

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031921\
 Data File : VU042748.D
 Acq On : 20 Mar 2021 02:51
 Operator : SY/MD
 Sample : M1743-22
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZF1

Quant Time: Mar 20 06:49:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 20 06:44:19 2021
 Response via : Initial Calibration

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

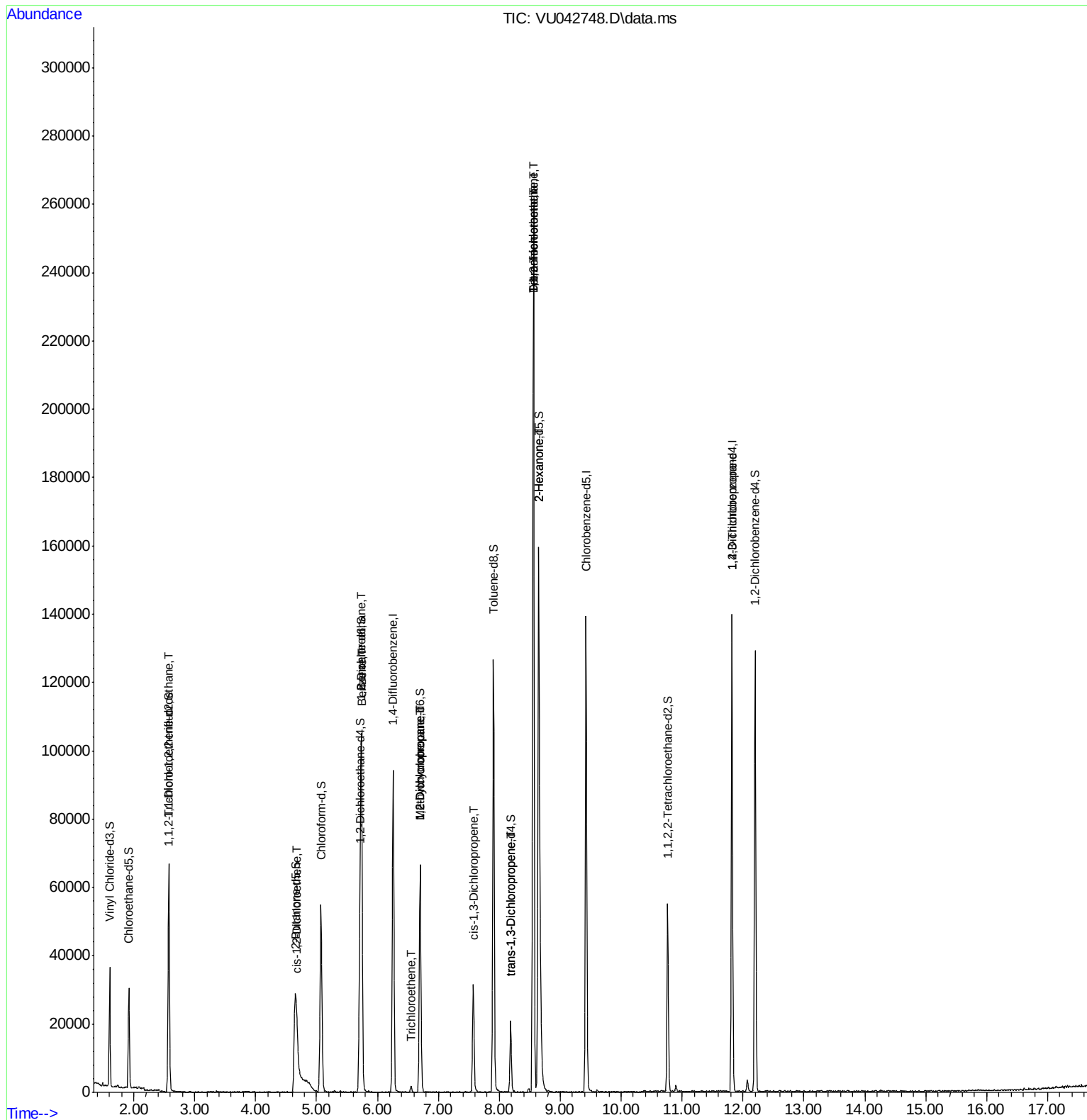
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	71291	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	72508	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	34751	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23931	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.919	69	19569	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.575	63	40783	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	4.652	46	66254	42.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.92%
24) Chloroform-d	5.073	84	48430	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.713	65	30480	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.736	84	85894	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.700	67	28296	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.906	98	78781	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloroprop...	8.186	79	10931	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.645	63	62990	49.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.20%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25396	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	12.201	152	32192	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	258	0.05	ug/L #	18
22) cis-1,2-Dichloroethene	4.678	96	3087	0.55	ug/L	75
27) 1,2-Dichloroethane	5.729	62	736	0.09	ug/L #	75
33) Benzene	5.739	78	691	0.03	ug/L	100
34) Trichloroethene	6.555	95	612	0.10	ug/L #	81
35) Methylcyclohexane	6.700	83	6907	0.72	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3380	0.55	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	898	0.10	ug/L #	43
44) trans-1,3-Dichloropropene	8.186	75	491	0.06	ug/L #	81
45) 1,1,2-Trichloroethane	8.559	97	409	0.09	ug/L #	1
47) Tetrachloroethene	8.559	164	54914	10.71	ug/L	98
48) 2-Hexanone	8.645	43	10361	2.63	ug/L #	70
49) Dibromochloromethane	8.559	129	50325	8.90	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	4278	0.93	ug/L	93

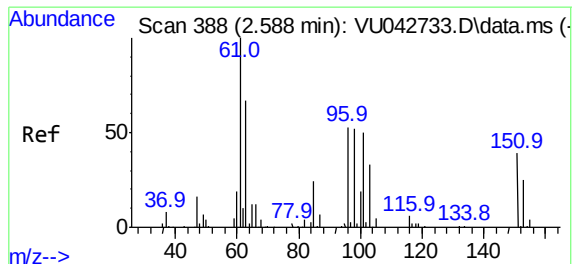
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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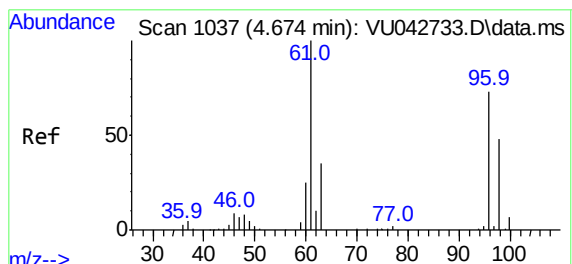
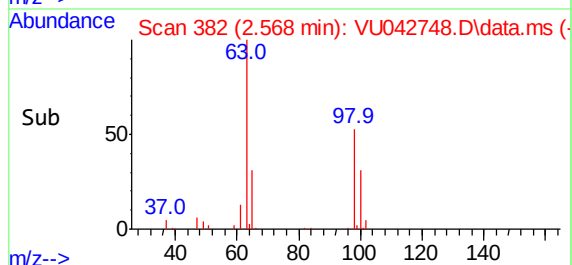
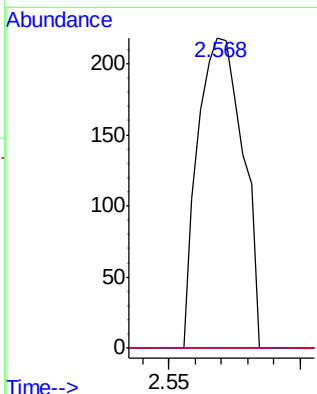
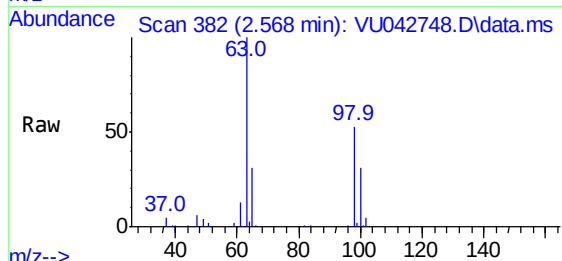




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.05 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.019 min
 Lab File: VU042748.D
 Acq: 20 Mar 2021 02:51

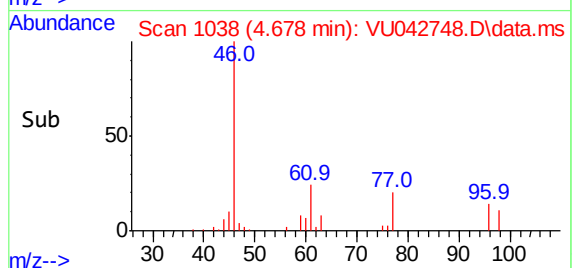
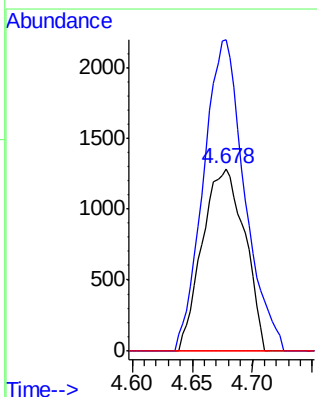
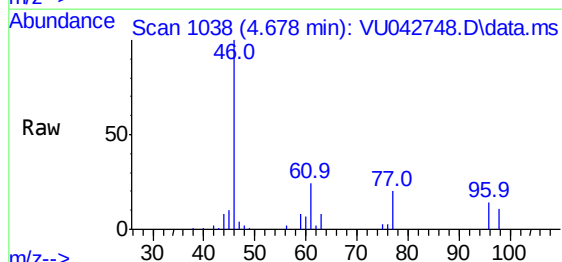
Instrument :
 MSVOA_U
 ClientSampleId :
 ETZF1

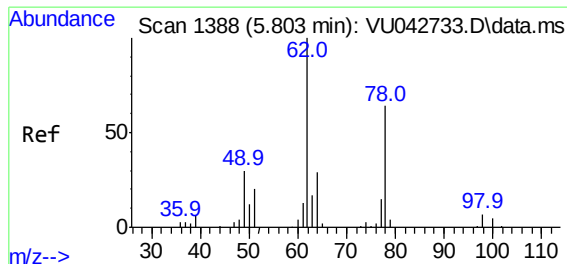
Tgt Ion:101 Resp: 258
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 62.7 94.1#



#22
 cis-1,2-Dichloroethene
 Concen: 0.55 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. 0.003 min
 Lab File: VU042748.D
 Acq: 20 Mar 2021 02:51

Tgt Ion: 96 Resp: 3087
 Ion Ratio Lower Upper
 96 100
 61 170.7 97.8 181.6
 68 0.0 0.0 0.0

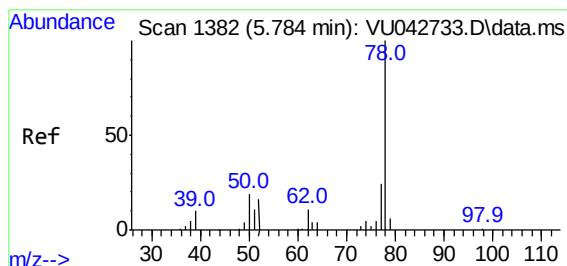
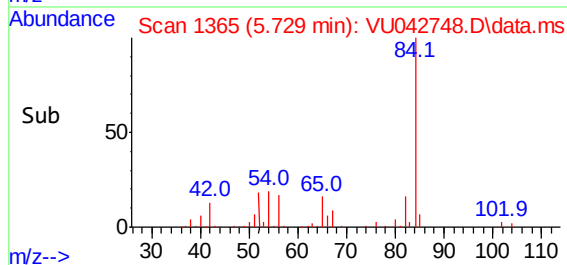
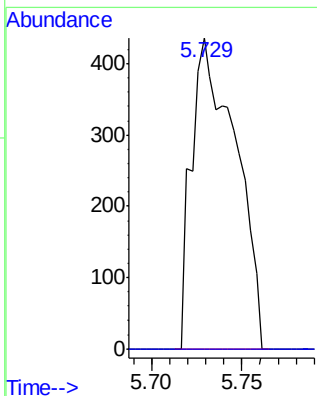
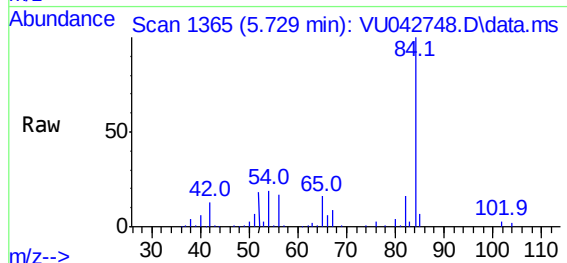




#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.729 min Scan# 1365
Delta R.T. -0.074 min
Lab File: VU042748.D
Acq: 20 Mar 2021 02:51

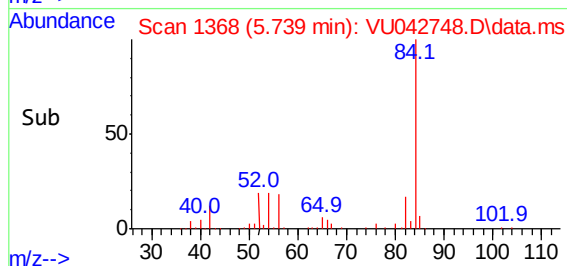
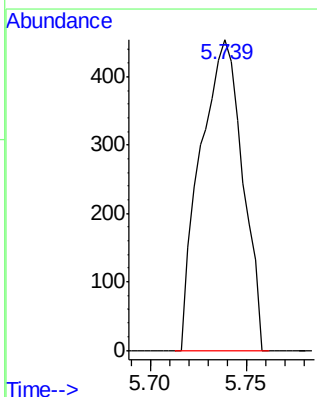
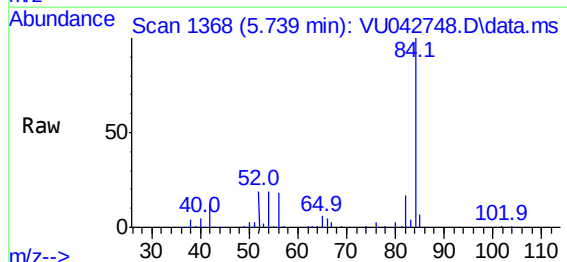
Instrument :
MSVOA_U
ClientSampled :
ETZF1

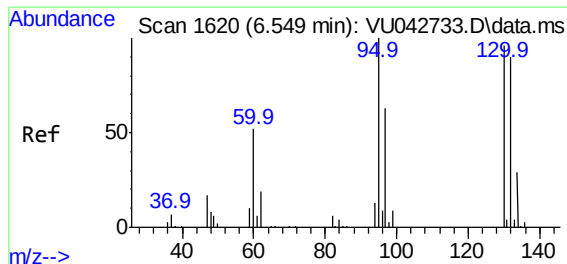
Tgt Ion: 62 Resp: 736
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.03 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.045 min
Lab File: VU042748.D
Acq: 20 Mar 2021 02:51

Tgt Ion: 78 Resp: 691

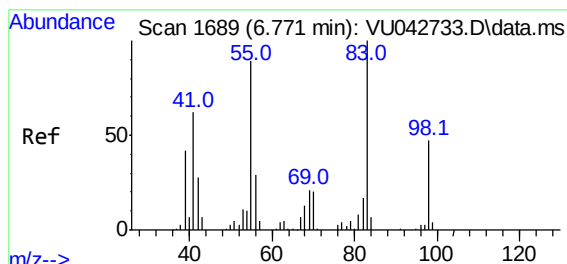
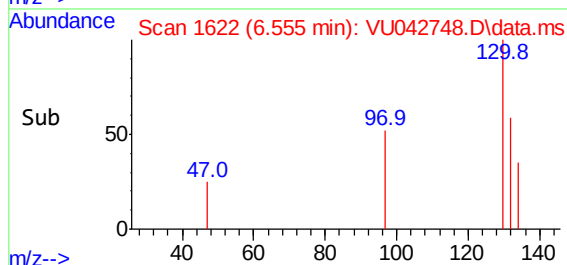
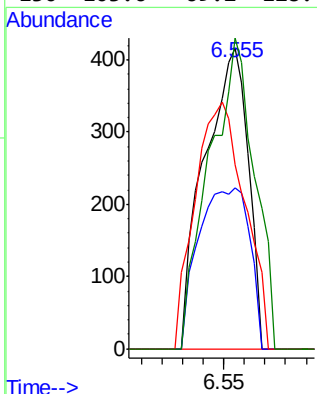
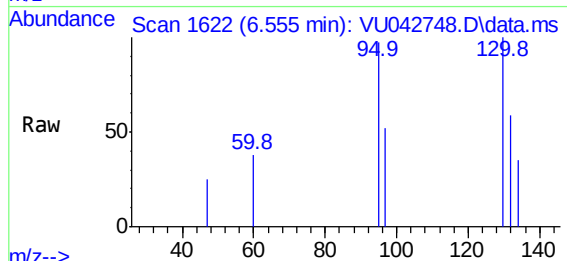




#34
Trichloroethene
Concen: 0.10 ug/L
RT: 6.555 min Scan# 1622
Delta R.T. 0.007 min
Lab File: VU042748.D
Acq: 20 Mar 2021 02:51

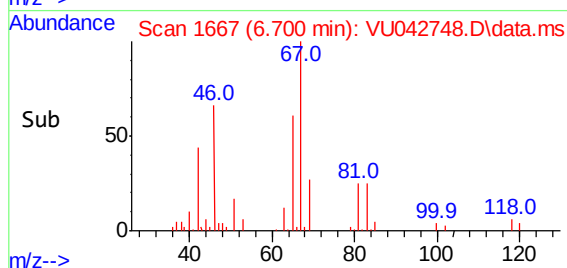
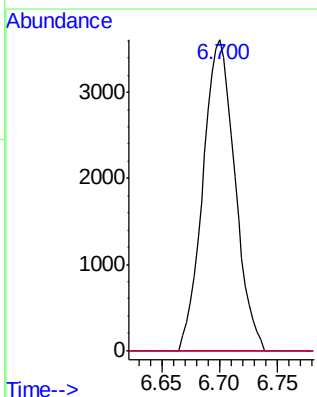
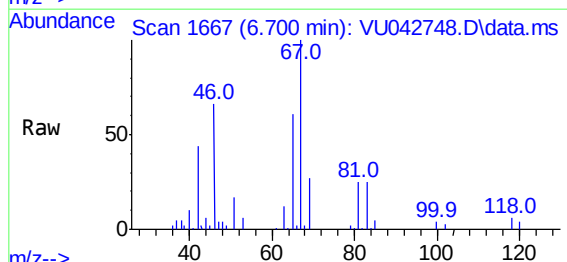
Instrument :
MSVOA_U
ClientSampled :
ETZF1

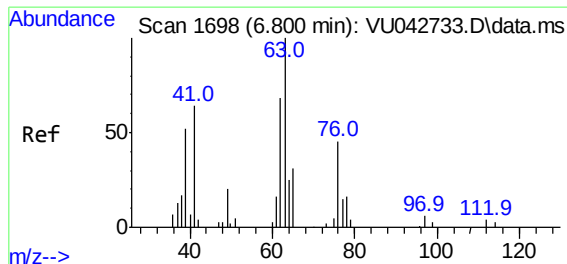
Tgt Ion: 95 Resp: 612
Ion Ratio Lower Upper
95 100
97 53.5 44.4 82.4
132 61.4 68.0 126.4#
130 103.6 69.2 128.4



#35
Methylcyclohexane
Concen: 0.72 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042748.D
Acq: 20 Mar 2021 02:51

Tgt Ion: 83 Resp: 6907
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#

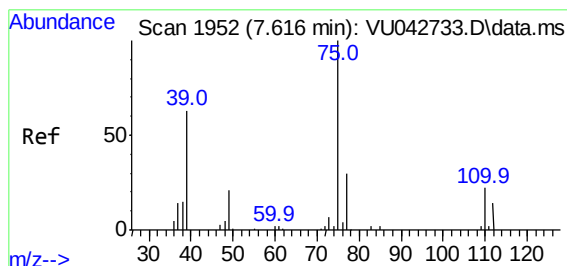
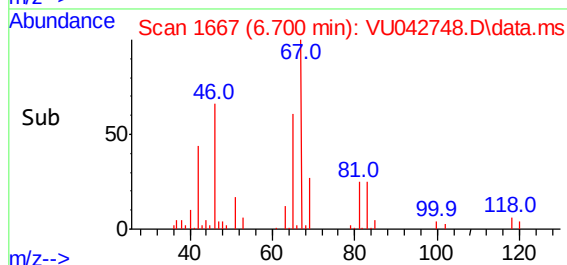
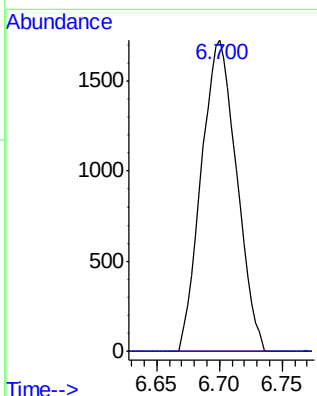
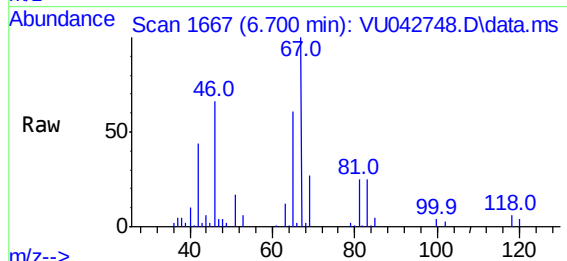




#37
1,2-Dichloropropane
Concen: 0.55 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042748.D
Acq: 20 Mar 2021 02:51

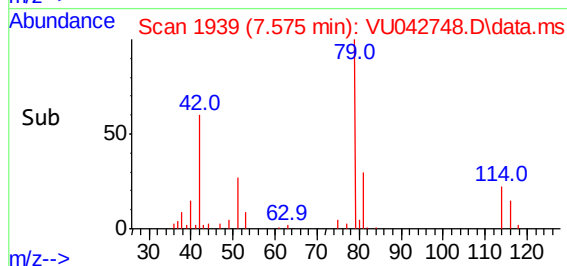
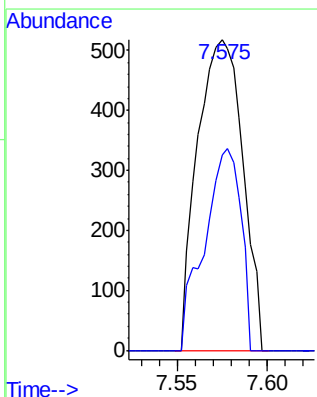
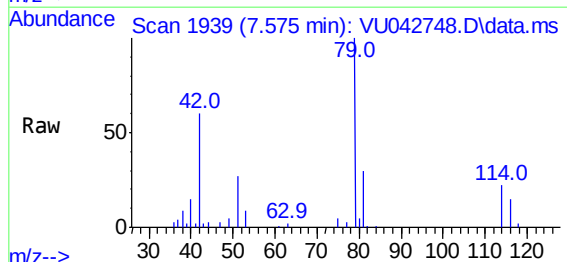
Instrument :
MSVOA_U
ClientSampled :
ETZF1

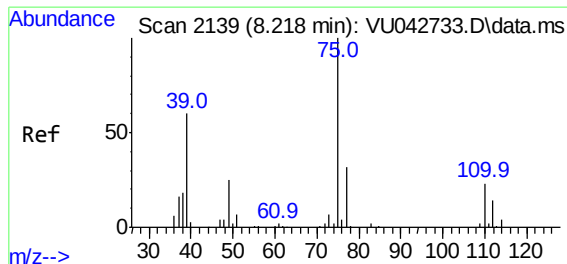
Tgt Ion: 63 Resp: 3380
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042748.D
Acq: 20 Mar 2021 02:51

Tgt Ion: 75 Resp: 898
Ion Ratio Lower Upper
75 100
77 62.9 22.0 40.8#



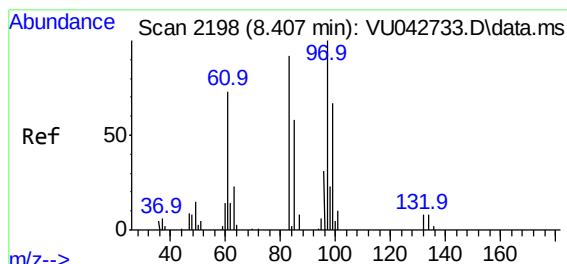
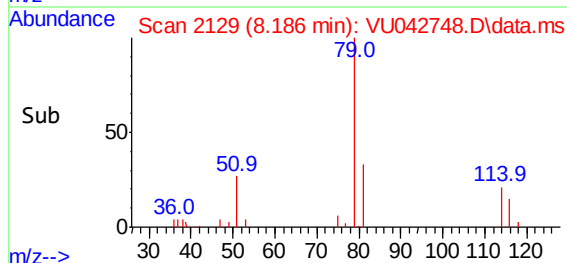
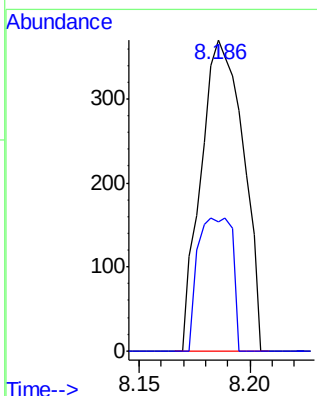
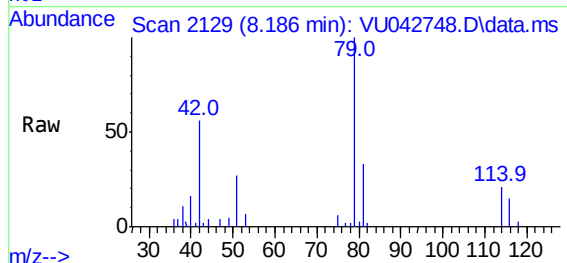


#44

trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042748.D
Acq: 20 Mar 2021 02:51

Instrument :
MSVOA_U
ClientSampleId :
ETZF1

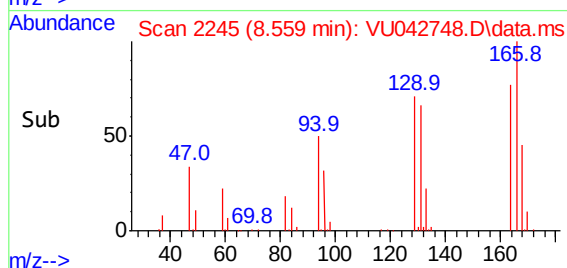
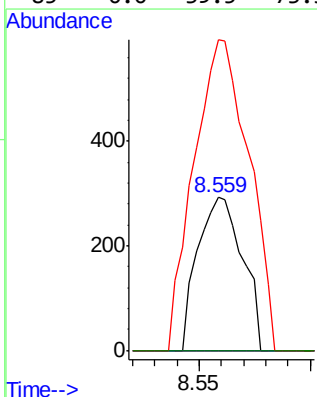
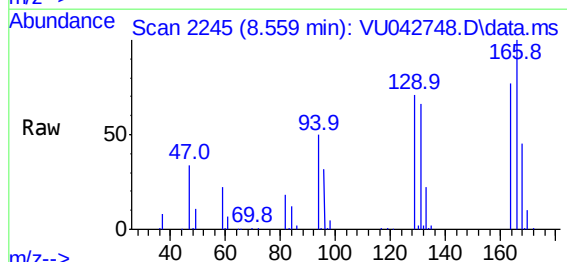
Tgt Ion: 75 Resp: 491
Ion Ratio Lower Upper
75 100
77 41.6 21.8 40.4#

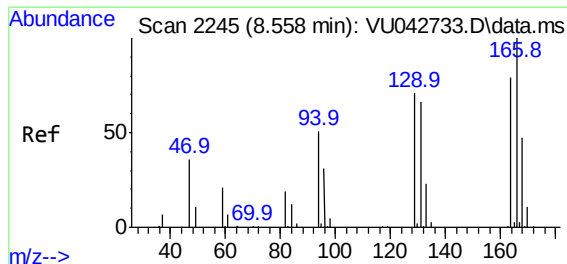


#45

1,1,2-Trichloroethane
Concen: 0.09 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.151 min
Lab File: VU042748.D
Acq: 20 Mar 2021 02:51

Tgt Ion: 97 Resp: 409
Ion Ratio Lower Upper
97 100
99 0.0 44.0 81.8#
83 203.4 57.6 107.0#
85 0.0 39.5 73.3#



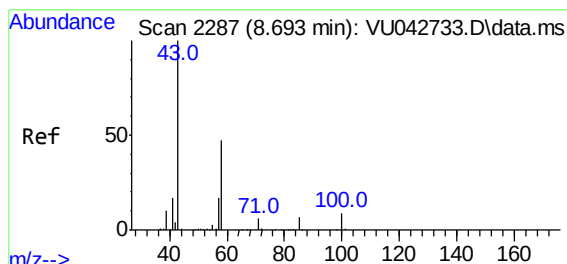
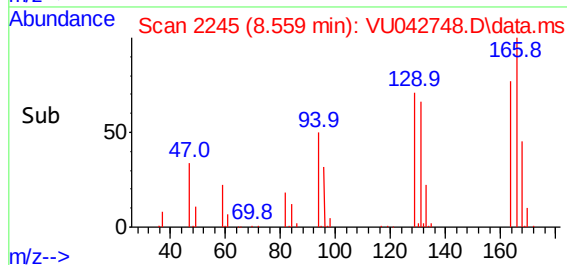
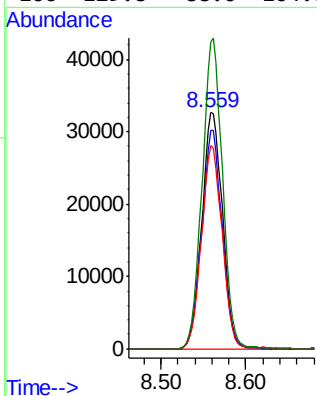
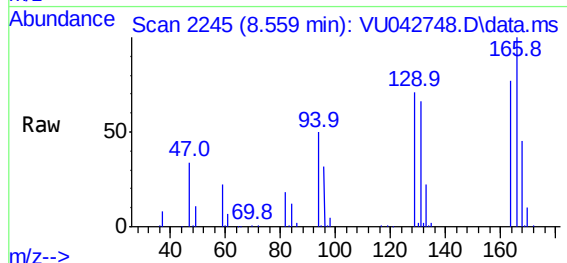


#47
Tetrachloroethene
Concen: 10.71 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU042748.D
Acq: 20 Mar 2021 02:51

Instrument :
MSVOA_U
ClientSampled :
ETZF1

Tgt Ion:164 Resp: 54914

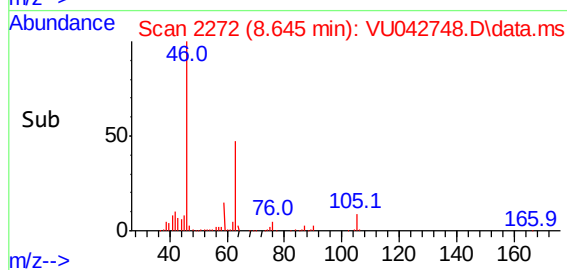
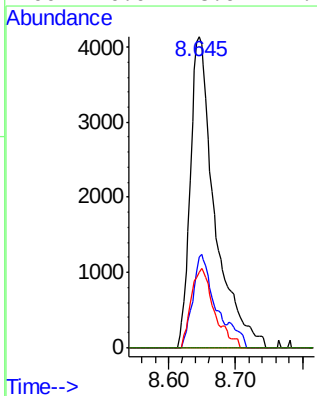
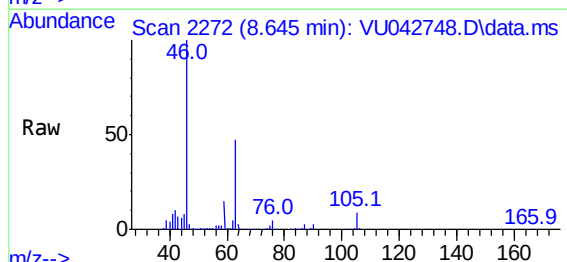
Ion	Ratio	Lower	Upper
164	100		
129	92.5	64.3	119.5
131	85.9	62.2	115.6
166	129.8	88.6	164.6

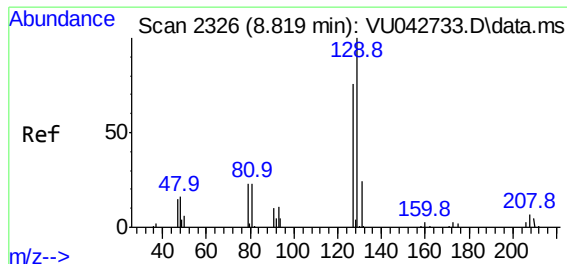


#48
2-Hexanone
Concen: 2.63 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU042748.D
Acq: 20 Mar 2021 02:51

Tgt Ion: 43 Resp: 10361

Ion	Ratio	Lower	Upper
43	100		
58	25.4	40.6	61.0#
57	24.2	14.9	22.3#
100	0.0	8.6	12.8#

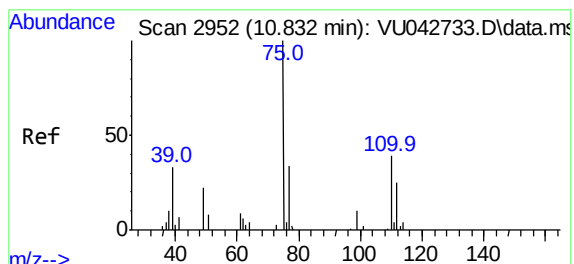
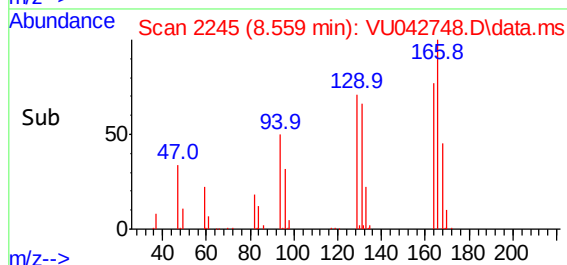
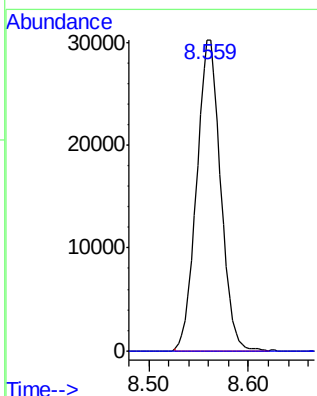
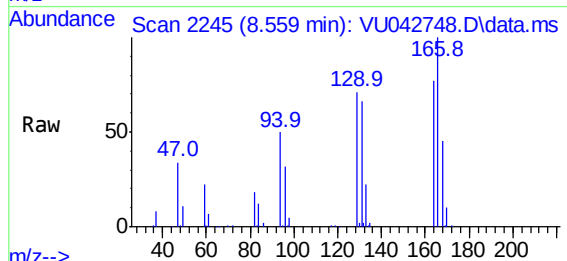




#49
Dibromochloromethane
Concen: 8.90 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU042748.D
Acq: 20 Mar 2021 02:51

Instrument :
MSVOA_U
ClientSampleId :
ETZF1

Tgt Ion:129 Resp: 50325
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 0.93 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042748.D
Acq: 20 Mar 2021 02:51

Tgt Ion: 75 Resp: 4278
Ion Ratio Lower Upper
75 100
77 36.3 26.0 39.0

