

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043844.D
 Acq On : 19 May 2021 22:16
 Operator : SY/MD
 Sample : M2464-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3Z3

Quant Time: May 20 03:58:00 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)

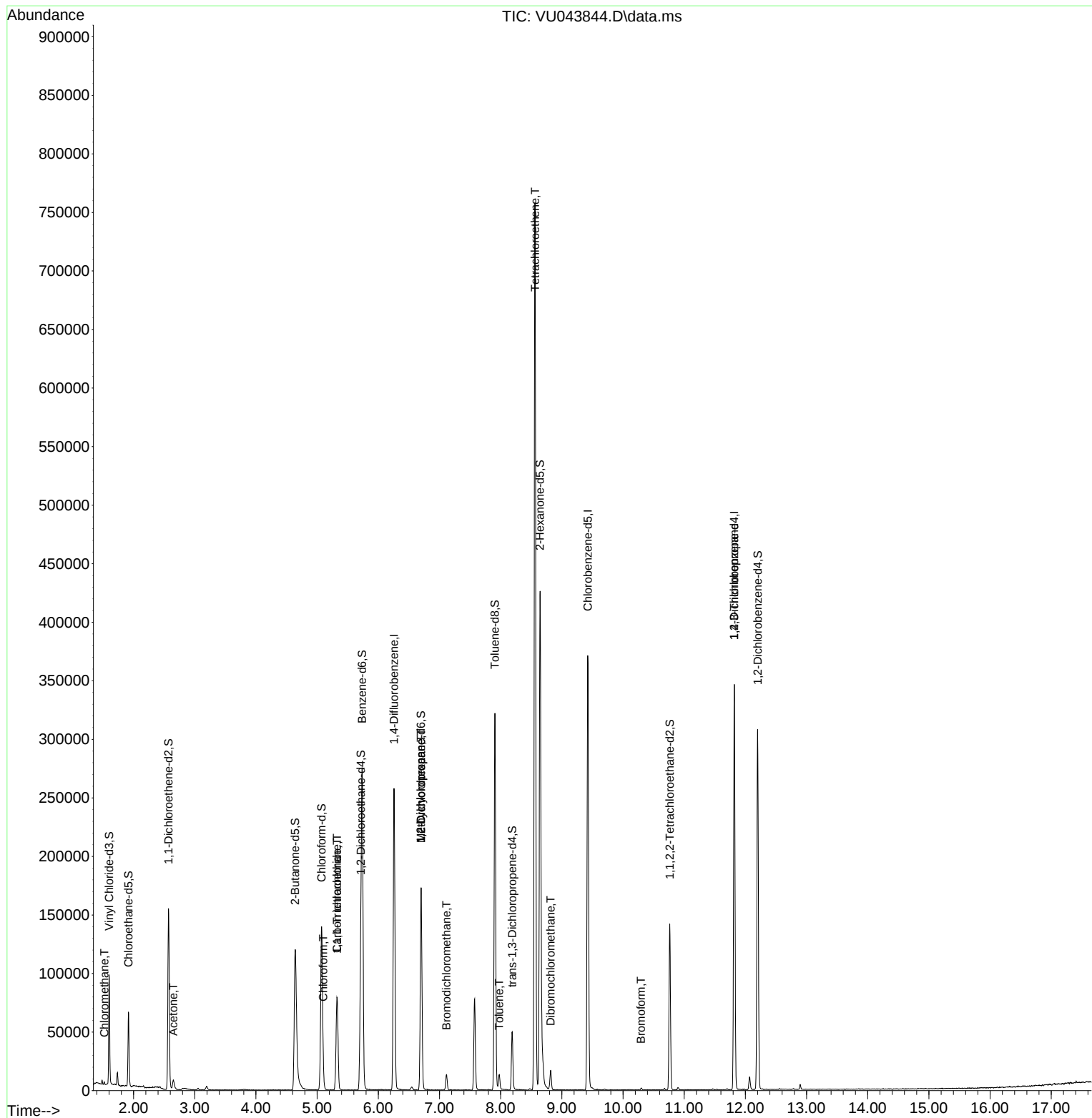
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	212745	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	218697	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	100267	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	65300	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.915	69	44883	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.00%
11) 1,1-Dichloroethene-d2	2.571	65	28703	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.20%
20) 2-Butanone-d5	4.642	46	190412	63.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.68%
24) Chloroform-d	5.073	84	131007	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.713	65	66668	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.735	84	264811	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.700	67	85607	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.906	98	219223	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloroprop...	8.189	79	28549	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.642	63	149550	50.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.06%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	71351	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	88512	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1993	0.11	ug/L	95
13) Acetone	2.649	43	10433	5.51	ug/L	97
25) Chloroform	5.099	83	6198	0.23	ug/L	98
29) 1,1,1-Trichloroethane	5.327	97	58481	2.56	ug/L	97
31) Carbon tetrachloride	5.324	117	8454	0.44	ug/L	97
35) Methylcyclohexane	6.700	83	19789	0.78	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	8738	0.53	ug/L #	88
38) Bromodichloromethane	7.115	83	9094	0.47	ug/L	97
42) Toluene	7.976	91	8980	0.14	ug/L	99
47) Tetrachloroethene	8.562	164	181393	13.83	ug/L	97
49) Dibromochloromethane	8.819	129	8787	0.66	ug/L	99
59) Bromoform	10.295	173	811	0.12	ug/L #	91
61) 1,2,3-Trichloropropane	11.819	75	10666	1.11	ug/L #	68

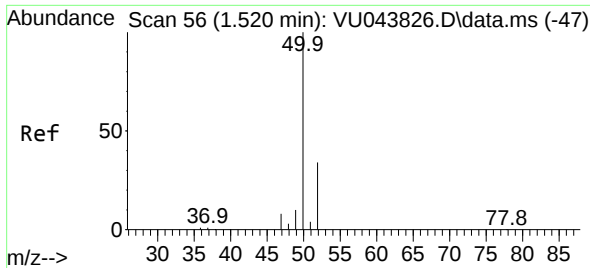
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

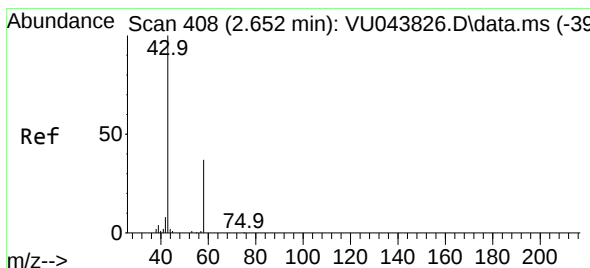
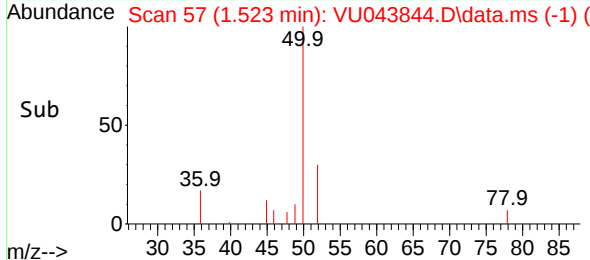
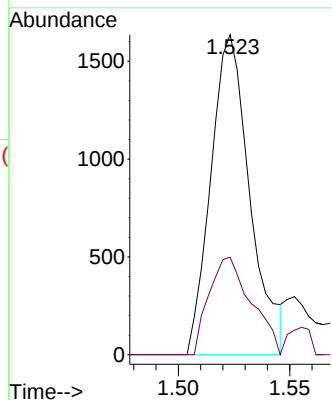
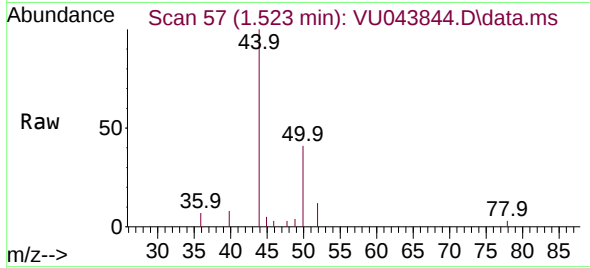




#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043844.D
Acq: 19 May 2021 22:16

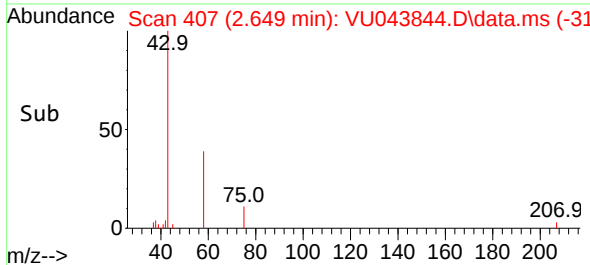
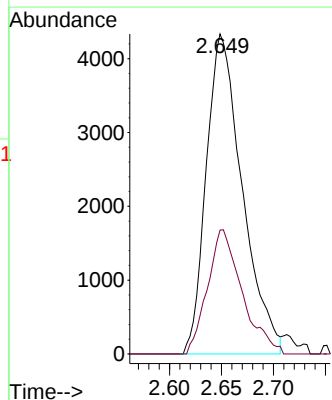
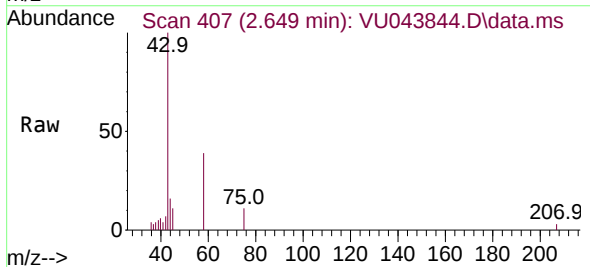
Instrument :
MSVOA_U
ClientSampled :
GB3Z3

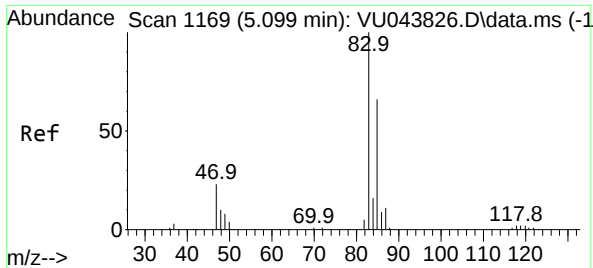
Tgt Ion: 50 Resp: 1993
Ion Ratio Lower Upper
50 100
52 30.4 23.2 43.2



#13
Acetone
Concen: 5.51 ug/L
RT: 2.649 min Scan# 407
Delta R.T. -0.003 min
Lab File: VU043844.D
Acq: 19 May 2021 22:16

Tgt Ion: 43 Resp: 10433
Ion Ratio Lower Upper
43 100
58 37.3 0.0 71.6

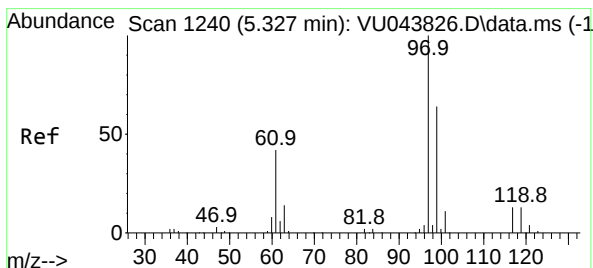
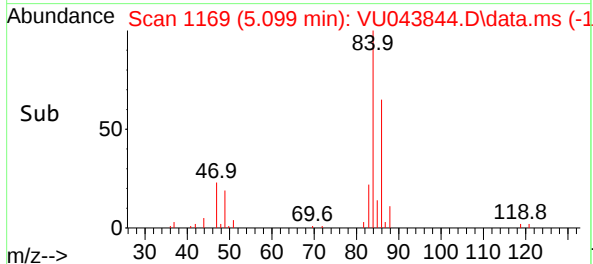
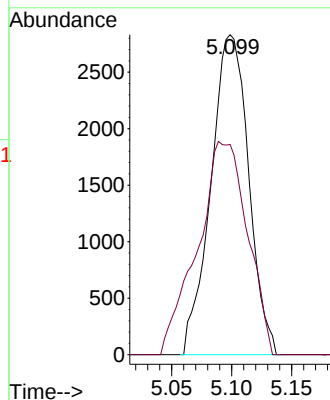
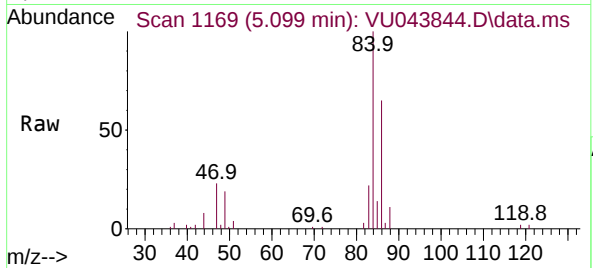




#25
Chloroform
Concen: 0.23 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043844.D
Acq: 19 May 2021 22:16

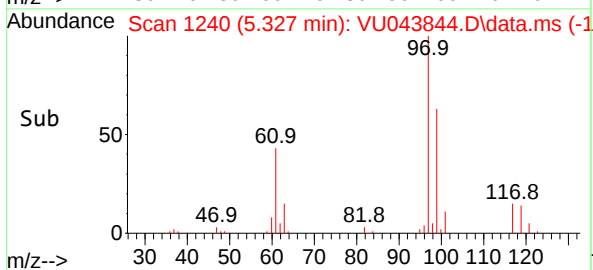
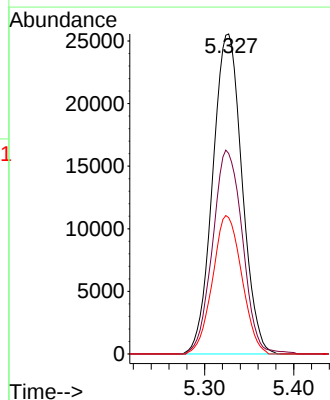
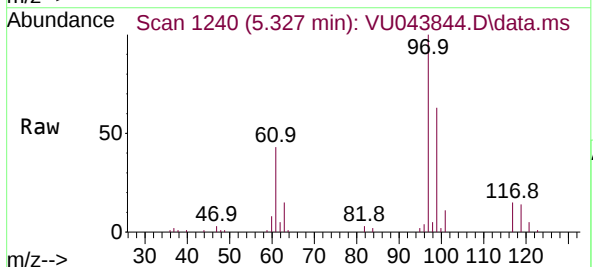
Instrument :
MSVOA_U
ClientSampled :
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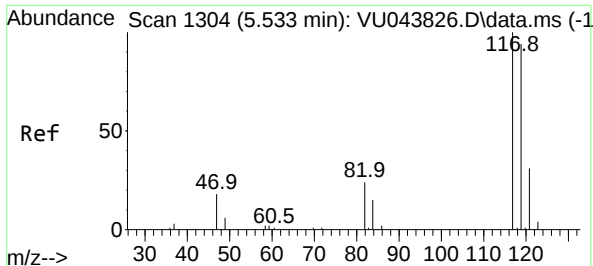
Tgt Ion: 83 Resp: 6198
Ion Ratio Lower Upper
83 100
85 65.7 45.0 83.6



#29
1,1,1-Trichloroethane
Concen: 2.56 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU043844.D
Acq: 19 May 2021 22:16

Tgt Ion: 97 Resp: 58481
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 43.0 37.0 55.4

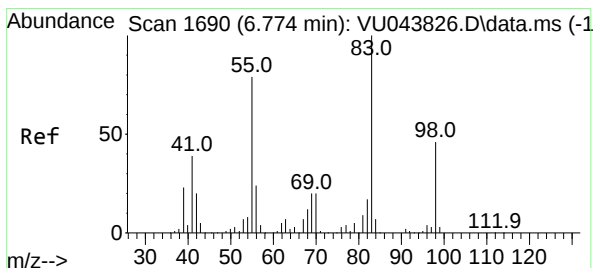
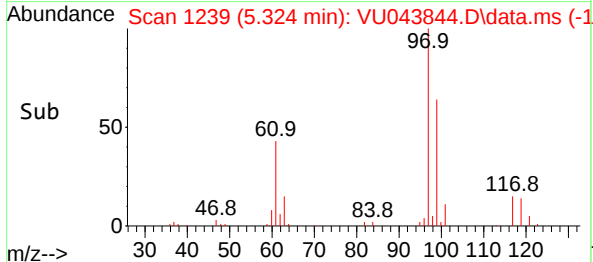
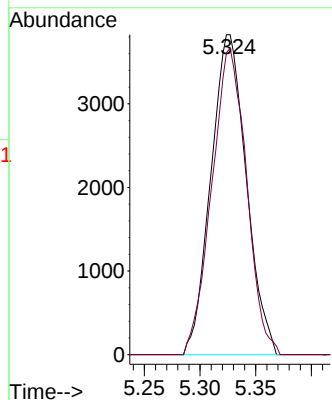
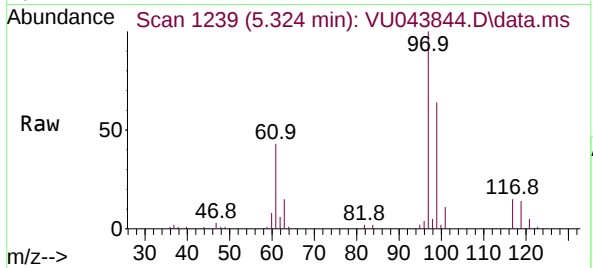




#31
Carbon tetrachloride
Concen: 0.44 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.209 min
Lab File: VU043844.D
Acq: 19 May 2021 22:16

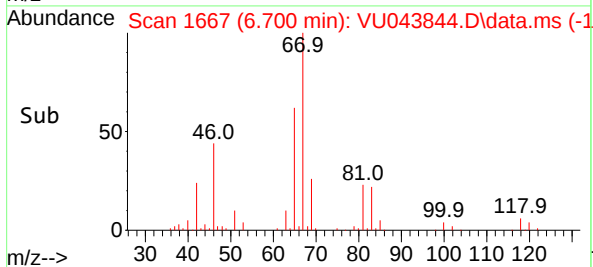
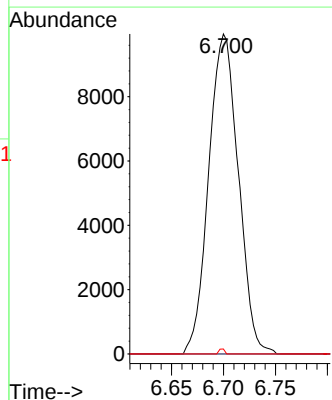
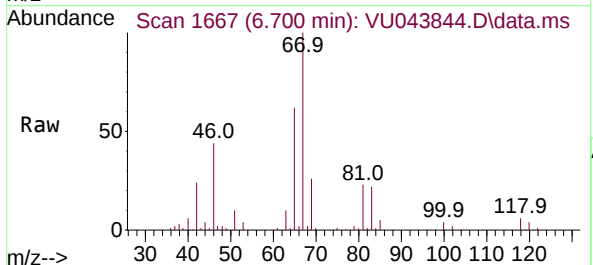
Instrument :
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ClientSampled :
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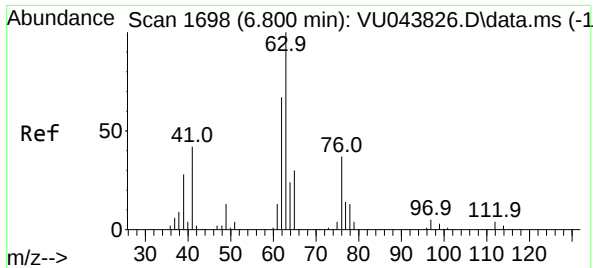
Tgt Ion:117 Resp: 8454
Ion Ratio Lower Upper
117 100
119 94.2 77.4 116.0



#35
Methylcyclohexane
Concen: 0.78 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043844.D
Acq: 19 May 2021 22:16

Tgt Ion: 83 Resp: 19789
Ion Ratio Lower Upper
83 100
55 0.0 64.8 97.2#
98 0.3 35.9 53.9#

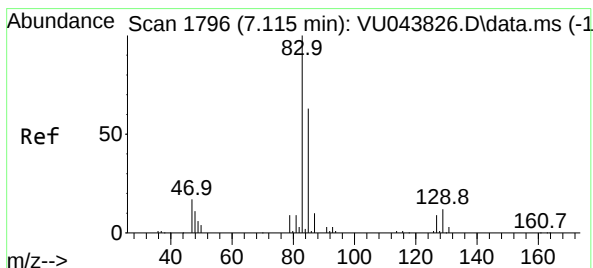
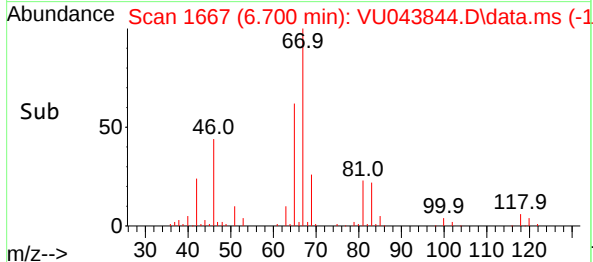
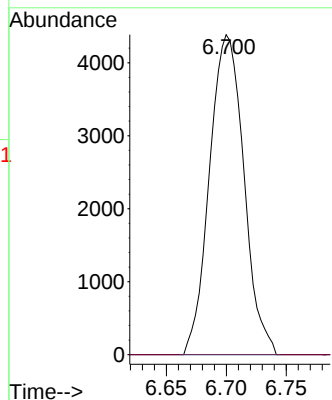
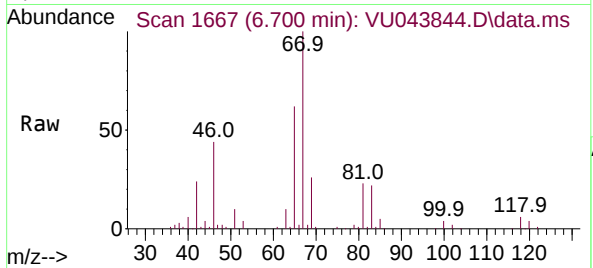




#37
1,2-Dichloropropane
Concen: 0.53 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043844.D
Acq: 19 May 2021 22:16

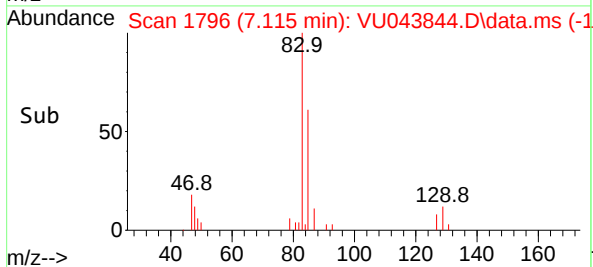
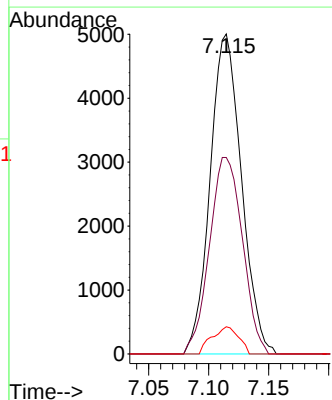
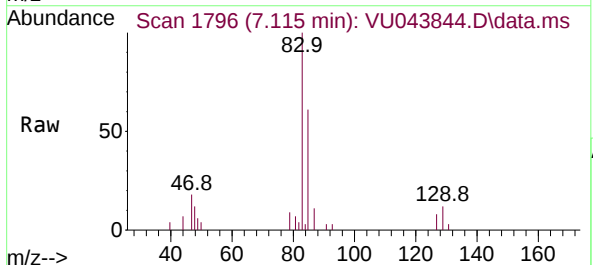
Instrument :
MSVOA_U
ClientSampled :
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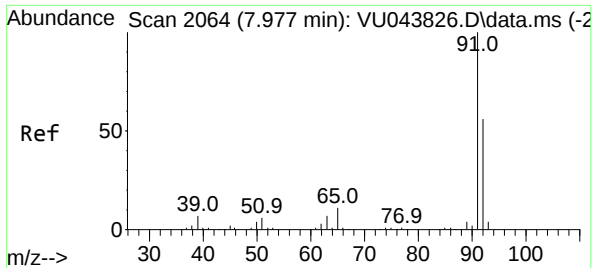
Tgt Ion: 63 Resp: 8738
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#38
Bromodichloromethane
Concen: 0.47 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043844.D
Acq: 19 May 2021 22:16

Tgt Ion: 83 Resp: 9094
Ion Ratio Lower Upper
83 100
85 61.4 44.6 82.8
127 8.5 7.0 10.4

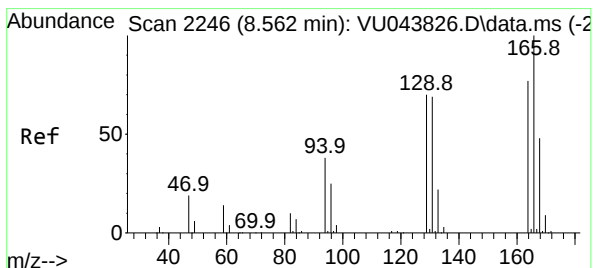
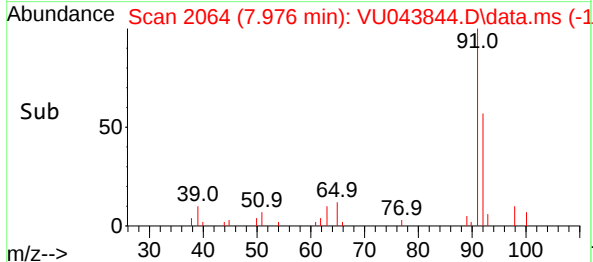
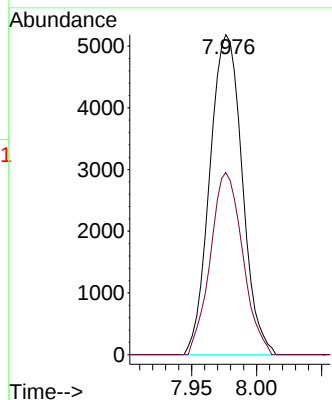
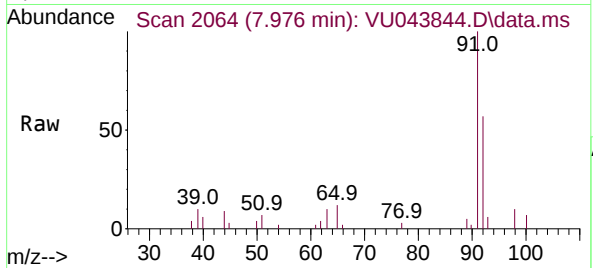




#42
Toluene
Concen: 0.14 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043844.D
Acq: 19 May 2021 22:16

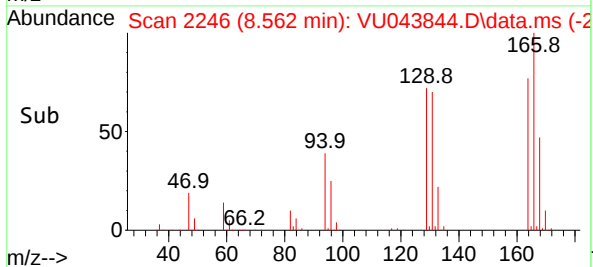
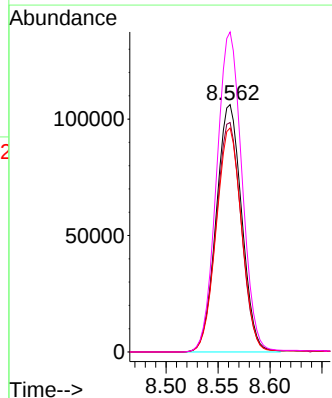
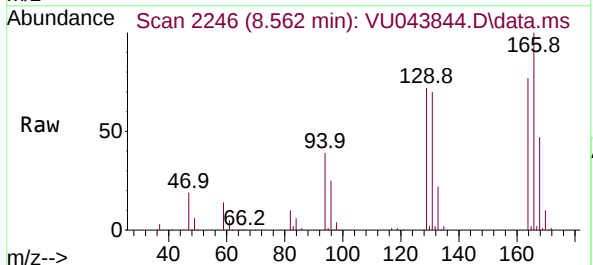
Instrument :
MSVOA_U
ClientSampled :
GB3Z3

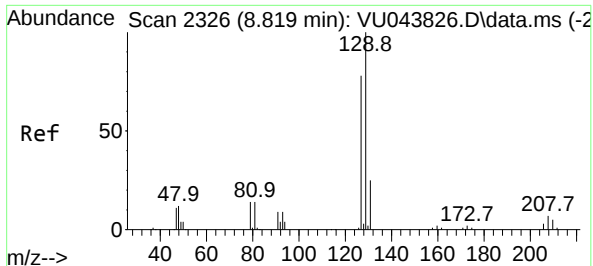
Tgt Ion: 91 Resp: 8980
Ion Ratio Lower Upper
91 100
92 56.9 40.3 74.8



#47
Tetrachloroethene
Concen: 13.83 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043844.D
Acq: 19 May 2021 22:16

Tgt Ion: 164 Resp: 181393
Ion Ratio Lower Upper
164 100
129 92.7 64.1 119.1
131 90.6 61.2 113.8
166 129.3 87.8 163.2

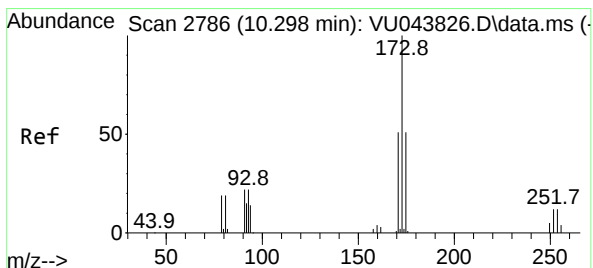
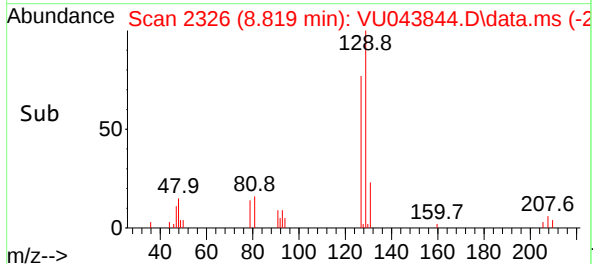
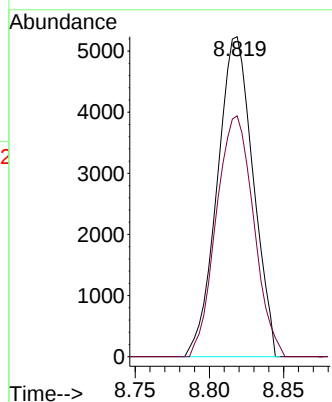
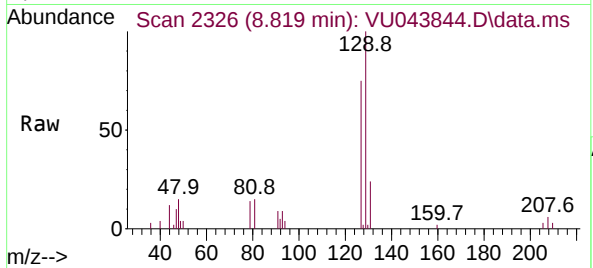




#49
Dibromochloromethane
Concen: 0.66 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU043844.D
Acq: 19 May 2021 22:16

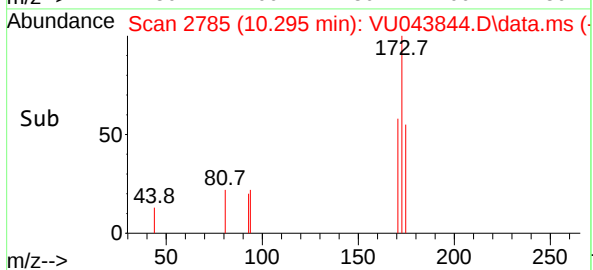
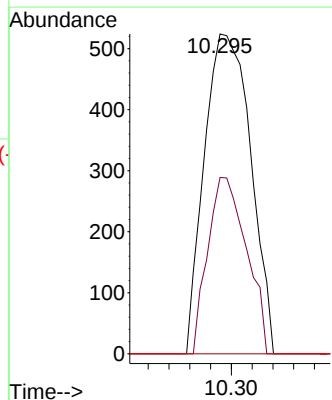
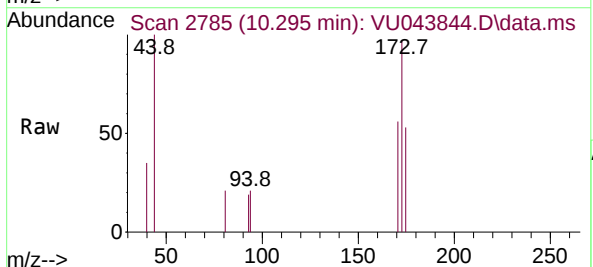
Instrument :
MSVOA_U
ClientSampleId :
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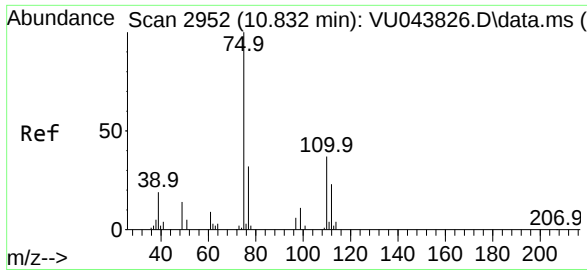
Tgt Ion:129 Resp: 8787
Ion Ratio Lower Upper
129 100
127 75.2 53.4 99.2



#59
Bromoform
Concen: 0.12 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VU043844.D
Acq: 19 May 2021 22:16

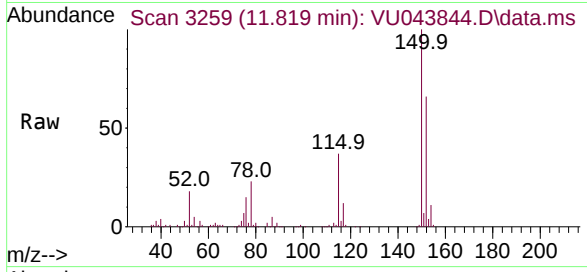
Tgt Ion:173 Resp: 811
Ion Ratio Lower Upper
173 100
175 46.1 38.8 58.2
254 0.0 9.4 14.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.11 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043844.D
 Acq: 19 May 2021 22:16

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3Z3



Tgt Ion:	75	Resp:	10666
Ion	Ratio	Lower	Upper
75	100		
110	2.1	27.9	41.9#
77	29.1	25.9	38.9

