

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043842.D
 Acq On : 19 May 2021 21:27
 Operator : SY/MD
 Sample : M2464-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3Z1

Quant Time: May 20 03:57:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 20 03:54:53 2021
 Response via : Initial Calibration

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

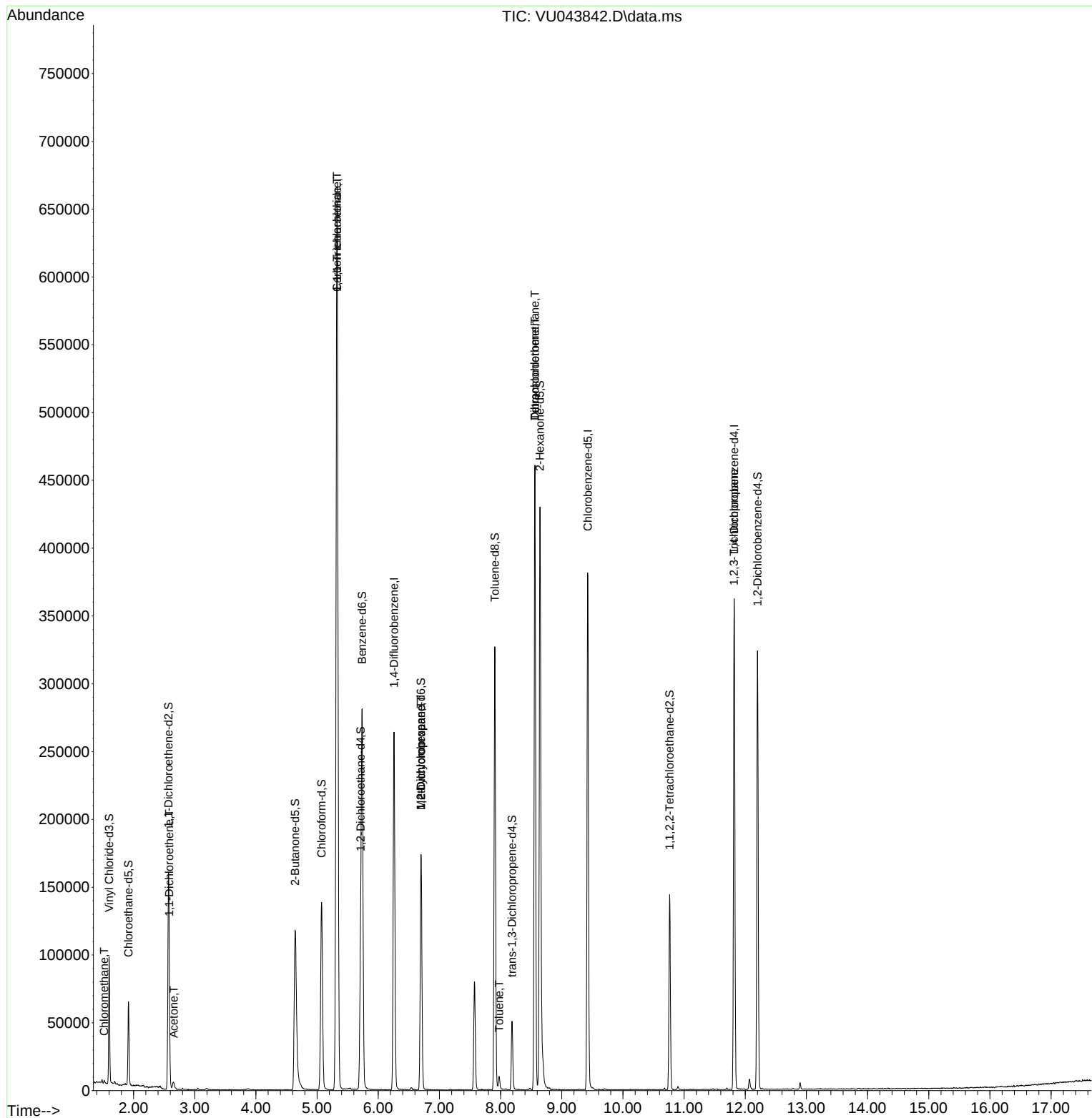
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	220888	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	224007	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	102830	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	66022	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.915	69	43913	3.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.20%
11) 1,1-Dichloroethene-d2	2.571	65	28557	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.60%
20) 2-Butanone-d5	4.642	46	194335	62.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.50%
24) Chloroform-d	5.073	84	131512	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.713	65	67810	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.735	84	267695	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.700	67	86773	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.906	98	222439	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloroprop...	8.185	79	28822	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.642	63	153045	50.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.98%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	72133	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	90539	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1698	0.09	ug/L	94
12) 1,1-Dichloroethene	2.584	96	6701	0.46	ug/L #	1
13) Acetone	2.658	43	7672	3.90	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	477933	20.46	ug/L	98
31) Carbon tetrachloride	5.327	117	68132	3.49	ug/L	97
35) Methylcyclohexane	6.700	83	19908	0.77	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	8490	0.50	ug/L #	88
42) Toluene	7.976	91	6760	0.10	ug/L	90
47) Tetrachloroethene	8.562	164	109127	8.12	ug/L	98
49) Dibromochloromethane	8.562	129	100662	7.41	ug/L #	11
61) 1,2,3-Trichloropropane	11.815	75	10834	1.10	ug/L #	70

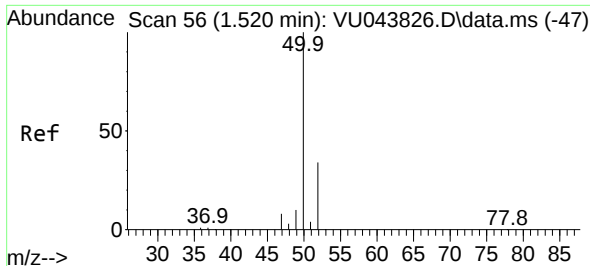
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
Data File : VU043842.D
Acq On : 19 May 2021 21:27
Operator : SY/MD
Sample : M2464-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GB3Z1

Quant Time: May 20 03:57:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu May 20 03:54:53 2021
Response via : Initial Calibration

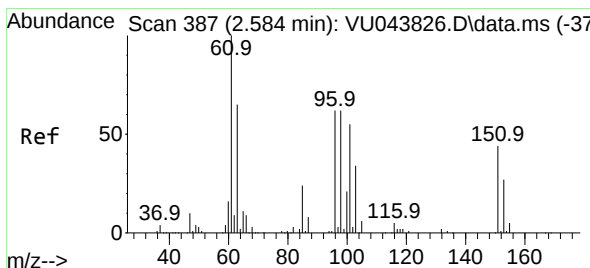
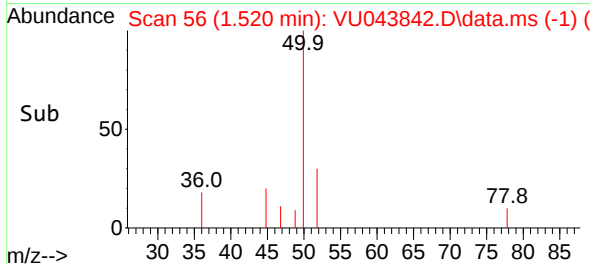
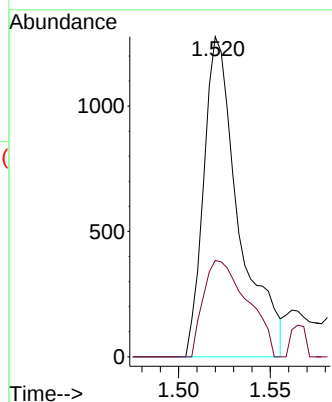
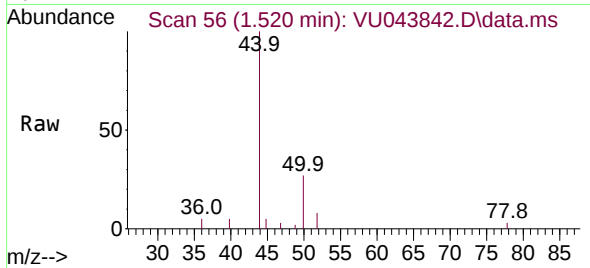




#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU043842.D
Acq: 19 May 2021 21:27

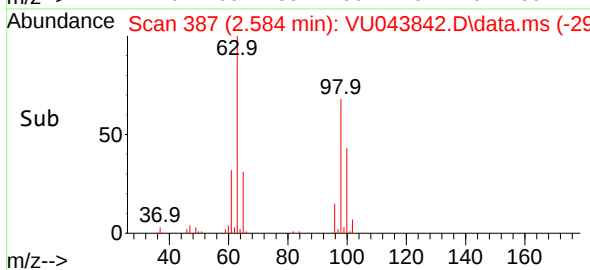
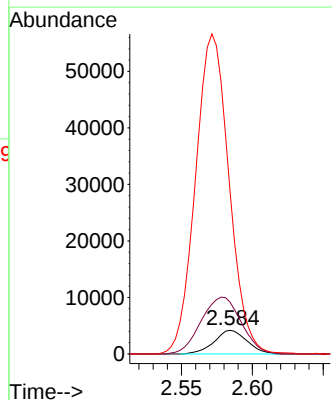
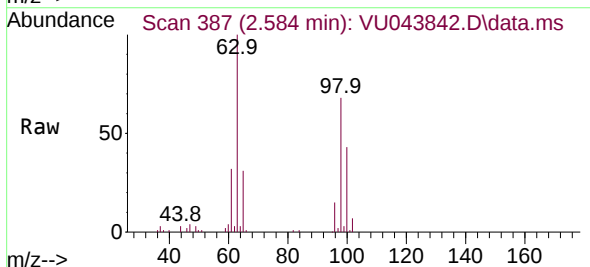
Instrument :
MSVOA_U
ClientSampleId :
GB3Z1

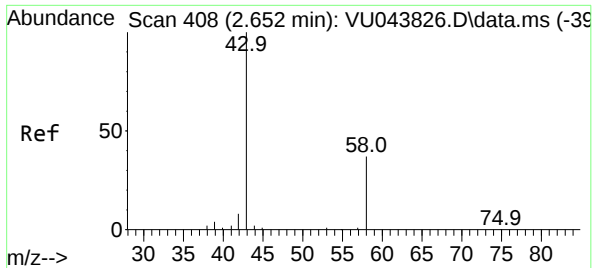
Tgt Ion: 50 Resp: 1698
Ion Ratio Lower Upper
50 100
52 30.1 23.2 43.2



#12
1,1-Dichloroethene
Concen: 0.46 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU043842.D
Acq: 19 May 2021 21:27

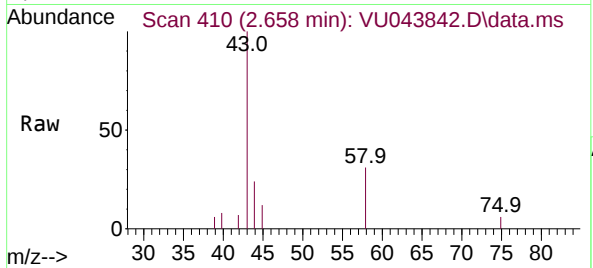
Tgt Ion: 96 Resp: 6701
Ion Ratio Lower Upper
96 100
61 218.0 117.5 218.1
63 682.3 77.3 143.7#



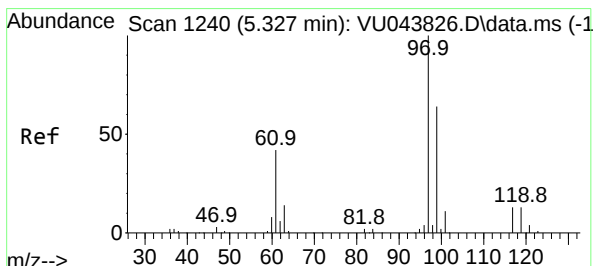
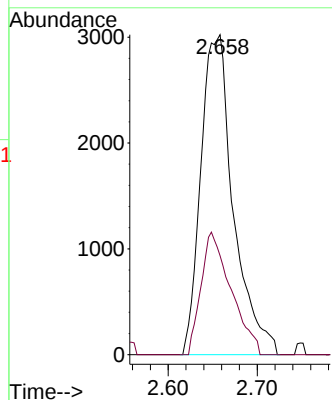
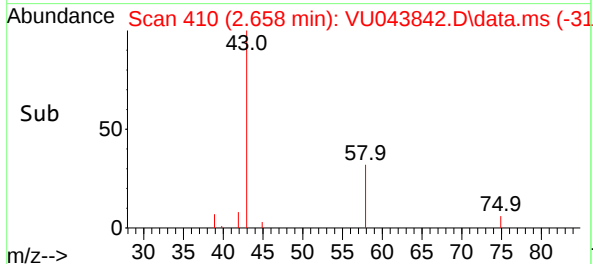


#13
Acetone
Concen: 3.90 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.006 min
Lab File: VU043842.D
Acq: 19 May 2021 21:27

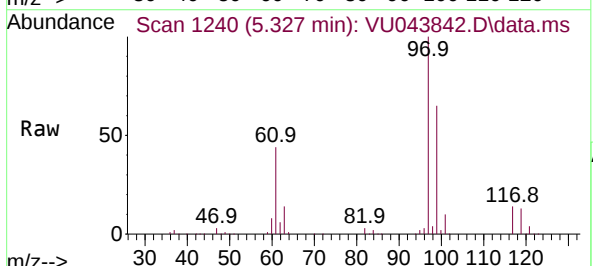
Instrument :
MSVOA_U
ClientSampled :
GB3Z1



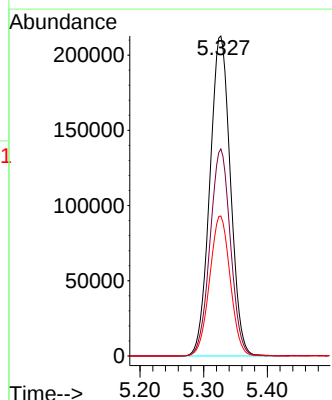
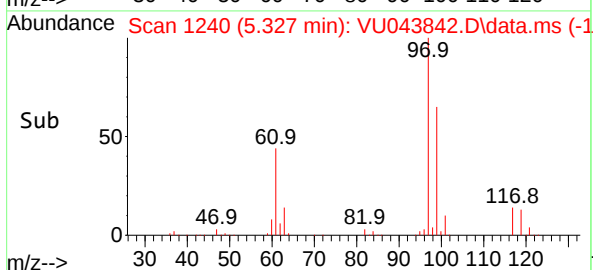
Tgt Ion: 43 Resp: 7672
Ion Ratio Lower Upper
43 100
58 35.3 0.0 71.6

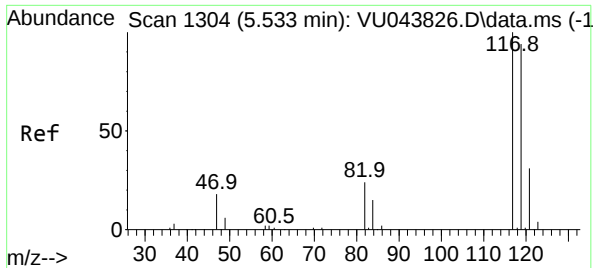


#29
1,1,1-Trichloroethane
Concen: 20.46 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU043842.D
Acq: 19 May 2021 21:27



Tgt Ion: 97 Resp: 477933
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 43.7 37.0 55.4

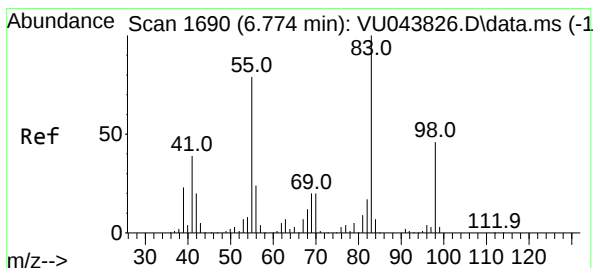
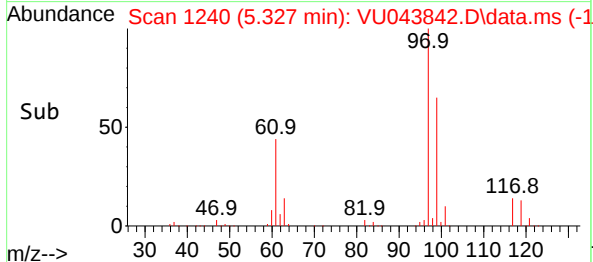
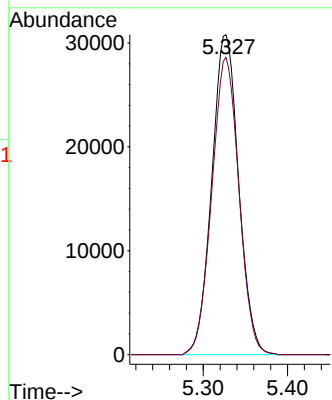
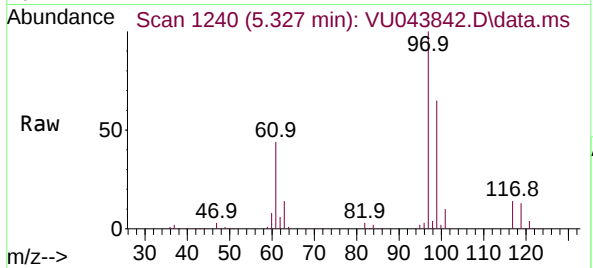




#31
Carbon tetrachloride
Concen: 3.49 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.206 min
Lab File: VU043842.D
Acq: 19 May 2021 21:27

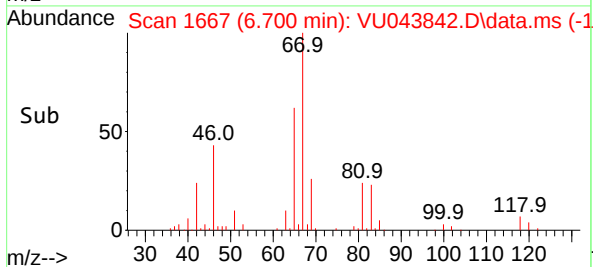
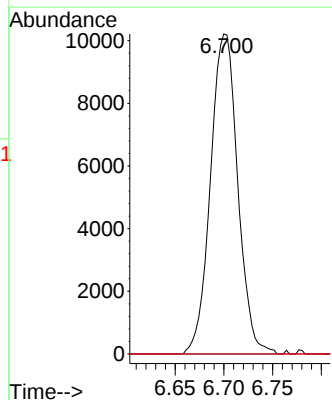
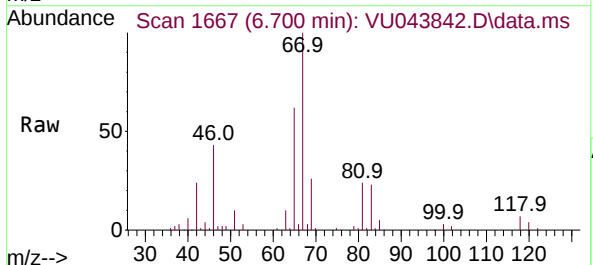
Instrument :
MSVOA_U
ClientSampleId :
GB3Z1

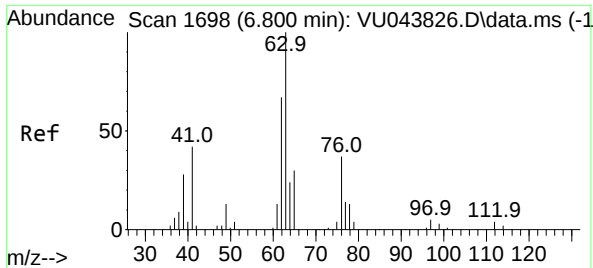
Tgt Ion:117 Resp: 68132
Ion Ratio Lower Upper
117 100
119 93.7 77.4 116.0



#35
Methylcyclohexane
Concen: 0.77 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043842.D
Acq: 19 May 2021 21:27

Tgt Ion: 83 Resp: 19908
Ion Ratio Lower Upper
83 100
55 0.0 64.8 97.2#
98 0.2 35.9 53.9#



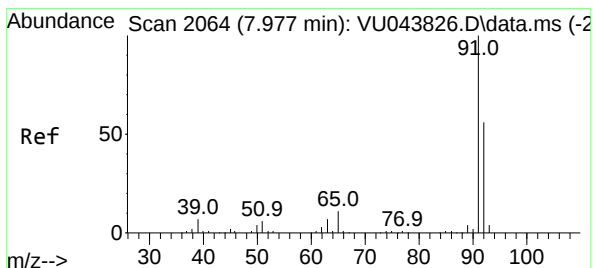
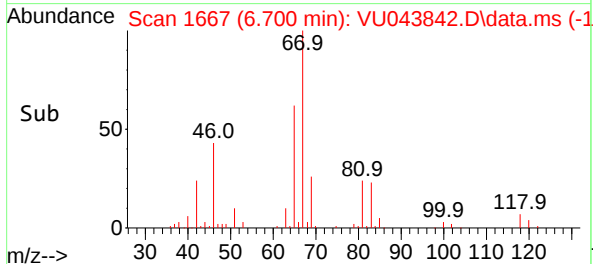
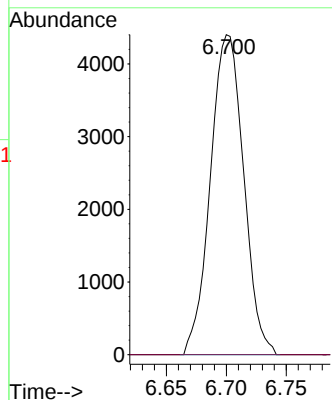
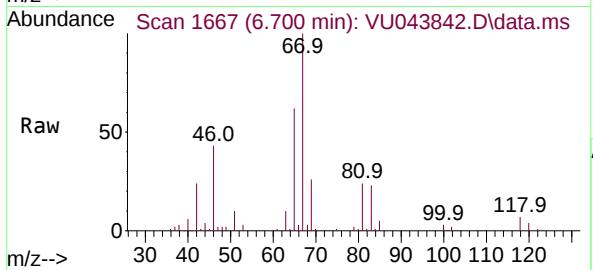


#37

1,2-Dichloropropane
Concen: 0.50 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043842.D
Acq: 19 May 2021 21:27

Instrument :
MSVOA_U
ClientSampleId :
GB3Z1

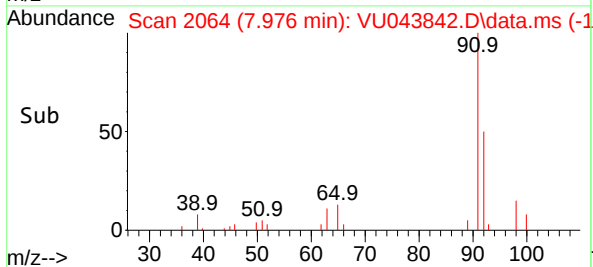
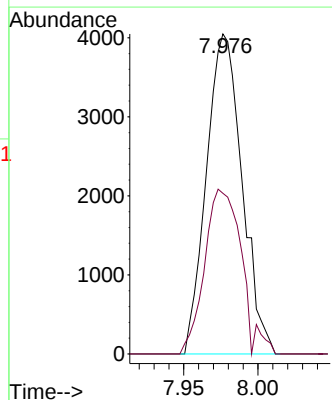
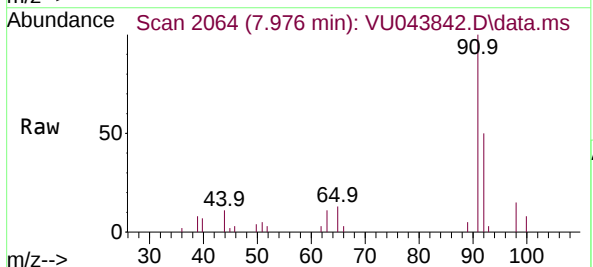
Tgt Ion: 63 Resp: 8490
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

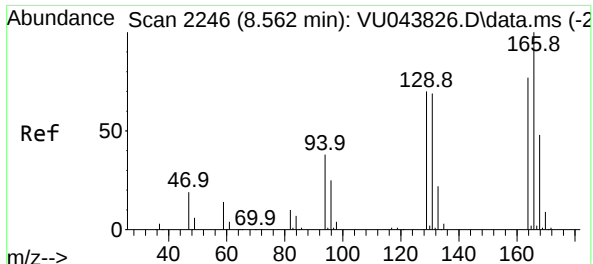


#42

Toluene
Concen: 0.10 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043842.D
Acq: 19 May 2021 21:27

Tgt Ion: 91 Resp: 6760
Ion Ratio Lower Upper
91 100
92 50.2 40.3 74.8

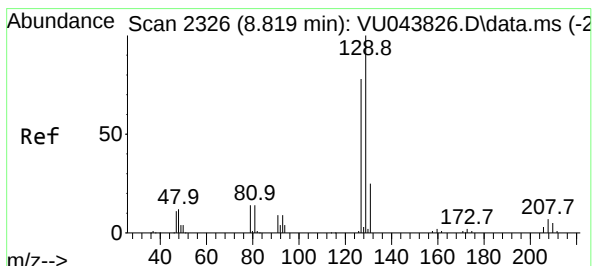
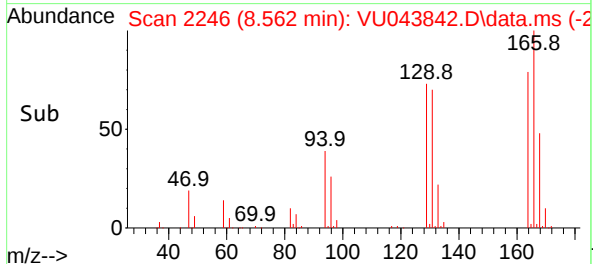
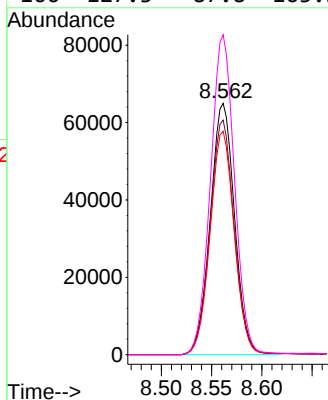
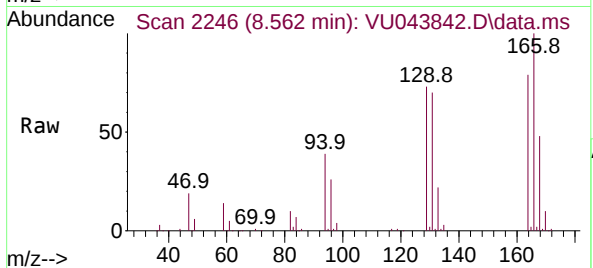




#47
Tetrachloroethene
Concen: 8.12 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043842.D
Acq: 19 May 2021 21:27

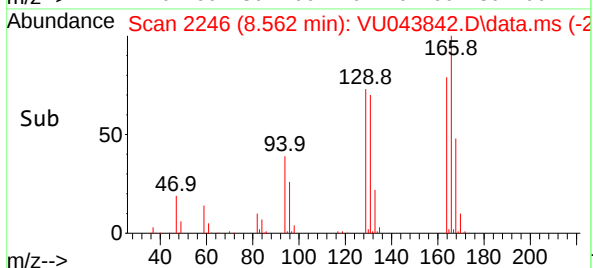
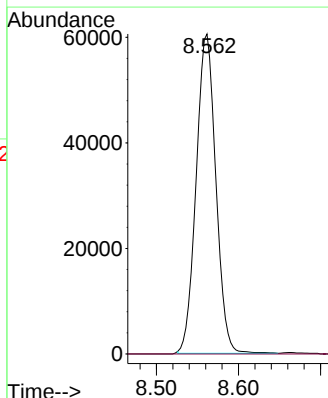
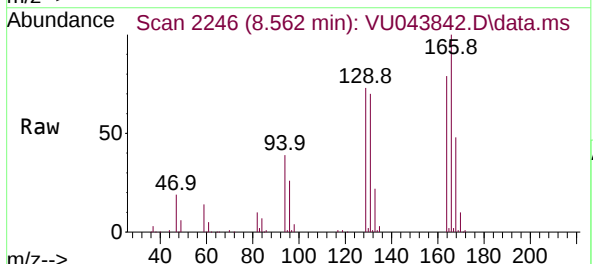
Instrument :
MSVOA_U
ClientSampled :
GB3Z1

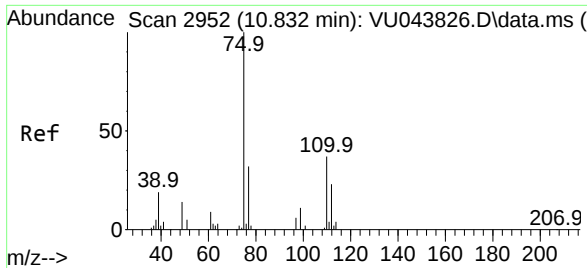
Tgt Ion:164 Resp: 109127
Ion Ratio Lower Upper
164 100
129 93.3 64.1 119.1
131 88.8 61.2 113.8
166 127.3 87.8 163.2



#49
Dibromochloromethane
Concen: 7.41 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043842.D
Acq: 19 May 2021 21:27

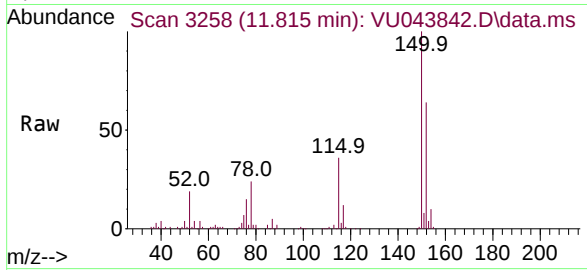
Tgt Ion:129 Resp: 100662
Ion Ratio Lower Upper
129 100
127 0.0 53.4 99.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.10 ug/L
 RT: 11.815 min Scan# 3258
 Delta R.T. 0.984 min
 Lab File: VU043842.D
 Acq: 19 May 2021 21:27

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3Z1



Tgt Ion:	75	Resp:	10834
Ion	Ratio	Lower	Upper
75	100		
110	2.0	27.9	41.9#
77	31.3	25.9	38.9

