

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043951.D
 Acq On : 25 May 2021 10:12
 Operator : SY/MD
 Sample : M2494-04DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB417DL

Quant Time: May 25 14:28:39 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)

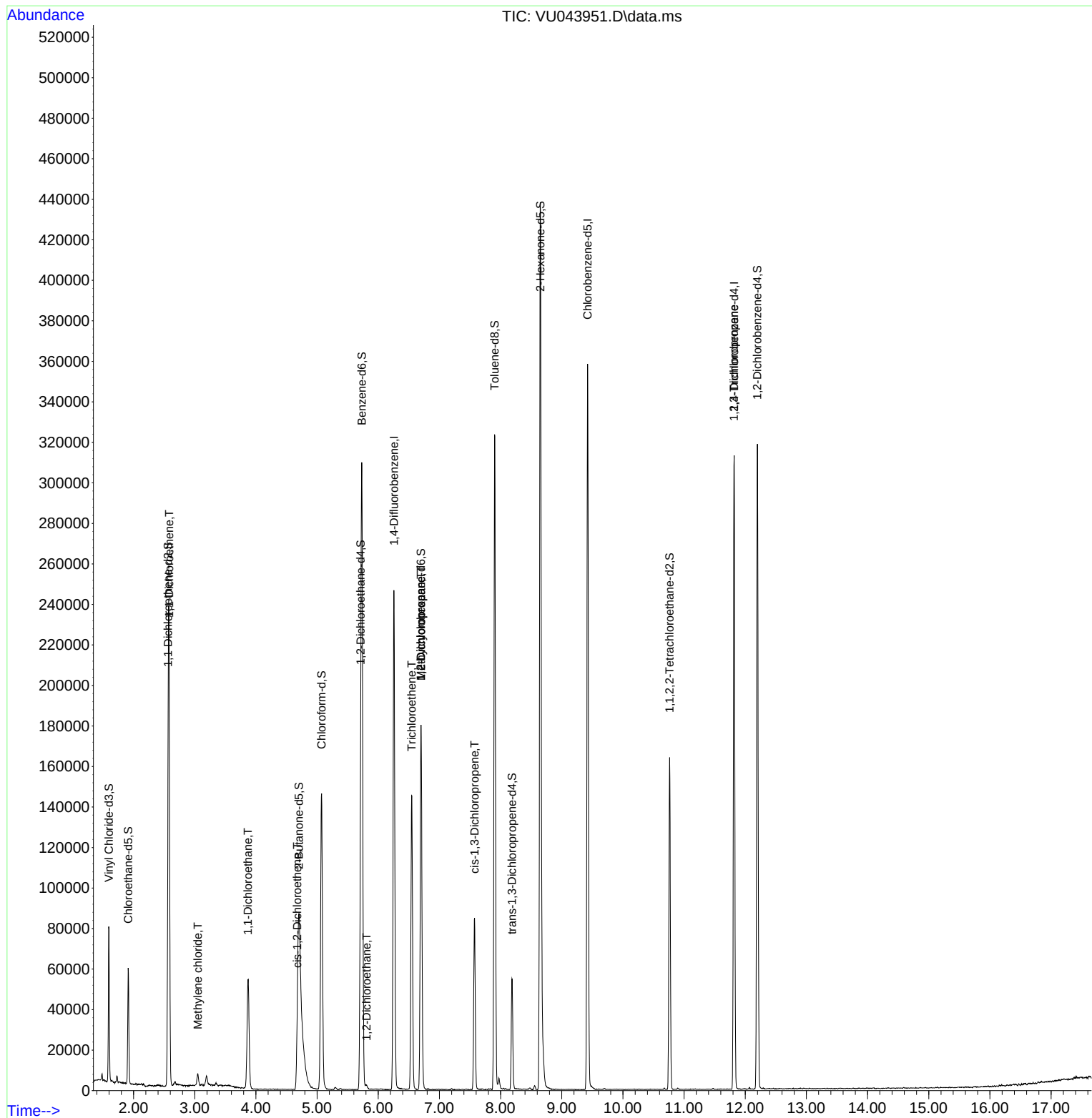
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	201672	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	210886	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	89442	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	53519	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.912	69	41049	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.565	65	21542	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	4.703	46	210310	59.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.18%
24) Chloroform-d	5.073	84	139346	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.713	65	73777	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.732	84	273988	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.700	67	90443	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.902	98	223448	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloroprop...	8.185	79	31450	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.648	63	150773	52.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.78%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	81172	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
66) 1,2-Dichlorobenzene-d4	12.198	152	92284	5.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.60%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.581	96	61178	4.70	ug/L	95
16) Methylene chloride	3.051	84	2641	0.16	ug/L	99
19) 1,1-Dichloroethane	3.870	63	61702	2.65	ug/L	96
22) cis-1,2-Dichloroethene	4.674	96	4365	0.30	ug/L	96
27) 1,2-Dichloroethane	5.809	62	1767	0.12	ug/L #	72
34) Trichloroethene	6.546	95	49979	3.37	ug/L	97
35) Methylcyclohexane	6.700	83	20784	0.96	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	9051	0.60	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	1994	0.10	ug/L #	50
61) 1,2,3-Trichloropropane	11.815	75	8937	1.09	ug/L #	68

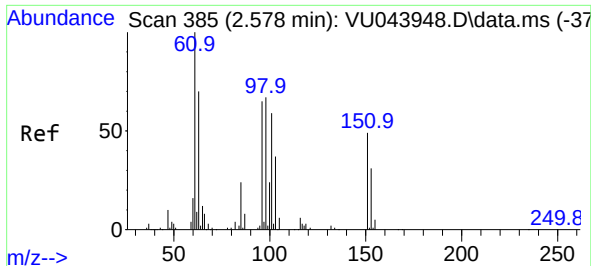
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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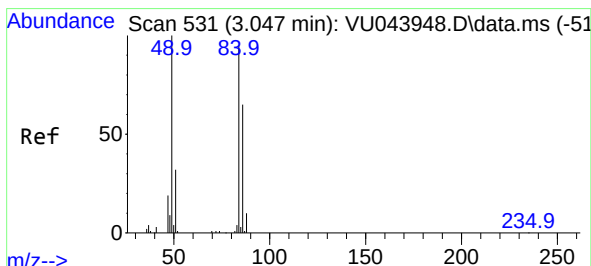
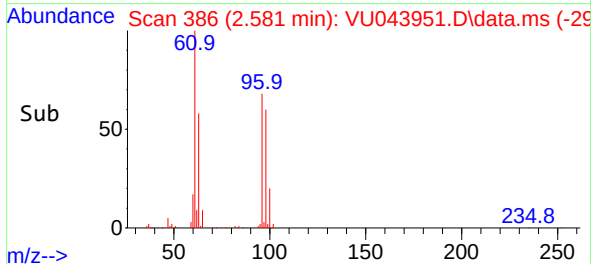
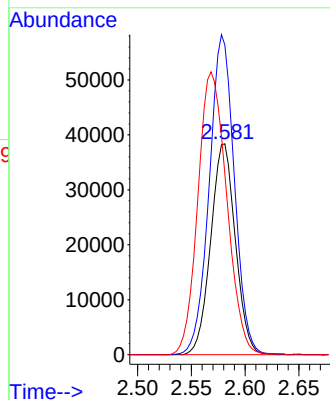
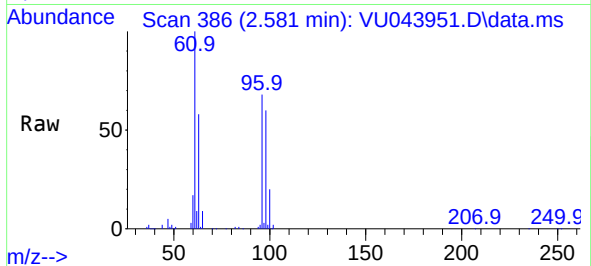




#12
1,1-Dichloroethene
Concen: 4.70 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU043951.D
Acq: 25 May 2021 10:12

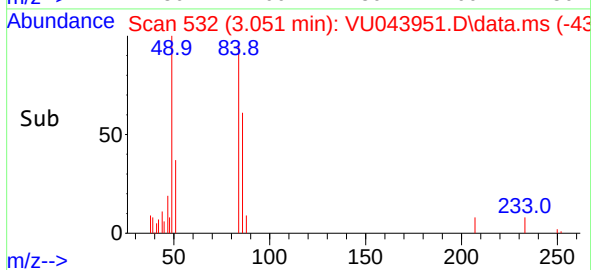
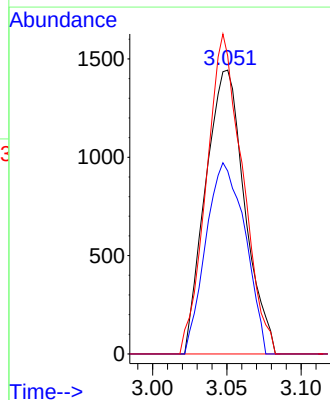
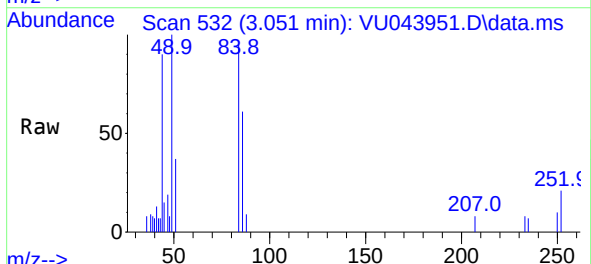
Instrument :
MSVOA_U
ClientSampleId :
GB417DL

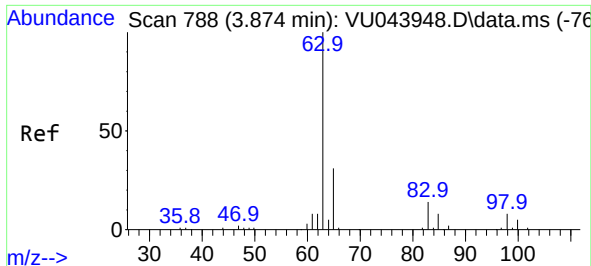
Tgt Ion: 96 Resp: 61178
Ion Ratio Lower Upper
96 100
61 147.0 105.1 195.3
63 85.8 66.6 123.6



#16
Methylene chloride
Concen: 0.16 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU043951.D
Acq: 25 May 2021 10:12

Tgt Ion: 84 Resp: 2641
Ion Ratio Lower Upper
84 100
86 64.4 45.6 84.8
49 105.0 74.2 137.8

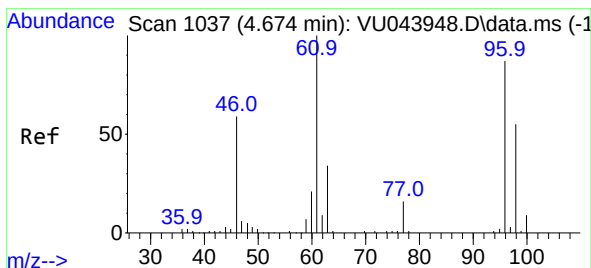
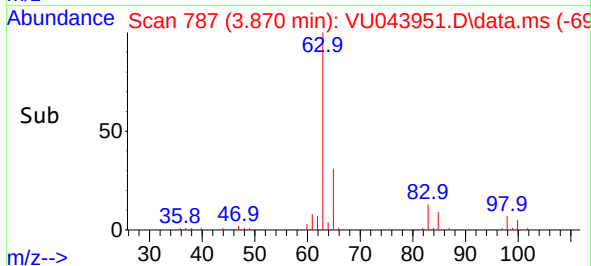
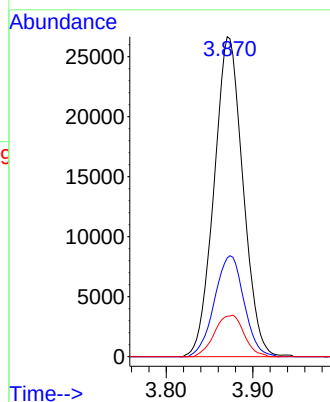
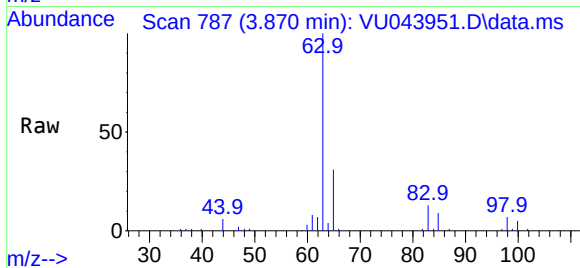




#19
1,1-Dichloroethane
Concen: 2.65 ug/L
RT: 3.870 min Scan# 787
Delta R.T. -0.003 min
Lab File: VU043951.D
Acq: 25 May 2021 10:12

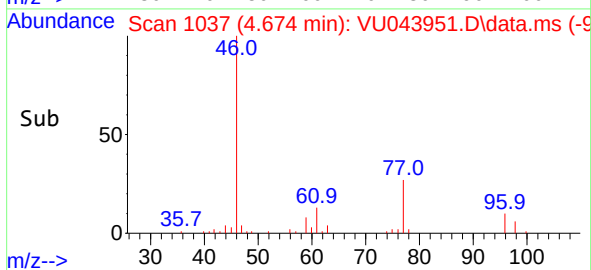
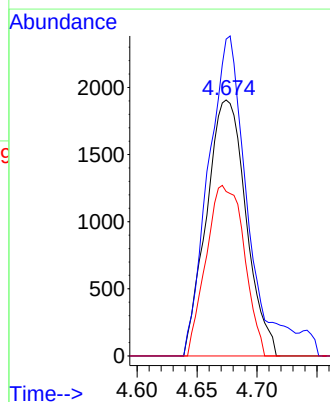
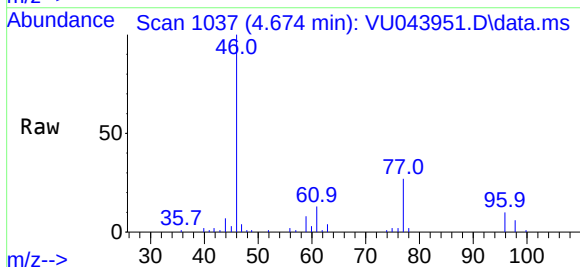
Instrument :
MSVOA_U
ClientSampleId :
GB417DL

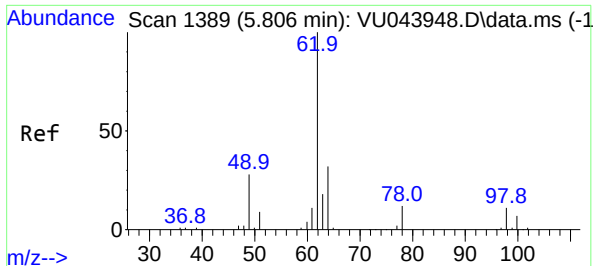
Tgt Ion:	63	Resp:	61702
Ion	Ratio	Lower	Upper
63	100		
65	30.8	23.2	43.2
83	12.7	9.7	18.1



#22
cis-1,2-Dichloroethene
Concen: 0.30 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU043951.D
Acq: 25 May 2021 10:12

Tgt Ion:	96	Resp:	4365
Ion	Ratio	Lower	Upper
96	100		
61	123.8	82.9	153.9
98	64.2	43.3	80.5

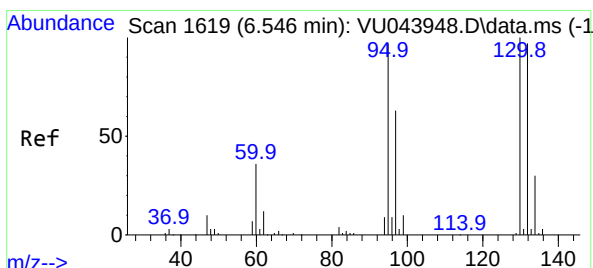
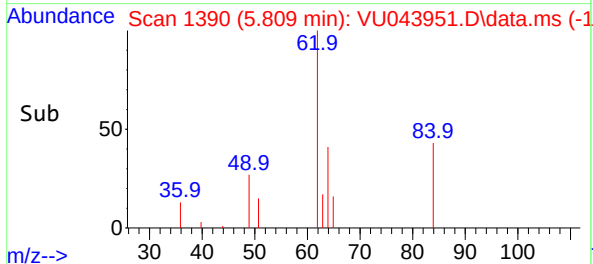
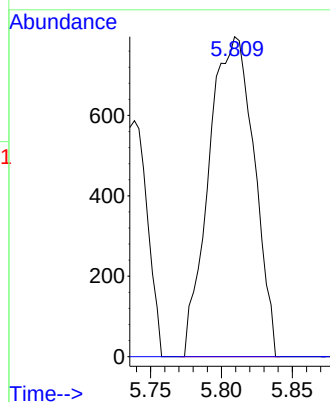
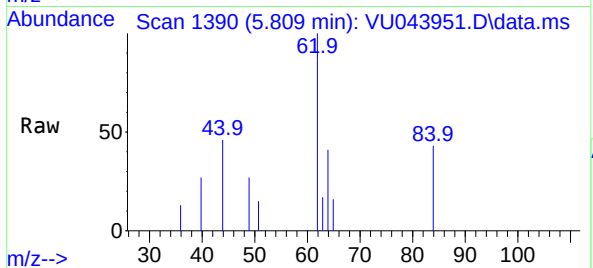




#27
1,2-Dichloroethane
Concen: 0.12 ug/L
RT: 5.809 min Scan# 1390
Delta R.T. 0.003 min
Lab File: VU043951.D
Acq: 25 May 2021 10:12

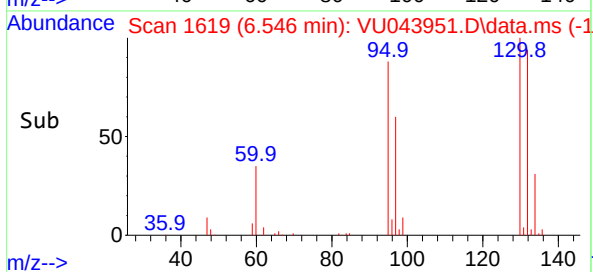
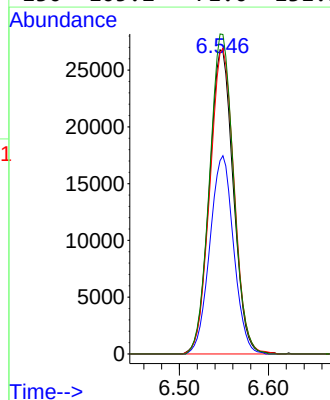
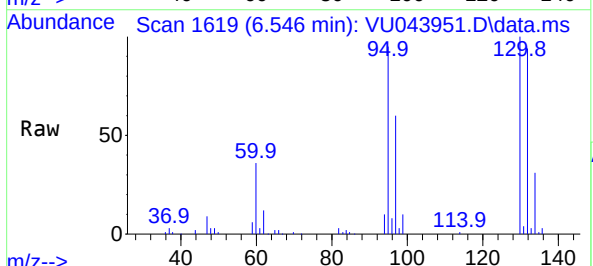
Instrument :
MSVOA_U
ClientSampleId :
GB417DL

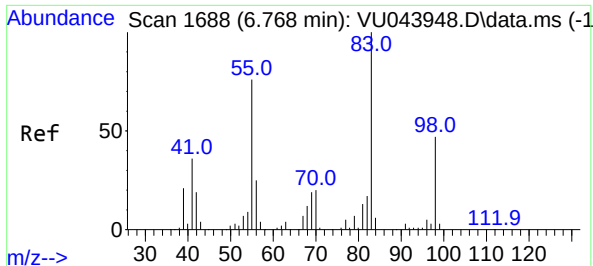
Tgt Ion: 62 Resp: 1767
Ion Ratio Lower Upper
62 100
98 0.0 8.3 12.5#



#34
Trichloroethene
Concen: 3.37 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU043951.D
Acq: 25 May 2021 10:12

Tgt Ion: 95 Resp: 49979
Ion Ratio Lower Upper
95 100
97 63.6 45.5 84.5
132 99.0 70.9 131.7
130 105.2 71.0 131.9





#35

Methylcyclohexane

Concen: 0.96 ug/L

RT: 6.700 min Scan# 1667

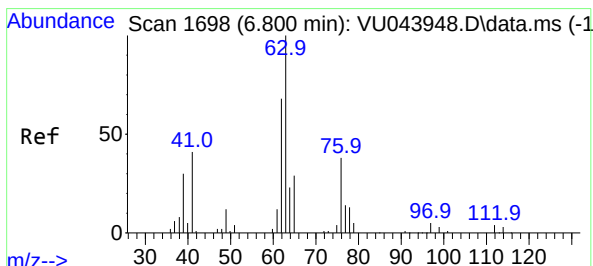
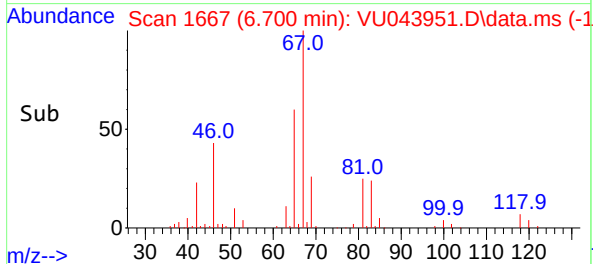
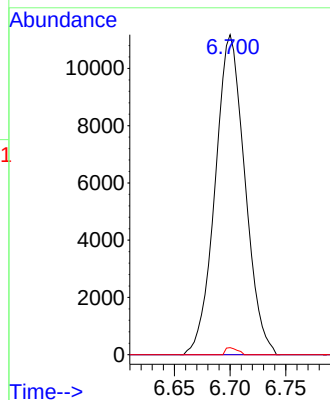
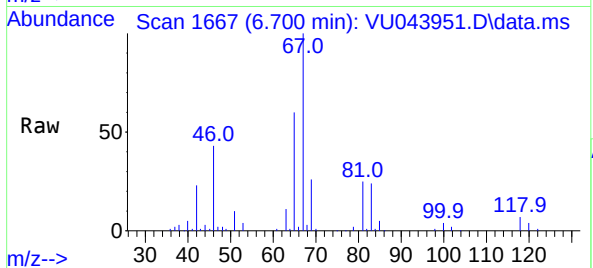
Delta R.T. -0.064 min

Lab File: VU043951.D

Acq: 25 May 2021 10:12

Tgt Ion:	83	Resp:	20784
Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	0.9	37.0	55.4#

Instrument :
MSVOA_U
ClientSampled :
GB417DL



#37

1,2-Dichloropropane

Concen: 0.60 ug/L

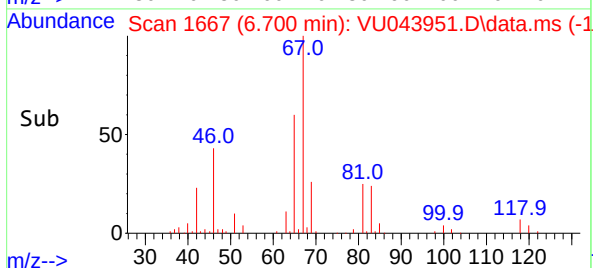
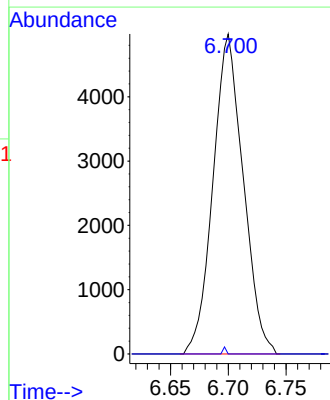
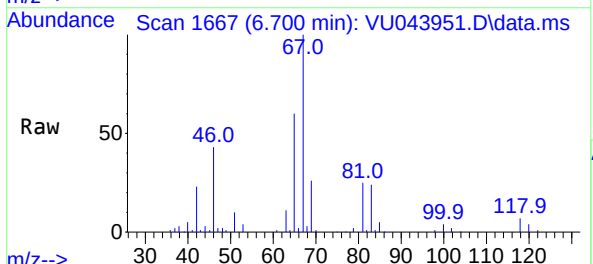
RT: 6.700 min Scan# 1667

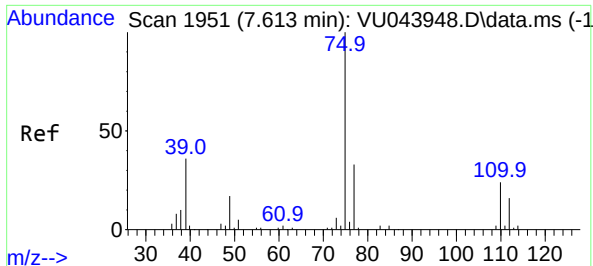
Delta R.T. -0.100 min

Lab File: VU043951.D

Acq: 25 May 2021 10:12

Tgt Ion:	63	Resp:	9051
Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.7	5.5#

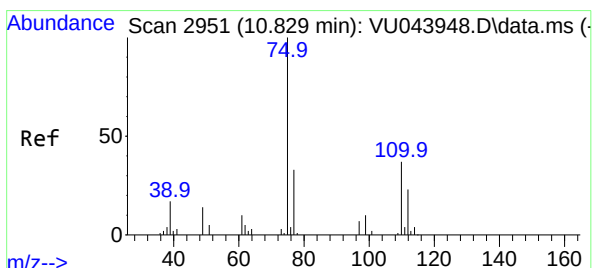
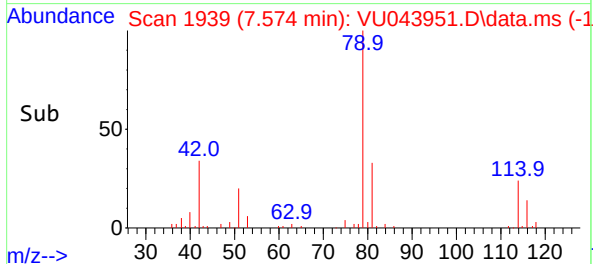
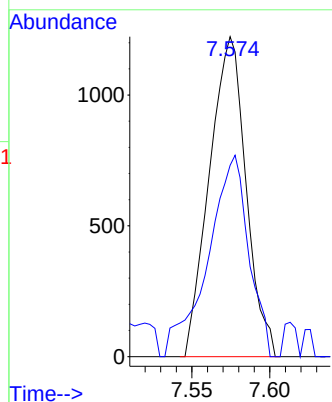
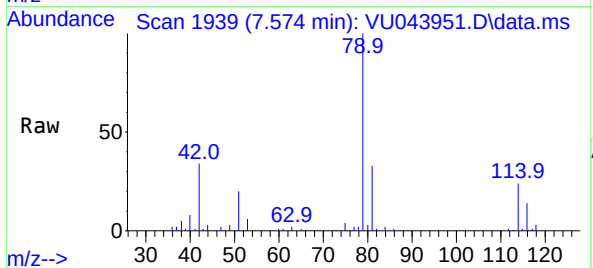




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU043951.D
Acq: 25 May 2021 10:12

Instrument :
MSVOA_U
ClientSampleId :
GB417DL

Tgt Ion: 75 Resp: 1994
Ion Ratio Lower Upper
75 100
77 59.8 22.3 41.3#



#61
1,2,3-Trichloropropane
Concen: 1.09 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU043951.D
Acq: 25 May 2021 10:12

Tgt Ion: 75 Resp: 8937
Ion Ratio Lower Upper
75 100
110 0.7 29.3 43.9#
77 33.6 26.3 39.5

