

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042029.D
 Acq On : 14 Jan 2021 13:03
 Operator : SY/MD
 Sample : M1027-19DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN7DL

Quant Time: Jan 15 05:23:30 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 05:20:45 2021
 Response via : Initial Calibration

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

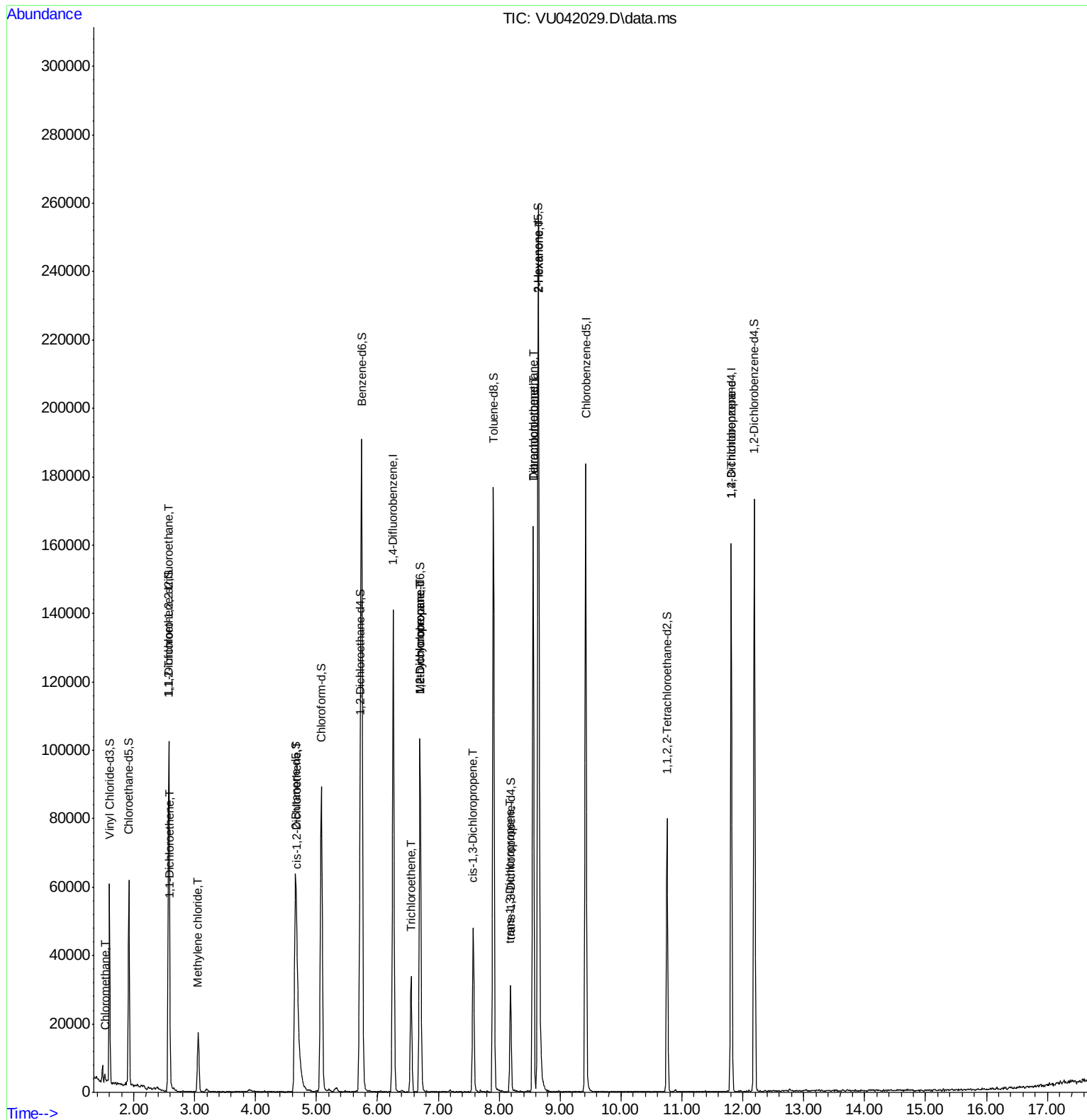
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	112479	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	100206	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	41482	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	38220	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.919	69	40843	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.575	63	61503	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	4.658	46	140565	49.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.70%
24) Chloroform-d	5.079	84	85996	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.716	65	49386	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.742	84	175898	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
36) 1,2-Dichloropropane-d6	6.700	67	50945	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.906	98	118450	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloroprop...	8.185	79	18762	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.642	63	105428	48.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.32%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	40755	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.188	152	45344	5.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.00%
Target Compounds						
3) Chloromethane	1.523	50	1470	0.11	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	539	0.06	ug/L #	21
12) 1,1-Dichloroethene	2.591	96	2671	0.30	ug/L #	1
16) Methylene chloride	3.057	84	8516	0.83	ug/L	95
22) cis-1,2-Dichloroethene	4.674	96	781	0.08	ug/L #	63
34) Trichloroethene	6.552	95	11833	1.28	ug/L	99
35) Methylcyclohexane	6.700	83	12034	0.82	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	5464	0.57	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	1263	0.09	ug/L #	66
44) trans-1,3-Dichloropropene	8.182	75	872	0.07	ug/L #	76
47) Tetrachloroethene	8.558	164	35845	5.97	ug/L	93
48) 2-Hexanone	8.645	43	10965	2.44	ug/L #	71
49) Dibromochloromethane	8.558	129	36194	4.88	ug/L #	11
59) 1,2,3-Trichloropropane	11.809	75	4702	0.74	ug/L	97

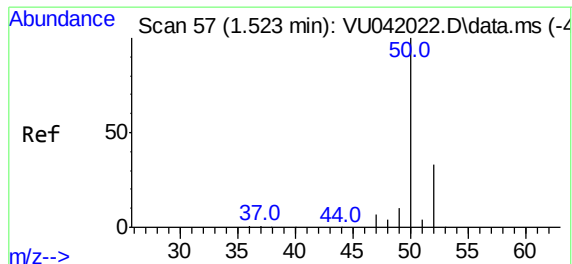
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

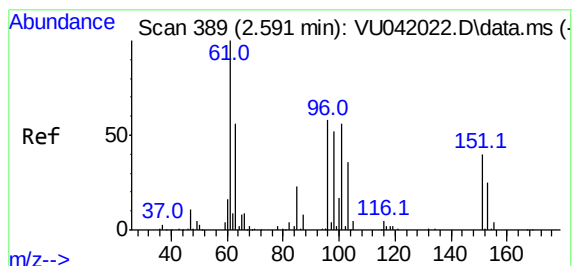
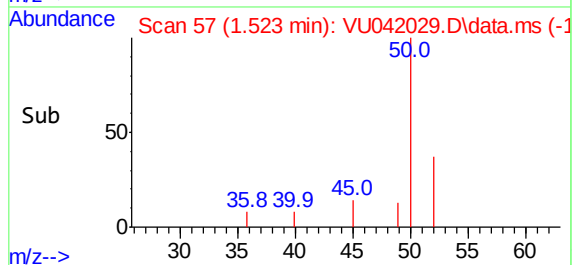
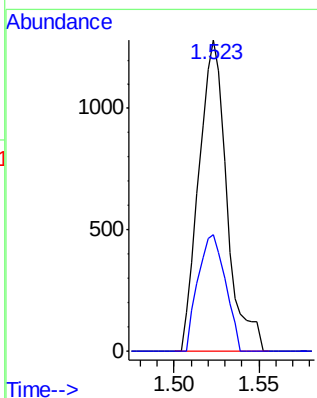
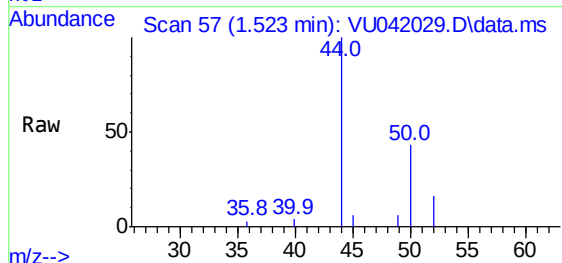




#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042029.D
Acq: 14 Jan 2021 13:03

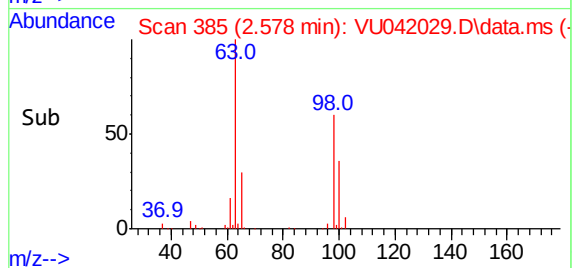
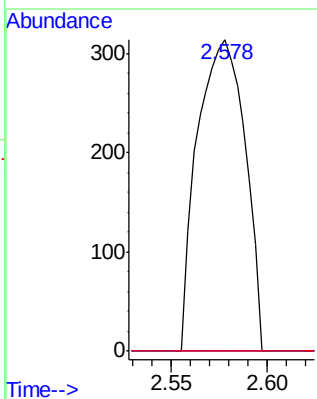
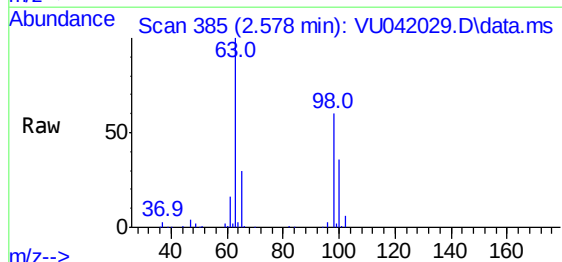
Instrument :
MSVOA_U
ClientSampleId :
BFXN7DL

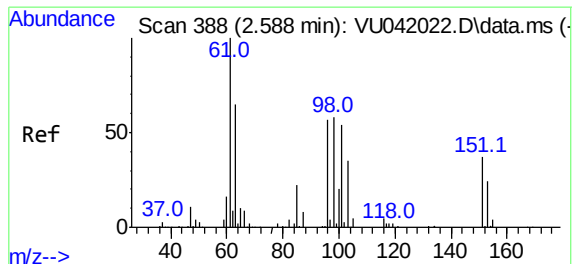
Tgt Ion: 50 Resp: 1470
Ion Ratio Lower Upper
50 100
52 37.2 23.5 43.7



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.013 min
Lab File: VU042029.D
Acq: 14 Jan 2021 13:03

Tgt Ion:101 Resp: 539
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 0.0 55.4 83.2#

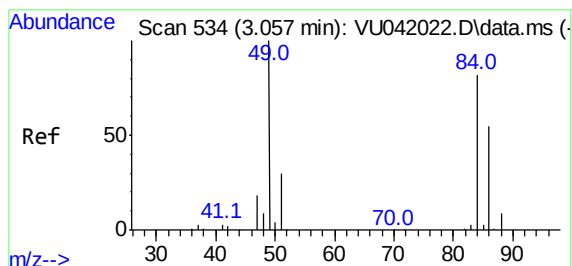
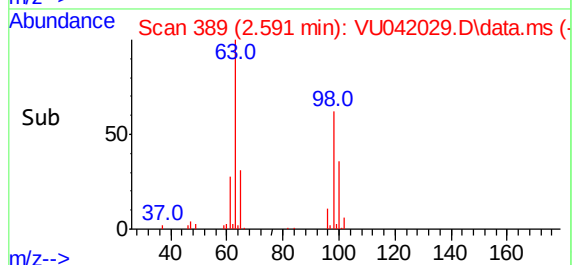
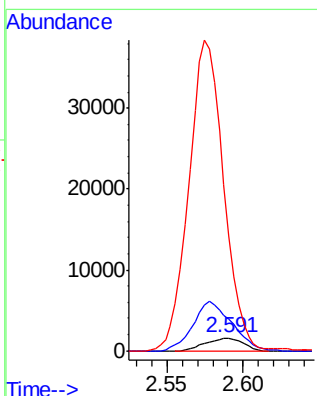
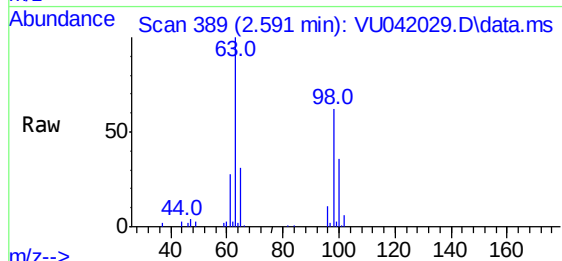




#12
1,1-Dichloroethene
Concen: 0.30 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU042029.D
Acq: 14 Jan 2021 13:03

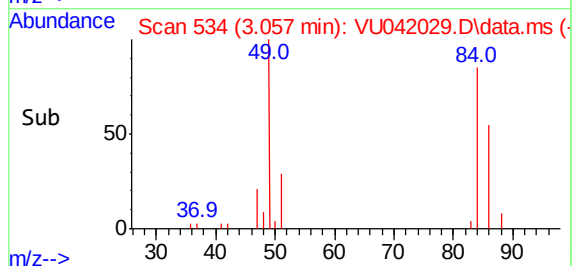
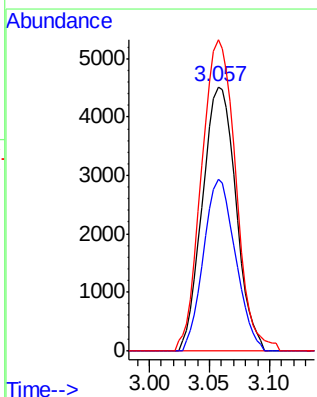
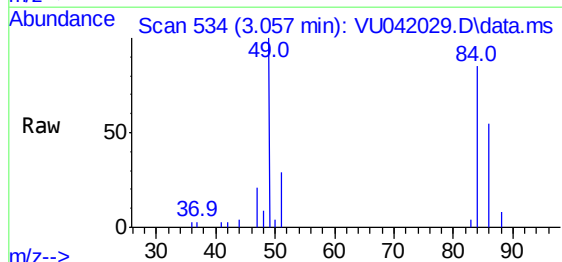
Instrument :
MSVOA_U
ClientSampleId :
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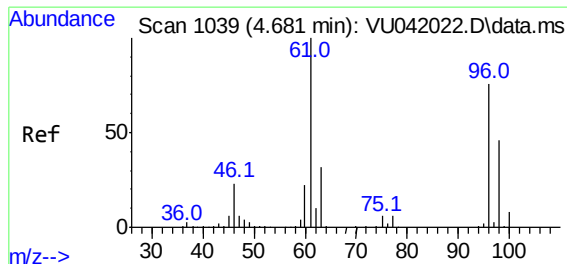
Tgt Ion: 96 Resp: 2671
Ion Ratio Lower Upper
96 100
61 251.1 122.2 226.9#
63 891.3 82.8 153.8#



#16
Methylene chloride
Concen: 0.83 ug/L
RT: 3.057 min Scan# 534
Delta R.T. -0.000 min
Lab File: VU042029.D
Acq: 14 Jan 2021 13:03

Tgt Ion: 84 Resp: 8516
Ion Ratio Lower Upper
84 100
86 64.9 42.6 79.0
49 117.8 86.2 160.0

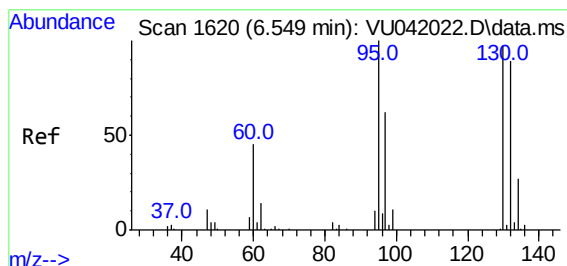
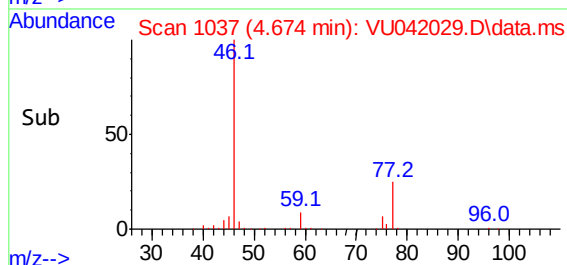
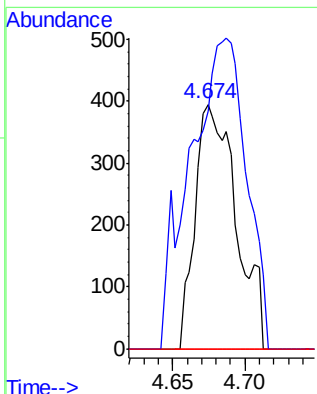
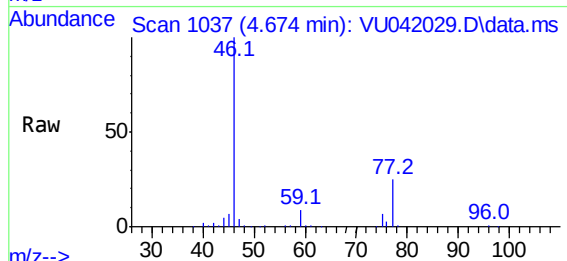




#22
cis-1,2-Dichloroethene
Concen: 0.08 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VU042029.D
Acq: 14 Jan 2021 13:03

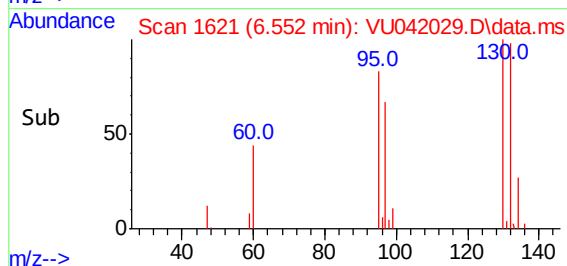
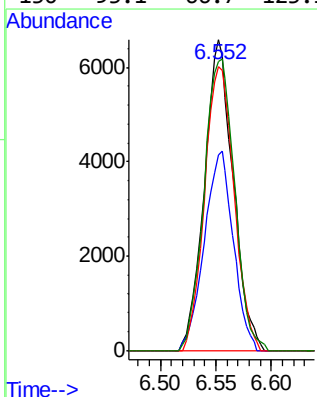
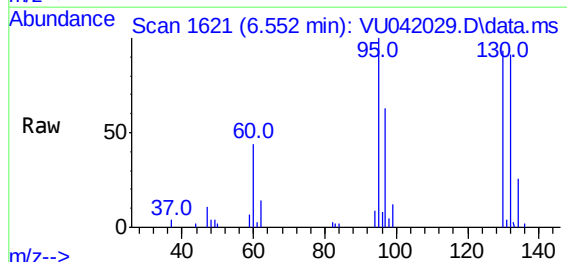
Instrument :
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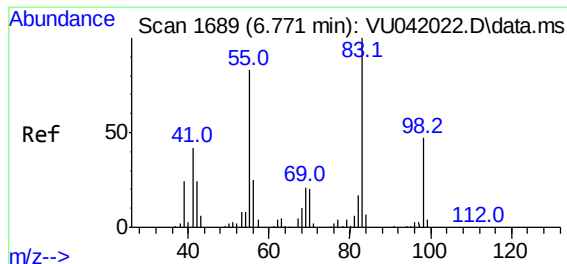
Tgt Ion: 96 Resp: 781
Ion Ratio Lower Upper
96 100
61 97.2 100.3 186.3#
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 1.28 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU042029.D
Acq: 14 Jan 2021 13:03

Tgt Ion: 95 Resp: 11833
Ion Ratio Lower Upper
95 100
97 62.7 43.6 81.0
132 91.3 64.3 119.3
130 93.1 66.7 123.9

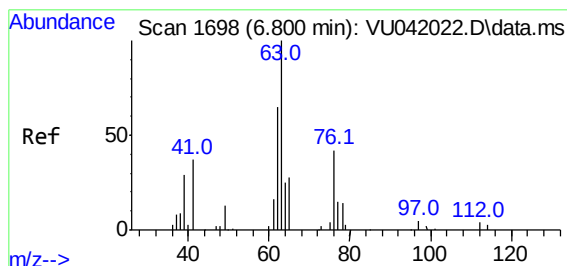
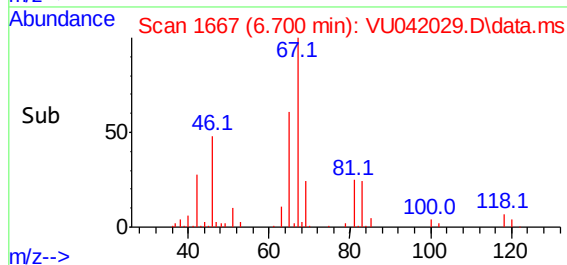
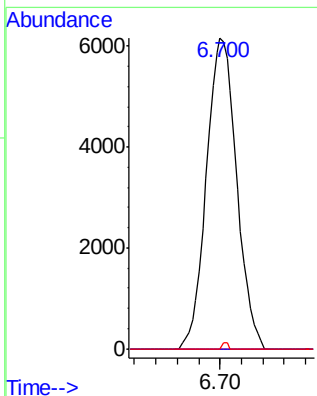
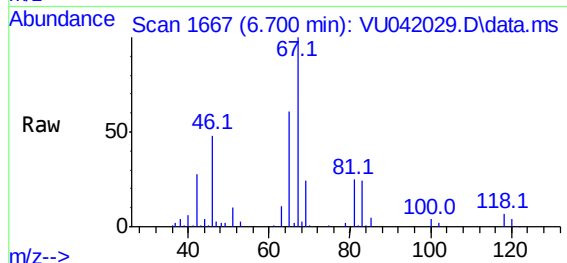




#35
Methylcyclohexane
Concen: 0.82 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042029.D
Acq: 14 Jan 2021 13:03

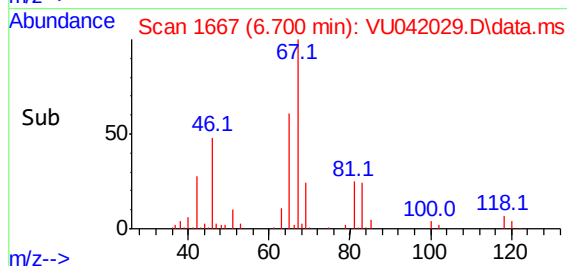
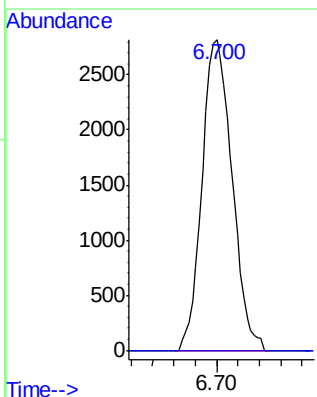
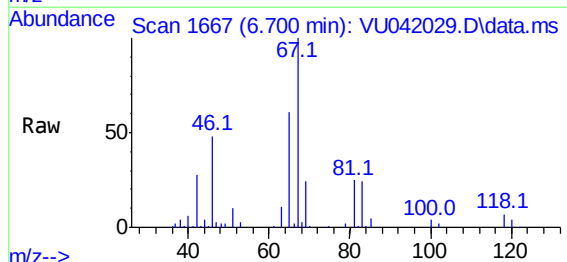
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ClientSampleId :
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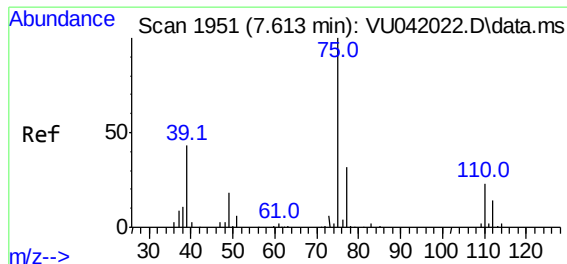
Tgt Ion: 83 Resp: 12034
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 0.3 35.7 53.5#



#37
1,2-Dichloropropane
Concen: 0.57 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042029.D
Acq: 14 Jan 2021 13:03

Tgt Ion: 63 Resp: 5464
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

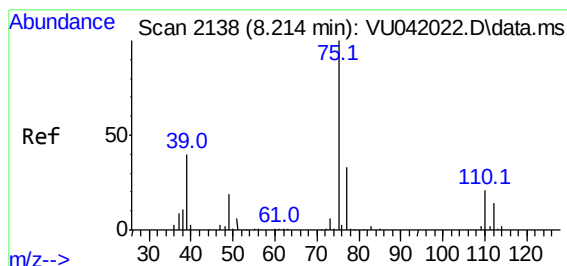
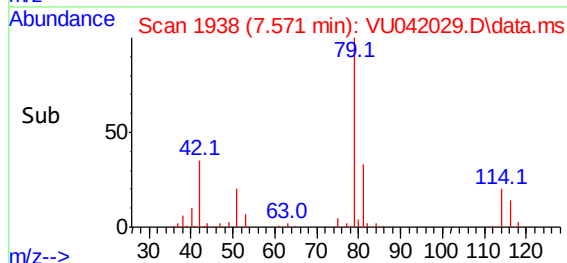
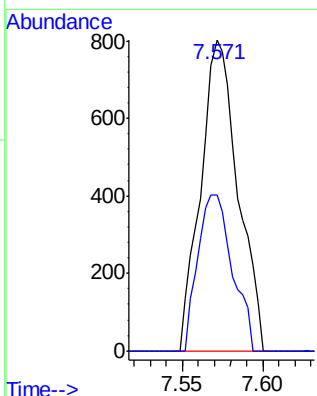
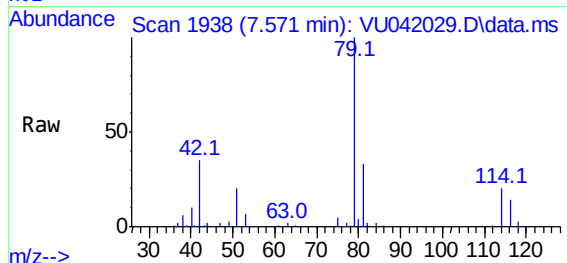




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU042029.D
Acq: 14 Jan 2021 13:03

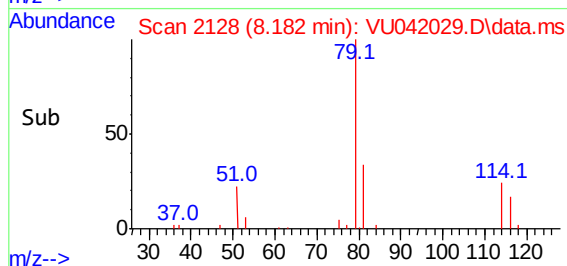
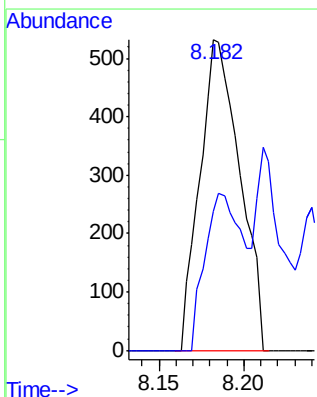
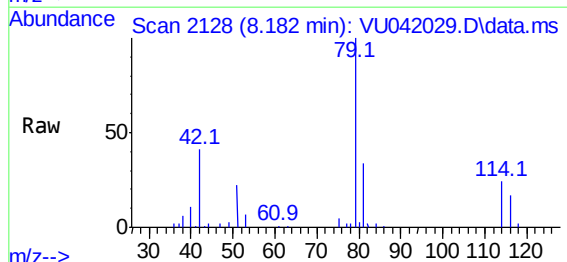
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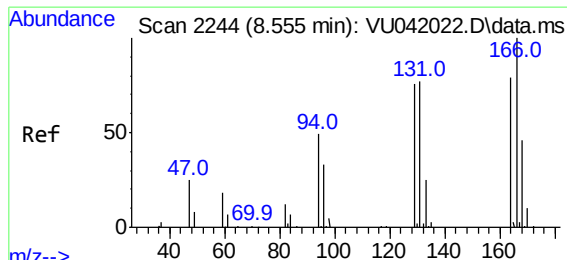
Tgt Ion: 75 Resp: 1263
Ion Ratio Lower Upper
75 100
77 50.0 21.9 40.7#



#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU042029.D
Acq: 14 Jan 2021 13:03

Tgt Ion: 75 Resp: 872
Ion Ratio Lower Upper
75 100
77 44.9 22.0 41.0#

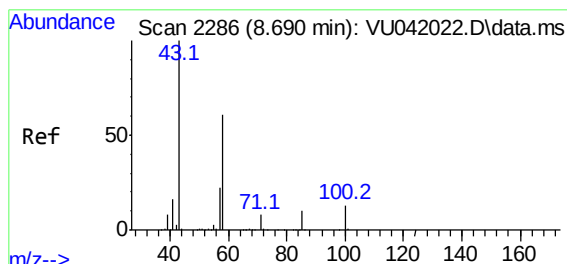
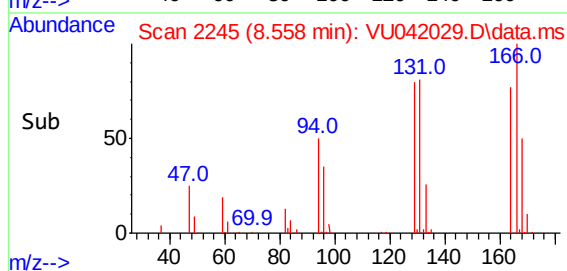
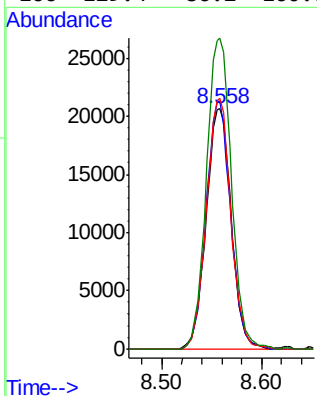
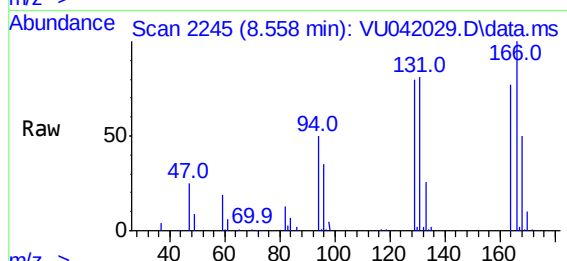




#47
Tetrachloroethene
Concen: 5.97 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042029.D
Acq: 14 Jan 2021 13:03

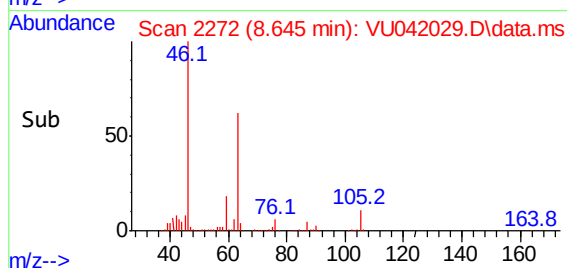
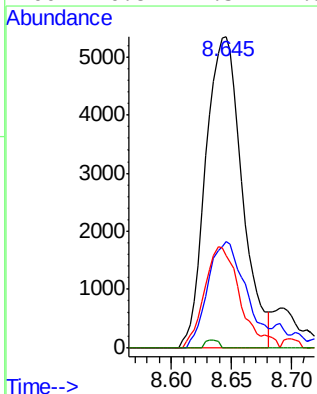
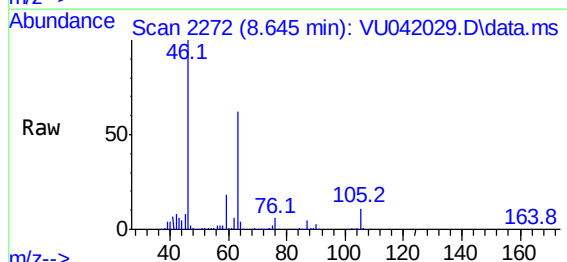
Instrument :
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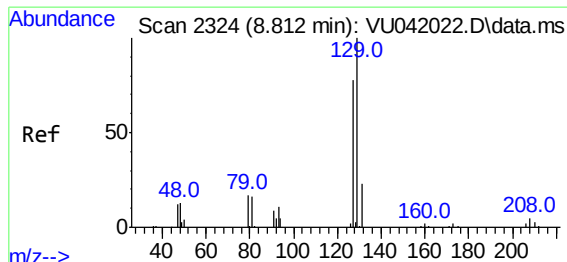
Tgt Ion:164 Resp: 35845
Ion Ratio Lower Upper
164 100
129 103.4 68.7 127.5
131 104.6 65.2 121.0
166 129.4 86.2 160.0



#48
2-Hexanone
Concen: 2.44 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.045 min
Lab File: VU042029.D
Acq: 14 Jan 2021 13:03

Tgt Ion: 43 Resp: 10965
Ion Ratio Lower Upper
43 100
58 36.0 47.8 71.8#
57 31.6 17.4 26.0#
100 0.8 9.5 14.3#

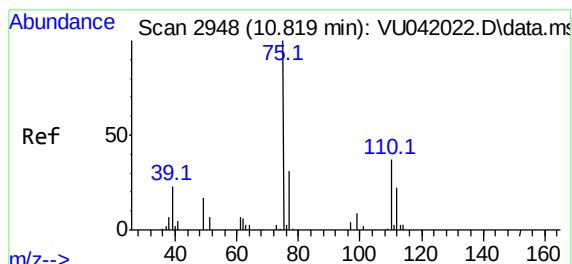
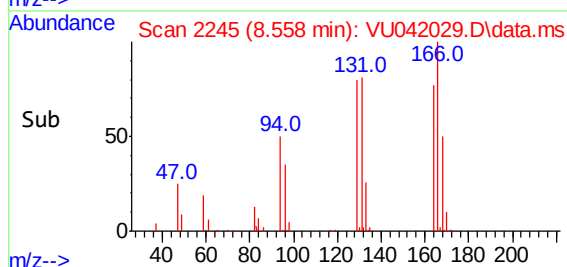
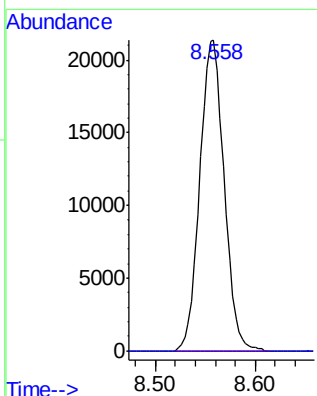
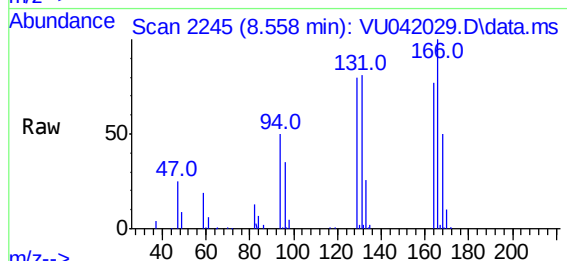




#49
Dibromochloromethane
Concen: 4.88 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.254 min
Lab File: VU042029.D
Acq: 14 Jan 2021 13:03

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:129 Resp: 36194
Ion Ratio Lower Upper
129 100
127 0.0 53.7 99.7#



#59
1,2,3-Trichloropropane
Concen: 0.74 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU042029.D
Acq: 14 Jan 2021 13:03

Tgt Ion: 75 Resp: 4702
Ion Ratio Lower Upper
75 100
77 33.8 25.6 38.4

