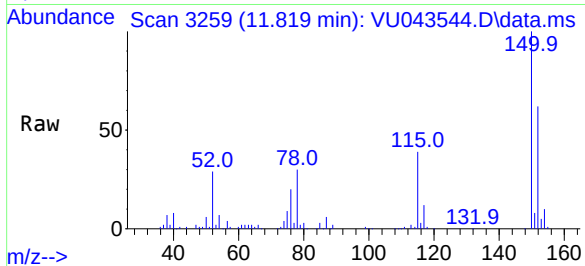




#61
1,2,3-Trichloropropane
Concen: 1.38 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043544.D
Acq: 05 May 2021 09:55

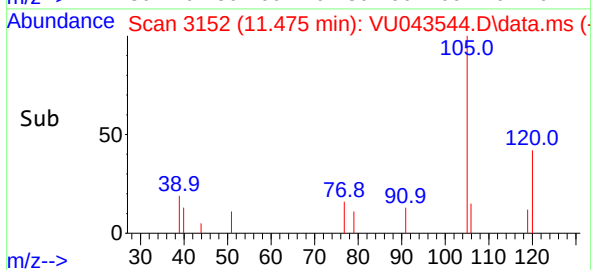
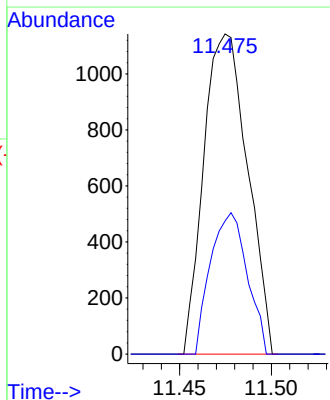
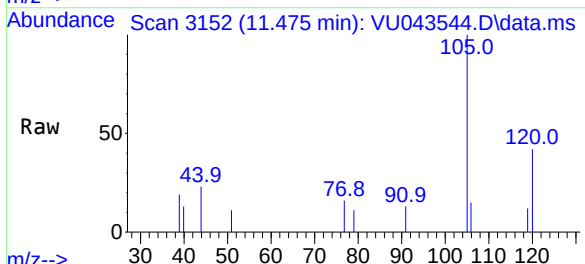
Instrument :
MSVOA_U
ClientSampleId :

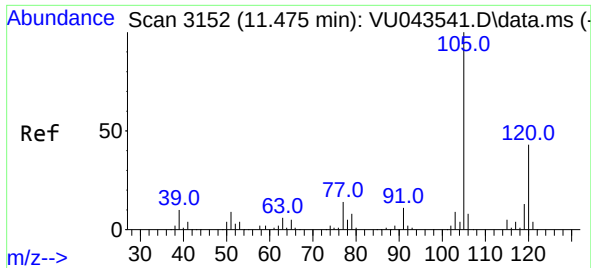
Tgt Ion: 75 Resp: 6706
Ion Ratio Lower Upper
75 100
110 1.8 28.6 42.8#
77 36.1 25.7 38.5



#62
1,3,5-Trimethylbenzene
Concen: 0.09 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.379 min
Lab File: VU043544.D
Acq: 05 May 2021 09:55

Tgt Ion: 105 Resp: 1899
Ion Ratio Lower Upper
105 100
120 37.0 36.6 55.0





#63
1,2,4-Trimethylbenzene
Concen: 0.09 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043544.D
Acq: 05 May 2021 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 1899
Ion Ratio Lower Upper
105 100
120 37.0 35.4 53.0

