

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
 Data File : VU043771.D
 Acq On : 14 May 2021 21:51
 Operator : SY/MD
 Sample : M2418-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 15 01:20:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 15 00:49:19 2021
 Response via : Initial Calibration

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

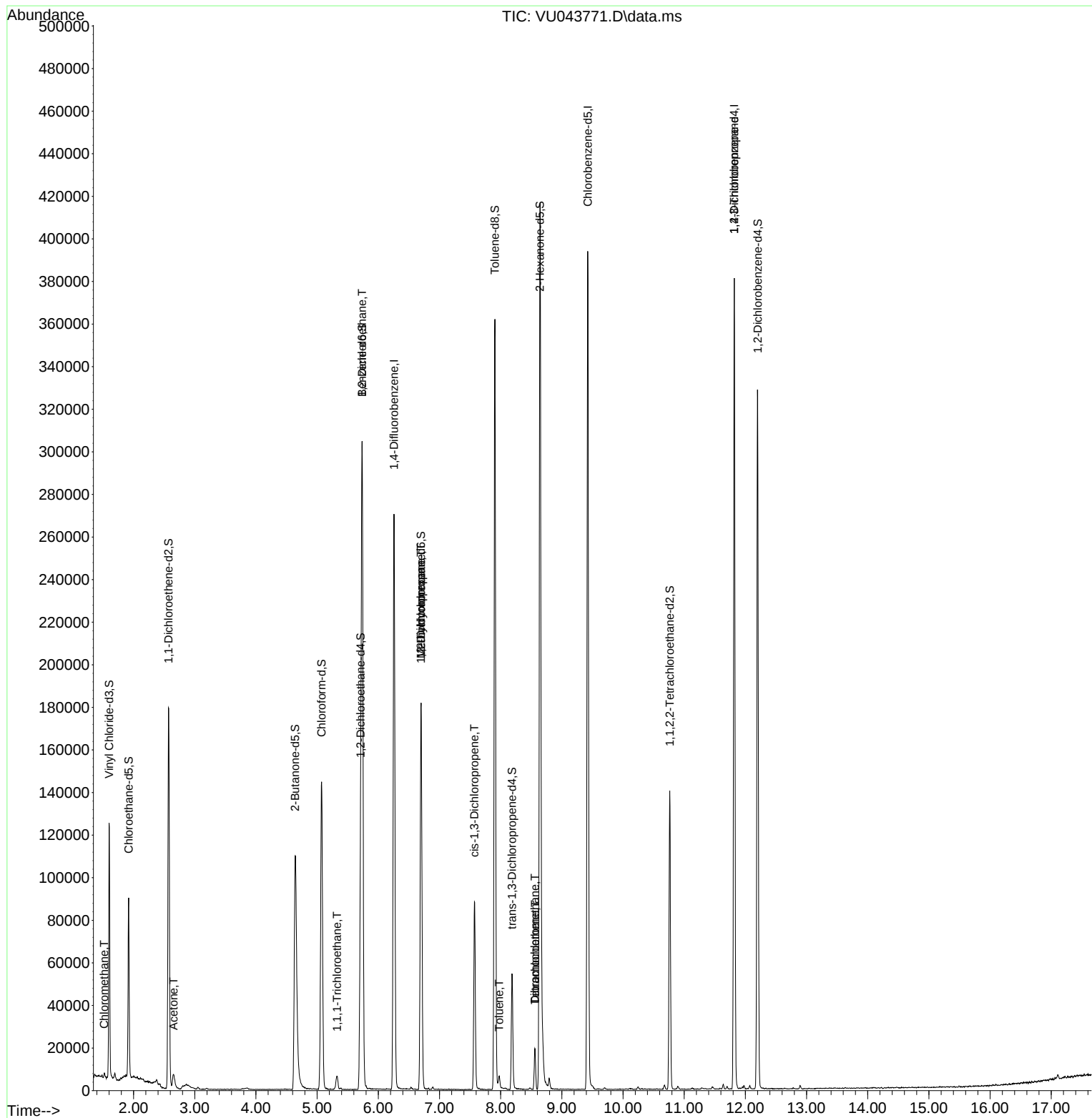
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	222953	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	225429	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	103558	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	83302	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.919	69	59443	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.572	65	34360	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.80%
20) 2-Butanone-d5	4.642	46	196712	62.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.86%
24) Chloroform-d	5.073	84	137281	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.710	65	71583	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.735	84	288614	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.697	67	91380	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.906	98	244144	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloroprop...	8.185	79	30814	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.642	63	147276	48.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.56%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	71400	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	90540	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1852	0.10	ug/L	96
13) Acetone	2.652	43	10445	5.26	ug/L	99
27) 1,2-Dichloroethane	5.735	62	1340	0.08	ug/L #	74
29) 1,1,1-Trichloroethane	5.327	97	4892	0.21	ug/L	95
35) Methylcyclohexane	6.700	83	21282	0.82	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	9425	0.55	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	1965	0.09	ug/L #	65
42) Toluene	7.976	91	4159	0.06	ug/L	90
47) Tetrachloroethene	8.562	164	4432	0.33	ug/L	96
49) Dibromochloromethane	8.558	129	4345	0.32	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	11529	1.17	ug/L #	70

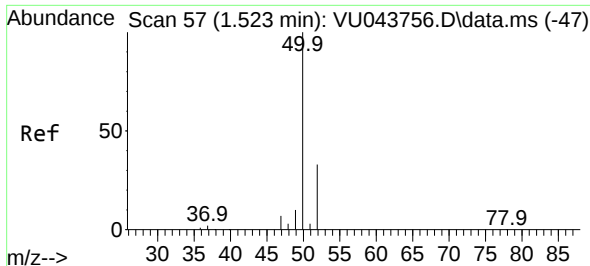
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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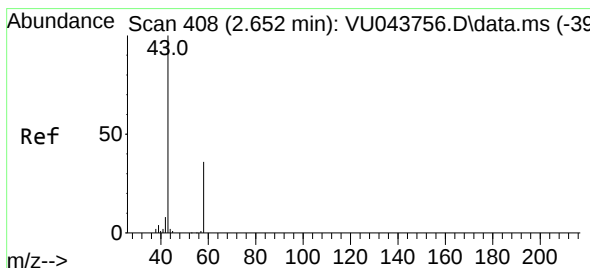
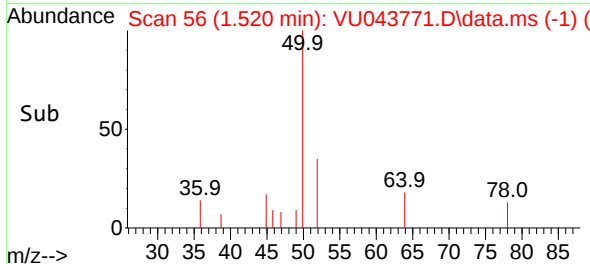
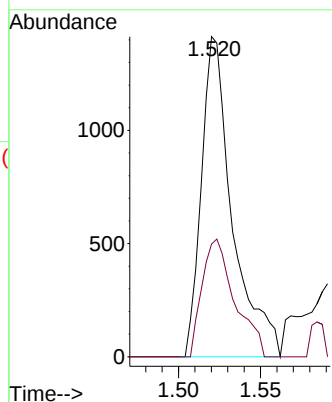
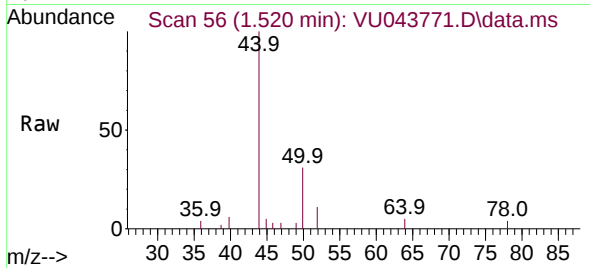




#3
Chloromethane
Concen: 0.10 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043771.D
Acq: 14 May 2021 21:51

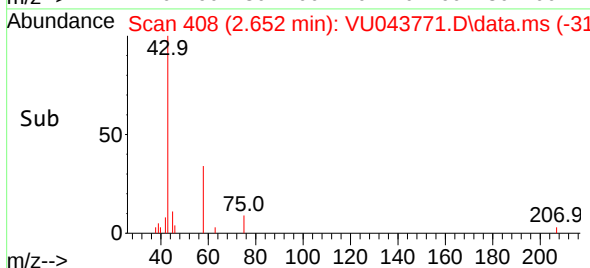
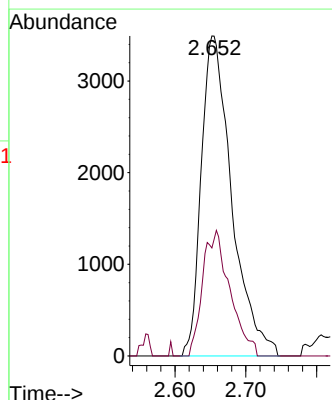
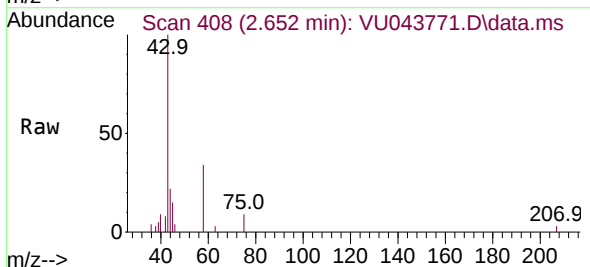
Instrument :
MSVOA_U
ClientSampled :

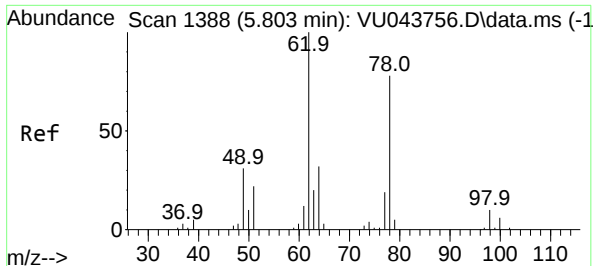
Tgt Ion: 50 Resp: 1852
Ion Ratio Lower Upper
50 100
52 35.2 23.2 43.2



#13
Acetone
Concen: 5.26 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.000 min
Lab File: VU043771.D
Acq: 14 May 2021 21:51

Tgt Ion: 43 Resp: 10445
Ion Ratio Lower Upper
43 100
58 35.1 0.0 71.6

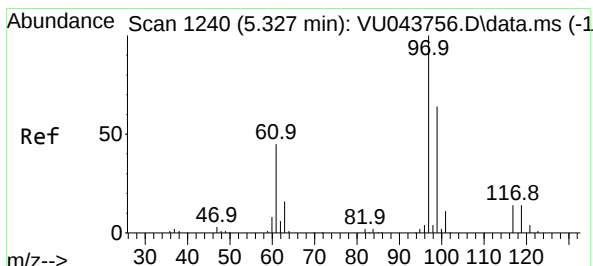
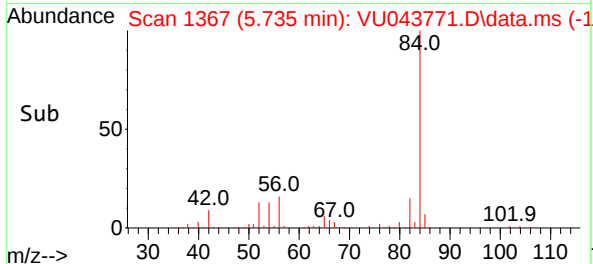
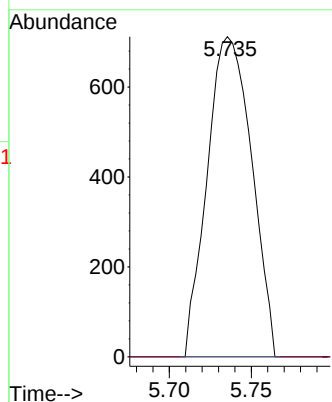
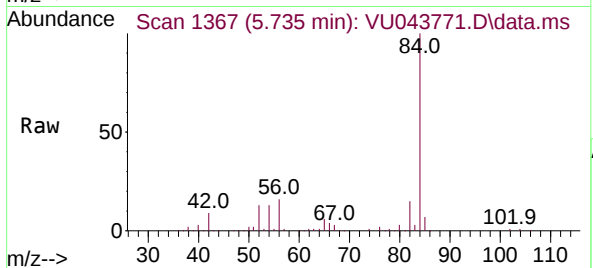




#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU043771.D
Acq: 14 May 2021 21:51

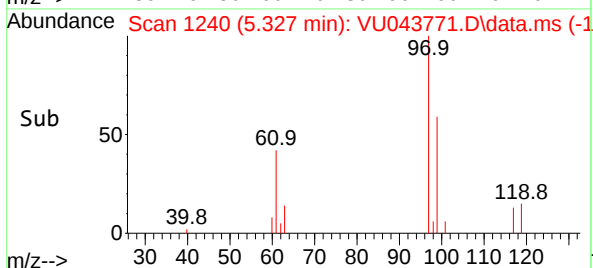
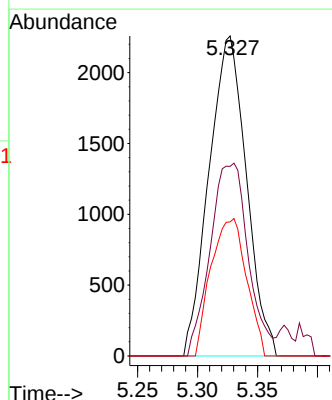
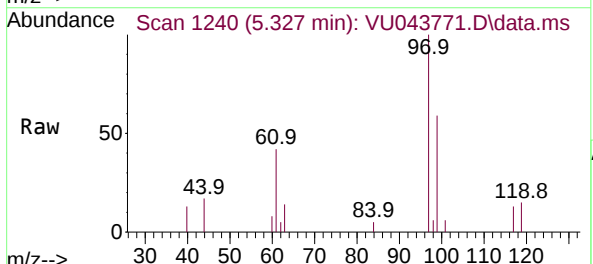
Instrument :
MSVOA_U
ClientSampled :

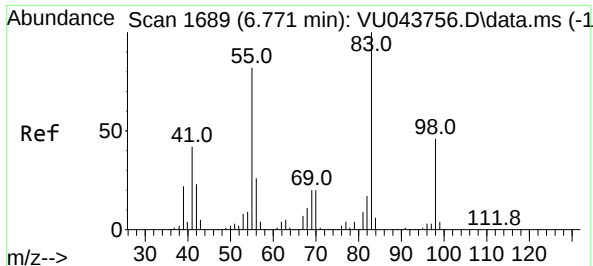
Tgt Ion: 62 Resp: 1340
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#



#29
1,1,1-Trichloroethane
Concen: 0.21 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU043771.D
Acq: 14 May 2021 21:51

Tgt Ion: 97 Resp: 4892
Ion Ratio Lower Upper
97 100
99 61.3 51.1 76.7
61 40.7 37.0 55.4

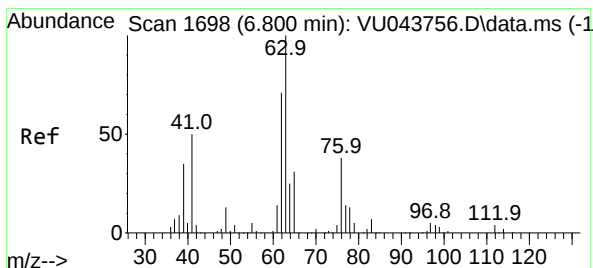
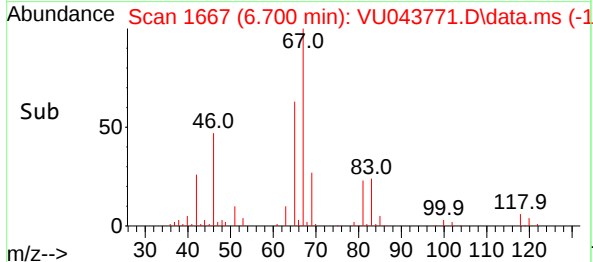
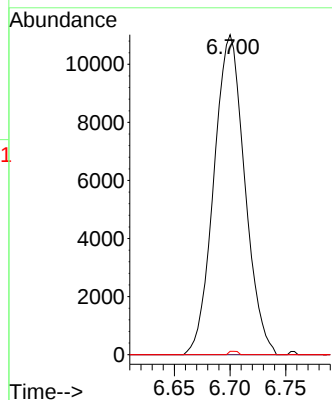
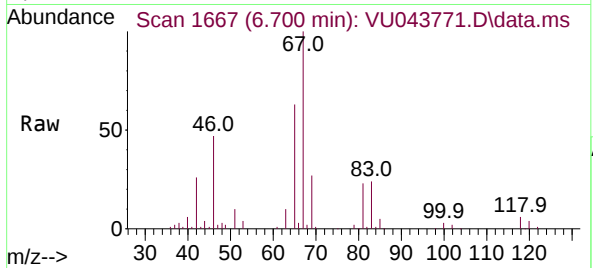




#35
Methylcyclohexane
Concen: 0.82 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043771.D
Acq: 14 May 2021 21:51

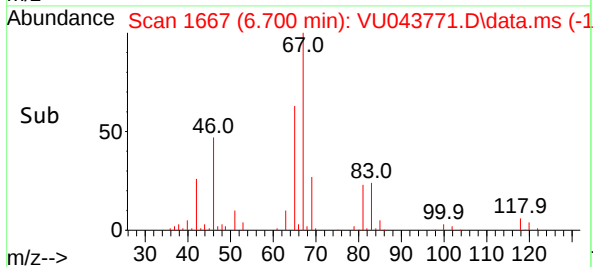
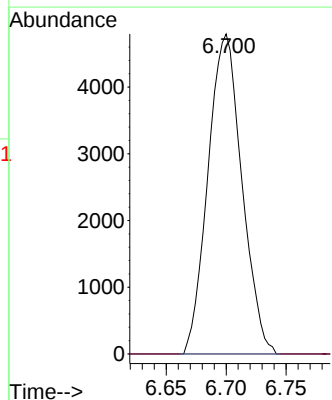
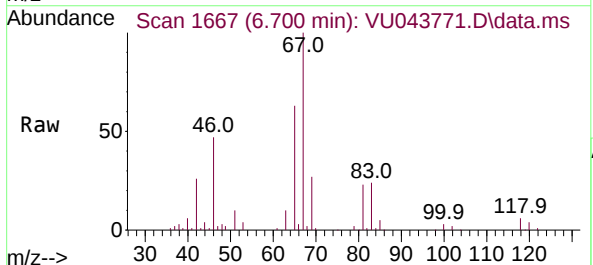
Instrument :
MSVOA_U
ClientSampled :

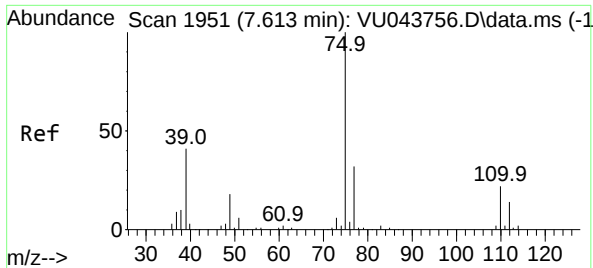
Tgt Ion: 83 Resp: 21282
Ion Ratio Lower Upper
83 100
55 0.0 64.8 97.2#
98 0.3 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.55 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043771.D
Acq: 14 May 2021 21:51

Tgt Ion: 63 Resp: 9425
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

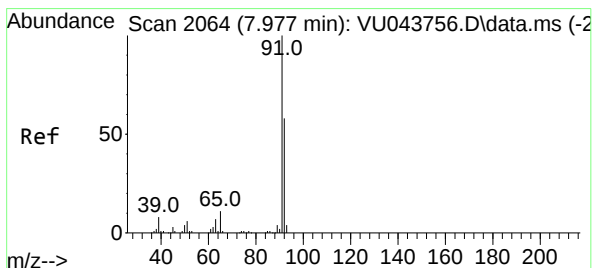
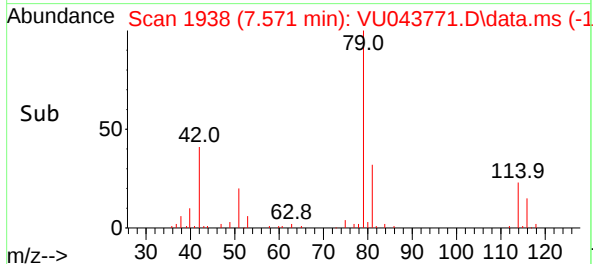
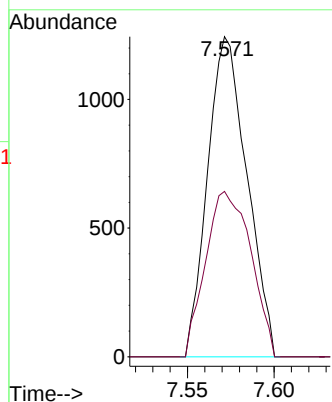
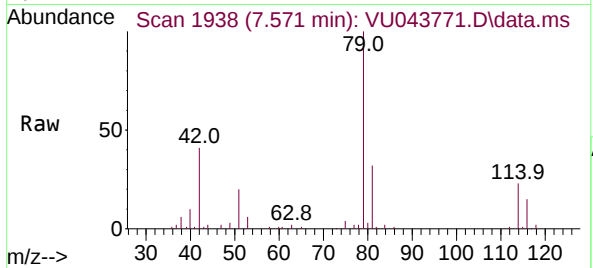




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU043771.D
Acq: 14 May 2021 21:51

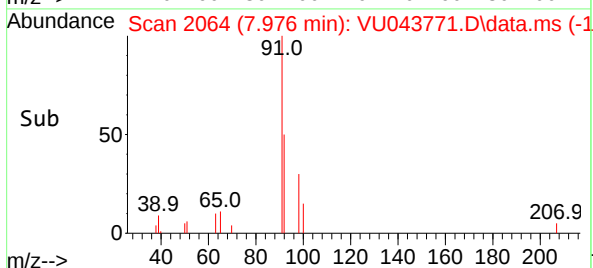
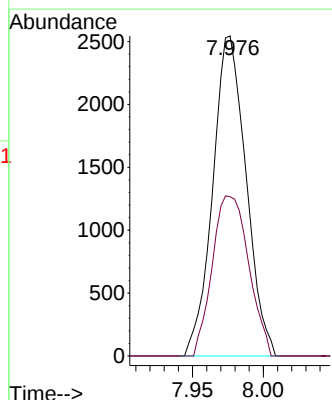
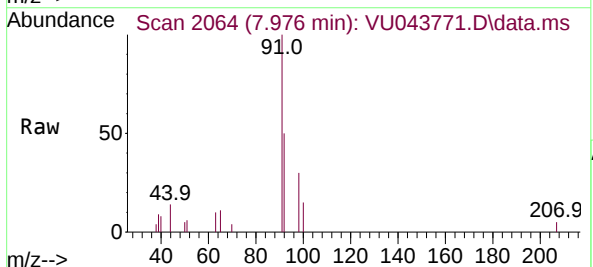
Instrument :
MSVOA_U
ClientSampled :

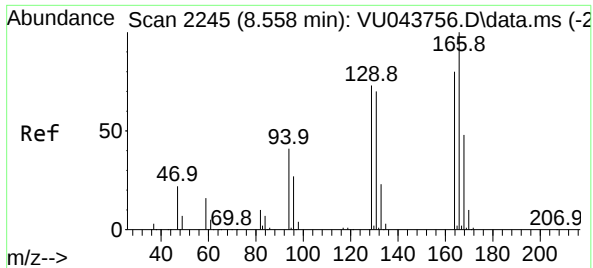
Tgt Ion: 75 Resp: 1965
Ion Ratio Lower Upper
75 100
77 51.7 22.5 41.7#



#42
Toluene
Concen: 0.06 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043771.D
Acq: 14 May 2021 21:51

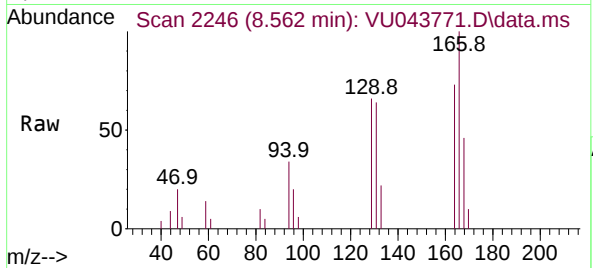
Tgt Ion: 91 Resp: 4159
Ion Ratio Lower Upper
91 100
92 49.8 40.3 74.8



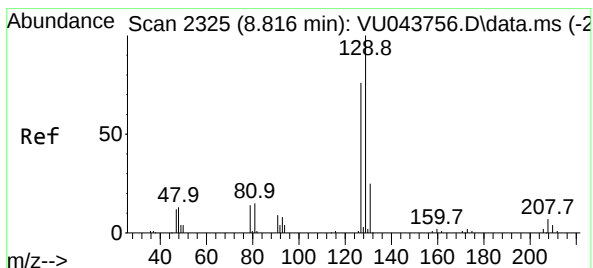
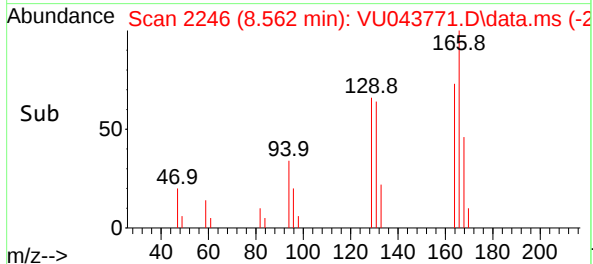
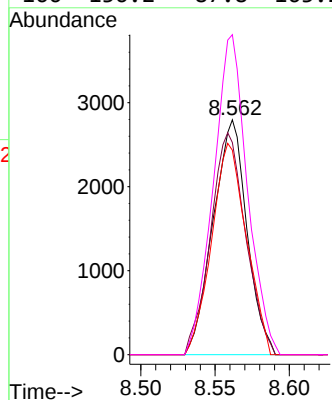


#47
Tetrachloroethene
Concen: 0.33 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043771.D
Acq: 14 May 2021 21:51

Instrument :
MSVOA_U
ClientSampled :

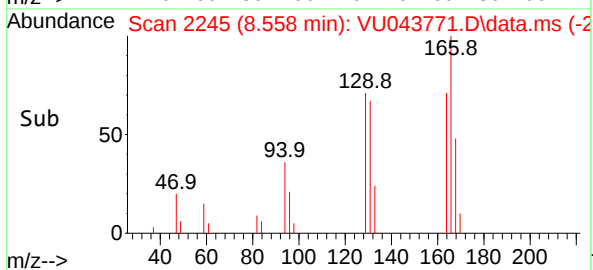
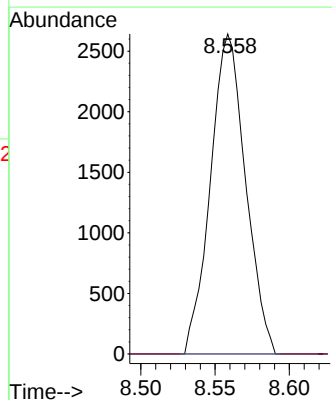
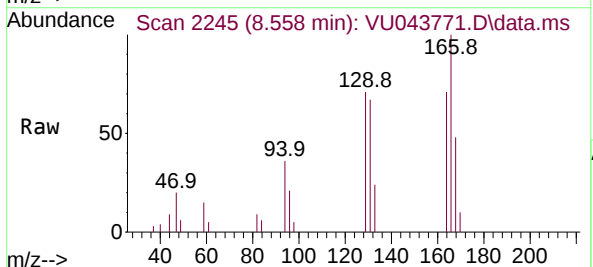


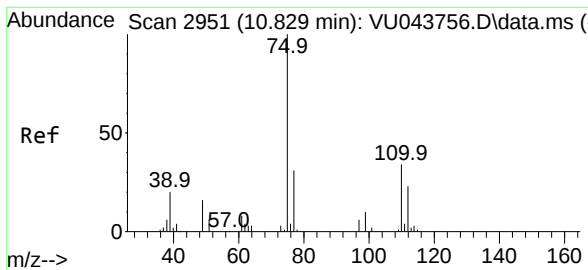
Tgt Ion:164 Resp: 4432
Ion Ratio Lower Upper
164 100
129 90.3 64.1 119.1
131 87.1 61.2 113.8
166 136.2 87.8 163.2



#49
Dibromochloromethane
Concen: 0.32 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.257 min
Lab File: VU043771.D
Acq: 14 May 2021 21:51

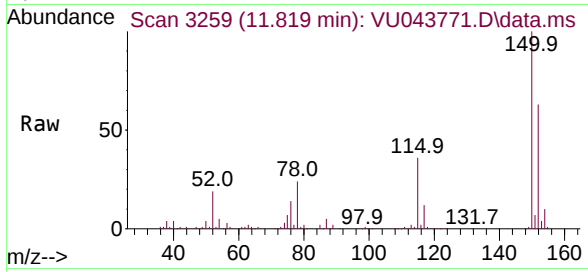
Tgt Ion:129 Resp: 4345
Ion Ratio Lower Upper
129 100
127 0.0 53.4 99.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.17 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.990 min
 Lab File: VU043771.D
 Acq: 14 May 2021 21:51

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 11529
 Ion Ratio Lower Upper
 75 100
 110 2.0 27.9 41.9#
 77 31.7 25.9 38.9

