

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043959.D
 Acq On : 25 May 2021 13:24
 Operator : SY/MD
 Sample : M2464-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB447

Quant Time: May 25 14:30:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 07:46:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	220344	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	232052	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	99271	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	16775	1.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	27.40%#
7) Chloroethane-d5	1.919	69	45808	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.575	65	20673	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.645	46	143661	36.94	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.88%
24) Chloroform-d	5.073	84	142128	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.713	65	73832	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.739	84	280412	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.700	67	94114	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.906	98	212672	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloroprop...	8.189	79	30989	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.648	63	152856	48.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.46%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	82516	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	98822	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

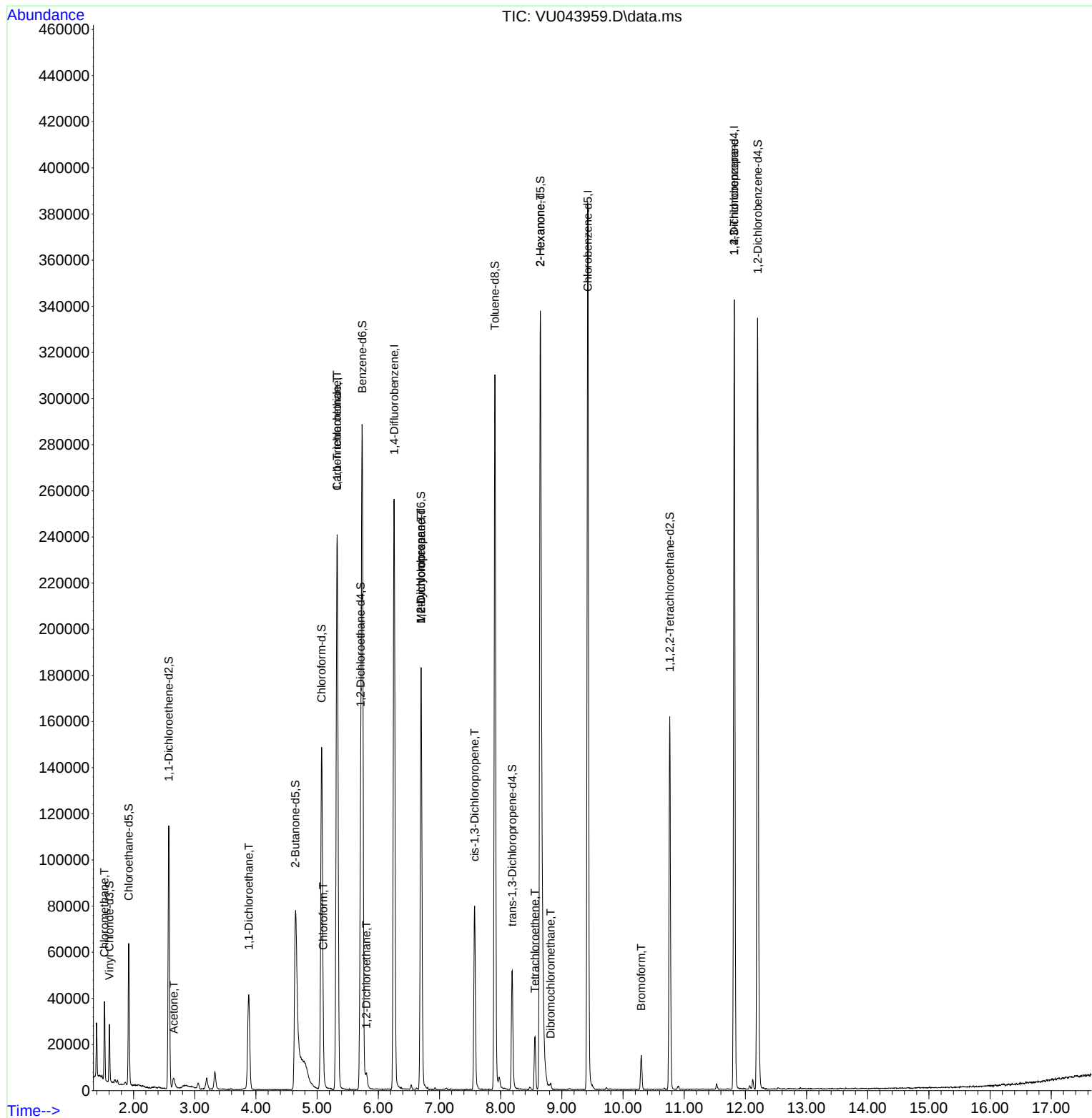
Target Compounds				Qvalue		
3) Chloromethane	1.523	50	23434	1.49	ug/L	98
13) Acetone	2.655	43	8575	4.18	ug/L	78
19) 1,1-Dichloroethane	3.883	63	48713	1.92	ug/L	98
25) Chloroform	5.099	83	5158	0.18	ug/L	91
27) 1,2-Dichloroethane	5.806	62	4150	0.25	ug/L #	94
29) 1,1,1-Trichloroethane	5.327	97	177937	7.40	ug/L	99
31) Carbon tetrachloride	5.327	117	25137	1.22	ug/L	99
35) Methylcyclohexane	6.700	83	21115	0.89	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	9136	0.55	ug/L #	88
39) cis-1,3-Dichloropropene	7.575	75	1814	0.08	ug/L #	48
47) Tetrachloroethene	8.558	164	5707	0.41	ug/L	93
48) 2-Hexanone	8.648	43	17060	2.44	ug/L #	73
49) Dibromochloromethane	8.816	129	1457	0.10	ug/L	97
59) Bromoform	10.298	173	7049	0.99	ug/L	97
61) 1,2,3-Trichloropropane	11.819	75	10496	1.15	ug/L #	67

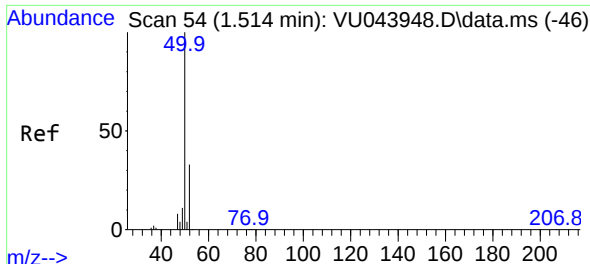
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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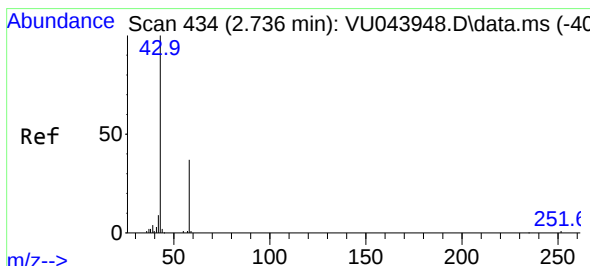
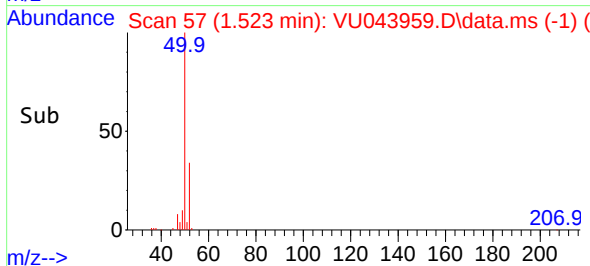
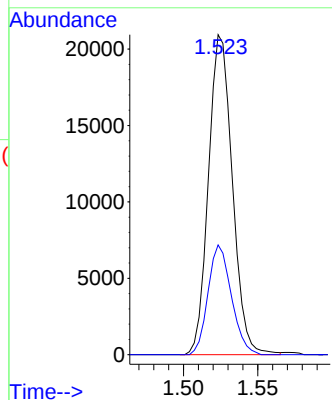
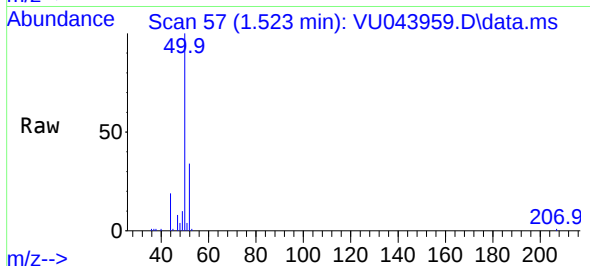




#3
Chloromethane
Concen: 1.49 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.010 min
Lab File: VU043959.D
Acq: 25 May 2021 13:24

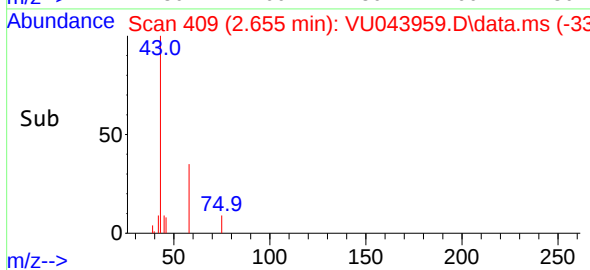
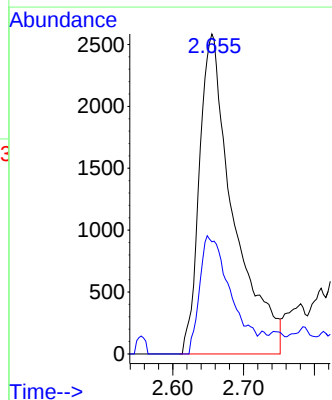
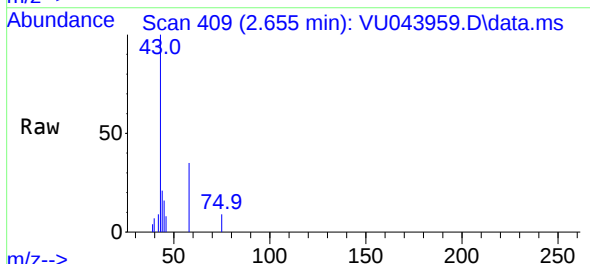
Instrument :
MSVOA_U
ClientSampleId :
GB447

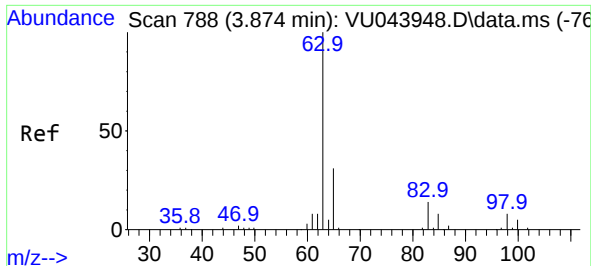
Tgt Ion: 50 Resp: 23434
Ion Ratio Lower Upper
50 100
52 34.3 23.4 43.4



#13
Acetone
Concen: 4.18 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.067 min
Lab File: VU043959.D
Acq: 25 May 2021 13:24

Tgt Ion: 43 Resp: 8575
Ion Ratio Lower Upper
43 100
58 33.9 0.0 46.2

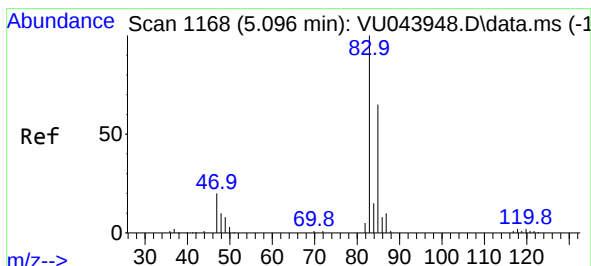
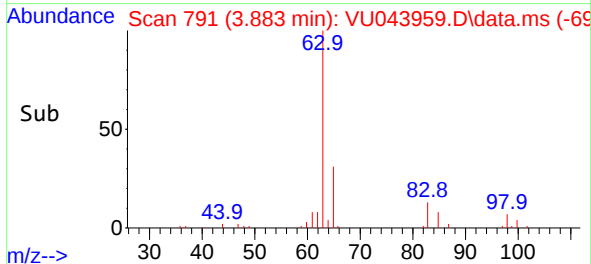
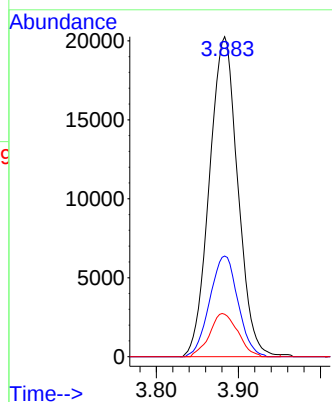
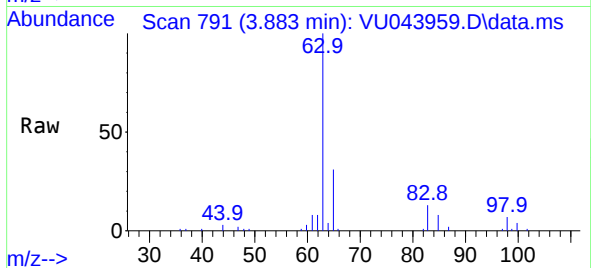




#19
1,1-Dichloroethane
Concen: 1.92 ug/L
RT: 3.883 min Scan# 791
Delta R.T. 0.010 min
Lab File: VU043959.D
Acq: 25 May 2021 13:24

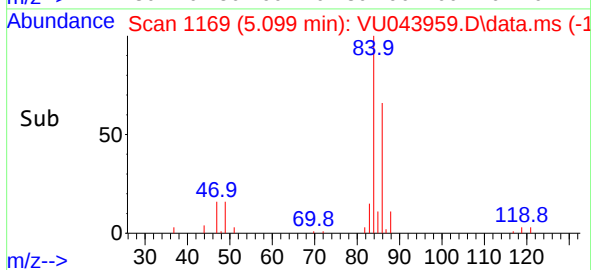
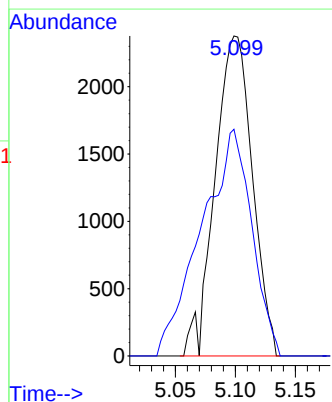
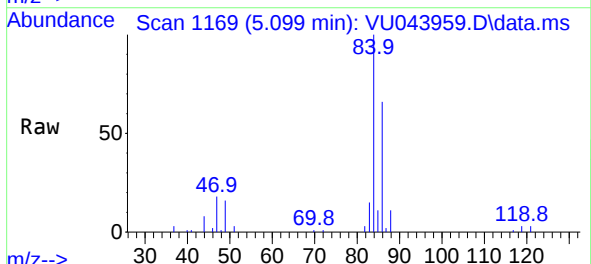
Instrument :
MSVOA_U
ClientSampleId :
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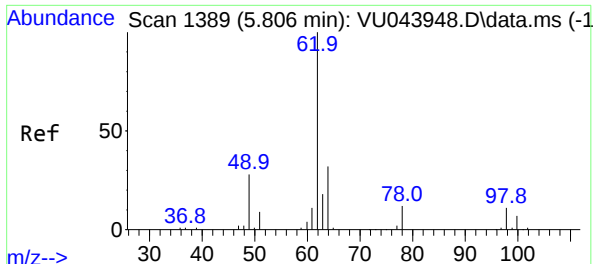
Tgt Ion: 63 Resp: 48713
Ion Ratio Lower Upper
63 100
65 32.3 23.2 43.2
83 13.3 9.7 18.1



#25
Chloroform
Concen: 0.18 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VU043959.D
Acq: 25 May 2021 13:24

Tgt Ion: 83 Resp: 5158
Ion Ratio Lower Upper
83 100
85 70.8 44.7 82.9

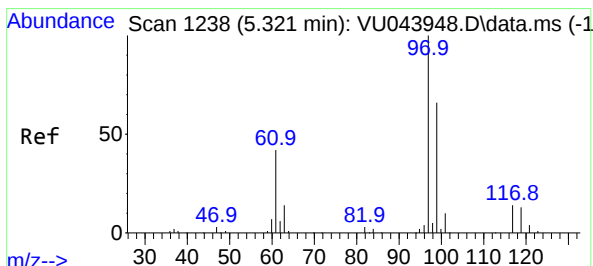
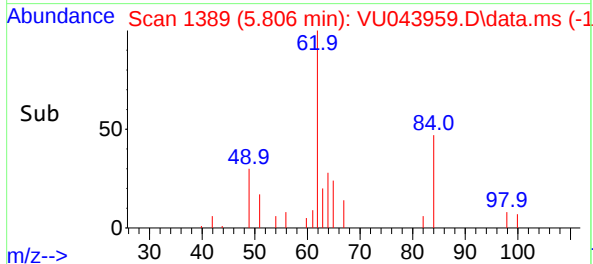
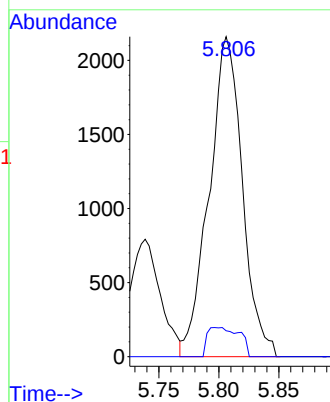
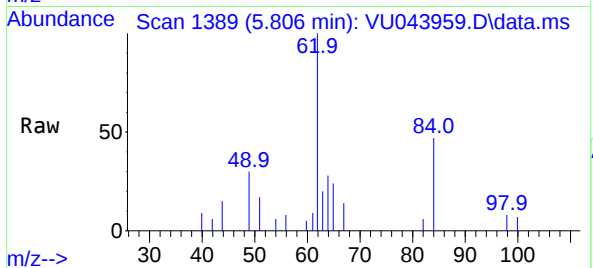




#27
1,2-Dichloroethane
Concen: 0.25 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VU043959.D
Acq: 25 May 2021 13:24

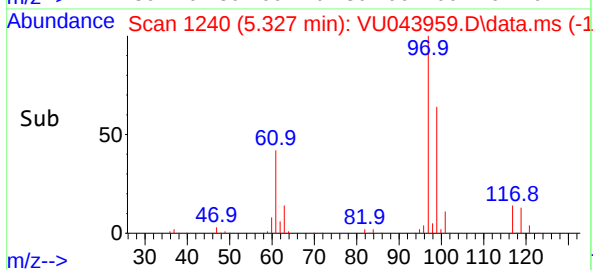
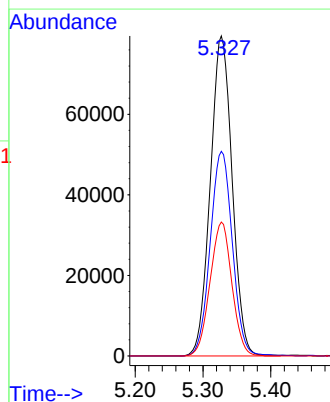
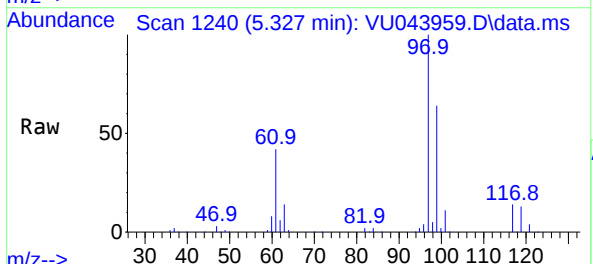
Instrument :
MSVOA_U
ClientSampleId :
GB447

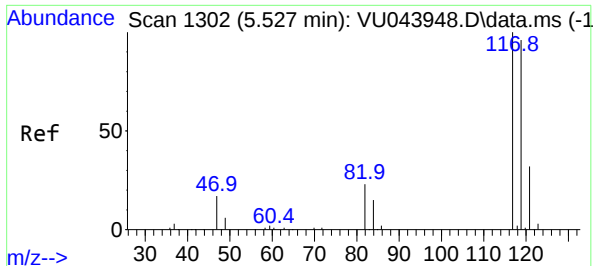
Tgt Ion: 62 Resp: 4150
Ion Ratio Lower Upper
62 100
98 8.1 8.3 12.5#



#29
1,1,1-Trichloroethane
Concen: 7.40 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VU043959.D
Acq: 25 May 2021 13:24

Tgt Ion: 97 Resp: 177937
Ion Ratio Lower Upper
97 100
99 64.9 51.9 77.9
61 41.8 34.7 52.1

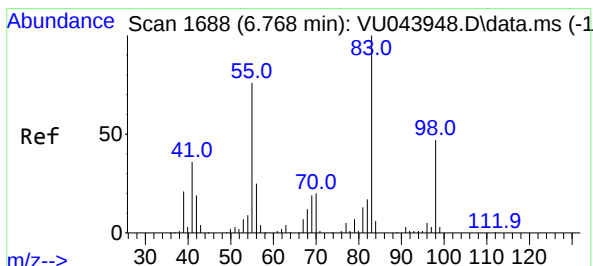
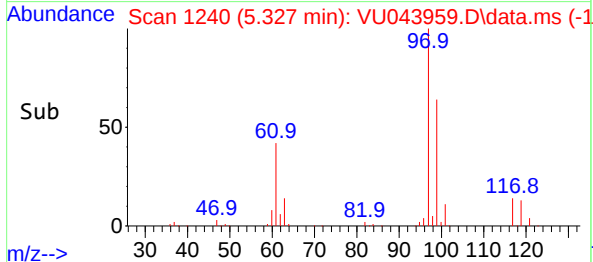
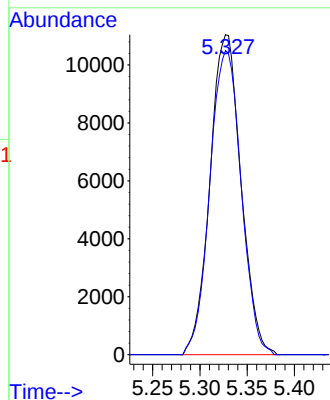
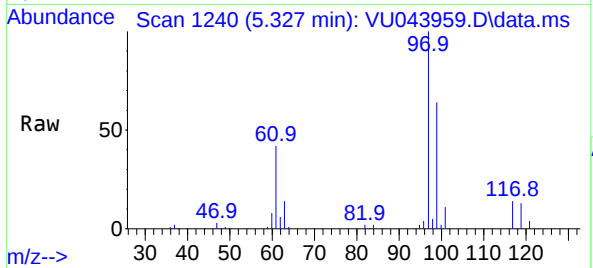




#31
Carbon tetrachloride
Concen: 1.22 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.199 min
Lab File: VU043959.D
Acq: 25 May 2021 13:24

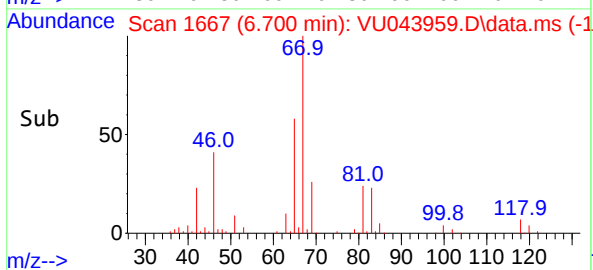
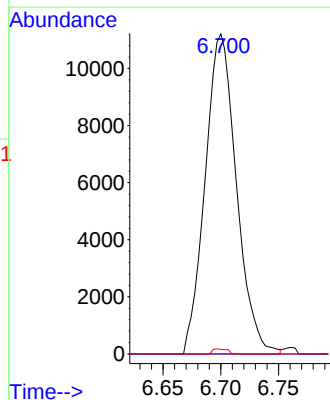
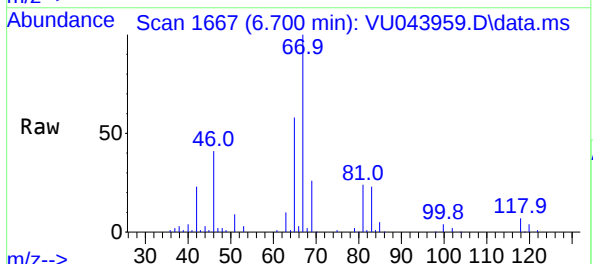
Instrument :
MSVOA_U
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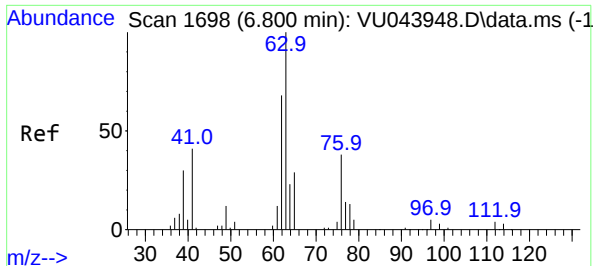
Tgt Ion:117 Resp: 25137
Ion Ratio Lower Upper
117 100
119 96.1 77.4 116.0



#35
Methylcyclohexane
Concen: 0.89 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.064 min
Lab File: VU043959.D
Acq: 25 May 2021 13:24

Tgt Ion: 83 Resp: 21115
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 0.7 37.0 55.4#

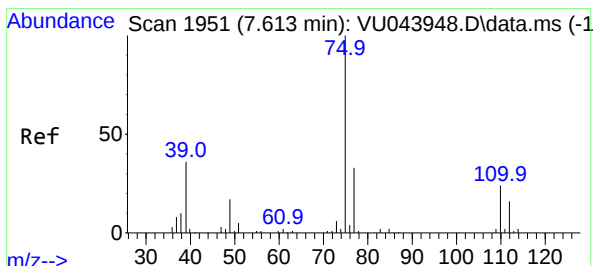
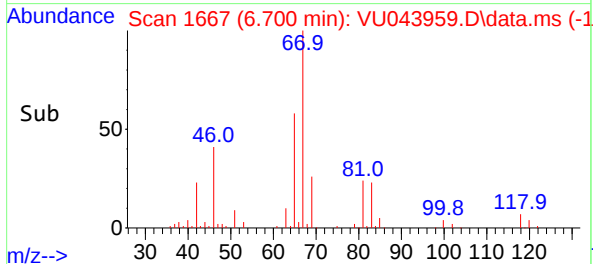
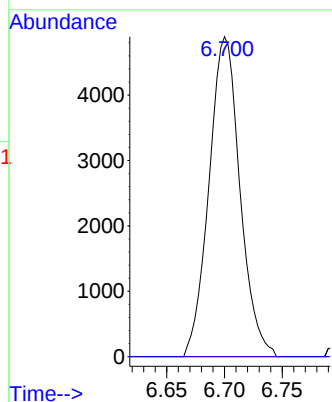
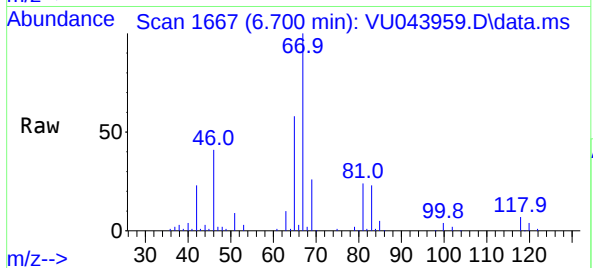




#37
1,2-Dichloropropane
Concen: 0.55 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043959.D
Acq: 25 May 2021 13:24

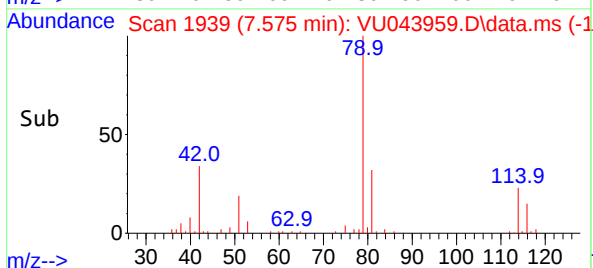
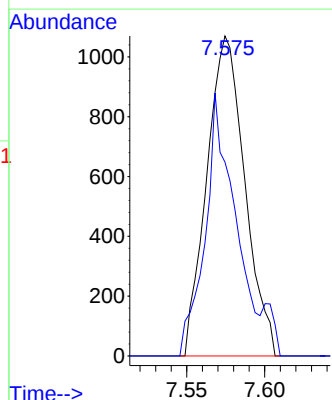
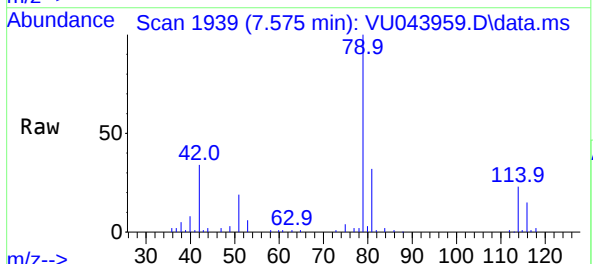
Tgt Ion: 63 Resp: 9136
Ion Ratio Lower Upper
63 100
112 0.7 3.7 5.5#

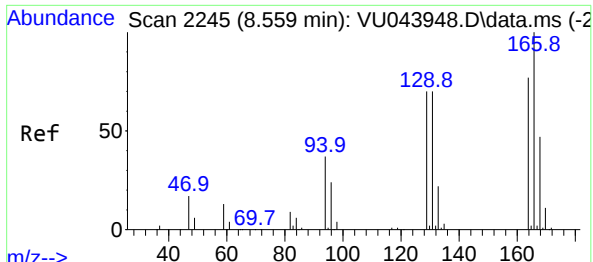
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ClientSampleId :
GB447



#39
cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU043959.D
Acq: 25 May 2021 13:24

Tgt Ion: 75 Resp: 1814
Ion Ratio Lower Upper
75 100
77 60.6 22.3 41.3#



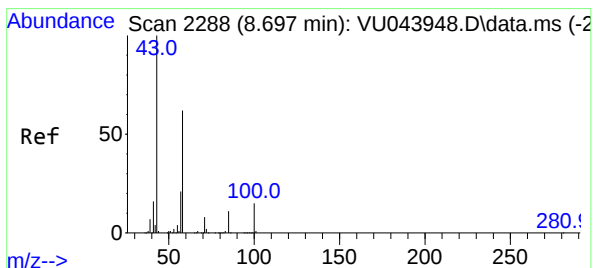
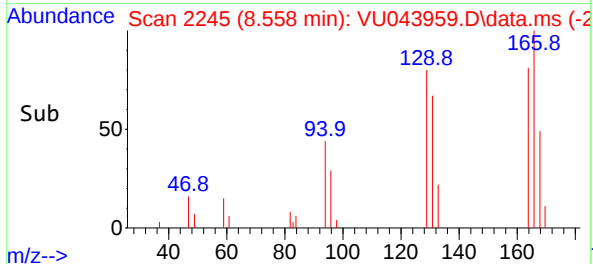
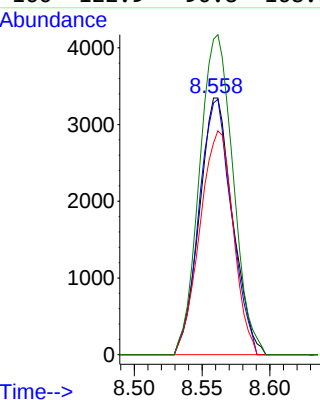
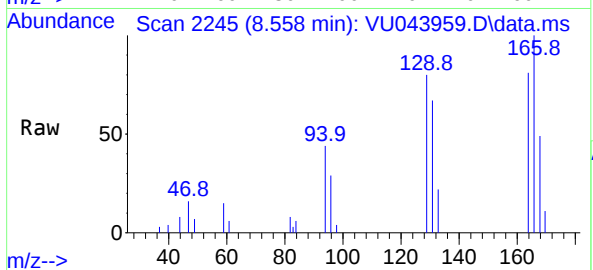


#47
Tetrachloroethene
Concen: 0.41 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043959.D
Acq: 25 May 2021 13:24

Instrument :
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ClientSampleId :
GB447

Tgt Ion:164 Resp: 5707

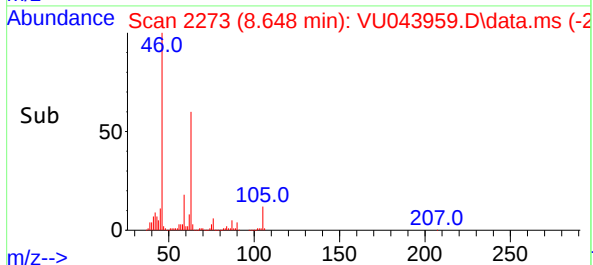
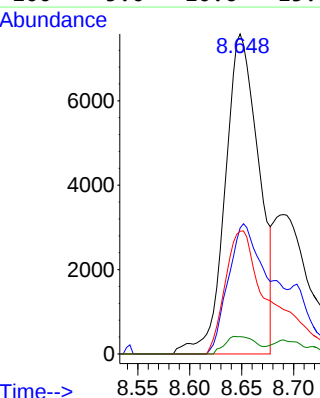
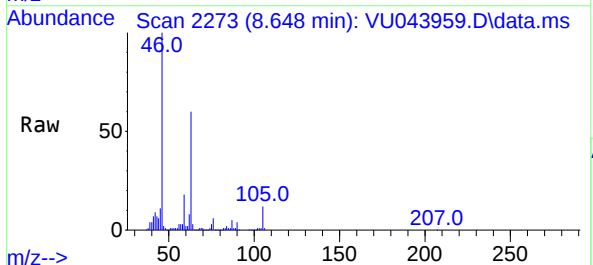
Ion	Ratio	Lower	Upper
164	100		
129	98.1	64.1	119.1
131	82.6	64.5	119.9
166	122.9	90.8	168.6

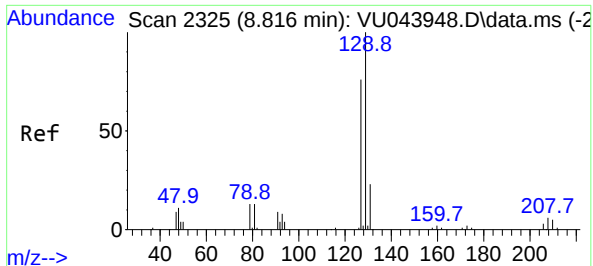


#48
2-Hexanone
Concen: 2.44 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.051 min
Lab File: VU043959.D
Acq: 25 May 2021 13:24

Tgt Ion: 43 Resp: 17060

Ion	Ratio	Lower	Upper
43	100		
58	50.0	49.4	74.0
57	51.8	16.8	25.2#
100	5.0	10.6	15.8#

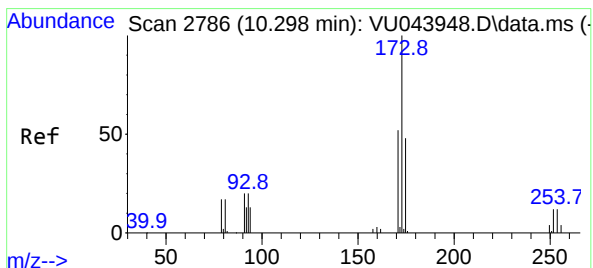
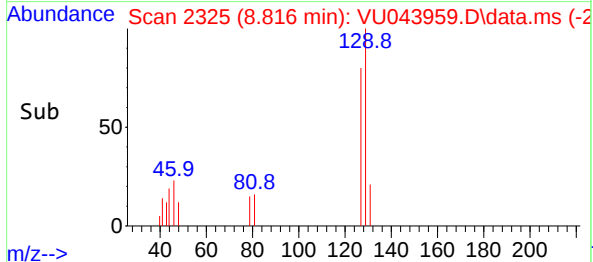
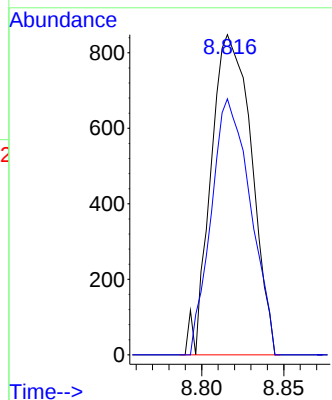
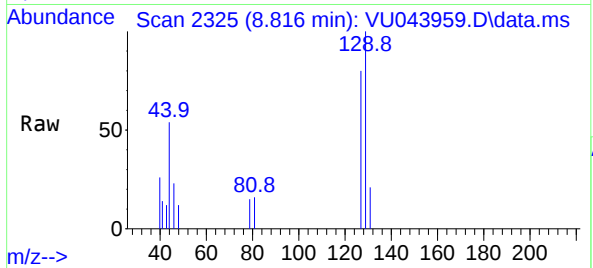




#49
Dibromochloromethane
Concen: 0.10 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU043959.D
Acq: 25 May 2021 13:24

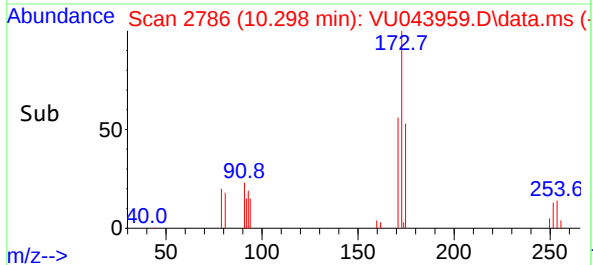
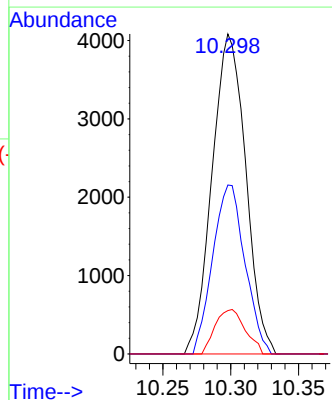
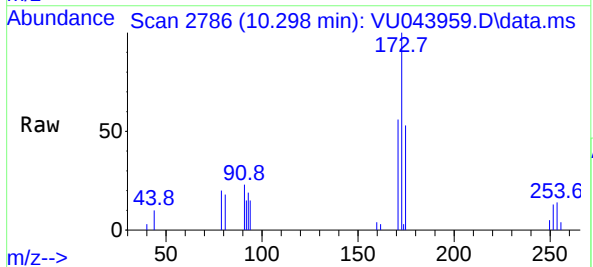
Instrument :
MSVOA_U
ClientSampleId :
GB447

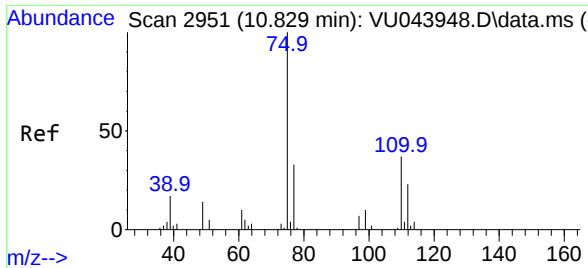
Tgt Ion:129 Resp: 1457
Ion Ratio Lower Upper
129 100
127 80.0 54.1 100.5



#59
Bromoform
Concen: 0.99 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043959.D
Acq: 25 May 2021 13:24

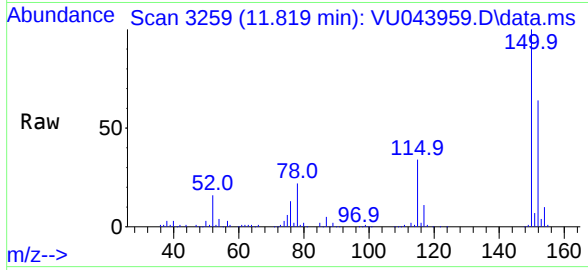
Tgt Ion:173 Resp: 7049
Ion Ratio Lower Upper
173 100
175 50.5 38.8 58.2
254 12.4 9.3 13.9





#61
1,2,3-Trichloropropane
Concen: 1.15 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.990 min
Lab File: VU043959.D
Acq: 25 May 2021 13:24

Instrument :
MSVOA_U
ClientSampleId :
GB447



Tgt Ion: 75 Resp: 10496
Ion Ratio Lower Upper
75 100
110 2.0 29.3 43.9#
77 30.6 26.3 39.5

