

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043952.D
 Acq On : 25 May 2021 10:36
 Operator : SY/MD
 Sample : M2494-07DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB420DL

Quant Time: May 25 14:28:52 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)

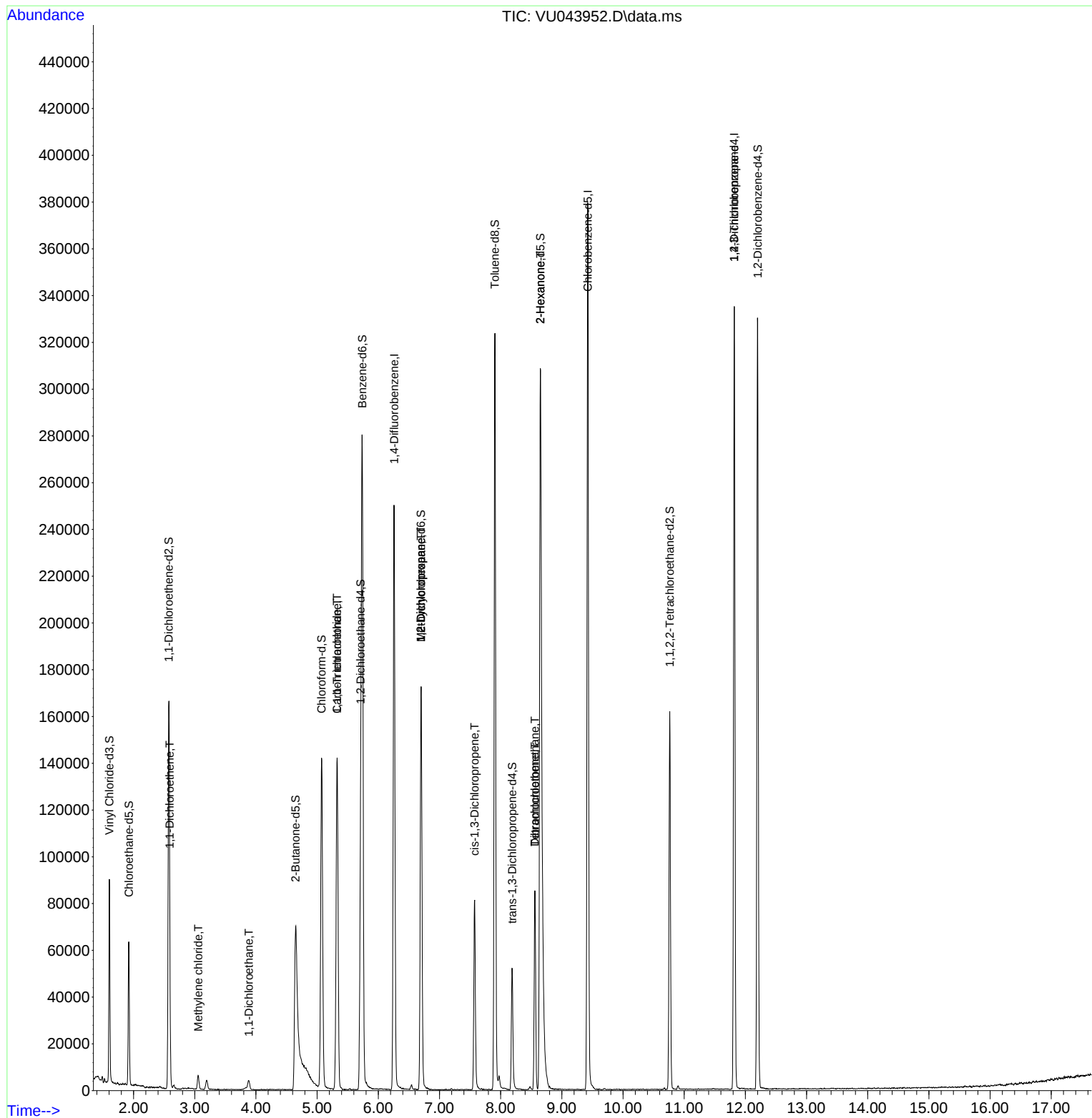
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	215127	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	226848	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	98056	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	61668	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.922	69	46321	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	2.575	65	28445	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.60%
20) 2-Butanone-d5	4.649	46	147991	38.98	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.96%
24) Chloroform-d	5.073	84	135447	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.713	65	71705	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.739	84	274465	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.700	67	88418	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.906	98	227230	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloroprop...	8.189	79	31730	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.648	63	149389	48.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.44%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	82452	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	95866	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.591	96	9584	0.69	ug/L #	1
16) Methylene chloride	3.057	84	3177	0.18	ug/L	86
19) 1,1-Dichloroethane	3.883	63	4468	0.18	ug/L	95
29) 1,1,1-Trichloroethane	5.327	97	104996	4.47	ug/L	99
31) Carbon tetrachloride	5.327	117	14644	0.73	ug/L	97
35) Methylcyclohexane	6.700	83	20989	0.90	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	8913	0.55	ug/L #	86
39) cis-1,3-Dichloropropene	7.575	75	1946	0.09	ug/L #	72
47) Tetrachloroethene	8.558	164	20387	1.48	ug/L	96
48) 2-Hexanone	8.648	43	15579	2.28	ug/L #	74
49) Dibromochloromethane	8.558	129	18973	1.32	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	9633	1.07	ug/L #	67

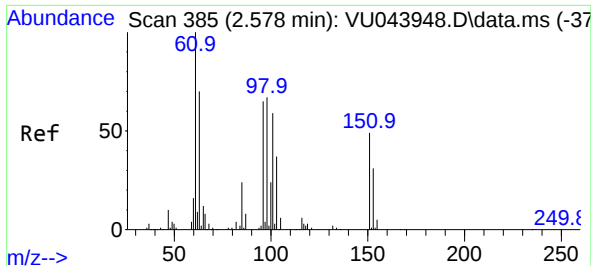
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
Data File : VU043952.D
Acq On : 25 May 2021 10:36
Operator : SY/MD
Sample : M2494-07DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GB420DL

Quant Time: May 25 14:28:52 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

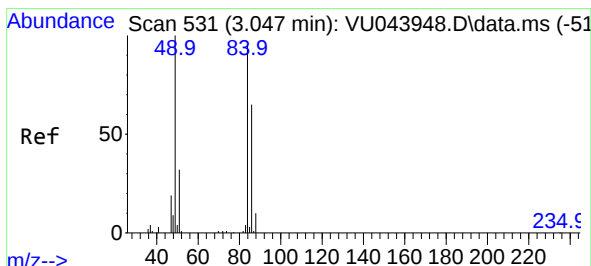
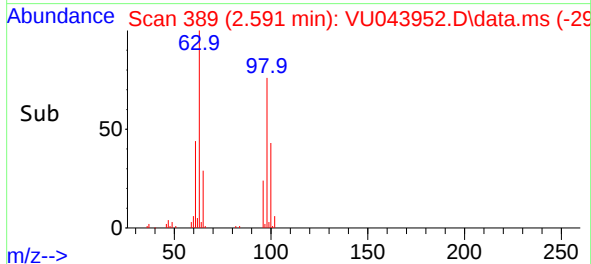
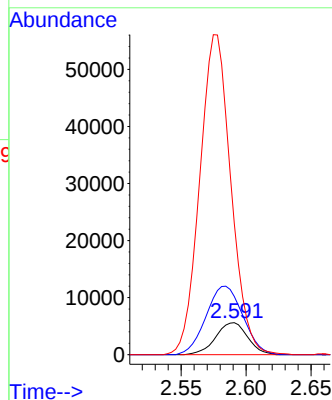
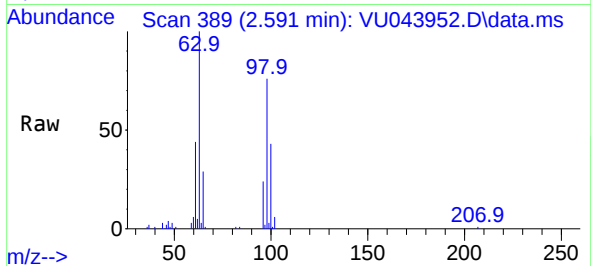




#12
1,1-Dichloroethene
Concen: 0.69 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.013 min
Lab File: VU043952.D
Acq: 25 May 2021 10:36

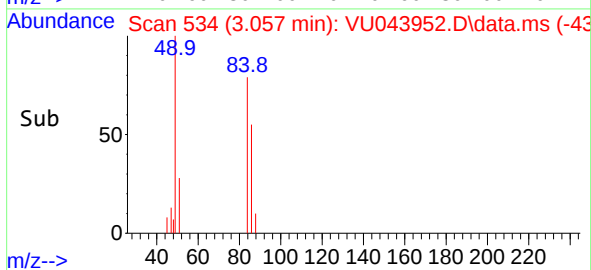
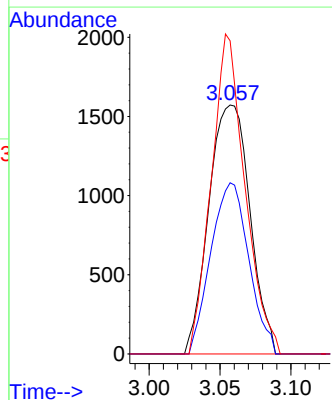
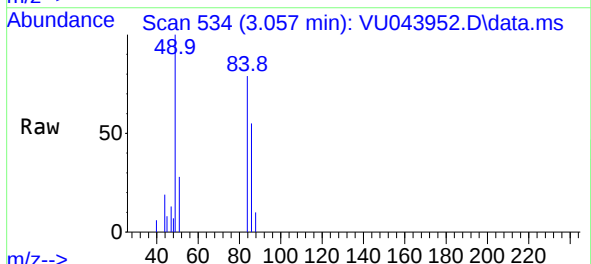
Instrument :
MSVOA_U
ClientSampled :
GB420DL

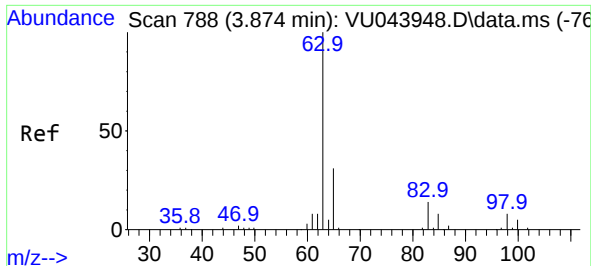
Tgt Ion: 96 Resp: 9584
Ion Ratio Lower Upper
96 100
61 182.0 105.1 195.3
63 410.1 66.6 123.6#



#16
Methylene chloride
Concen: 0.18 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.010 min
Lab File: VU043952.D
Acq: 25 May 2021 10:36

Tgt Ion: 84 Resp: 3177
Ion Ratio Lower Upper
84 100
86 68.8 45.6 84.8
49 125.8 74.2 137.8

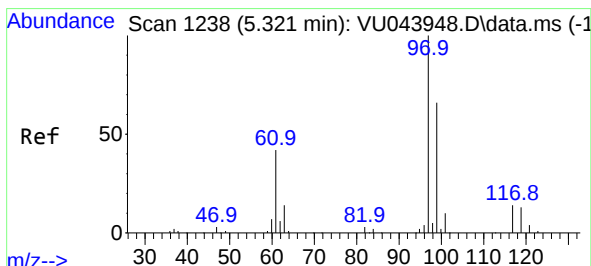
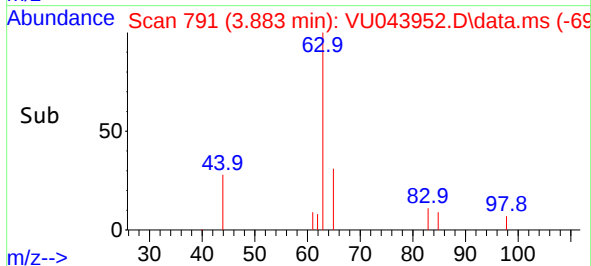
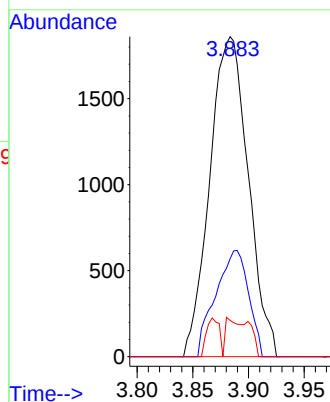
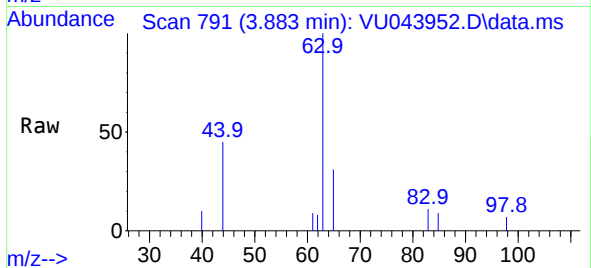




#19
1,1-Dichloroethane
Concen: 0.18 ug/L
RT: 3.883 min Scan# 791
Delta R.T. 0.010 min
Lab File: VU043952.D
Acq: 25 May 2021 10:36

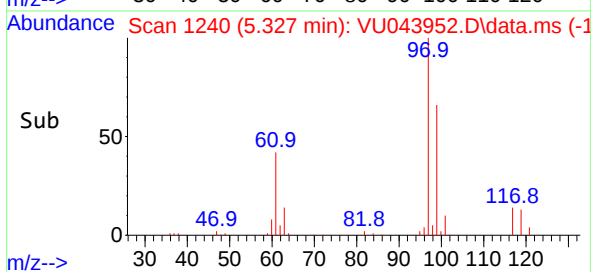
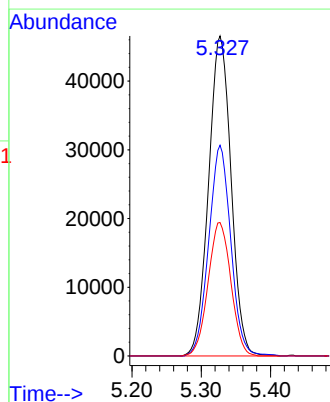
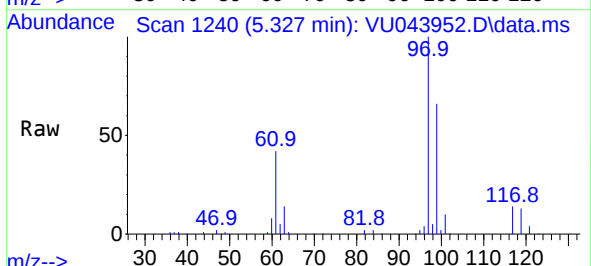
Instrument :
MSVOA_U
ClientSampled :
GB420DL

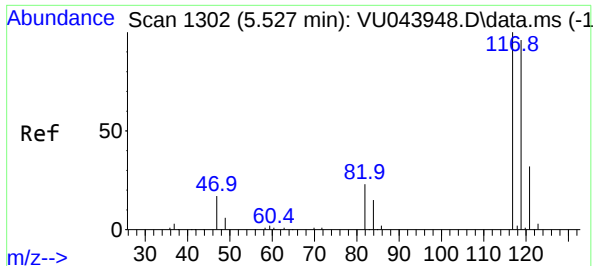
Tgt Ion: 63 Resp: 4468
Ion Ratio Lower Upper
63 100
65 30.6 23.2 43.2
83 11.3 9.7 18.1



#29
1,1,1-Trichloroethane
Concen: 4.47 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VU043952.D
Acq: 25 May 2021 10:36

Tgt Ion: 97 Resp: 104996
Ion Ratio Lower Upper
97 100
99 64.7 51.9 77.9
61 42.2 34.7 52.1

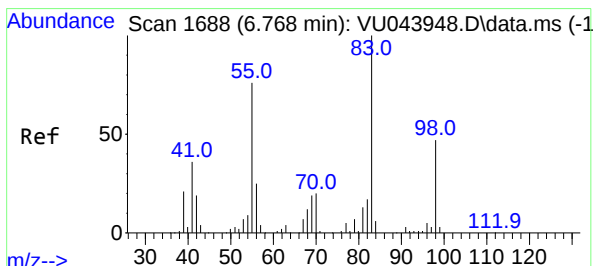
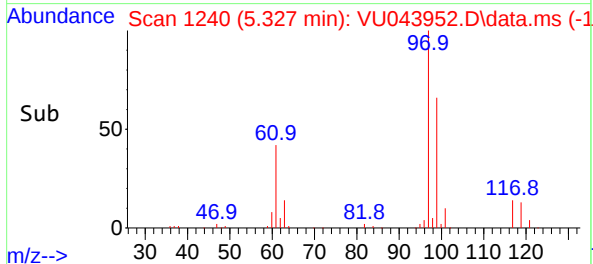
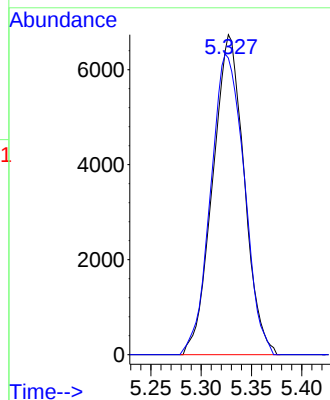
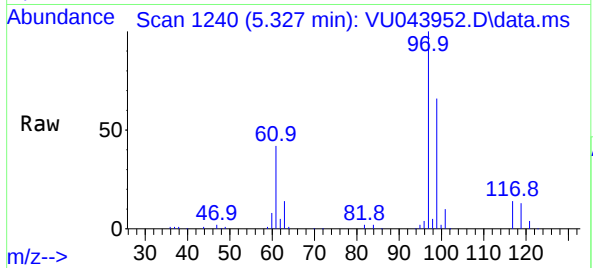




#31
Carbon tetrachloride
Concen: 0.73 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.199 min
Lab File: VU043952.D
Acq: 25 May 2021 10:36

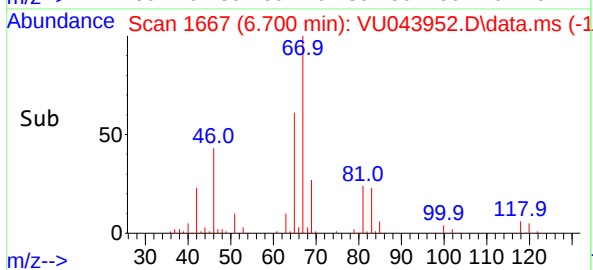
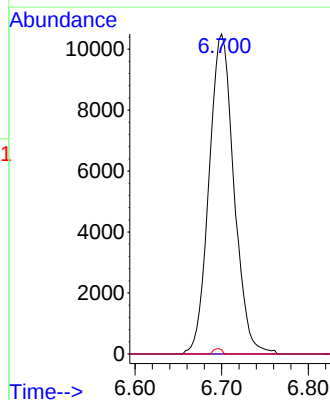
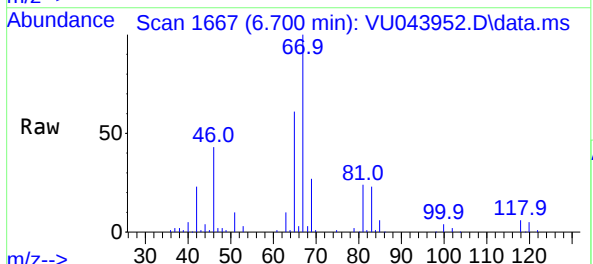
Instrument :
MSVOA_U
ClientSampleId :
GB420DL

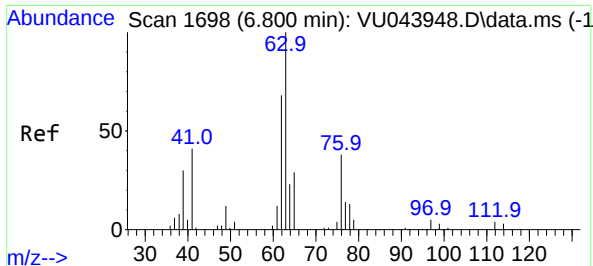
Tgt Ion:117 Resp: 14644
Ion Ratio Lower Upper
117 100
119 100.0 77.4 116.0



#35
Methylcyclohexane
Concen: 0.90 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.064 min
Lab File: VU043952.D
Acq: 25 May 2021 10:36

Tgt Ion: 83 Resp: 20989
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 0.6 37.0 55.4#



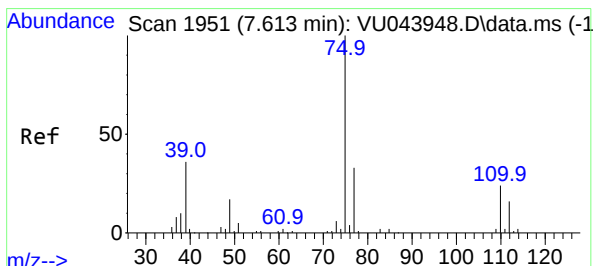
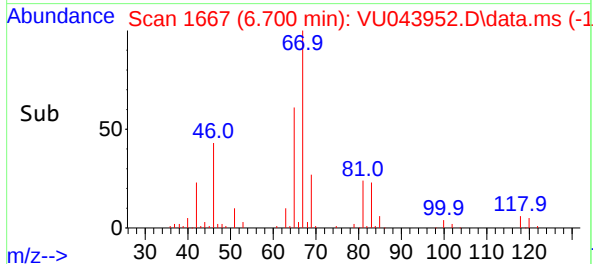
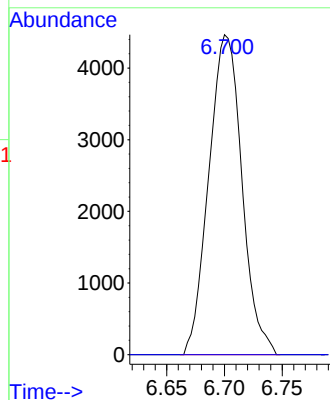
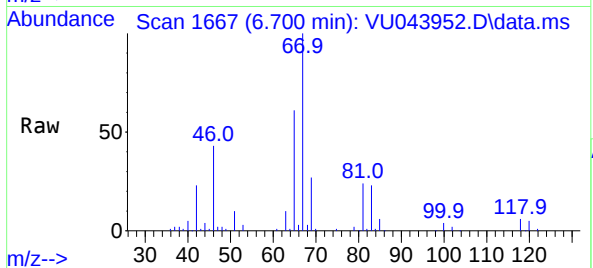


#37

1,2-Dichloropropane
Concen: 0.55 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043952.D
Acq: 25 May 2021 10:36

Instrument :
MSVOA_U
ClientSampleId :
GB420DL

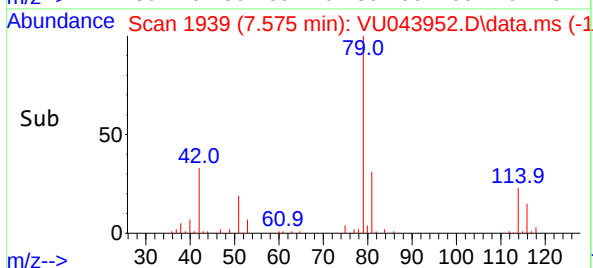
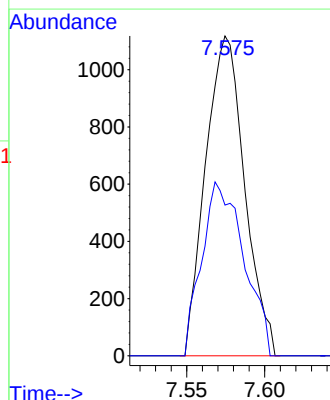
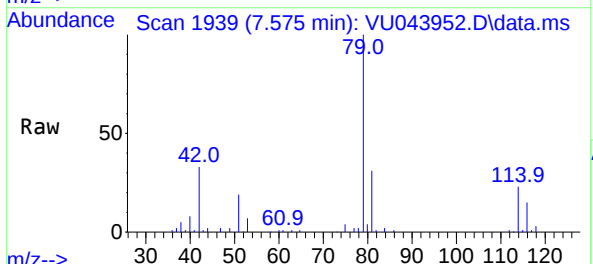
Tgt Ion: 63 Resp: 8913
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#

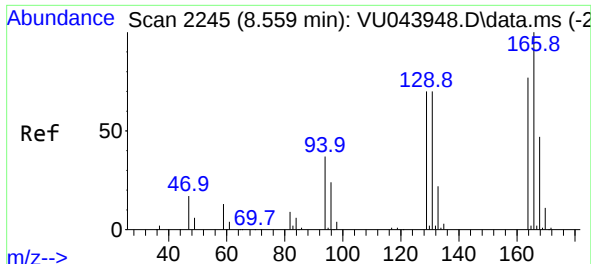


#39

cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU043952.D
Acq: 25 May 2021 10:36

Tgt Ion: 75 Resp: 1946
Ion Ratio Lower Upper
75 100
77 47.1 22.3 41.3#



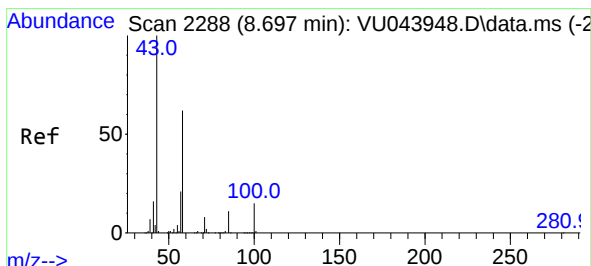
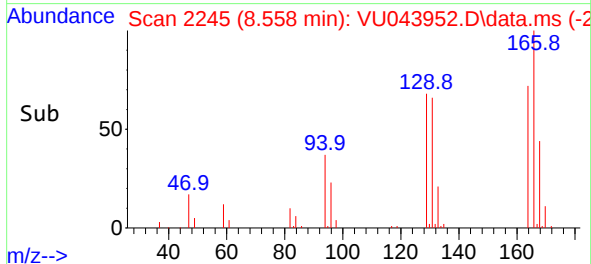
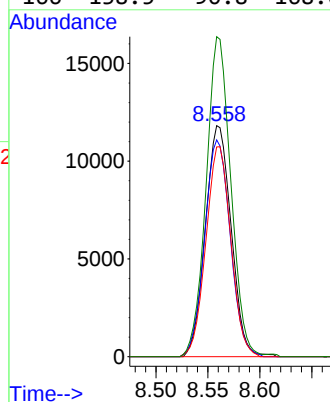
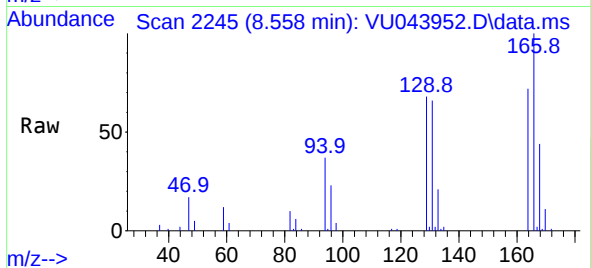


#47
Tetrachloroethene
Concen: 1.48 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043952.D
Acq: 25 May 2021 10:36

Instrument :
MSVOA_U
ClientSampleId :
GB420DL

Tgt Ion:164 Resp: 20387

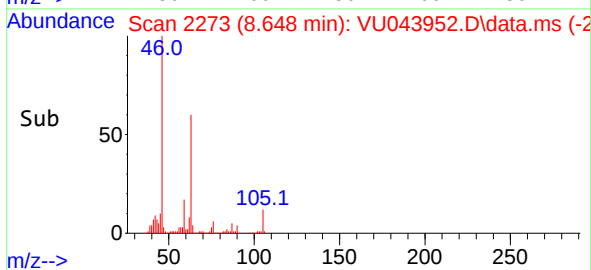
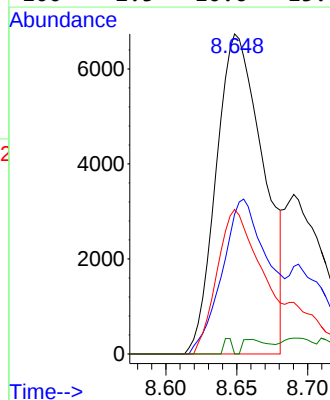
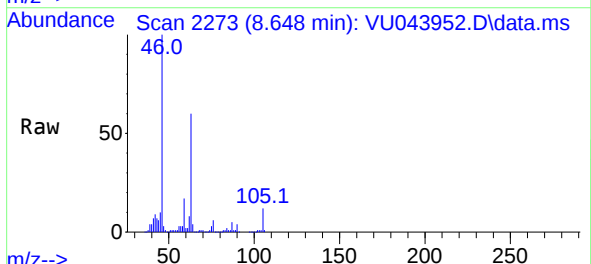
Ion	Ratio	Lower	Upper
164	100		
129	93.8	64.1	119.1
131	90.8	64.5	119.9
166	138.5	90.8	168.6

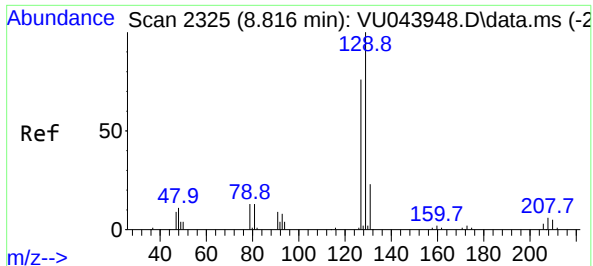


#48
2-Hexanone
Concen: 2.28 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.051 min
Lab File: VU043952.D
Acq: 25 May 2021 10:36

Tgt Ion: 43 Resp: 15579

Ion	Ratio	Lower	Upper
43	100		
58	48.0	49.4	74.0#
57	43.5	16.8	25.2#
100	2.5	10.6	15.8#

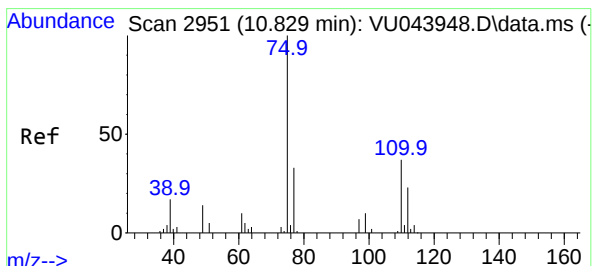
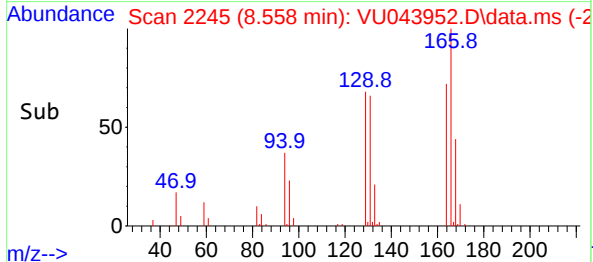
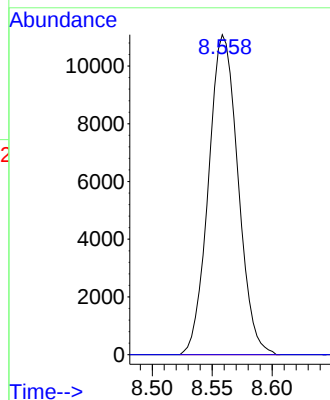
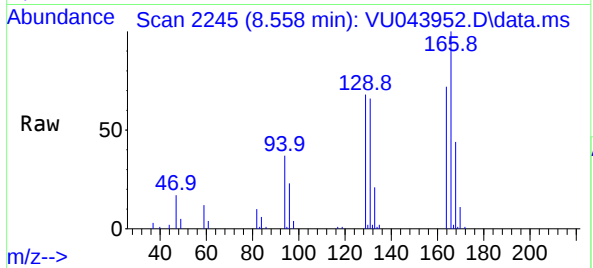




#49
Dibromochloromethane
Concen: 1.32 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.257 min
Lab File: VU043952.D
Acq: 25 May 2021 10:36

Instrument :
MSVOA_U
ClientSampled :
GB420DL

Tgt Ion:129 Resp: 18973
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#



#61
1,2,3-Trichloropropane
Concen: 1.07 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.990 min
Lab File: VU043952.D
Acq: 25 May 2021 10:36

Tgt Ion: 75 Resp: 9633
Ion Ratio Lower Upper
75 100
110 1.7 29.3 43.9#
77 30.7 26.3 39.5

