

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)

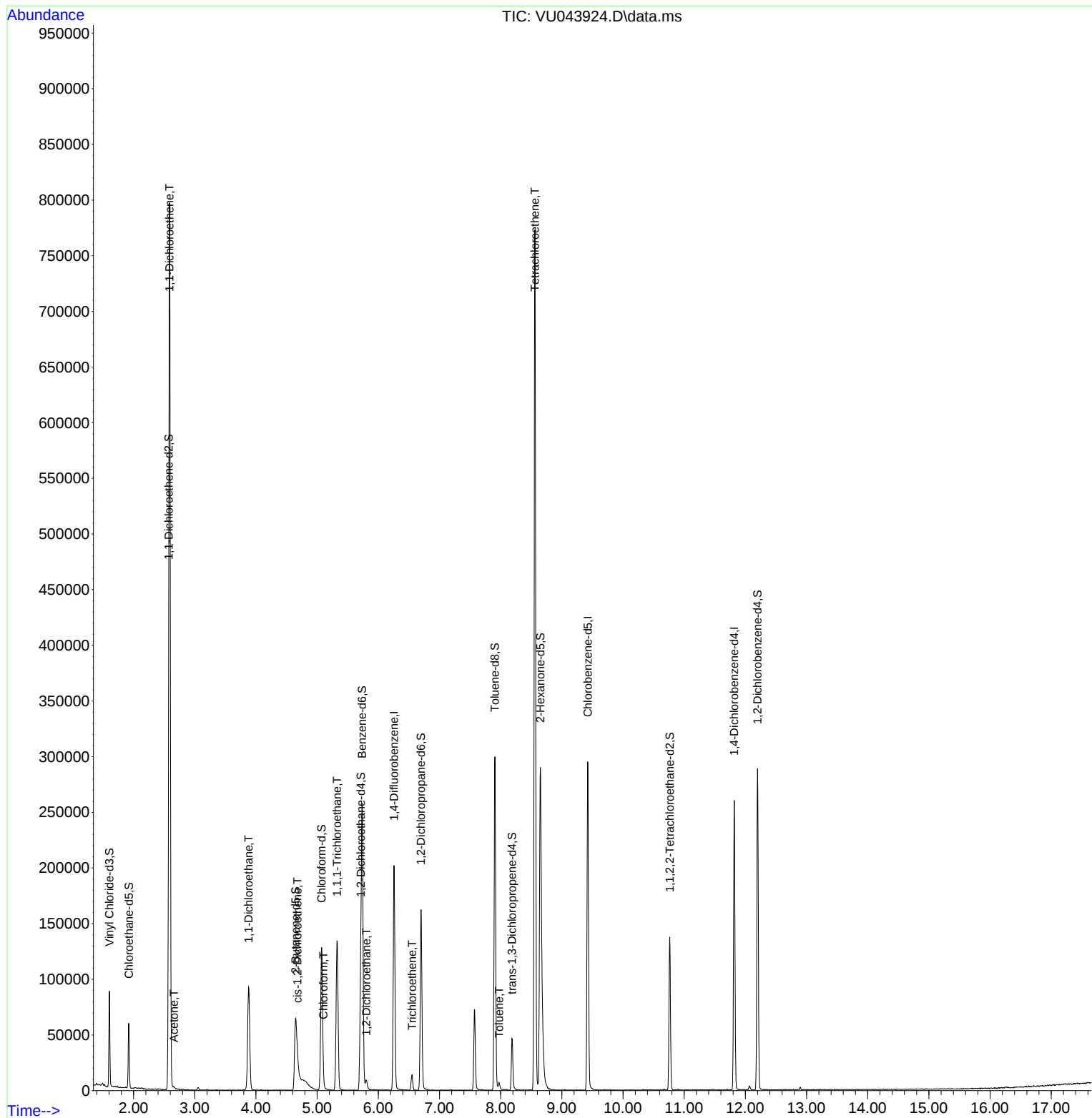
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	170441	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	178876	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	75437	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	60331	6.36	ug/L	0.00
Spiked Amount	5.000	Range	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
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
34) Trichloroethene	6.552	95	4822	0.38	ug/L	96
42) Toluene	7.976	91	4583	0.09	ug/L	99
47) Tetrachloroethene	8.558	164	187927	17.32	ug/L	99

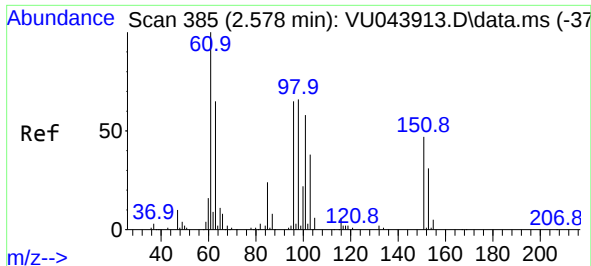
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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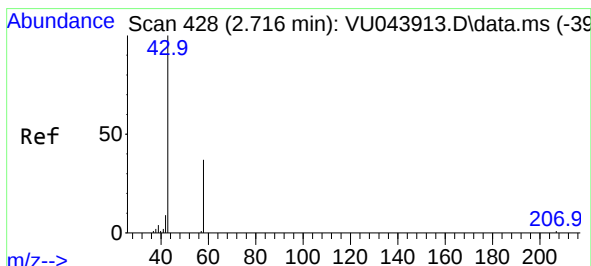
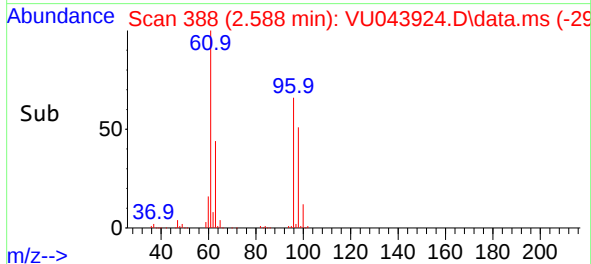
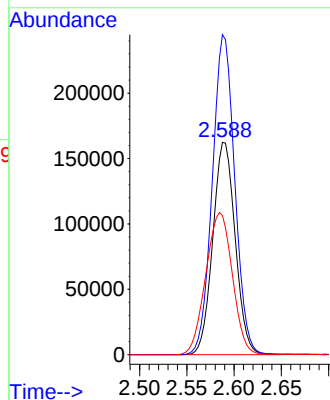
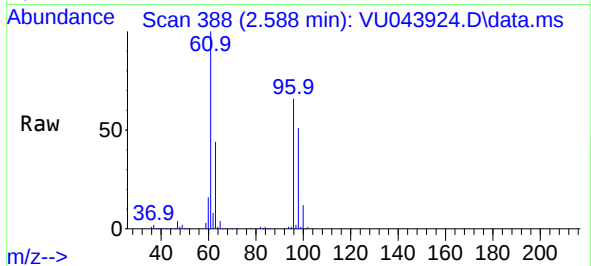




#12
1,1-Dichloroethene
Concen: 24.33 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.010 min
Lab File: VU043924.D
Acq: 24 May 2021 21:37

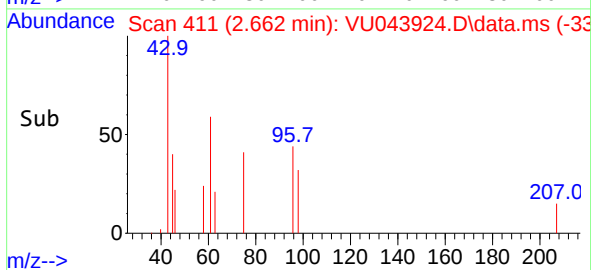
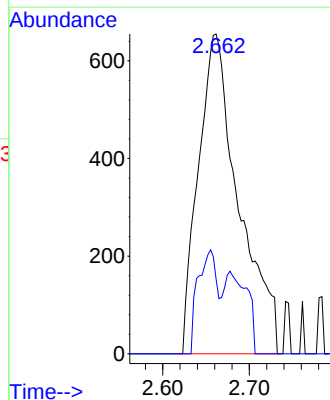
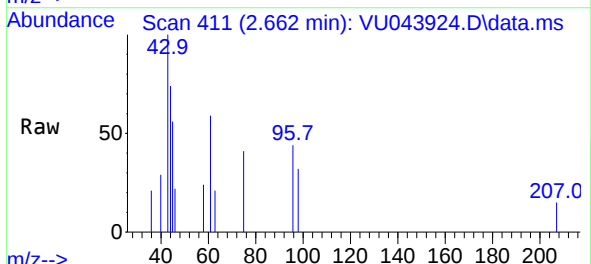
Instrument :
MSVOA_U
ClientSampled :
GB423

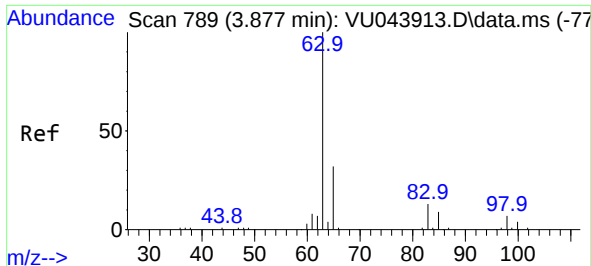
Tgt Ion: 96 Resp: 267892
Ion Ratio Lower Upper
96 100
61 150.7 105.1 195.3
63 65.6 66.6 123.6#



#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



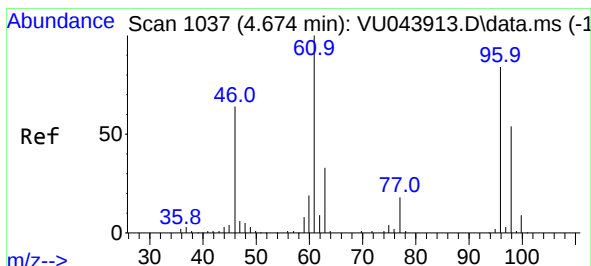
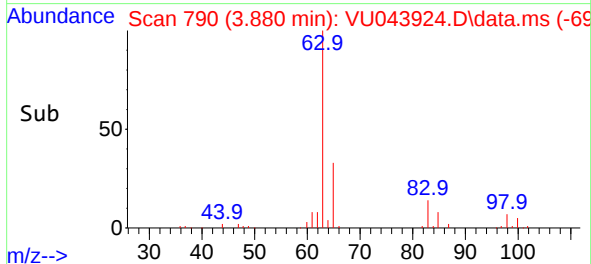
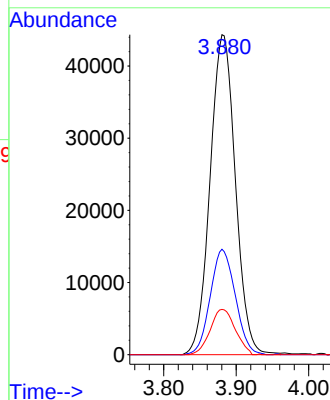
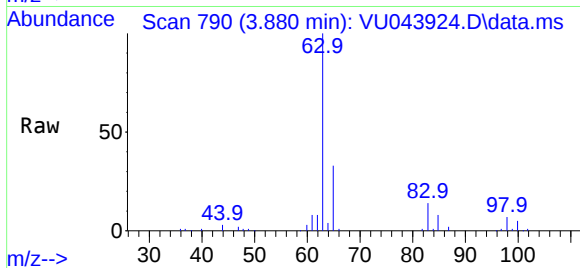


#19

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

Instrument :
MSVOA_U
ClientSampled :
GB423

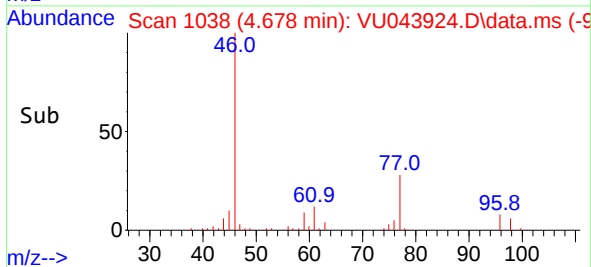
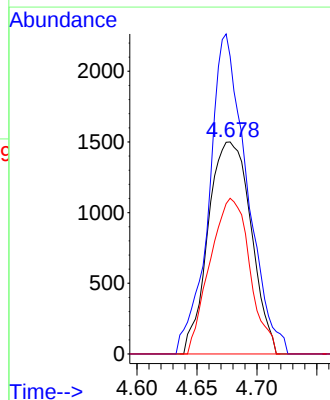
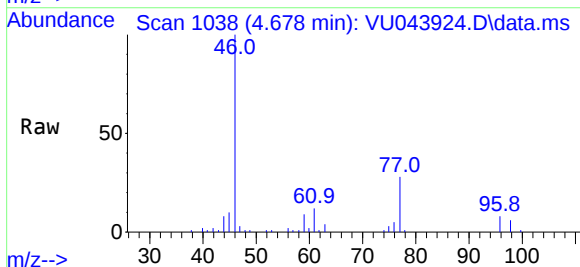
Tgt Ion: 63 Resp: 107462
Ion Ratio Lower Upper
63 100
65 32.9 23.2 43.2
83 14.2 9.7 18.1

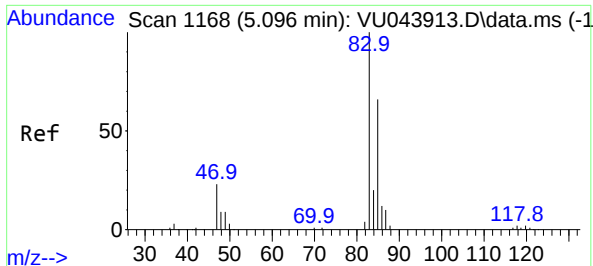


#22

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



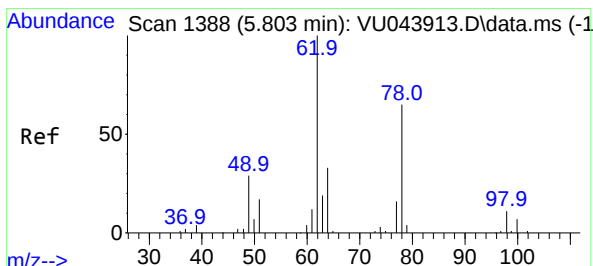
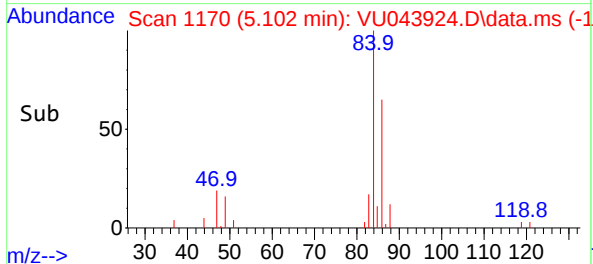
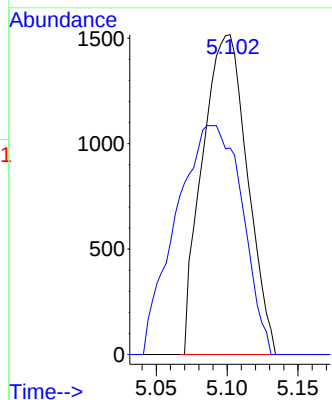
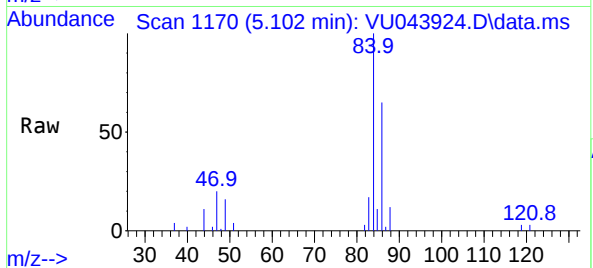


#25

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
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GB423

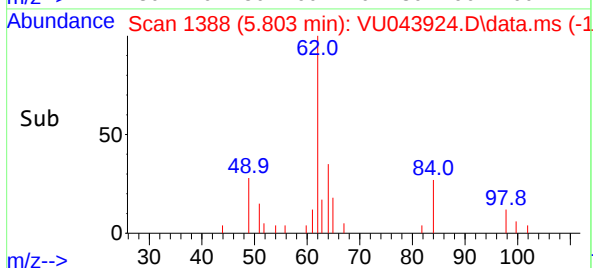
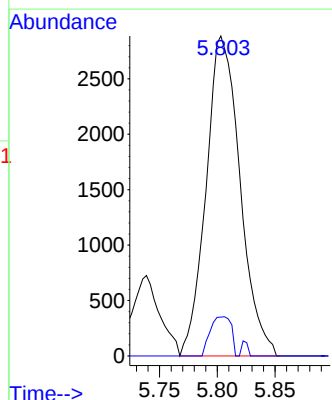
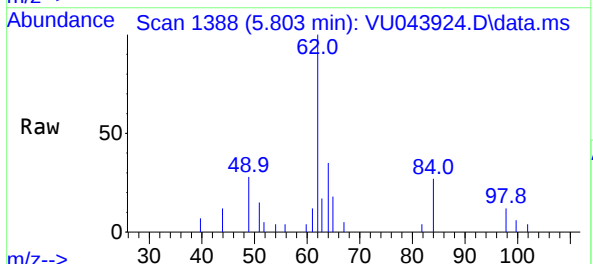
Tgt Ion: 83 Resp: 3349
Ion Ratio Lower Upper
83 100
85 64.6 44.7 82.9

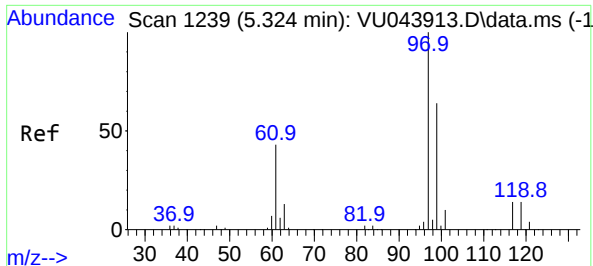


#27

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



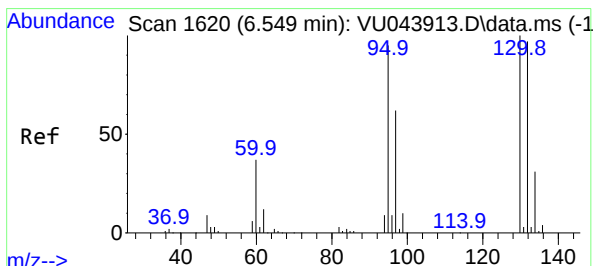
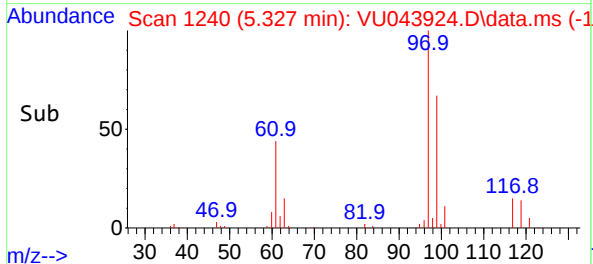
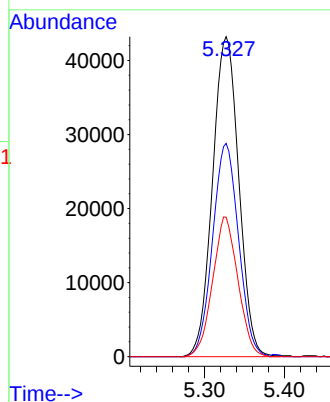
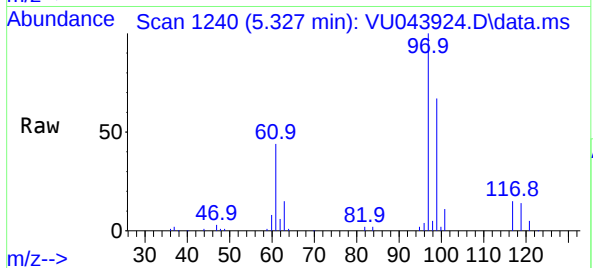


#29
1,1,1-Trichloroethane
Concen: 5.31 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.003 min
Lab File: VU043924.D
Acq: 24 May 2021 21:37

Instrument :
MSVOA_U
ClientSampleId :
GB423

Tgt Ion: 97 Resp: 98417

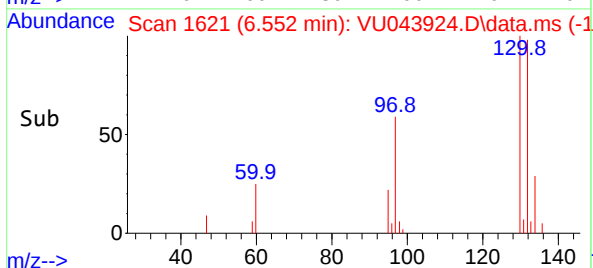
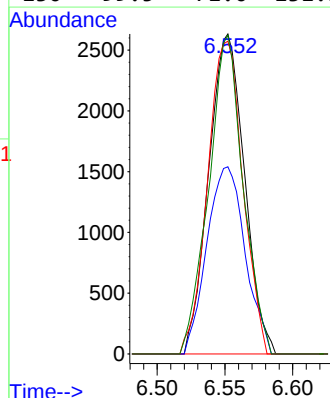
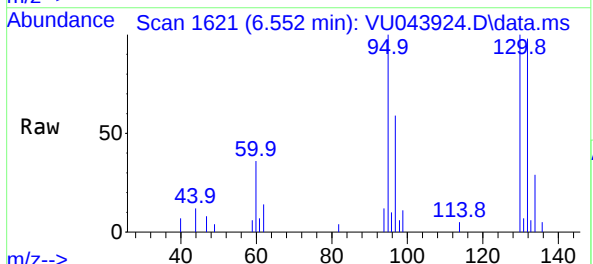
Ion	Ratio	Lower	Upper
97	100		
99	66.0	51.9	77.9
61	42.2	34.7	52.1

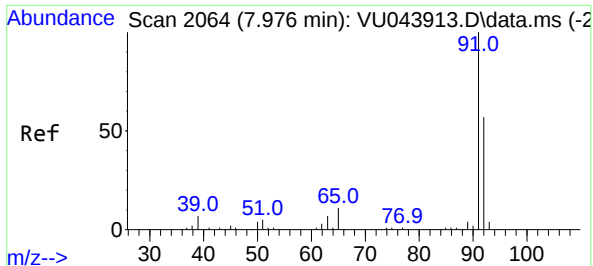


#34
Trichloroethene
Concen: 0.38 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043924.D
Acq: 24 May 2021 21:37

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

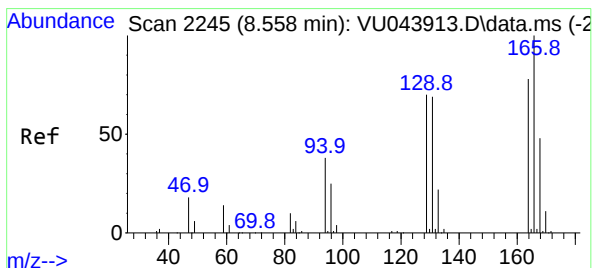
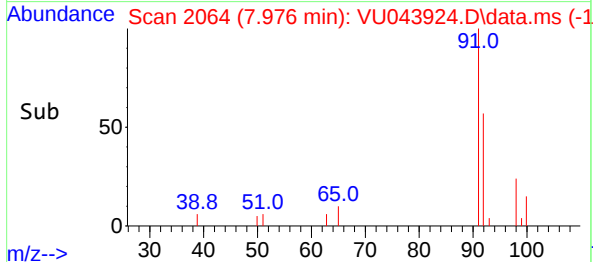
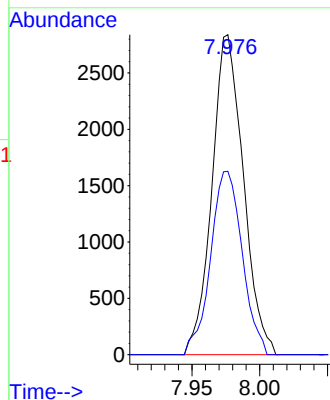
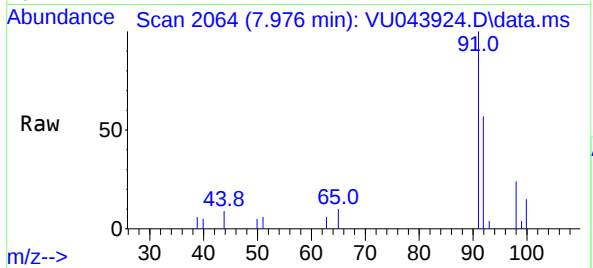




#42
Toluene
Concen: 0.09 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043924.D
Acq: 24 May 2021 21:37

Instrument :
MSVOA_U
ClientSampled :
GB423

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

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

