

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043924.D
 Acq On : 24 May 2021 21:37
 Operator : SY/MD
 Sample : M2494-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB423

Quant Time: May 25 04:14:24 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	6.256	114	170441	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	178876	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	75437	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	60331	6.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	127.20%
7) Chloroethane-d5	1.922	69	43235	6.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	126.40%
11) 1,1-Dichloroethene-d2	2.575	65	27597	5.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	119.60%
20) 2-Butanone-d5	4.649	46	133803	44.48	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.96%
24) Chloroform-d	5.073	84	123715	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.00%
26) 1,2-Dichloroethane-d4	5.713	65	65101	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.20%
32) Benzene-d6	5.735	84	249369	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
36) 1,2-Dichloropropane-d6	6.700	67	81083	5.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.20%
41) Toluene-d8	7.906	98	210494	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloroprop...	8.185	79	28294	5.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.60%
46) 2-Hexanone-d5	8.648	63	132951	54.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.98%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	71498	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
66) 1,2-Dichlorobenzene-d4	12.198	152	83699	6.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.20%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	1255	0.10	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	1332	0.12	ug/L #	22
12) 1,1-Dichloroethene	2.588	96	267892	24.33	ug/L #	88
13) Acetone	2.662	43	2121	1.34	ug/L	84
19) 1,1-Dichloroethane	3.880	63	107462	5.47	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	3723	0.30	ug/L	82
25) Chloroform	5.102	83	3349	0.15	ug/L	99
27) 1,2-Dichloroethane	5.803	62	5904	0.46	ug/L	95
29) 1,1,1-Trichloroethane	5.327	97	98417	5.31	ug/L	98
31) Carbon tetrachloride	5.327	117	14150	0.89	ug/L	99
34) Trichloroethene	6.552	95	4822	0.38	ug/L	96
35) Methylcyclohexane	6.700	83	18783	1.02	ug/L #	19
39) cis-1,3-Dichloropropene	7.578	75	1443	0.09	ug/L #	57
42) Toluene	7.976	91	4583	0.09	ug/L	99
47) Tetrachloroethene	8.558	164	187927	17.32	ug/L	99
48) 2-Hexanone	8.690	43	6524	1.21	ug/L	96
49) Dibromochloromethane	8.558	129	171686	15.12	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	7988	1.15	ug/L #	66

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue May 25 04:12:21 2021
Response via : Initial Calibration

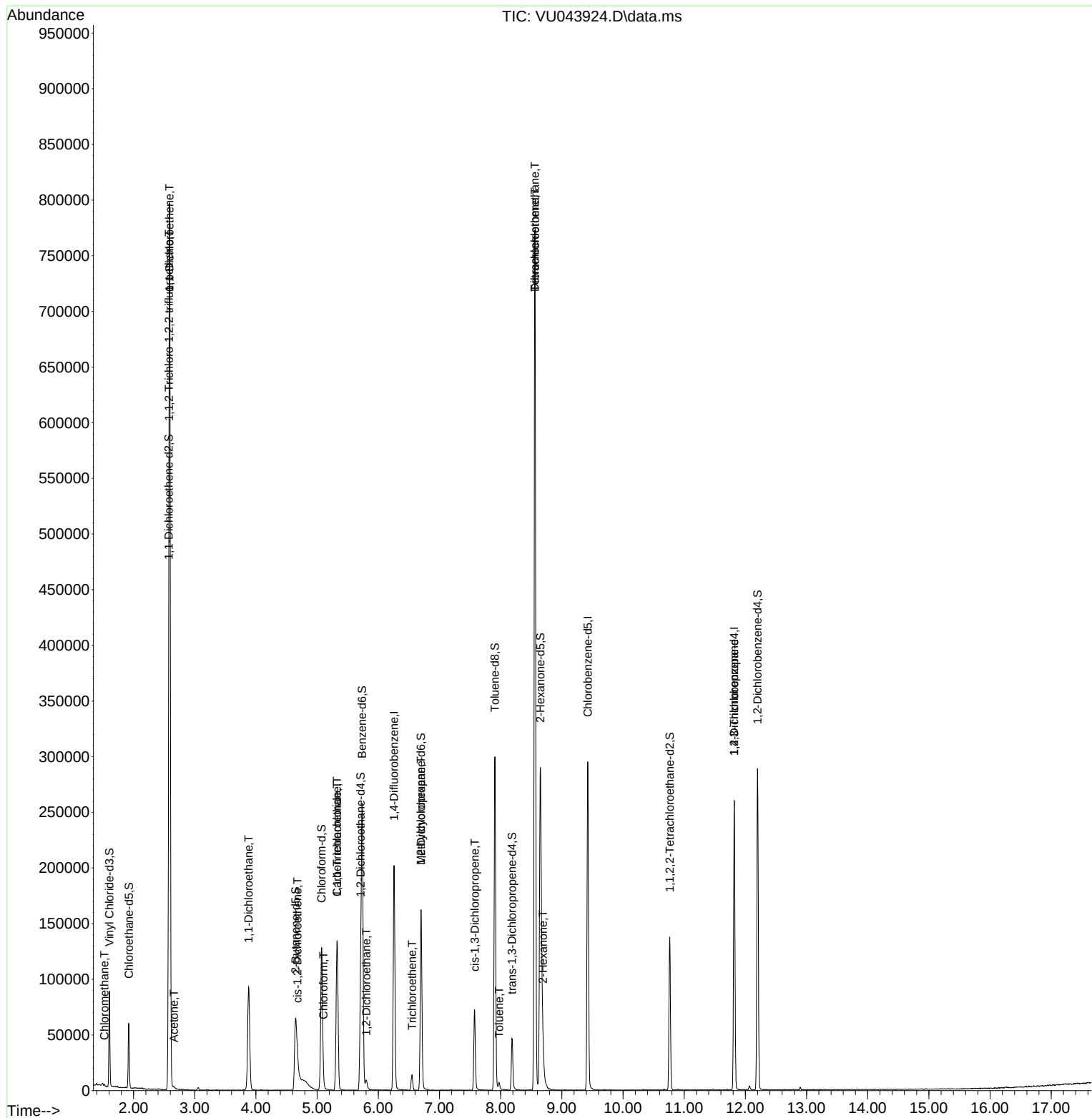
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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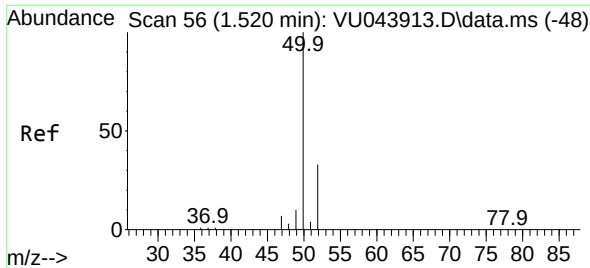
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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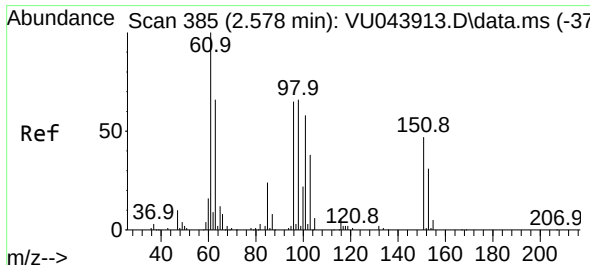
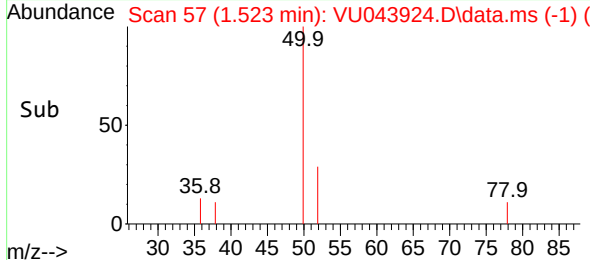
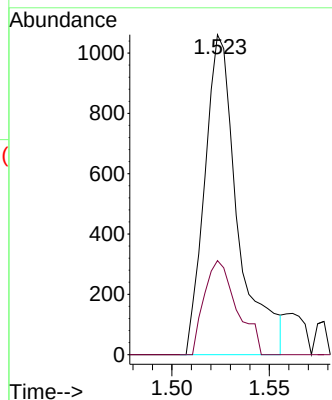
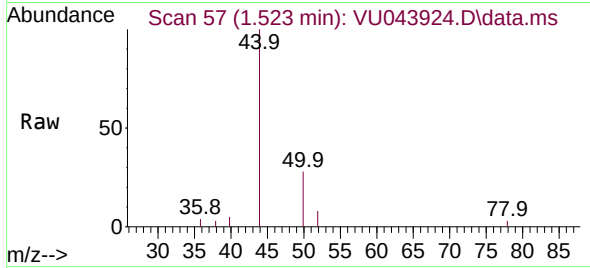




#3
Chloromethane
Concen: 0.10 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043924.D
Acq: 24 May 2021 21:37

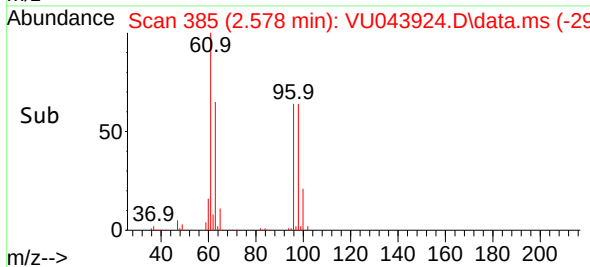
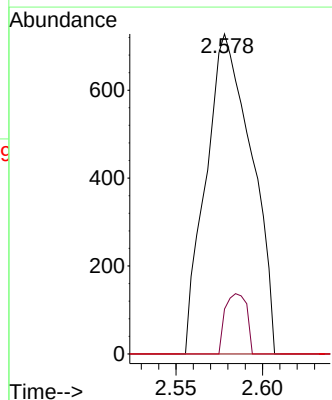
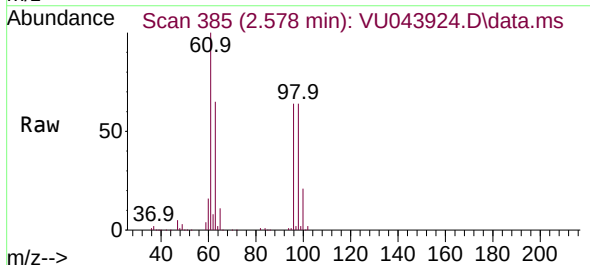
Instrument :
MSVOA_U
ClientSampled :
GB423

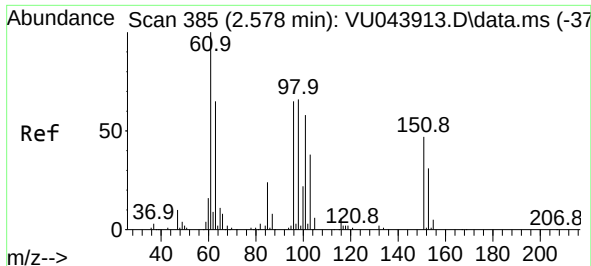
Tgt Ion: 50 Resp: 1255
Ion Ratio Lower Upper
50 100
52 29.4 23.4 43.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.12 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU043924.D
Acq: 24 May 2021 21:37

Tgt Ion: 101 Resp: 1332
Ion Ratio Lower Upper
101 100
85 8.9 32.5 48.7#
151 0.0 64.9 97.3#

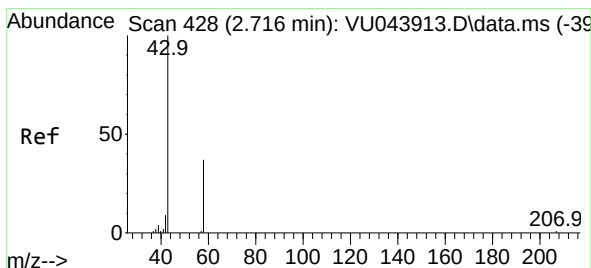
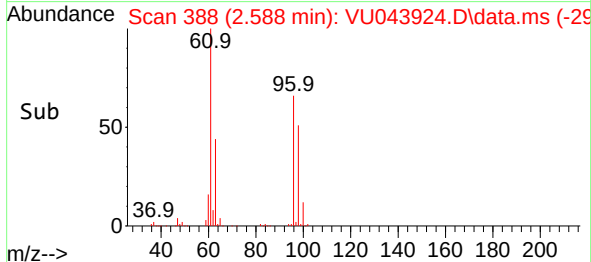
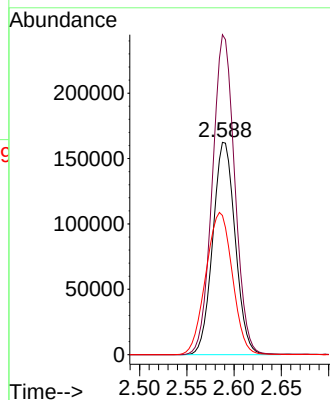
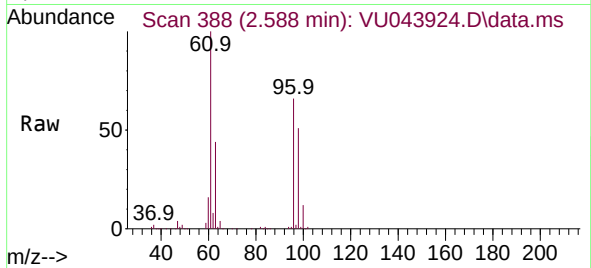




#12
1,1-Dichloroethene
Concen: 24.33 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.010 min
Lab File: VU043924.D
Acq: 24 May 2021 21:37

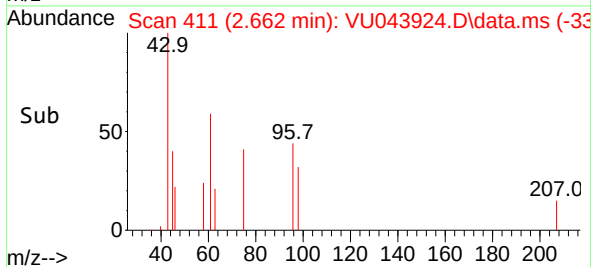
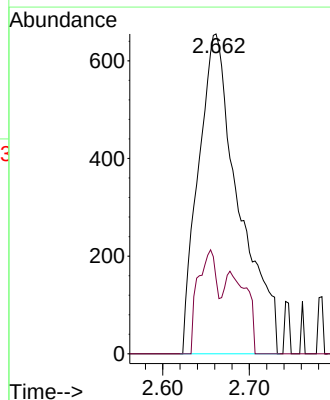
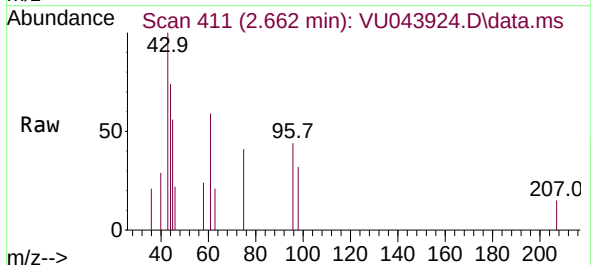
Instrument :
MSVOA_U
ClientSampled :
GB423

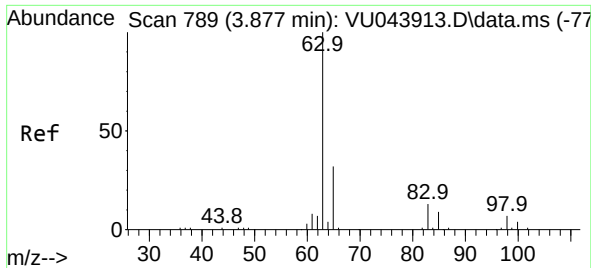
Tgt Ion: 96 Resp: 267892
Ion Ratio Lower Upper
96 100
61 150.7 105.1 195.3
63 65.6 66.6 123.6#



#13
Acetone
Concen: 1.34 ug/L
RT: 2.662 min Scan# 411
Delta R.T. -0.055 min
Lab File: VU043924.D
Acq: 24 May 2021 21:37

Tgt Ion: 43 Resp: 2121
Ion Ratio Lower Upper
43 100
58 15.1 0.0 46.2





#19

1,1-Dichloroethane

Concen: 5.47 ug/L

RT: 3.880 min Scan# 790

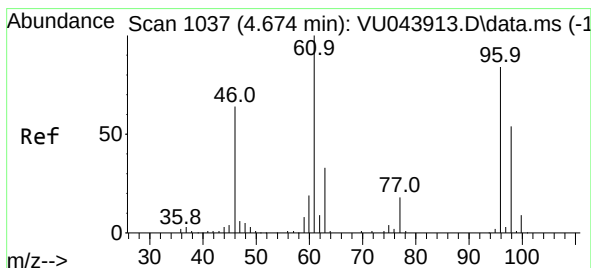
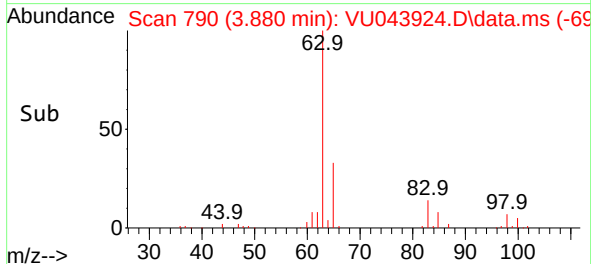
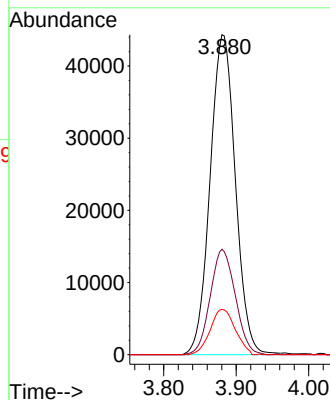
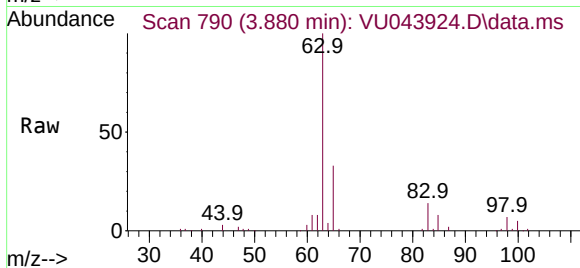
Delta R.T. 0.003 min

Lab File: VU043924.D

Acq: 24 May 2021 21:37

Tgt Ion: 63 Resp: 107462

Ion	Ratio	Lower	Upper
63	100		
65	32.9	23.2	43.2
83	14.2	9.7	18.1



#22

cis-1,2-Dichloroethene

Concen: 0.30 ug/L

RT: 4.678 min Scan# 1038

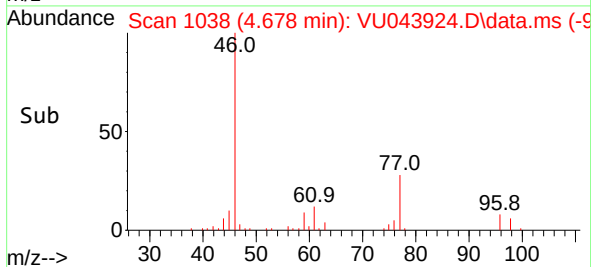
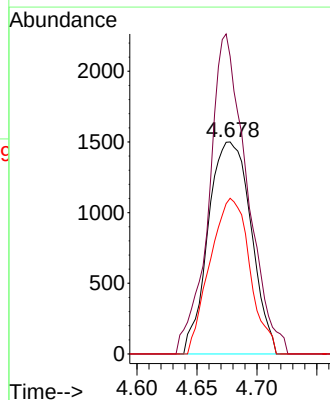
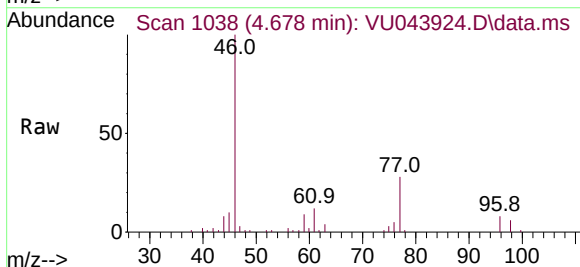
Delta R.T. 0.003 min

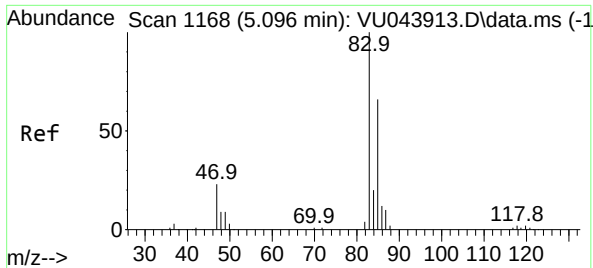
Lab File: VU043924.D

Acq: 24 May 2021 21:37

Tgt Ion: 96 Resp: 3723

Ion	Ratio	Lower	Upper
96	100		
61	140.4	82.9	153.9
98	73.4	43.3	80.5





#25

Chloroform

Concen: 0.15 ug/L

RT: 5.102 min Scan# 1170

Delta R.T. 0.006 min

Lab File: VU043924.D

Acq: 24 May 2021 21:37

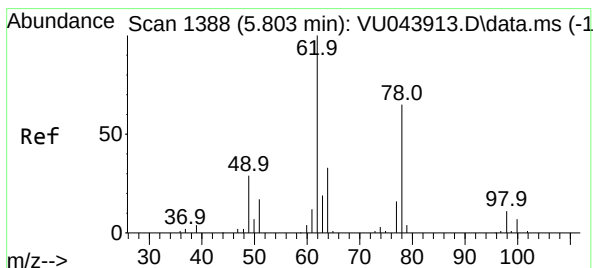
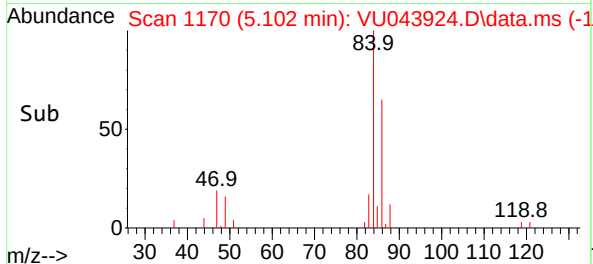
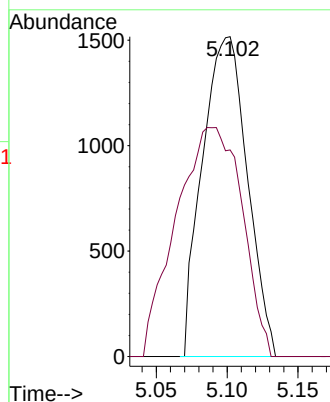
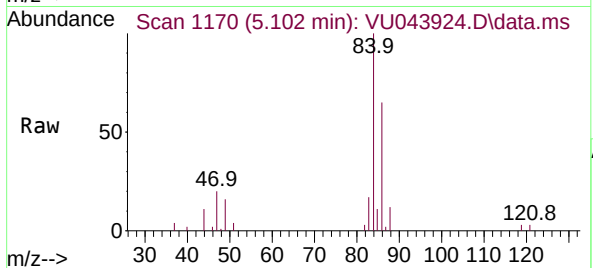
Instrument :
MSVOA_U
ClientSampled :
GB423

Tgt Ion: 83 Resp: 3349

Ion Ratio Lower Upper

83 100

85 64.6 44.7 82.9



#27

1,2-Dichloroethane

Concen: 0.46 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. 0.000 min

Lab File: VU043924.D

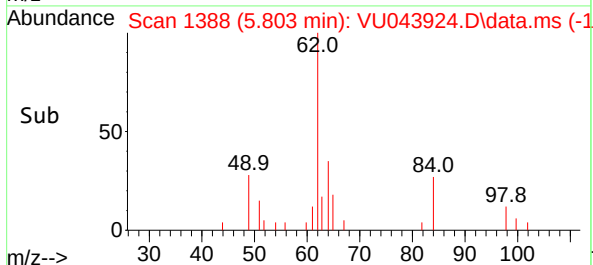
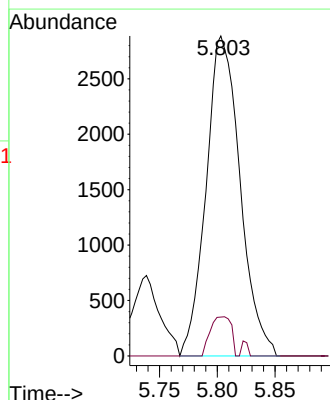
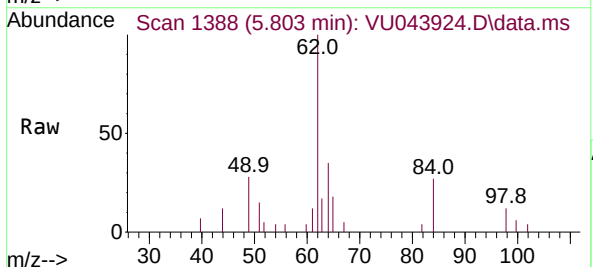
Acq: 24 May 2021 21:37

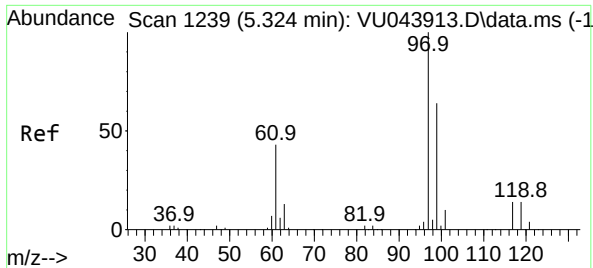
Tgt Ion: 62 Resp: 5904

Ion Ratio Lower Upper

62 100

98 12.2 8.3 12.5

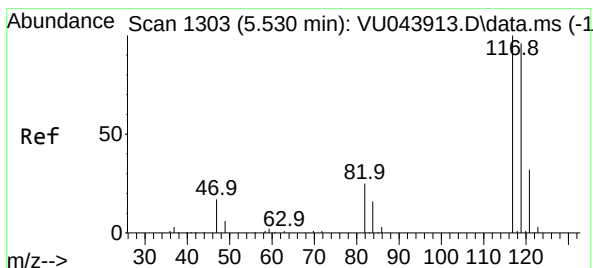
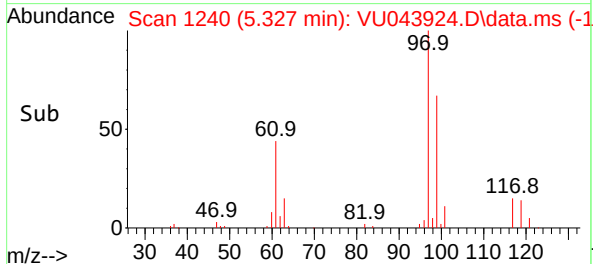
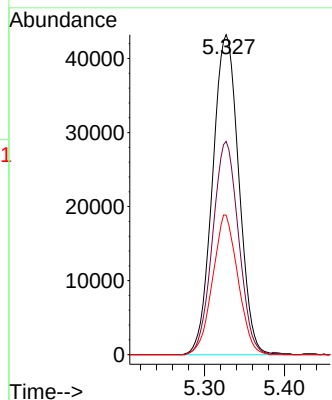
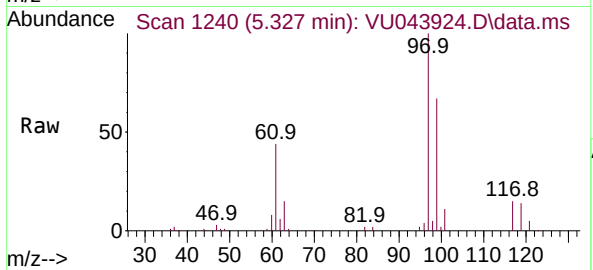




#29
1,1,1-Trichloroethane
Concen: 5.31 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.003 min
Lab File: VU043924.D
Acq: 24 May 2021 21:37

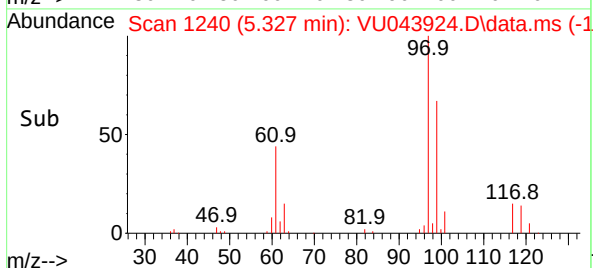
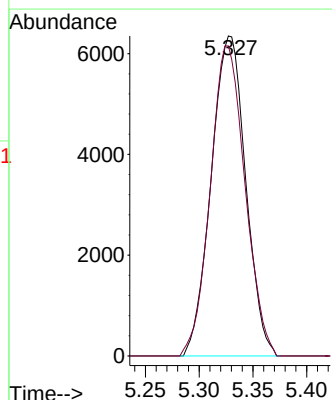
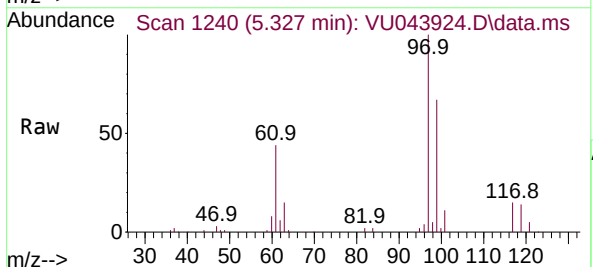
Instrument :
MSVOA_U
ClientSampled :
GB423

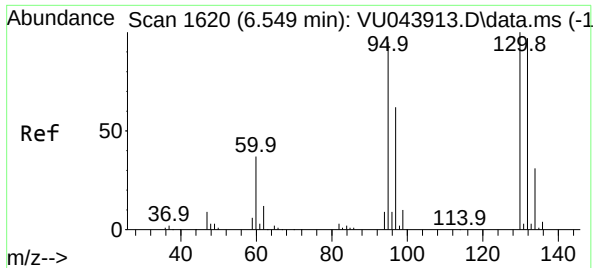
Tgt Ion: 97 Resp: 98417
Ion Ratio Lower Upper
97 100
99 66.0 51.9 77.9
61 42.2 34.7 52.1



#31
Carbon tetrachloride
Concen: 0.89 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.203 min
Lab File: VU043924.D
Acq: 24 May 2021 21:37

Tgt Ion: 117 Resp: 14150
Ion Ratio Lower Upper
117 100
119 97.6 77.4 116.0



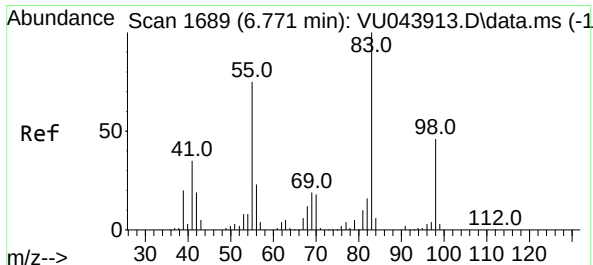
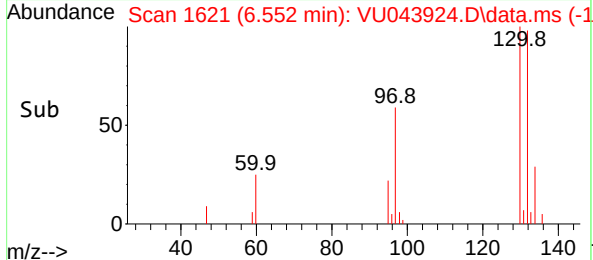
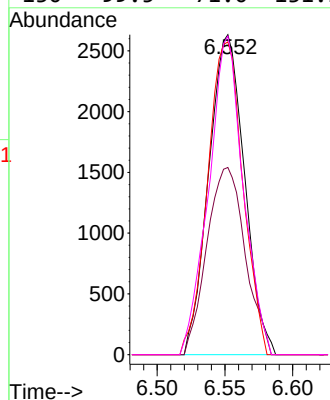
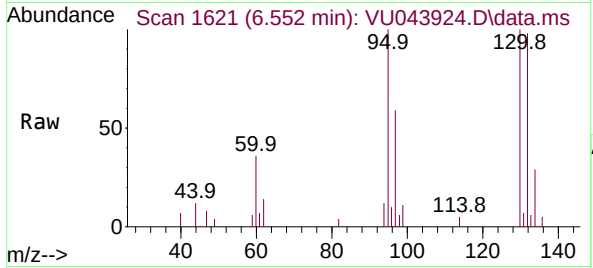


#34
Trichloroethene
Concen: 0.38 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043924.D
Acq: 24 May 2021 21:37

Instrument :
MSVOA_U
ClientSampled :
GB423

Tgt Ion: 95 Resp: 4822

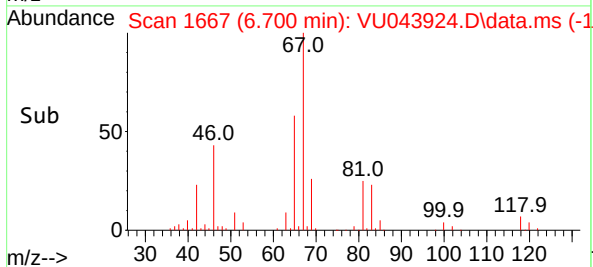
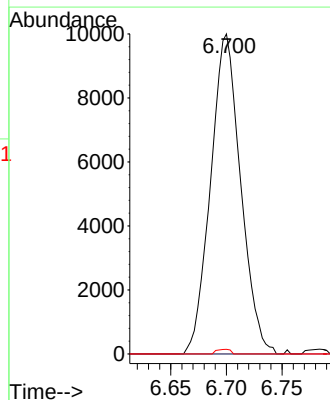
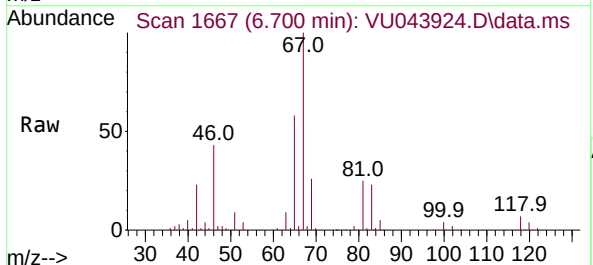
Ion	Ratio	Lower	Upper
95	100		
97	58.5	45.5	84.5
132	97.8	70.9	131.7
130	99.5	71.0	131.9

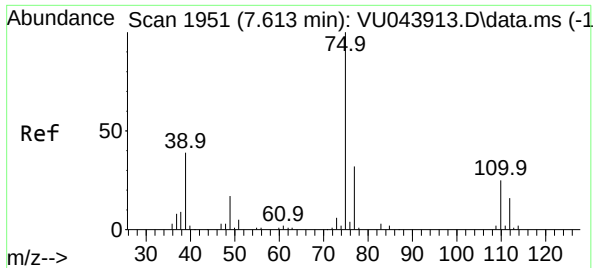


#35
Methylcyclohexane
Concen: 1.02 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043924.D
Acq: 24 May 2021 21:37

Tgt Ion: 83 Resp: 18783

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	0.7	37.0	55.4#



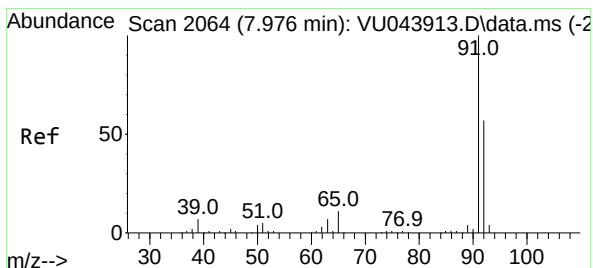
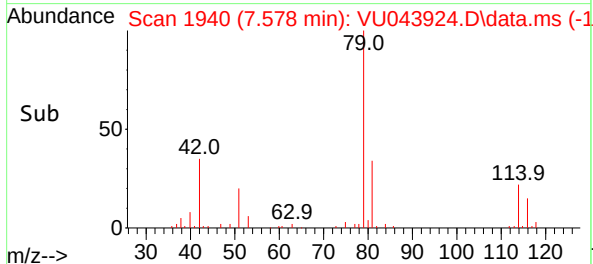
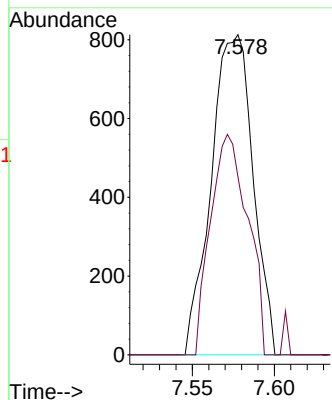
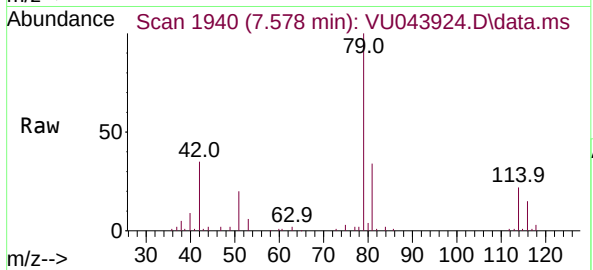


#39

cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.035 min
Lab File: VU043924.D
Acq: 24 May 2021 21:37

Instrument :
MSVOA_U
ClientSampled :
GB423

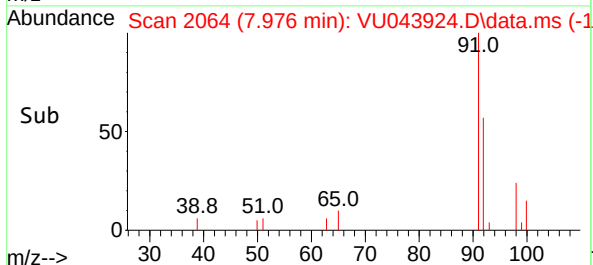
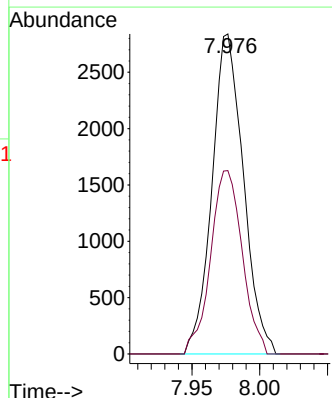
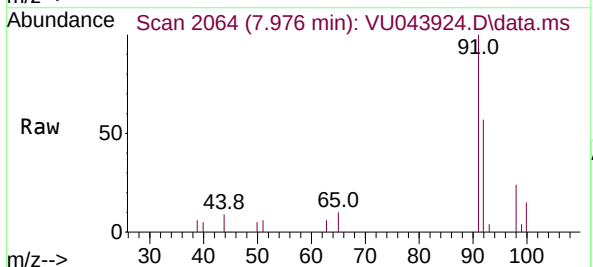
Tgt Ion: 75 Resp: 1443
Ion Ratio Lower Upper
75 100
77 55.6 22.3 41.3#

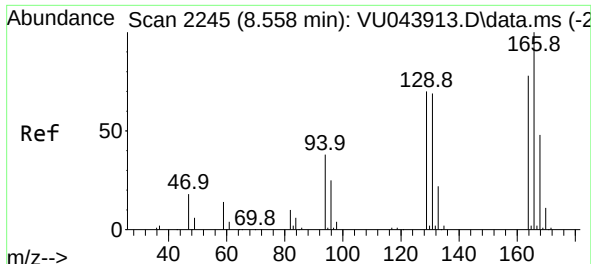


#42

Toluene
Concen: 0.09 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043924.D
Acq: 24 May 2021 21:37

Tgt Ion: 91 Resp: 4583
Ion Ratio Lower Upper
91 100
92 57.3 40.5 75.1

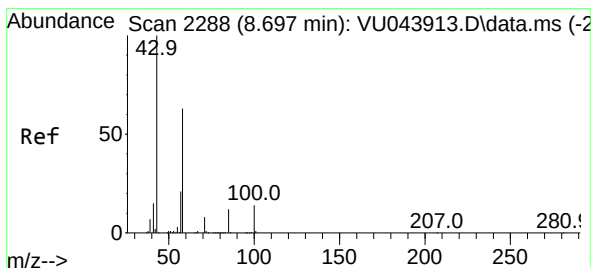
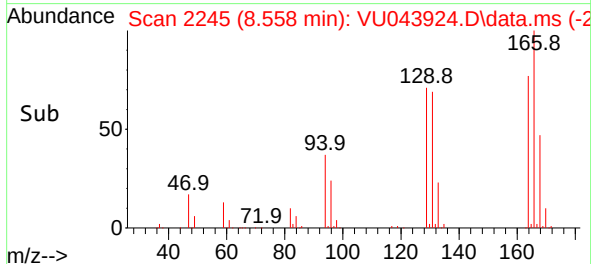
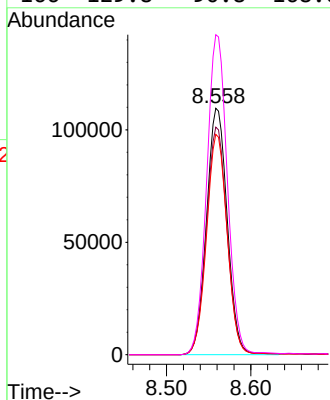
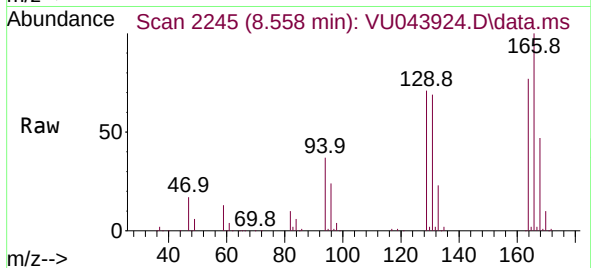




#47
Tetrachloroethene
Concen: 17.32 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043924.D
Acq: 24 May 2021 21:37

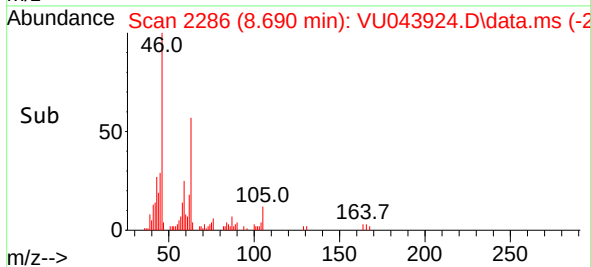
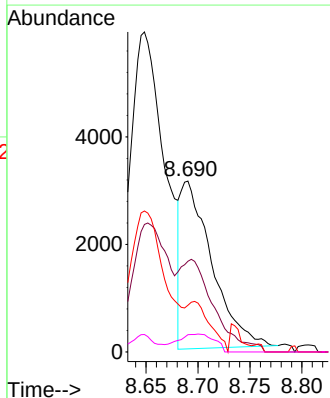
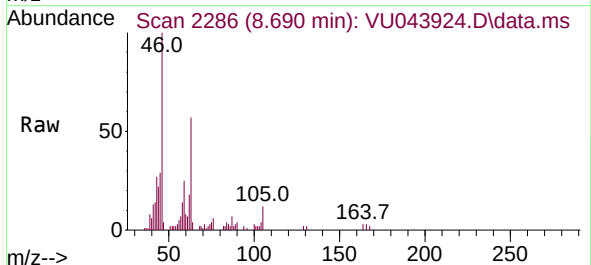
Instrument :
MSVOA_U
ClientSampleId :
GB423

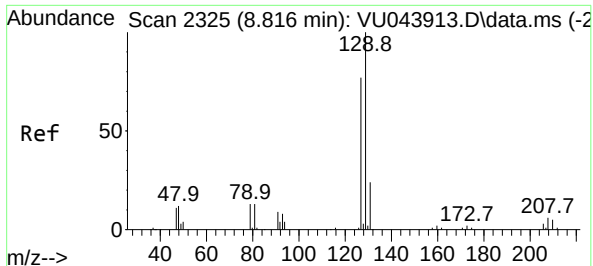
Tgt Ion:164 Resp: 187927
Ion Ratio Lower Upper
164 100
129 92.3 64.1 119.1
131 89.4 64.5 119.9
166 129.8 90.8 168.6



#48
2-Hexanone
Concen: 1.21 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VU043924.D
Acq: 24 May 2021 21:37

Tgt Ion: 43 Resp: 6524
Ion Ratio Lower Upper
43 100
58 57.2 49.4 74.0
57 21.6 16.8 25.2
100 12.6 10.6 15.8





#49

Dibromochloromethane

Concen: 15.12 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.257 min

Lab File: VU043924.D

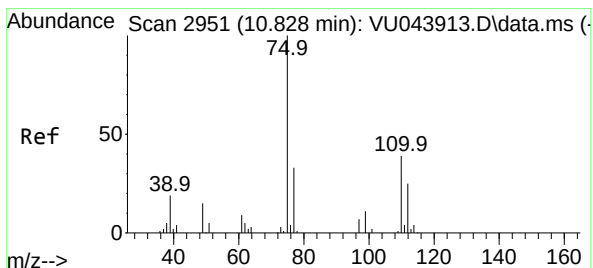
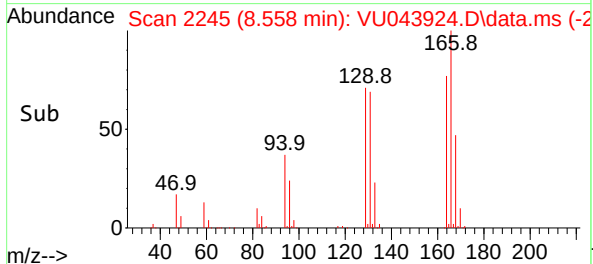
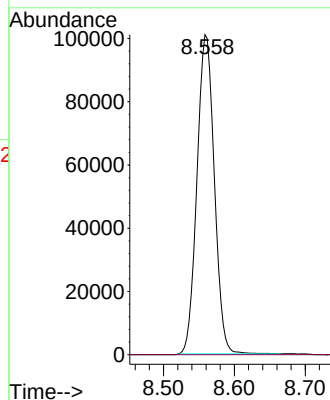
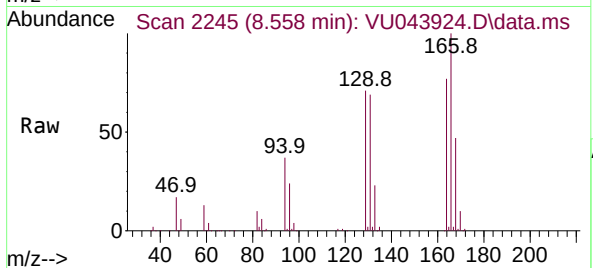
Acq: 24 May 2021 21:37

Tgt Ion:129 Resp: 171686

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



#61

1,2,3-Trichloropropane

Concen: 1.15 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.990 min

Lab File: VU043924.D

Acq: 24 May 2021 21:37

Tgt Ion: 75 Resp: 7988

Ion Ratio Lower Upper

75 100

110 0.6 29.3 43.9#

77 30.1 26.3 39.5

