

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043843.D
 Acq On : 19 May 2021 21:51
 Operator : SY/MD
 Sample : M2464-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3Z2

Quant Time: May 20 03:57:54 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)

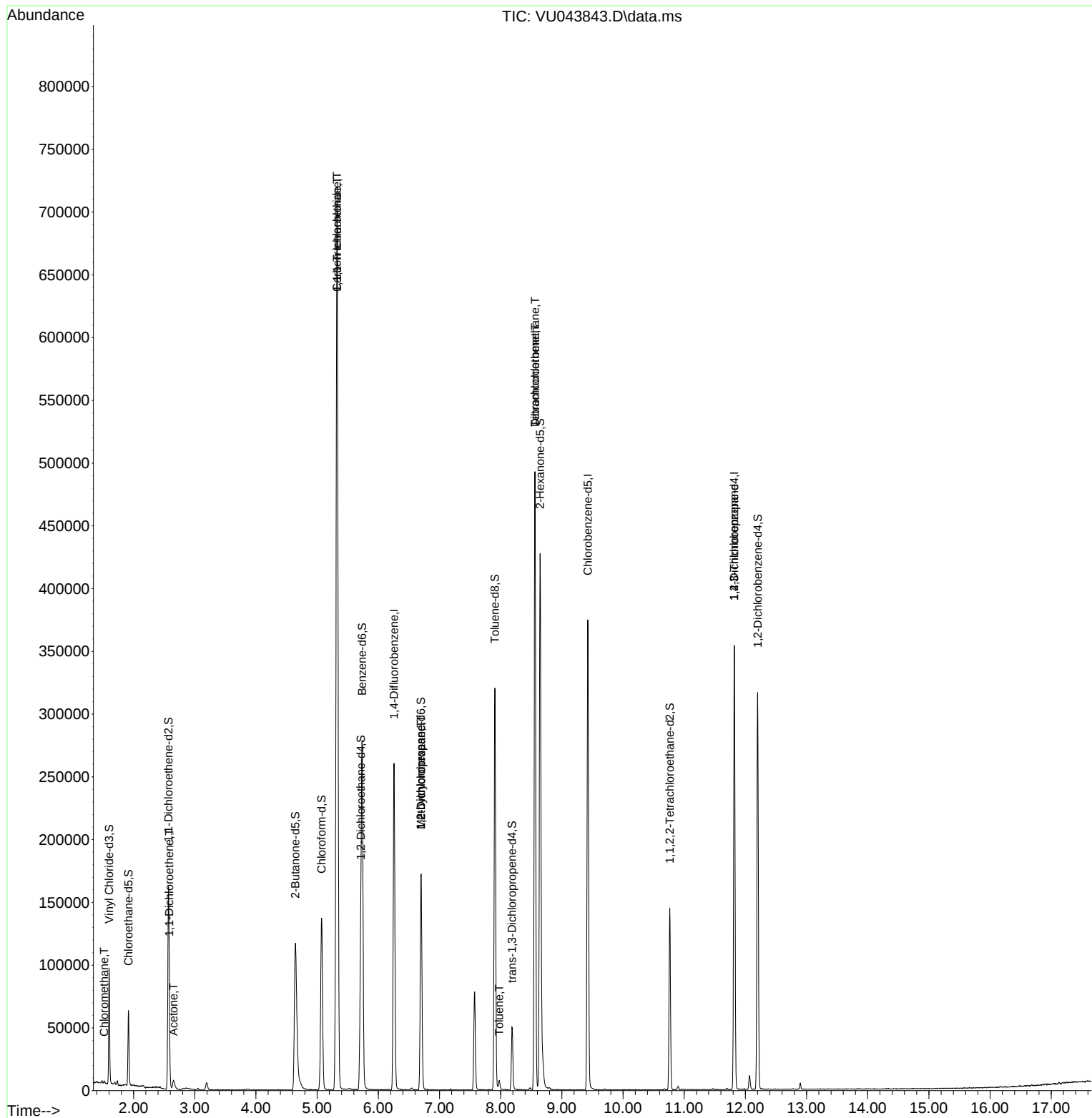
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	216793	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	220892	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	100498	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	65367	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.916	69	42591	3.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.40%
11) 1,1-Dichloroethene-d2	2.572	65	28487	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.00%
20) 2-Butanone-d5	4.646	46	196586	64.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.36%
24) Chloroform-d	5.073	84	127942	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.713	65	67741	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.736	84	263912	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.700	67	84773	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.906	98	217997	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloroprop...	8.186	79	29028	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.645	63	154909	51.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.64%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	71536	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
66) 1,2-Dichlorobenzene-d4	12.202	152	89236	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1666	0.09	ug/L	91
12) 1,1-Dichloroethene	2.585	96	6839	0.48	ug/L #	1
13) Acetone	2.652	43	11301	5.86	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	516087	22.41	ug/L	98
31) Carbon tetrachloride	5.327	117	71104	3.70	ug/L	99
35) Methylcyclohexane	6.700	83	19641	0.77	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	8563	0.51	ug/L #	88
42) Toluene	7.977	91	5180	0.08	ug/L	98
47) Tetrachloroethene	8.562	164	116655	8.80	ug/L	98
49) Dibromochloromethane	8.562	129	107646	8.03	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	10785	1.12	ug/L #	70

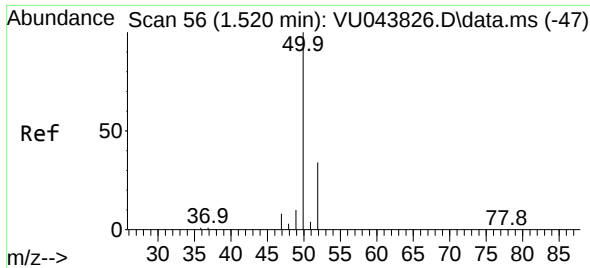
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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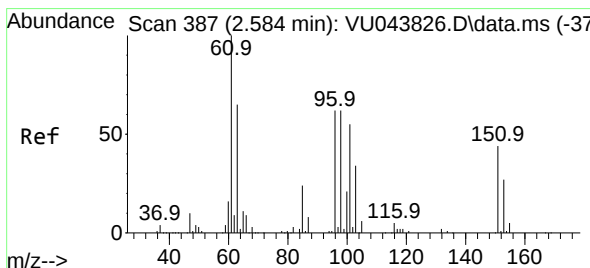
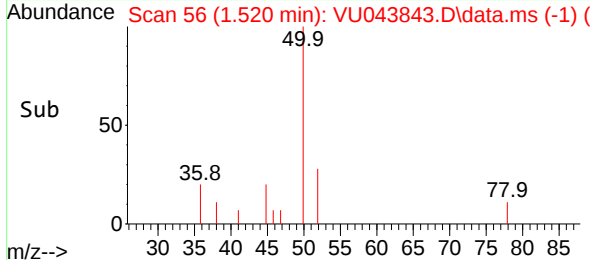
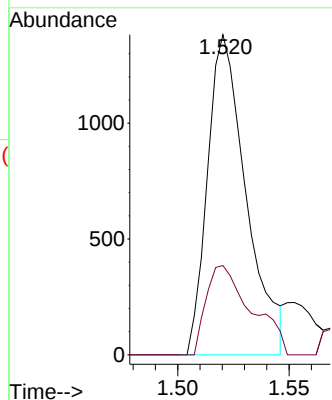
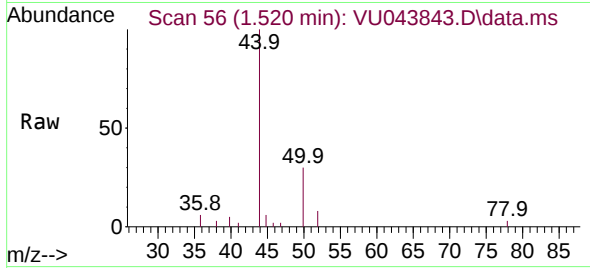




#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043843.D
Acq: 19 May 2021 21:51

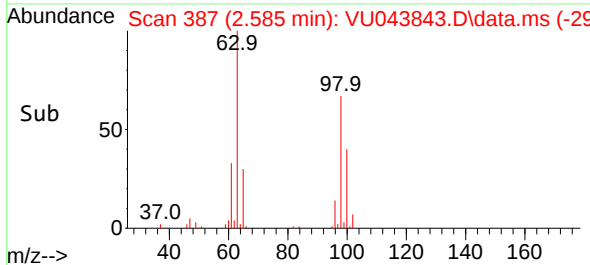
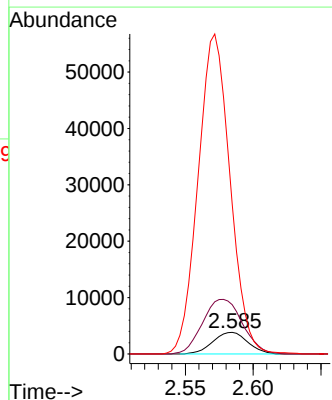
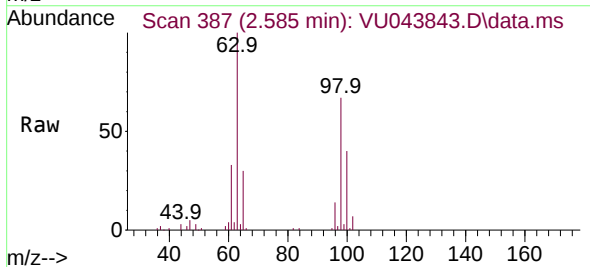
Instrument :
MSVOA_U
ClientSampled :
GB3Z2

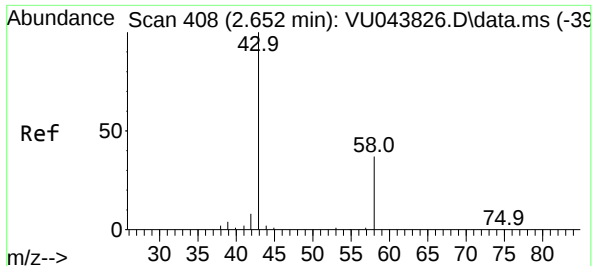
Tgt Ion: 50 Resp: 1666
Ion Ratio Lower Upper
50 100
52 27.9 23.2 43.2



#12
1,1-Dichloroethene
Concen: 0.48 ug/L
RT: 2.585 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU043843.D
Acq: 19 May 2021 21:51

Tgt Ion: 96 Resp: 6839
Ion Ratio Lower Upper
96 100
61 229.0 117.5 218.1#
63 696.2 77.3 143.7#

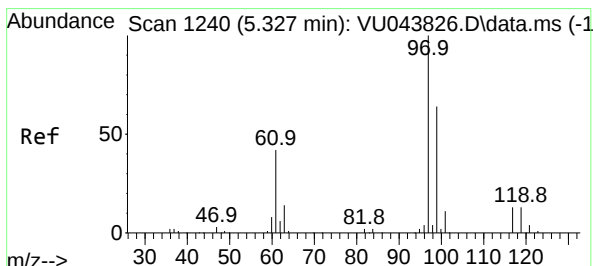
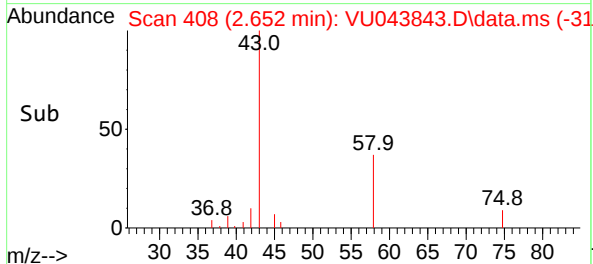
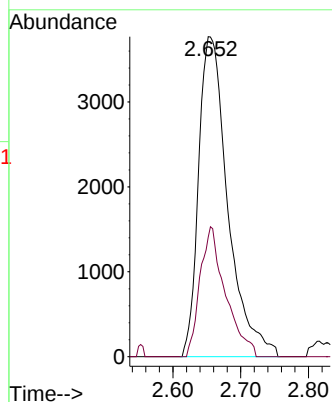
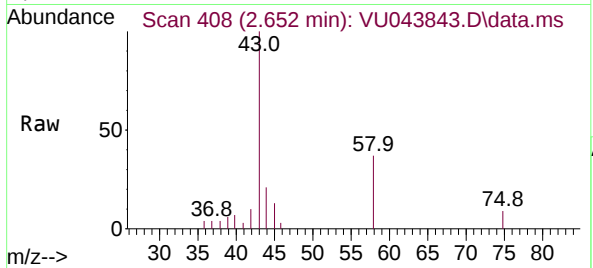




#13
Acetone
Concen: 5.86 ug/L
RT: 2.652 min Scan# 408
Delta R.T. 0.000 min
Lab File: VU043843.D
Acq: 19 May 2021 21:51

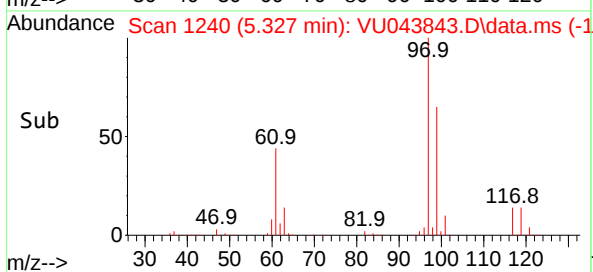
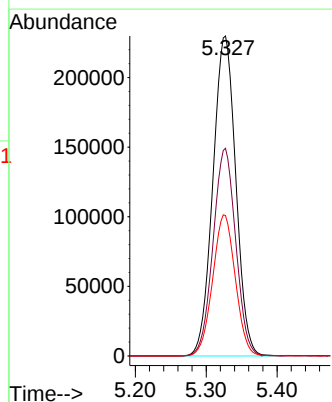
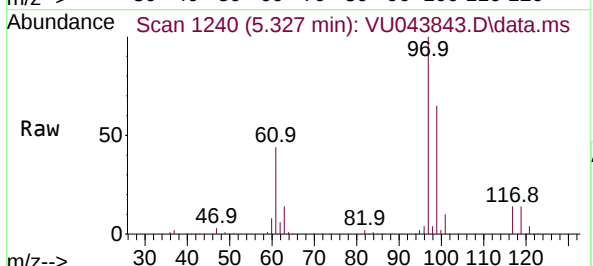
Instrument :
MSVOA_U
ClientSampleId :
GB3Z2

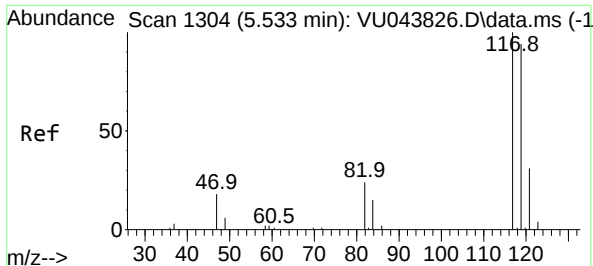
Tgt Ion: 43 Resp: 11301
Ion Ratio Lower Upper
43 100
58 35.3 0.0 71.6



#29
1,1,1-Trichloroethane
Concen: 22.41 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU043843.D
Acq: 19 May 2021 21:51

Tgt Ion: 97 Resp: 516087
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 43.6 37.0 55.4

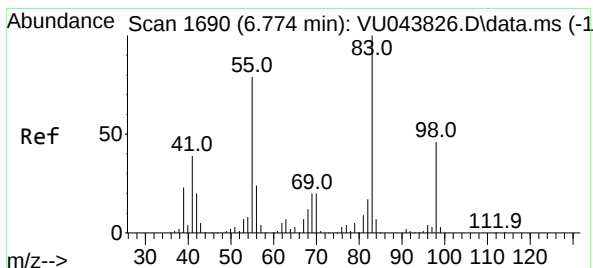
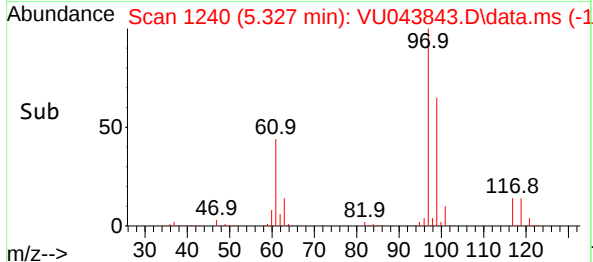
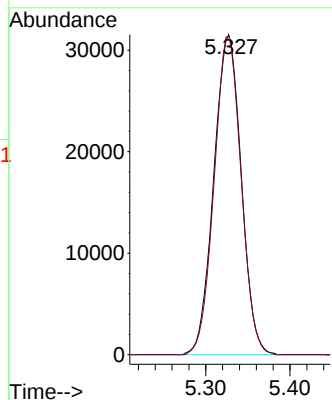
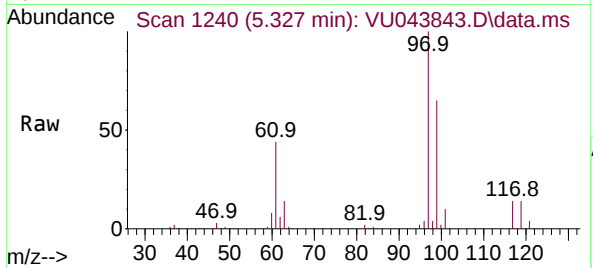




#31
Carbon tetrachloride
Concen: 3.70 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.206 min
Lab File: VU043843.D
Acq: 19 May 2021 21:51

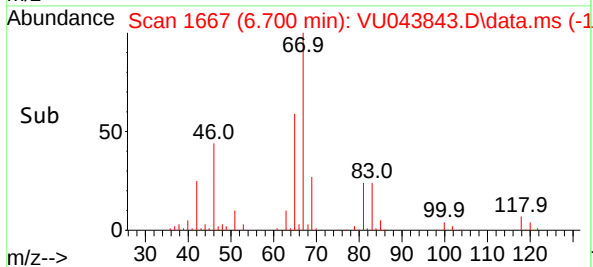
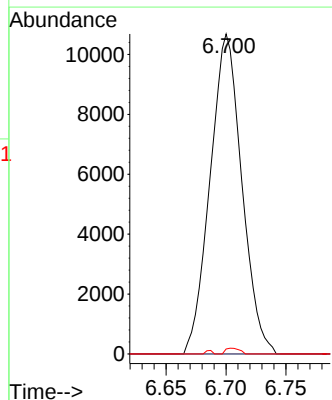
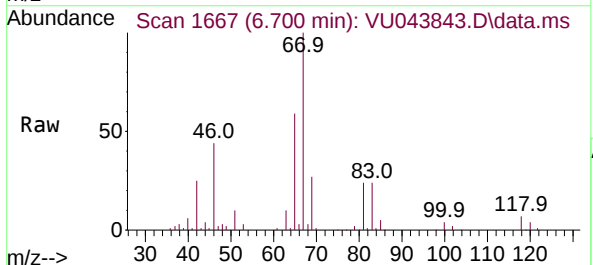
Instrument :
MSVOA_U
ClientSampleId :
GB3Z2

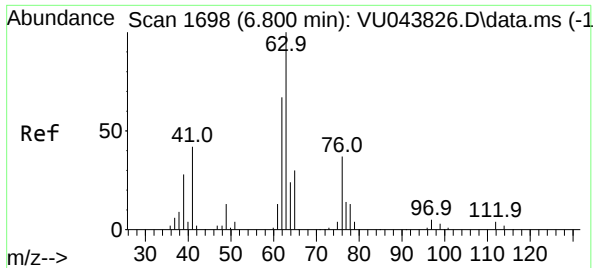
Tgt Ion:117 Resp: 71104
Ion Ratio Lower Upper
117 100
119 97.8 77.4 116.0



#35
Methylcyclohexane
Concen: 0.77 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043843.D
Acq: 19 May 2021 21:51

Tgt Ion: 83 Resp: 19641
Ion Ratio Lower Upper
83 100
55 0.0 64.8 97.2#
98 0.8 35.9 53.9#



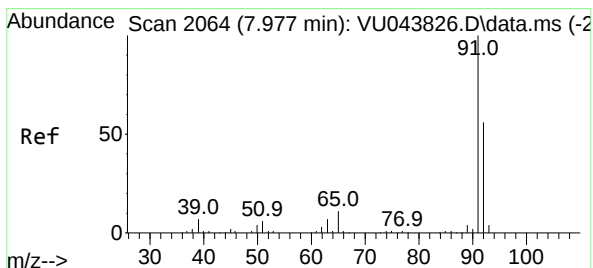
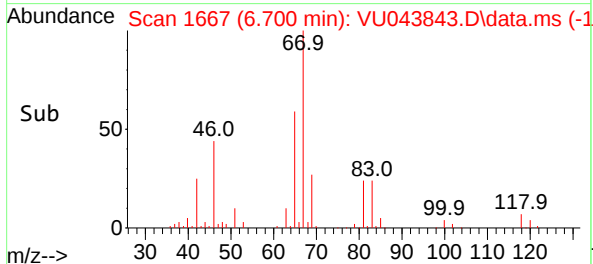
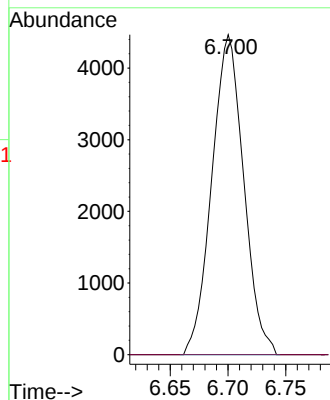
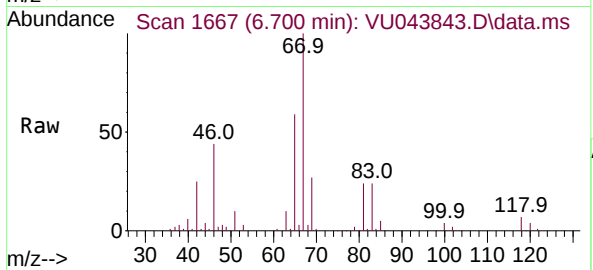


#37

1,2-Dichloropropane
Concen: 0.51 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043843.D
Acq: 19 May 2021 21:51

Instrument :
MSVOA_U
ClientSampleId :
GB3Z2

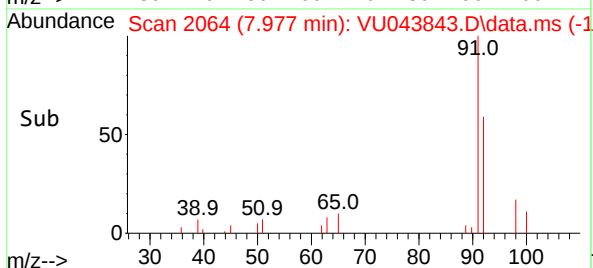
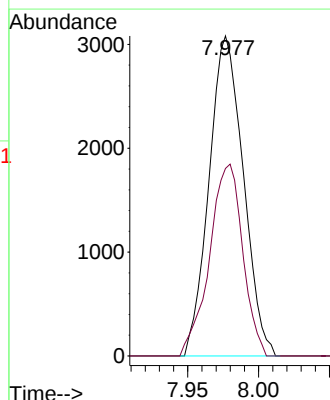
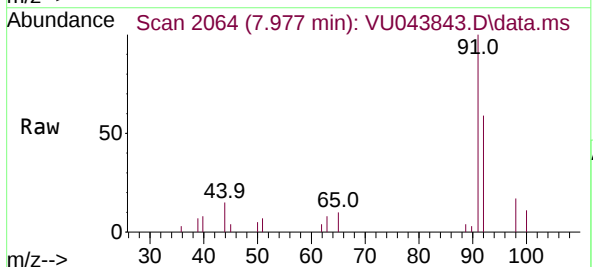
Tgt Ion: 63 Resp: 8563
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

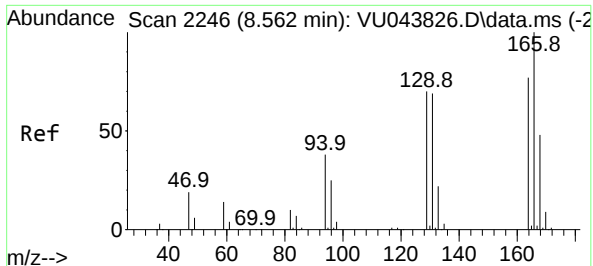


#42

Toluene
Concen: 0.08 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043843.D
Acq: 19 May 2021 21:51

Tgt Ion: 91 Resp: 5180
Ion Ratio Lower Upper
91 100
92 58.6 40.3 74.8

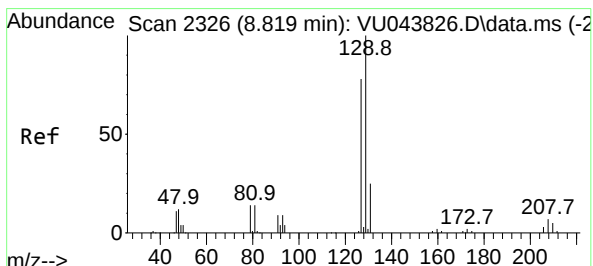
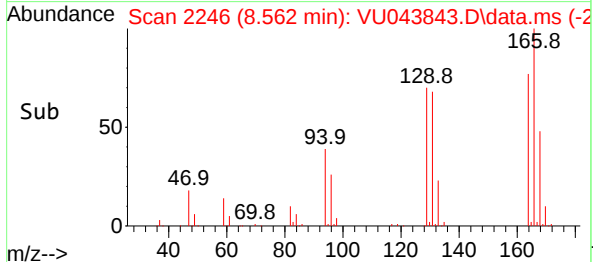
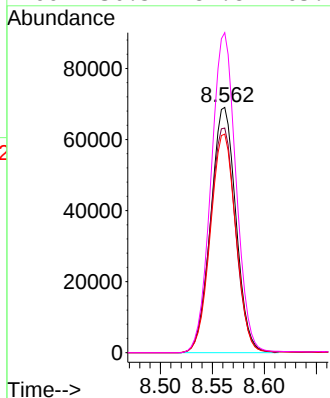
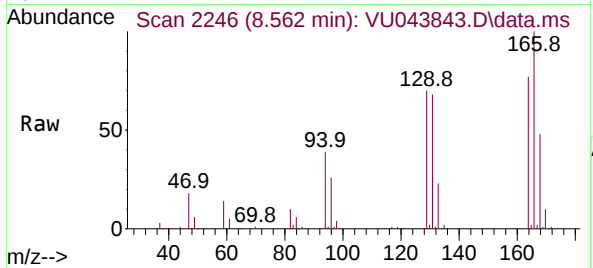




#47
Tetrachloroethene
Concen: 8.80 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043843.D
Acq: 19 May 2021 21:51

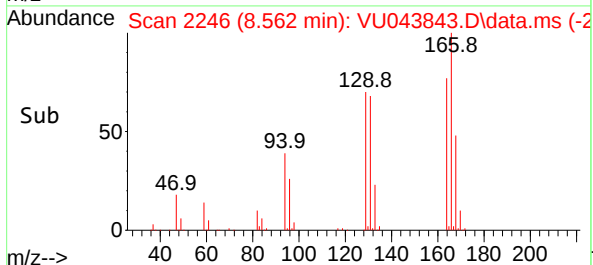
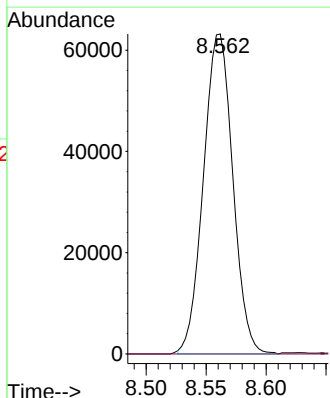
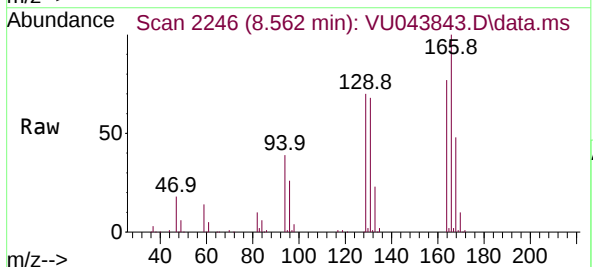
Instrument :
MSVOA_U
ClientSampled :
GB3Z2

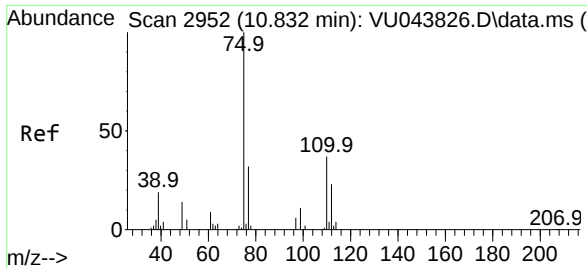
Tgt Ion:164 Resp: 116655
Ion Ratio Lower Upper
164 100
129 91.6 64.1 119.1
131 89.1 61.2 113.8
166 130.5 87.8 163.2



#49
Dibromochloromethane
Concen: 8.03 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043843.D
Acq: 19 May 2021 21:51

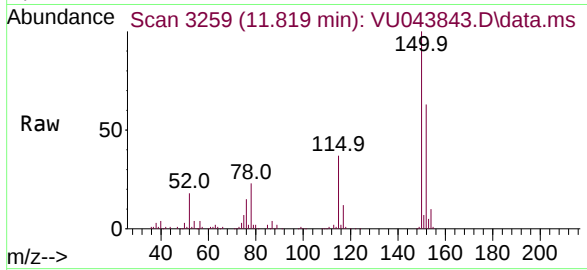
Tgt Ion:129 Resp: 107646
Ion Ratio Lower Upper
129 100
127 0.0 53.4 99.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.12 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043843.D
 Acq: 19 May 2021 21:51

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3Z2



Tgt Ion:	75	Resp:	10785
Ion	Ratio	Lower	Upper
75	100		
110	1.8	27.9	41.9#
77	31.4	25.9	38.9

