

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043954.D
 Acq On : 25 May 2021 11:24
 Operator : SY/MD
 Sample : M2494-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB422

Quant Time: May 25 14:29:20 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)

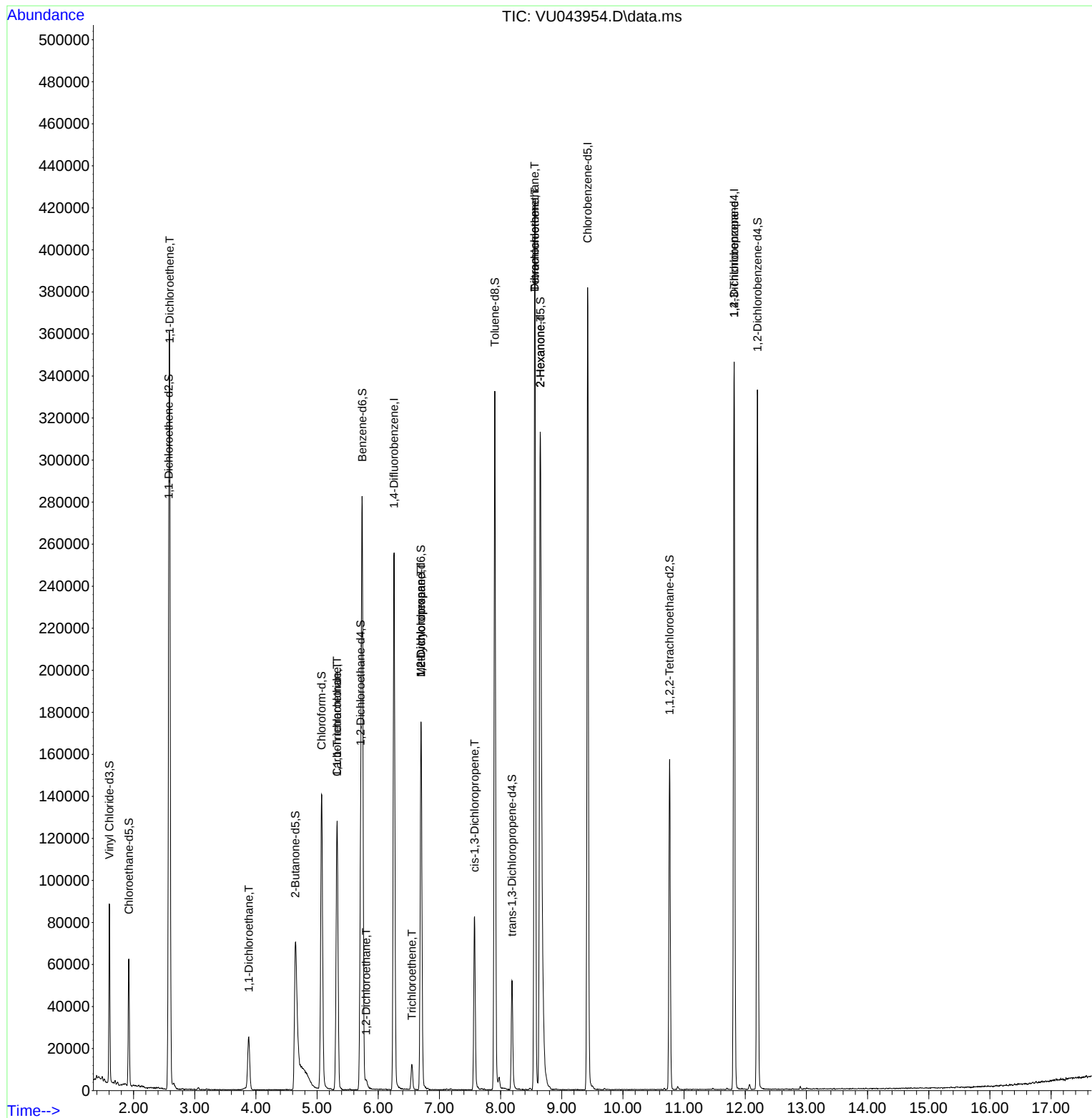
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	219576	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	229742	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	100443	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	59640	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.922	69	45000	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.575	65	28837	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.00%
20) 2-Butanone-d5	4.645	46	140344	36.22	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.44%
24) Chloroform-d	5.073	84	136371	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.713	65	71479	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.739	84	271980	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.700	67	89186	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.906	98	230447	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloroprop...	8.185	79	31481	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.648	63	147579	47.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.04%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	81006	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	97887	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.591	96	103087	7.27	ug/L	93
19) 1,1-Dichloroethane	3.883	63	29325	1.16	ug/L	99
27) 1,2-Dichloroethane	5.800	62	1871	0.11	ug/L #	72
29) 1,1,1-Trichloroethane	5.327	97	92661	3.89	ug/L	98
31) Carbon tetrachloride	5.327	117	12729	0.63	ug/L	94
34) Trichloroethene	6.549	95	4136	0.26	ug/L	95
35) Methylcyclohexane	6.700	83	20304	0.86	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	8878	0.54	ug/L #	86
39) cis-1,3-Dichloropropene	7.574	75	1796	0.08	ug/L #	59
47) Tetrachloroethene	8.562	164	103001	7.39	ug/L	97
48) 2-Hexanone	8.648	43	17018	2.46	ug/L #	68
49) Dibromochloromethane	8.558	129	92708	6.36	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	10408	1.13	ug/L #	67

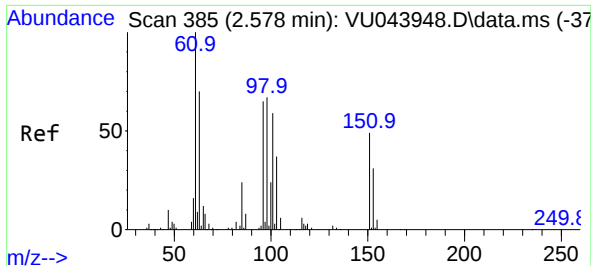
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
Data File : VU043954.D
Acq On : 25 May 2021 11:24
Operator : SY/MD
Sample : M2494-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GB422

Quant Time: May 25 14:29:20 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





#12

1,1-Dichloroethene

Concen: 7.27 ug/L

RT: 2.591 min Scan# 389

Delta R.T. 0.013 min

Lab File: VU043954.D

Acq: 25 May 2021 11:24

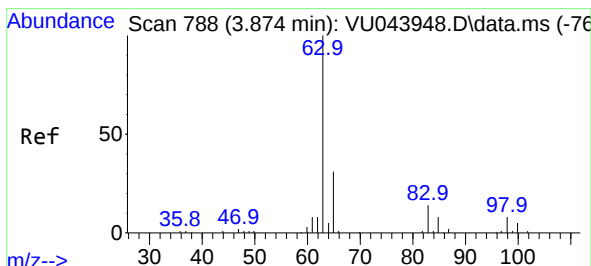
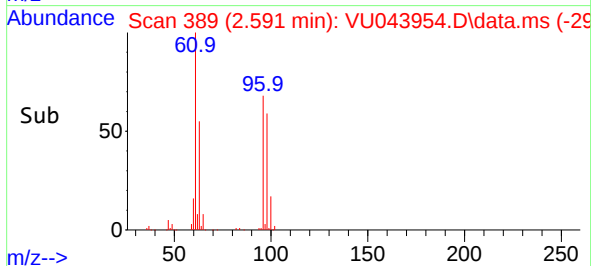
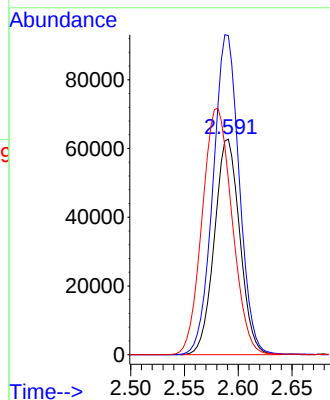
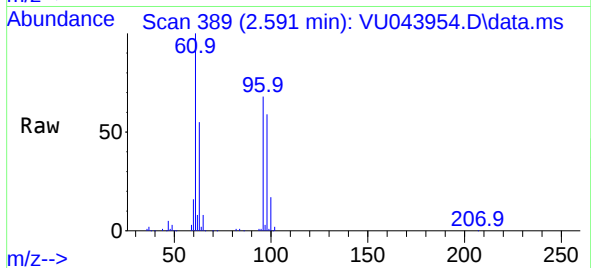
Tgt Ion: 96 Resp: 103087

Ion Ratio Lower Upper

96 100

61 148.1 105.1 195.3

63 81.3 66.6 123.6



#19

1,1-Dichloroethane

Concen: 1.16 ug/L

RT: 3.883 min Scan# 791

Delta R.T. 0.010 min

Lab File: VU043954.D

Acq: 25 May 2021 11:24

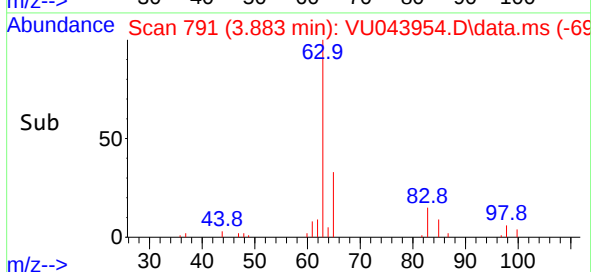
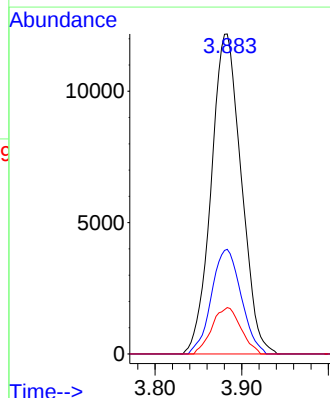
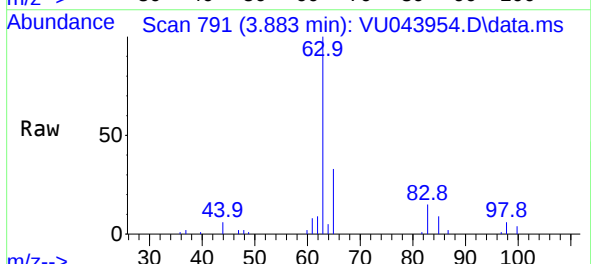
Tgt Ion: 63 Resp: 29325

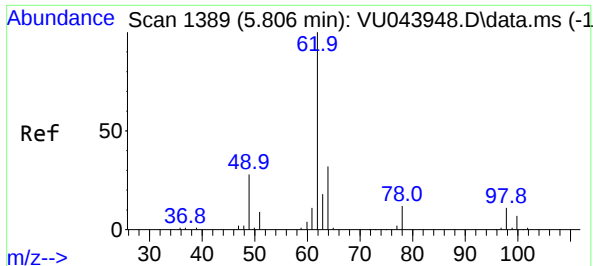
Ion Ratio Lower Upper

63 100

65 32.7 23.2 43.2

83 14.5 9.7 18.1

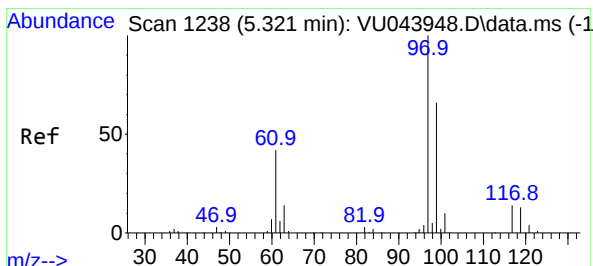
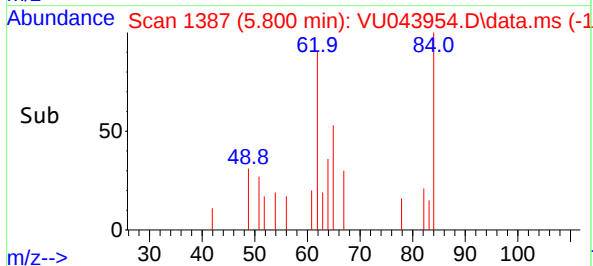
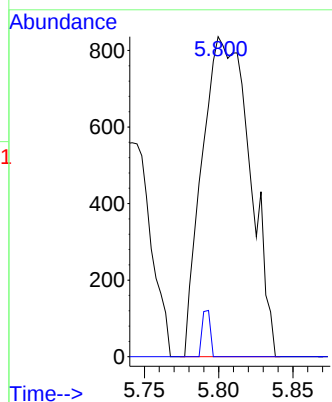
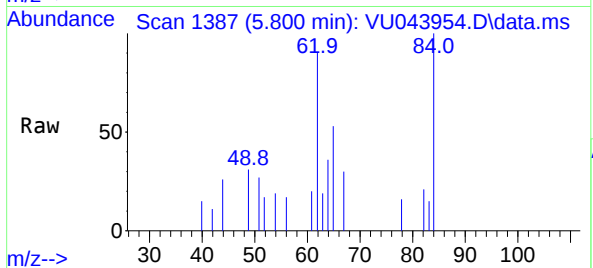




#27
1,2-Dichloroethane
Concen: 0.11 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VU043954.D
Acq: 25 May 2021 11:24

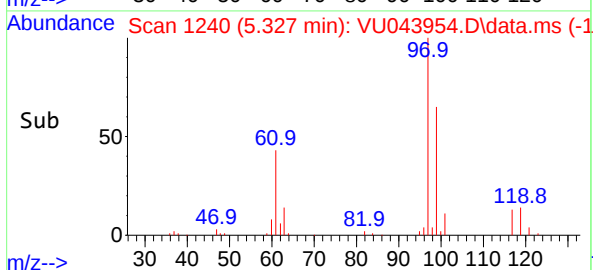
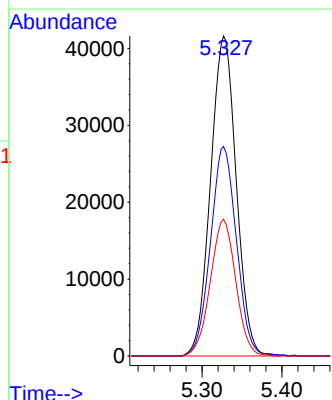
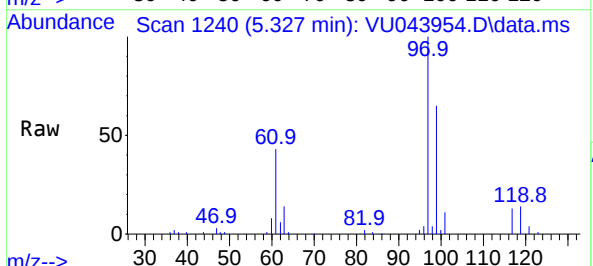
Instrument :
MSVOA_U
ClientSampleId :
GB422

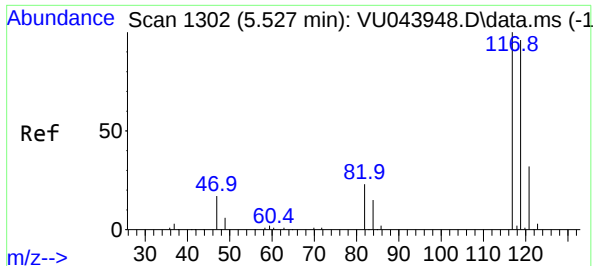
Tgt Ion: 62 Resp: 1871
Ion Ratio Lower Upper
62 100
98 0.0 8.3 12.5#



#29
1,1,1-Trichloroethane
Concen: 3.89 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VU043954.D
Acq: 25 May 2021 11:24

Tgt Ion: 97 Resp: 92661
Ion Ratio Lower Upper
97 100
99 66.4 51.9 77.9
61 42.5 34.7 52.1

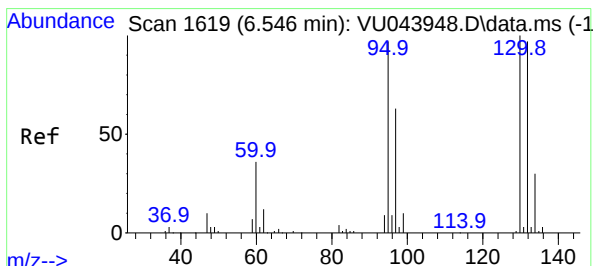
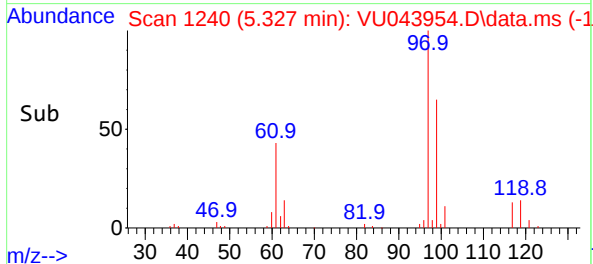
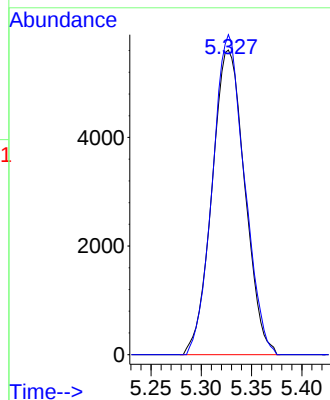
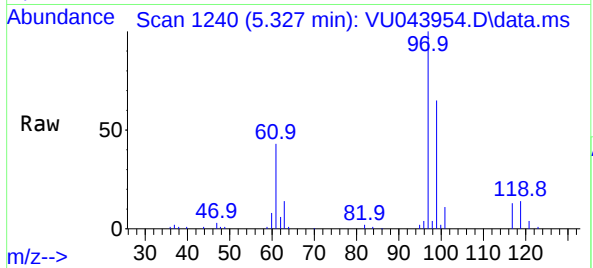




#31
Carbon tetrachloride
Concen: 0.63 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.199 min
Lab File: VU043954.D
Acq: 25 May 2021 11:24

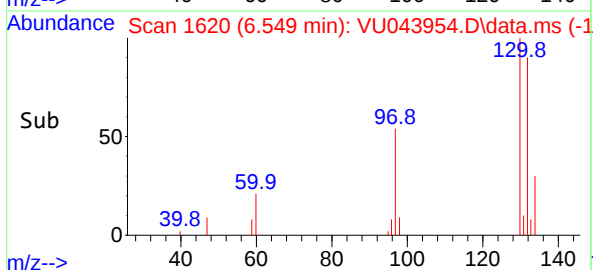
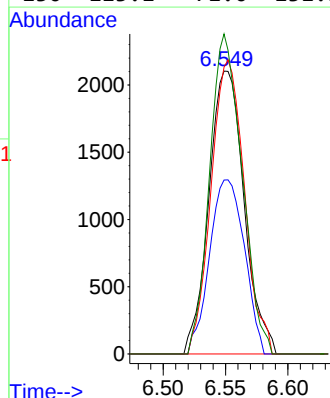
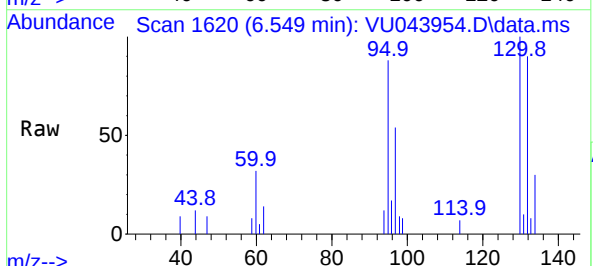
Instrument :
MSVOA_U
ClientSampleId :
GB422

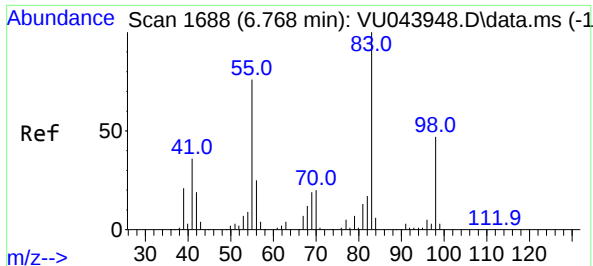
Tgt Ion:117 Resp: 12729
Ion Ratio Lower Upper
117 100
119 102.2 77.4 116.0



#34
Trichloroethene
Concen: 0.26 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU043954.D
Acq: 25 May 2021 11:24

Tgt Ion: 95 Resp: 4136
Ion Ratio Lower Upper
95 100
97 61.5 45.5 84.5
132 101.4 70.9 131.7
130 113.1 71.0 131.9





#35

Methylcyclohexane

Concen: 0.86 ug/L

RT: 6.700 min Scan# 1667

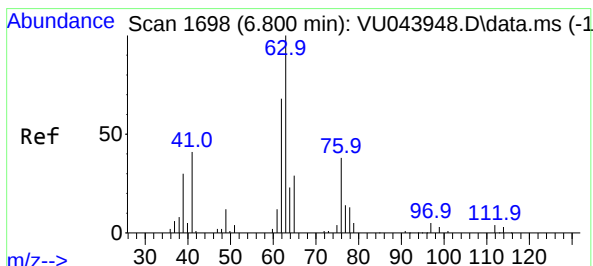
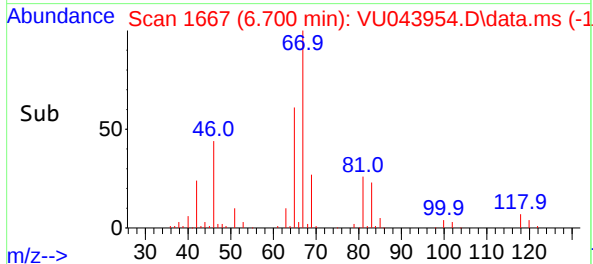
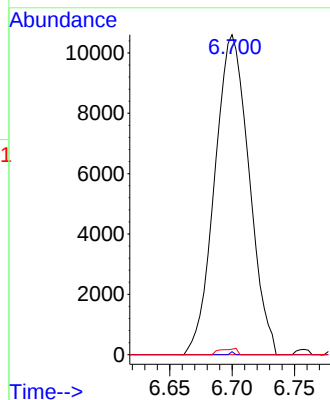
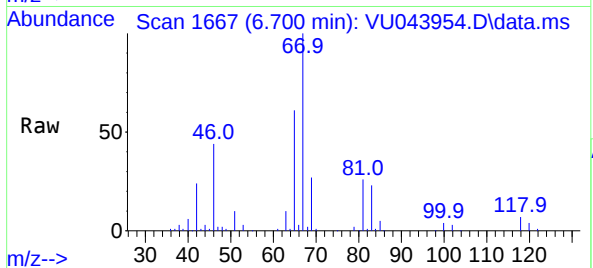
Delta R.T. -0.064 min

Lab File: VU043954.D

Acq: 25 May 2021 11:24

Tgt Ion:	83	Resp:	20304
Ion	Ratio	Lower	Upper
83	100		
55	0.1	61.2	91.8#
98	1.0	37.0	55.4#

Instrument :
MSVOA_U
ClientSampleId :
GB422



#37

1,2-Dichloropropane

Concen: 0.54 ug/L

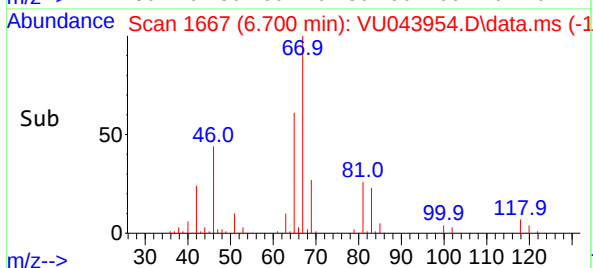
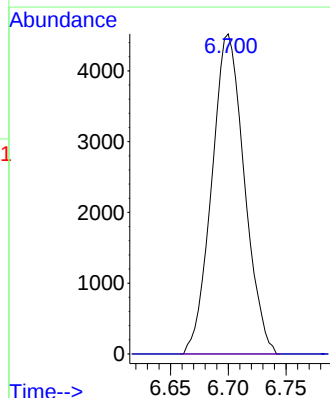
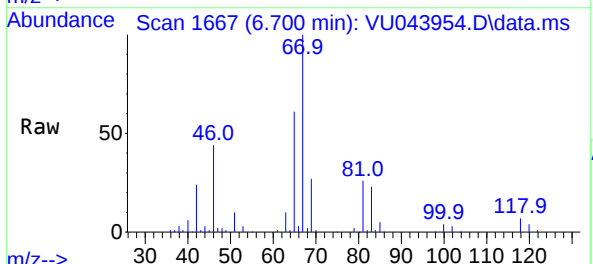
RT: 6.700 min Scan# 1667

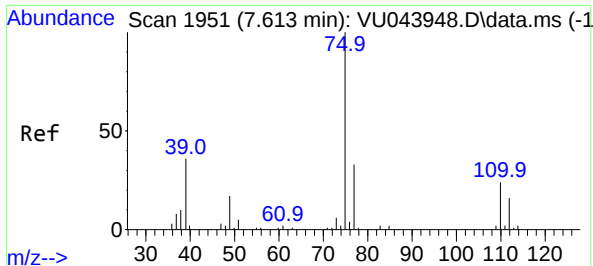
Delta R.T. -0.100 min

Lab File: VU043954.D

Acq: 25 May 2021 11:24

Tgt Ion:	63	Resp:	8878
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#

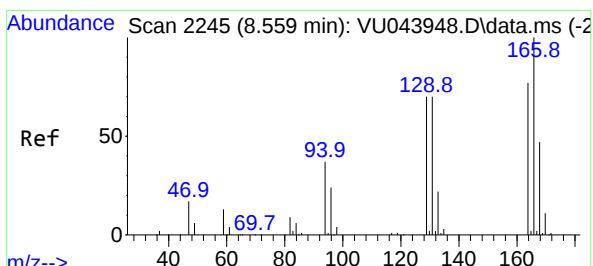
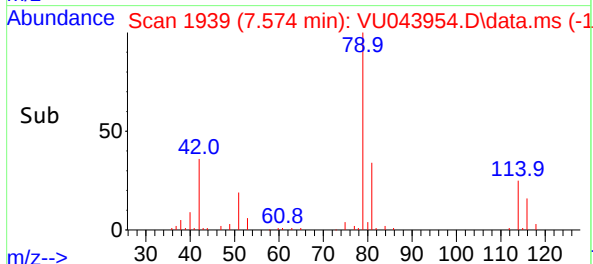
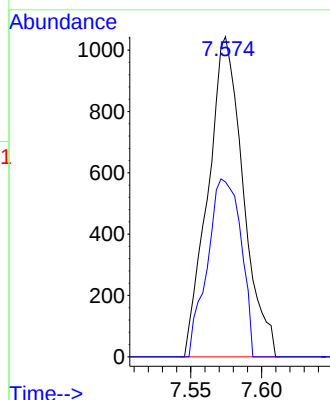
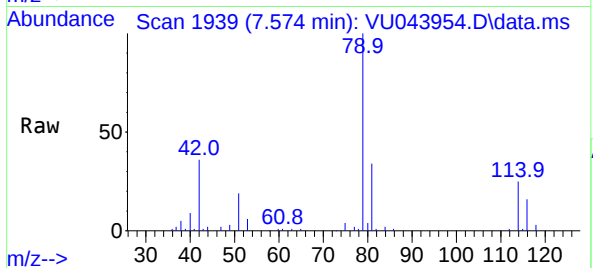




#39
cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU043954.D
Acq: 25 May 2021 11:24

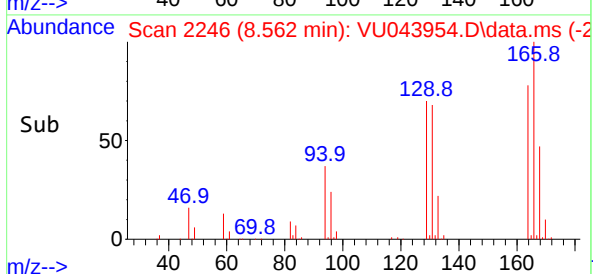
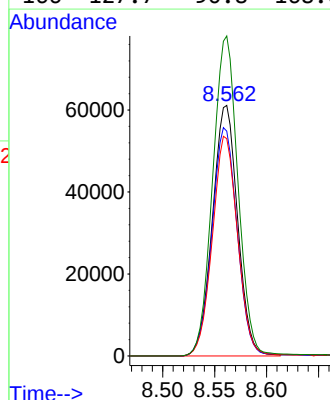
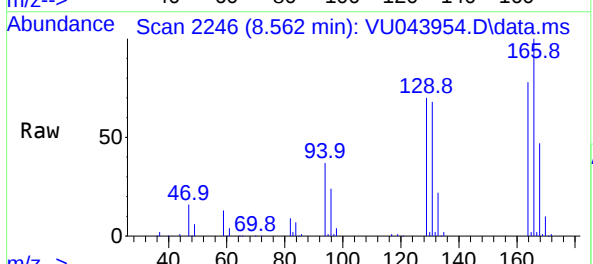
Instrument :
MSVOA_U
ClientSampled :
GB422

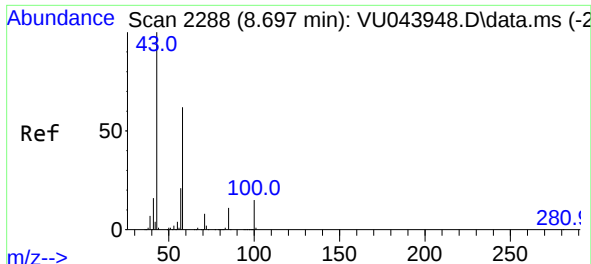
Tgt Ion: 75 Resp: 1796
Ion Ratio Lower Upper
75 100
77 54.6 22.3 41.3#



#47
Tetrachloroethene
Concen: 7.39 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043954.D
Acq: 25 May 2021 11:24

Tgt Ion:164 Resp: 103001
Ion Ratio Lower Upper
164 100
129 89.7 64.1 119.1
131 86.7 64.5 119.9
166 127.7 90.8 168.6



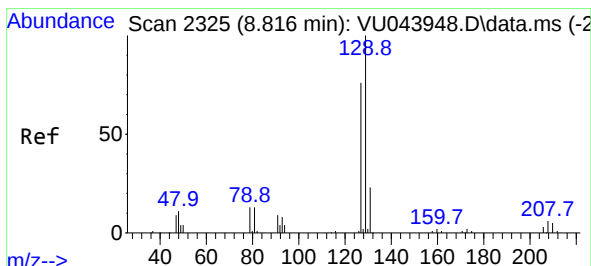
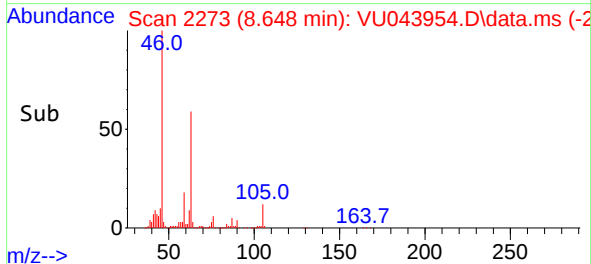
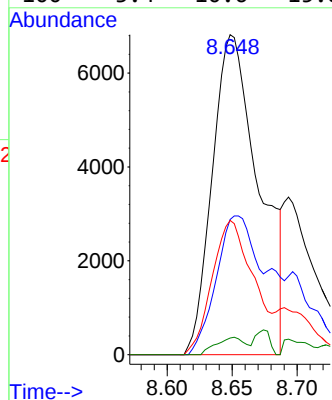
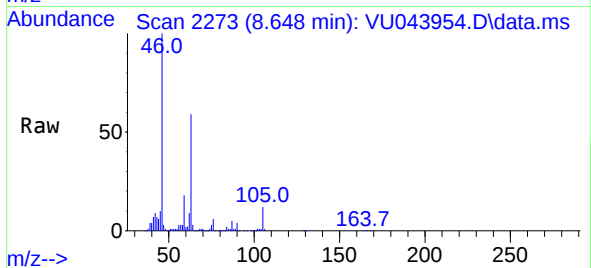


#48
2-Hexanone
Concen: 2.46 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.051 min
Lab File: VU043954.D
Acq: 25 May 2021 11:24

Instrument :
MSVOA_U
ClientSampled :
GB422

Tgt Ion: 43 Resp: 17018

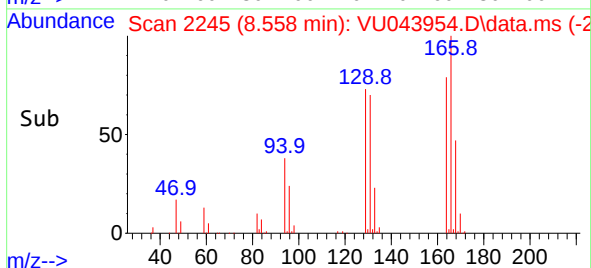
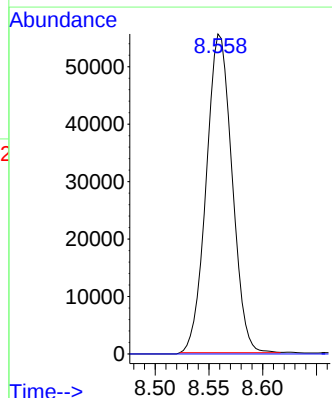
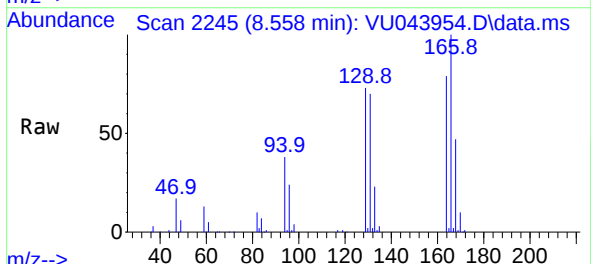
Ion	Ratio	Lower	Upper
43	100		
58	37.1	49.4	74.0#
57	37.0	16.8	25.2#
100	3.4	10.6	15.8#

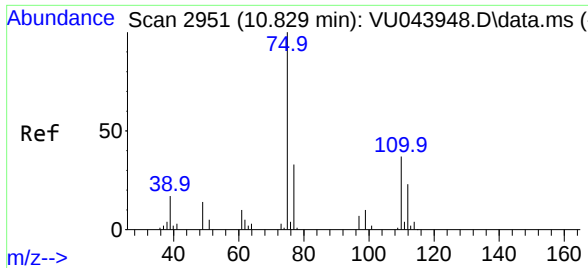


#49
Dibromochloromethane
Concen: 6.36 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.257 min
Lab File: VU043954.D
Acq: 25 May 2021 11:24

Tgt Ion: 129 Resp: 92708

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#





#61
1,2,3-Trichloropropane
Concen: 1.13 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.990 min
Lab File: VU043954.D
Acq: 25 May 2021 11:24

Instrument :
MSVOA_U
ClientSampleId :
GB422

Tgt Ion: 75 Resp: 10408
Ion Ratio Lower Upper
75 100
110 0.8 29.3 43.9#
77 31.2 26.3 39.5

