

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043926.D
 Acq On : 24 May 2021 22:25
 Operator : SY/MD
 Sample : M2494-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampled :
 GB425

Quant Time: May 25 04:14:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 04:12:21 2021
 Response via : Initial Calibration

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

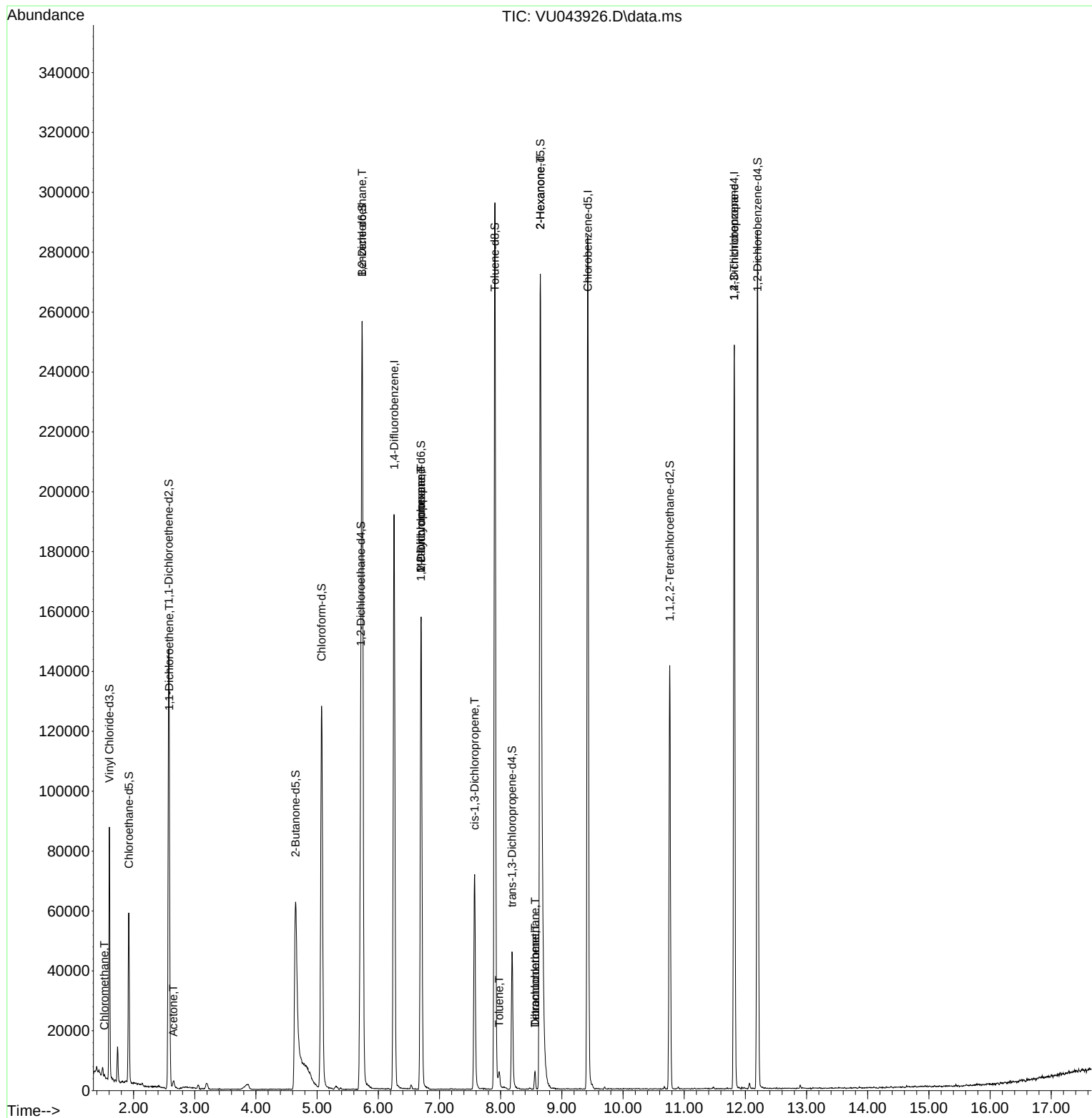
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	164311	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	170736	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	71666	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	59576	6.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 130.40%#	
7) Chloroethane-d5	1.922	69	41884	6.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 127.00%	
11) 1,1-Dichloroethene-d2	2.575	65	27589	6.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 124.00%	
20) 2-Butanone-d5	4.649	46	129002	44.49	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	= 88.98%	
24) Chloroform-d	5.073	84	123056	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 116.60%	
26) 1,2-Dichloroethane-d4	5.713	65	65721	6.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 121.60%	
32) Benzene-d6	5.735	84	252214	5.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 116.40%	
36) 1,2-Dichloropropane-d6	6.700	67	80141	5.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 116.20%	
41) Toluene-d8	7.906	98	208421	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 104.60%	
43) trans-1,3-Dichloroprop...	8.185	79	28297	5.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 107.40%	
46) 2-Hexanone-d5	8.648	63	127857	55.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 110.80%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	72127	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 113.60%	
66) 1,2-Dichlorobenzene-d4	12.198	152	83413	6.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 128.20%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	1228	0.10	ug/L	100
12) 1,1-Dichloroethene	2.584	96	2005	0.19	ug/L #	1
13) Acetone	2.649	43	2840	1.86	ug/L	83
27) 1,2-Dichloroethane	5.735	62	1011	0.08	ug/L #	72
35) Methylcyclohexane	6.700	83	18702	1.07	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	7971	0.65	ug/L #	86
39) cis-1,3-Dichloropropene	7.575	75	1516	0.10	ug/L #	54
42) Toluene	7.976	91	3809	0.08	ug/L	90
47) Tetrachloroethene	8.562	164	1361	0.13	ug/L	89
48) 2-Hexanone	8.648	43	13856	2.69	ug/L #	63
49) Dibromochloromethane	8.562	129	1195	0.11	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	7105	1.08	ug/L #	67

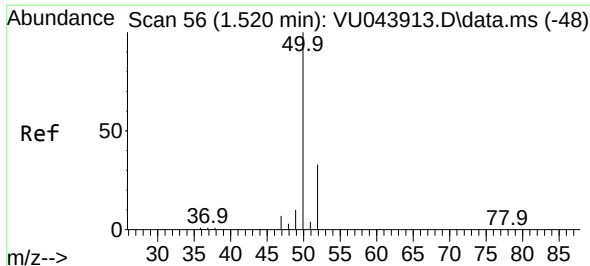
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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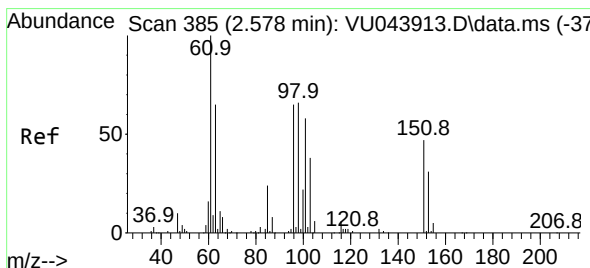
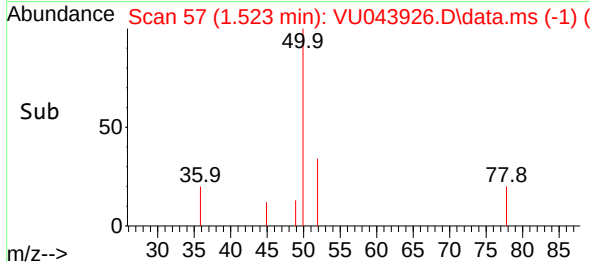
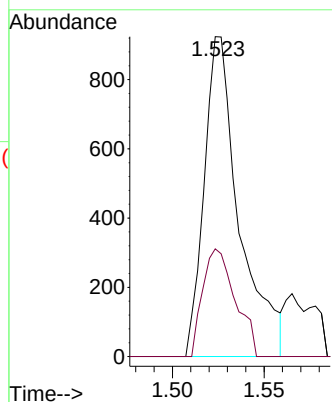
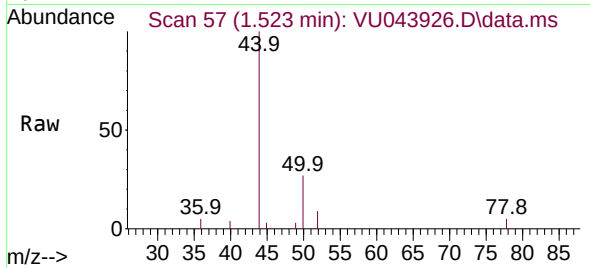




#3
Chloromethane
Concen: 0.10 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043926.D
Acq: 24 May 2021 22:25

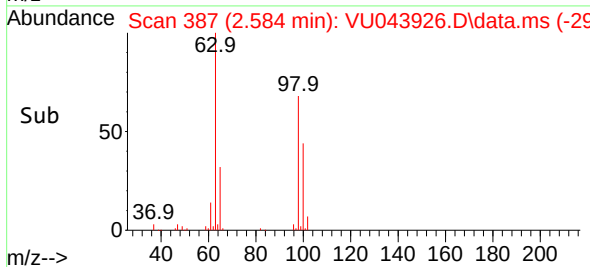
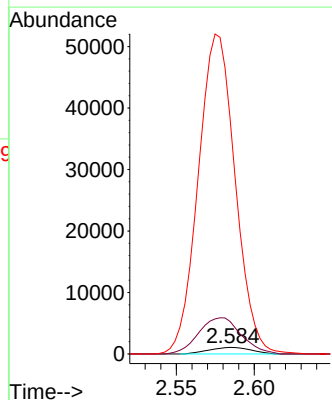
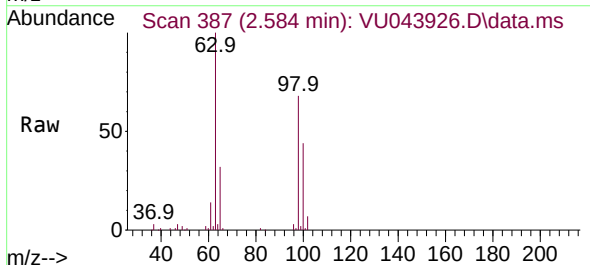
Instrument :
MSVOA_U
ClientSampled :
GB425

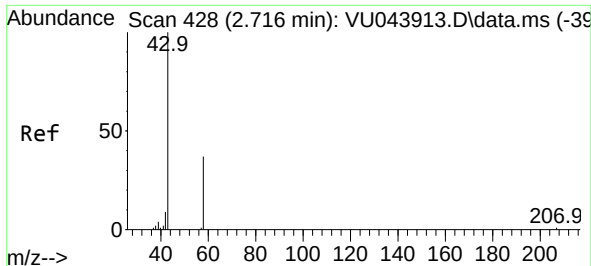
Tgt Ion: 50 Resp: 1228
Ion Ratio Lower Upper
50 100
52 33.7 23.4 43.4



#12
1,1-Dichloroethene
Concen: 0.19 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.006 min
Lab File: VU043926.D
Acq: 24 May 2021 22:25

Tgt Ion: 96 Resp: 2005
Ion Ratio Lower Upper
96 100
61 496.3 105.1 195.3#
63 3592.9 66.6 123.6#

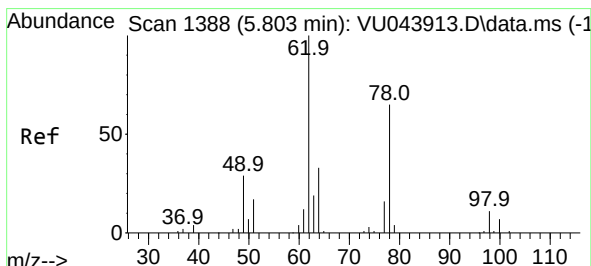
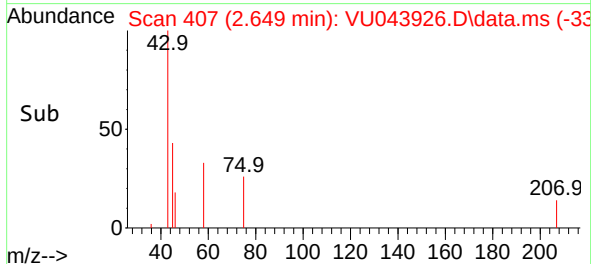
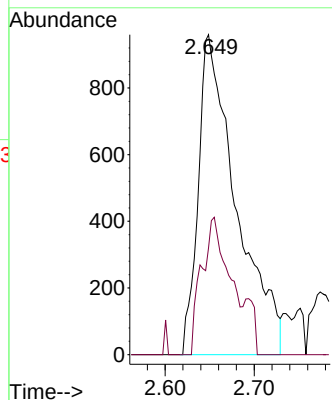
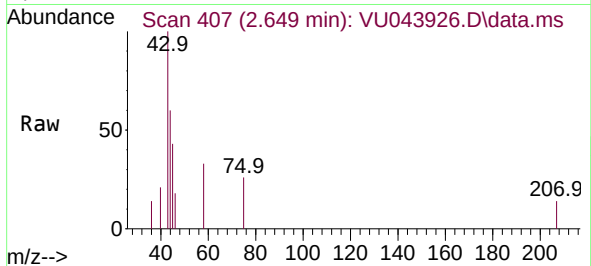




#13
Acetone
Concen: 1.86 ug/L
RT: 2.649 min Scan# 407
Delta R.T. -0.067 min
Lab File: VU043926.D
Acq: 24 May 2021 22:25

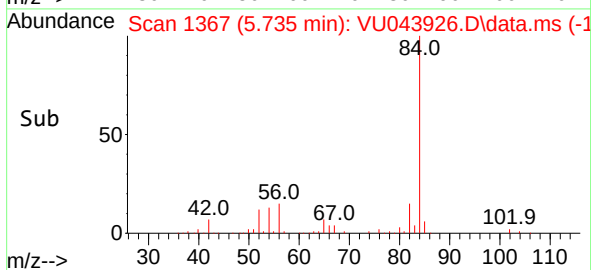
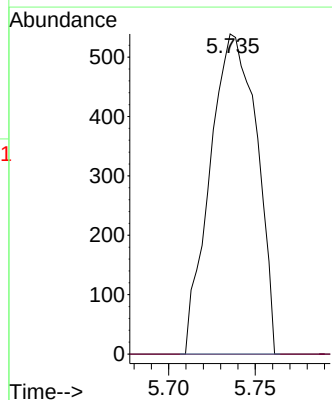
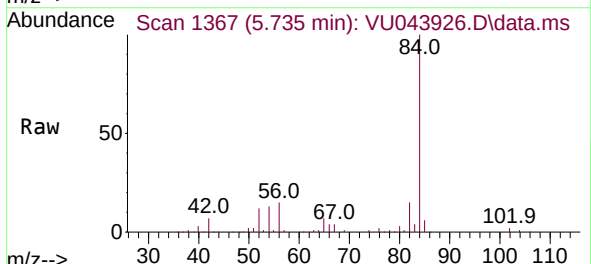
Instrument :
MSVOA_U
ClientSampled :
GB425

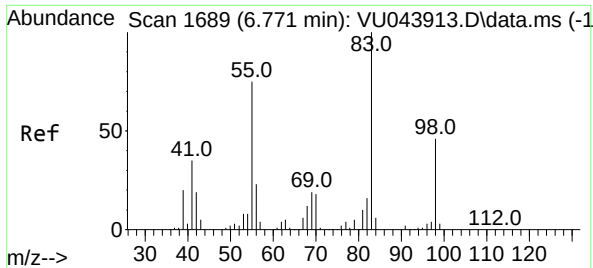
Tgt Ion: 43 Resp: 2840
Ion Ratio Lower Upper
43 100
58 31.5 0.0 46.2



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.067 min
Lab File: VU043926.D
Acq: 24 May 2021 22:25

Tgt Ion: 62 Resp: 1011
Ion Ratio Lower Upper
62 100
98 0.0 8.3 12.5#

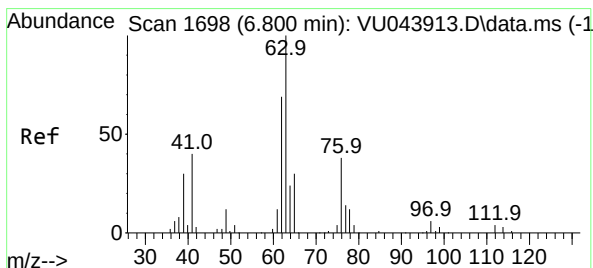
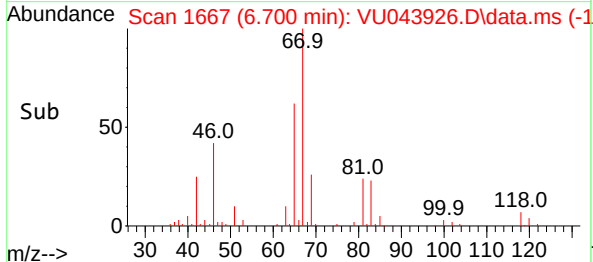
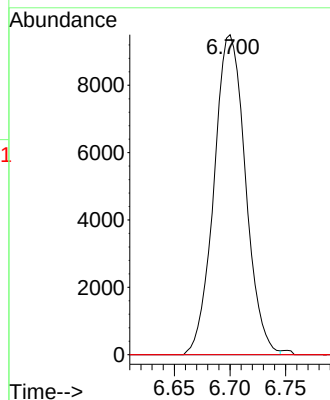
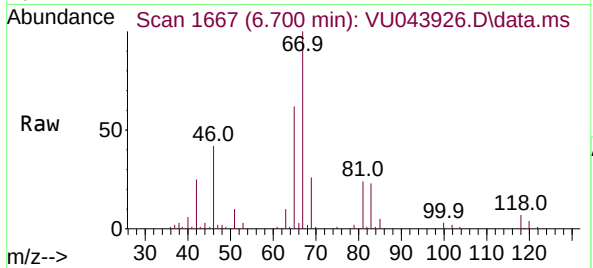




#35
Methylcyclohexane
Concen: 1.07 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043926.D
Acq: 24 May 2021 22:25

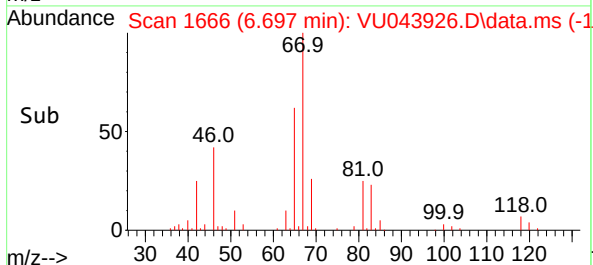
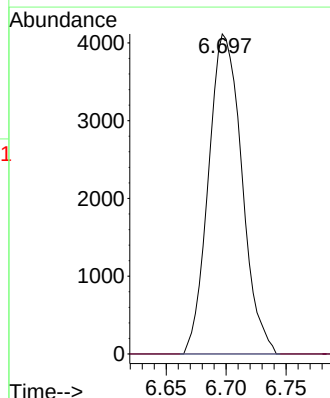
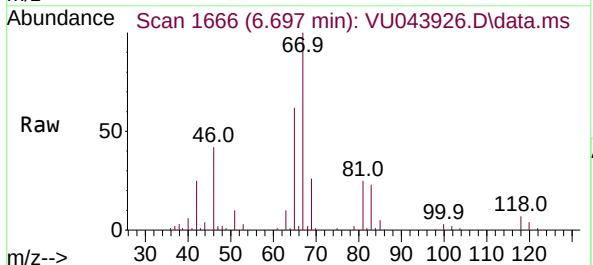
Instrument :
MSVOA_U
ClientSampled :
GB425

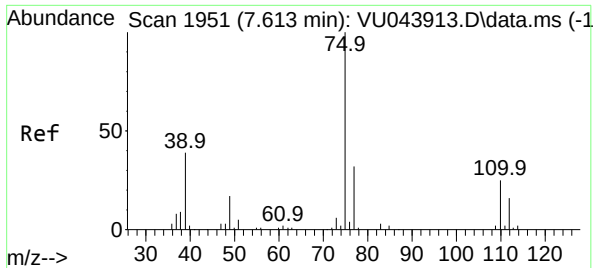
Tgt Ion:	83	Resp:	18702
Ion Ratio	Lower	Upper	
83	100		
55	0.0	61.2	91.8#
98	0.2	37.0	55.4#



#37
1,2-Dichloropropane
Concen: 0.65 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043926.D
Acq: 24 May 2021 22:25

Tgt Ion:	63	Resp:	7971
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.7	5.5#



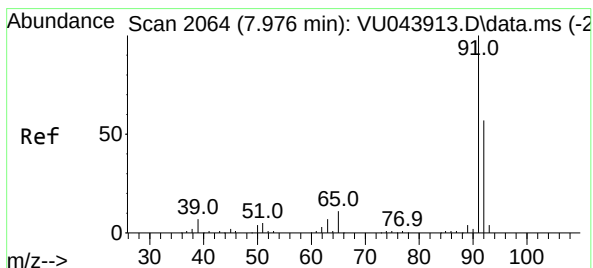
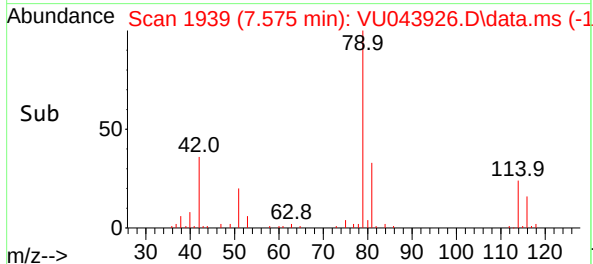
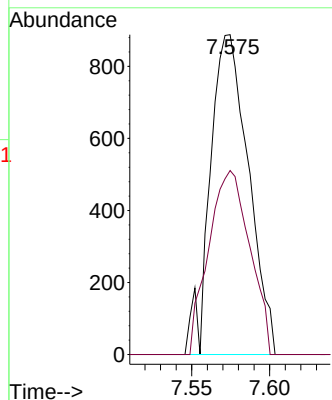
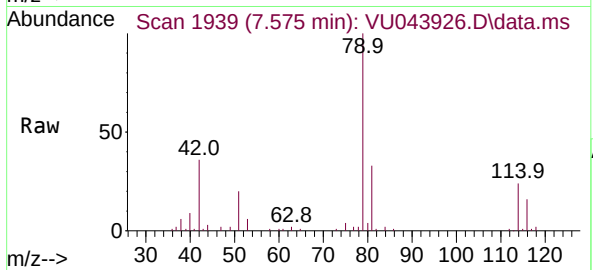


#39

cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU043926.D
Acq: 24 May 2021 22:25

Instrument :
MSVOA_U
ClientSampled :
GB425

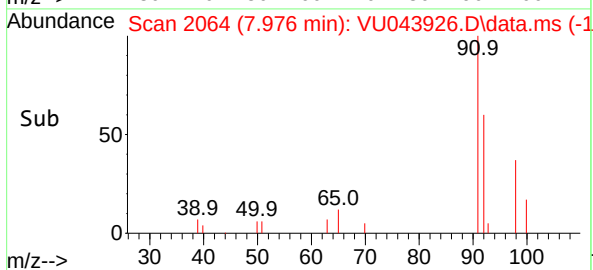
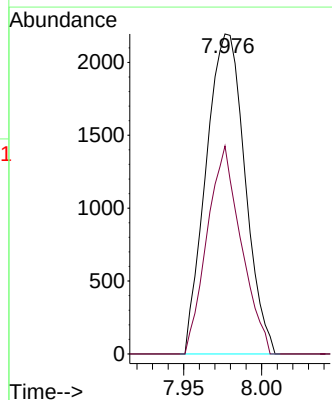
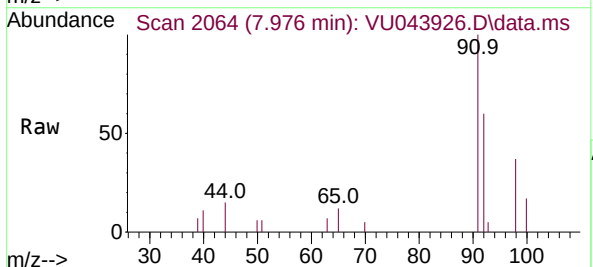
Tgt Ion: 75 Resp: 1516
Ion Ratio Lower Upper
75 100
77 57.5 22.3 41.3#

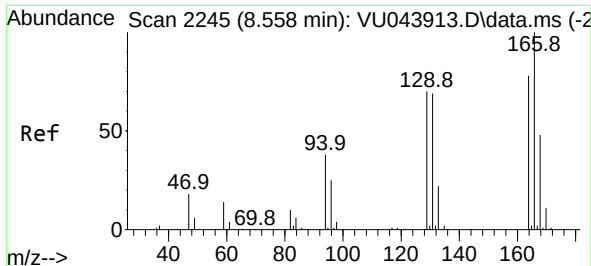


#42

Toluene
Concen: 0.08 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043926.D
Acq: 24 May 2021 22:25

Tgt Ion: 91 Resp: 3809
Ion Ratio Lower Upper
91 100
92 65.0 40.5 75.1



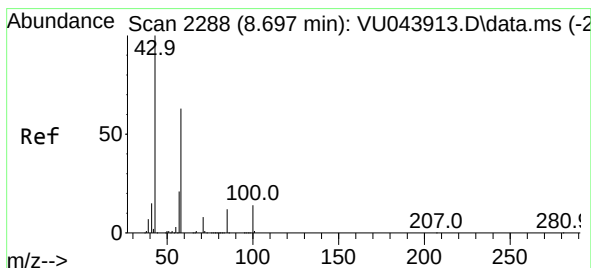
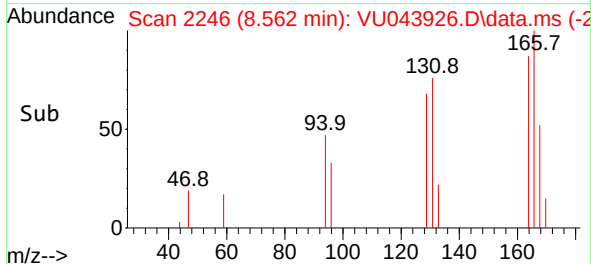
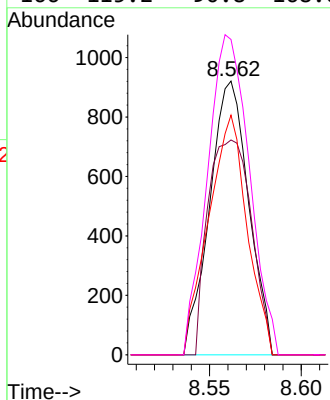
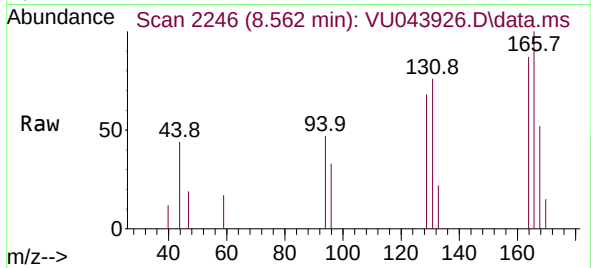


#47
Tetrachloroethene
Concen: 0.13 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043926.D
Acq: 24 May 2021 22:25

Instrument :
MSVOA_U
ClientSampleId :
GB425

Tgt Ion:164 Resp: 1361

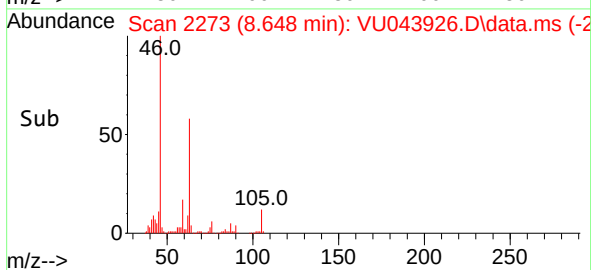
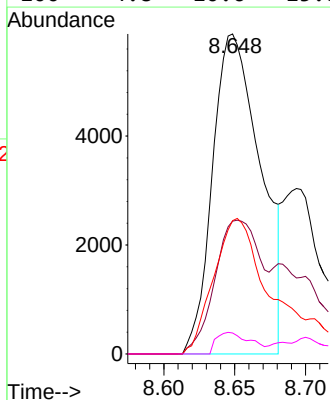
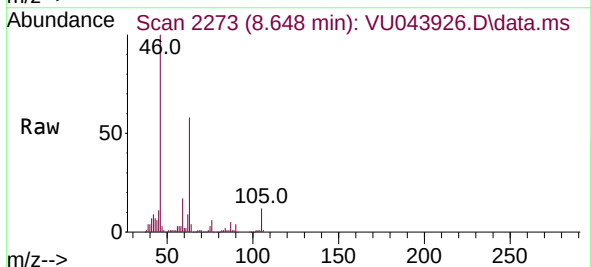
Ion	Ratio	Lower	Upper
164	100		
129	78.5	64.1	119.1
131	87.5	64.5	119.9
166	115.2	90.8	168.6

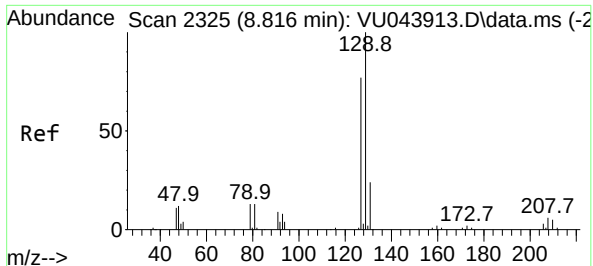


#48
2-Hexanone
Concen: 2.69 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU043926.D
Acq: 24 May 2021 22:25

Tgt Ion: 43 Resp: 13856

Ion	Ratio	Lower	Upper
43	100		
58	40.2	49.4	74.0#
57	54.8	16.8	25.2#
100	4.8	10.6	15.8#





#49

Dibromochloromethane

Concen: 0.11 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.254 min

Lab File: VU043926.D

Acq: 24 May 2021 22:25

Instrument :

MSVOA_U

ClientSampled :

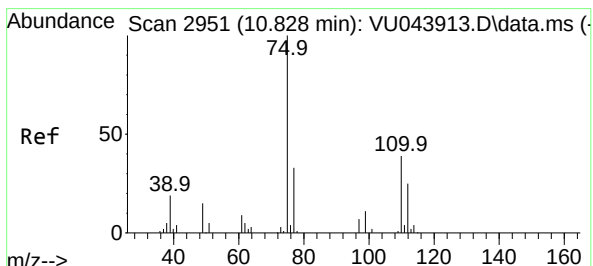
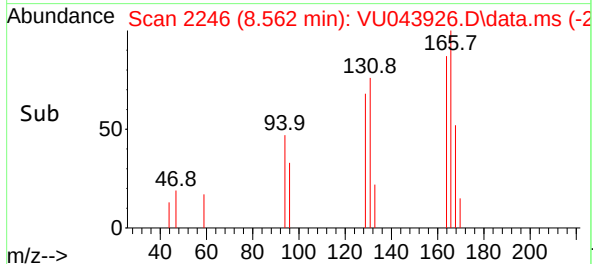
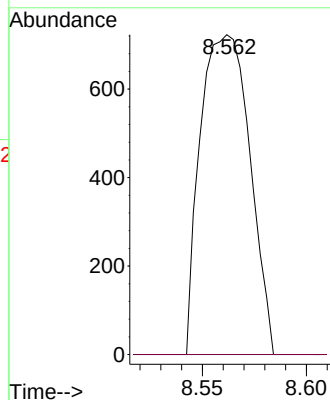
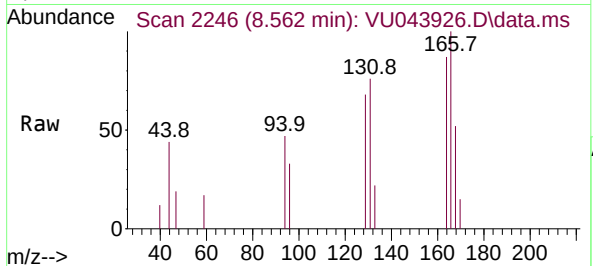
GB425

Tgt Ion:129 Resp: 1195

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



#61

1,2,3-Trichloropropane

Concen: 1.08 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.990 min

Lab File: VU043926.D

Acq: 24 May 2021 22:25

Tgt Ion: 75 Resp: 7105

Ion Ratio Lower Upper

75 100

110 1.1 29.3 43.9#

77 31.1 26.3 39.5

