

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042026.D
 Acq On : 14 Jan 2021 11:50
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK30

Quant Time: Jan 15 05:22:23 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)

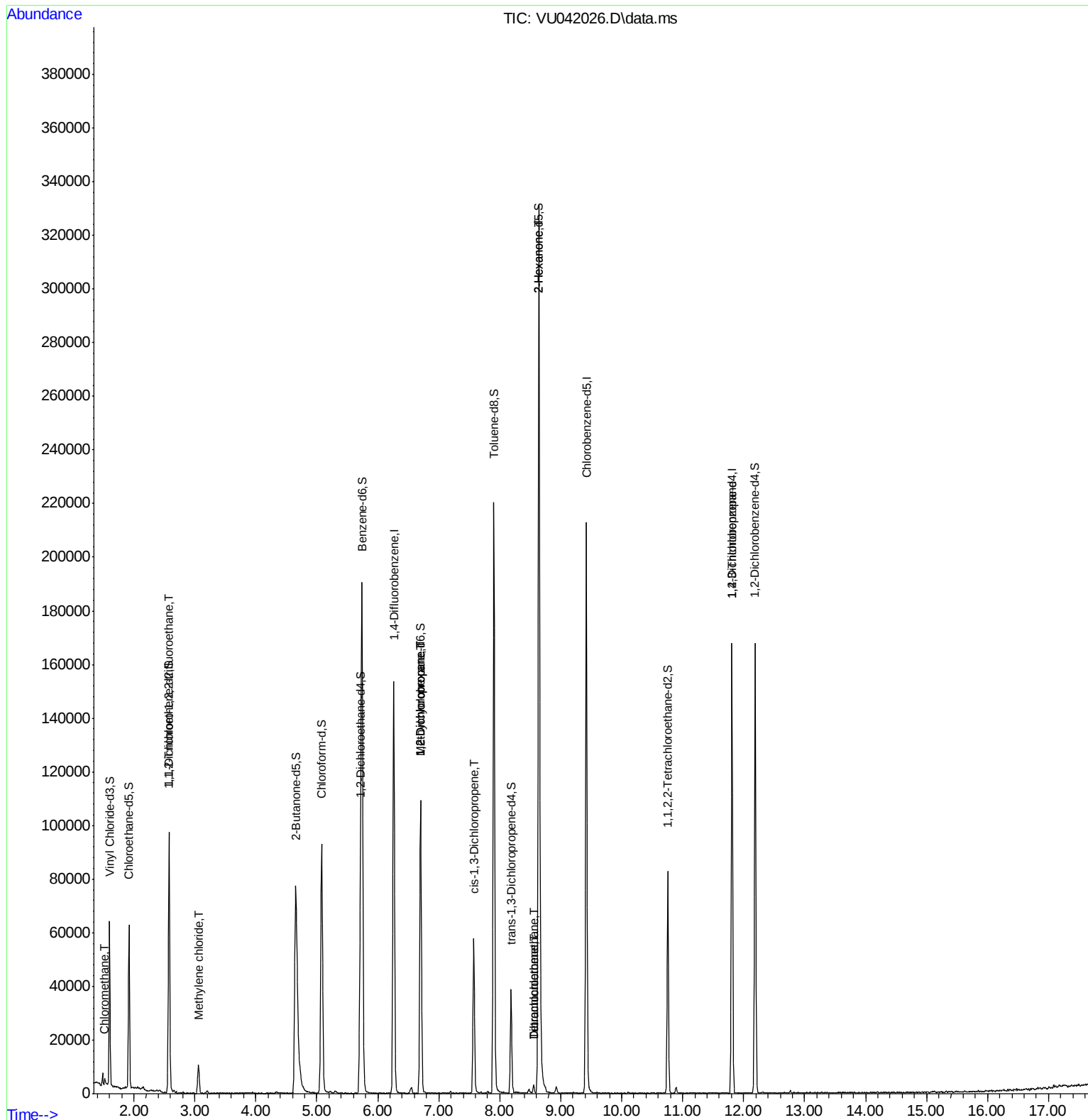
Internal Standards						
1) 1,4-Difluorobenzene	6.263	114	123046	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	118912	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	44915	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	40552	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.919	69	42890	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.575	63	60290	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.655	46	153698	49.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.66%
24) Chloroform-d	5.079	84	87278	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.716	65	50738	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.742	84	173178	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.700	67	54062	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	7.902	98	147768	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloroprop...	8.185	79	22726	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.642	63	130907	50.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.78%
57) 1,1,2,2-Tetrachloroeth...	10.758	84	41887	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	12.188	152	43029	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%
Target Compounds						
3) Chloromethane	1.520	50	1560	0.11	ug/L #	82
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	528	0.05	ug/L #	21
16) Methylene chloride	3.060	84	5185	0.46	ug/L	89
35) Methylcyclohexane	6.700	83	12245	0.70	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	5708	0.50	ug/L #	90
39) cis-1,3-Dichloropropene	7.574	75	1458	0.09	ug/L #	56
47) Tetrachloroethene	8.555	164	893	0.13	ug/L #	76
48) 2-Hexanone	8.642	43	13924	2.61	ug/L #	65
49) Dibromochloromethane	8.555	129	728	0.08	ug/L #	11
59) 1,2,3-Trichloropropane	11.809	75	5607	0.75	ug/L	98

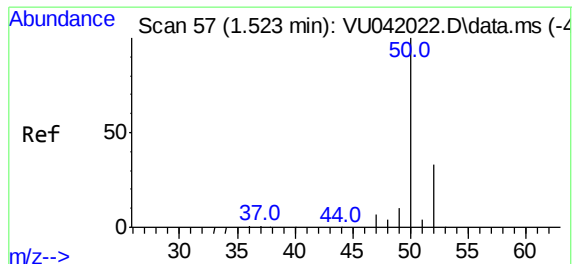
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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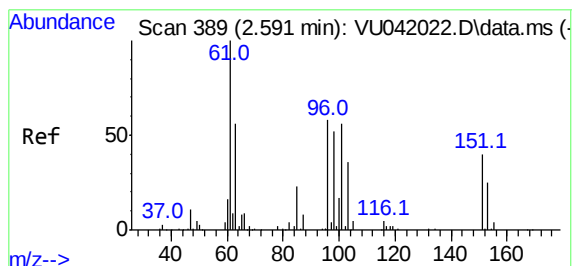
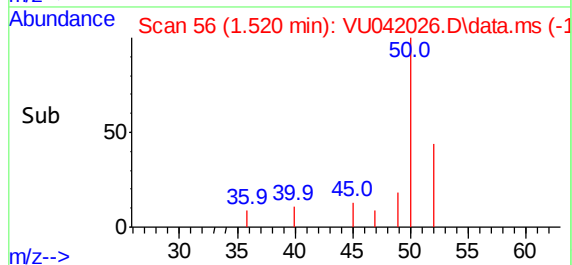
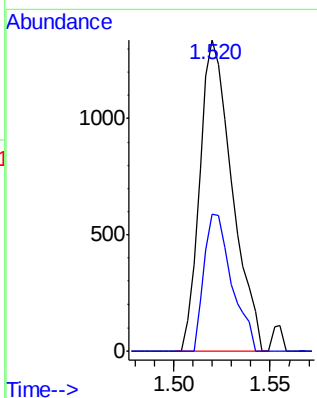
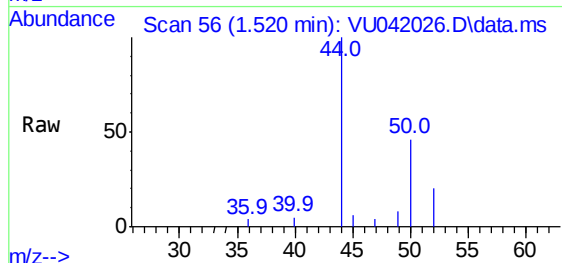




#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042026.D
Acq: 14 Jan 2021 11:50

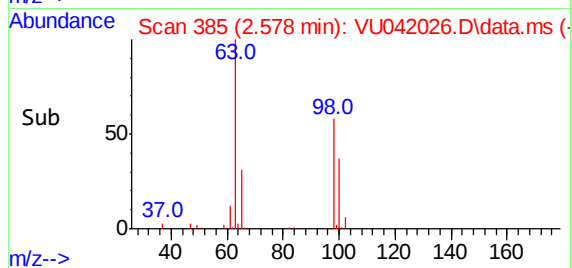
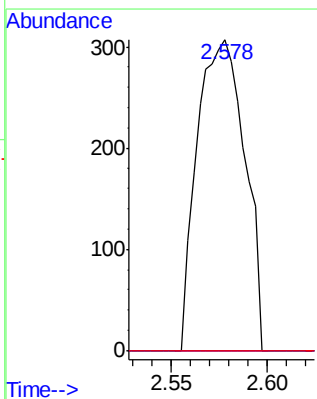
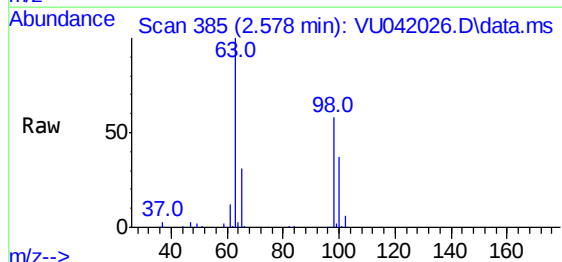
Instrument :
MSVOA_U
ClientSampleId :
VIBLK30

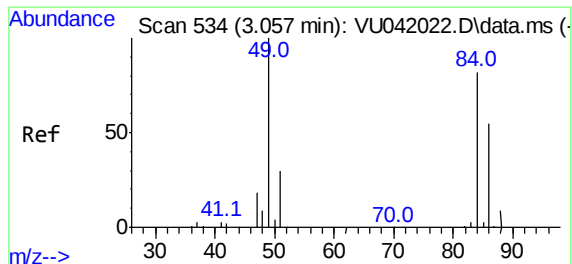
Tgt Ion: 50 Resp: 1560
Ion Ratio Lower Upper
50 100
52 43.8 23.5 43.7#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.013 min
Lab File: VU042026.D
Acq: 14 Jan 2021 11:50

Tgt Ion:101 Resp: 528
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 0.0 55.4 83.2#



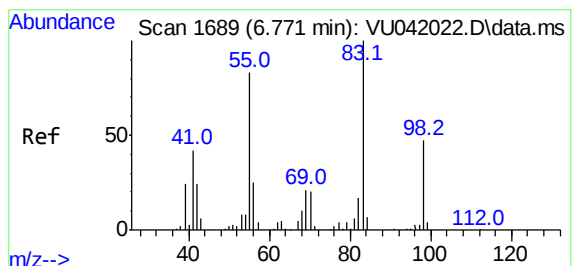
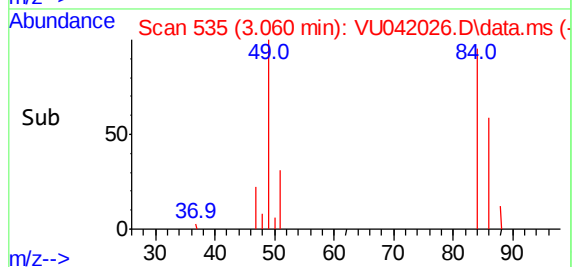
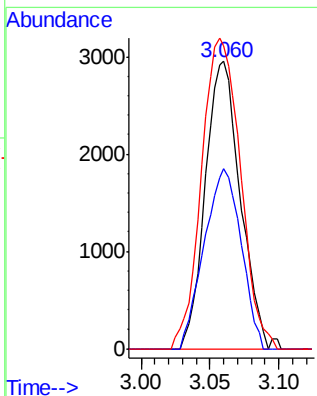
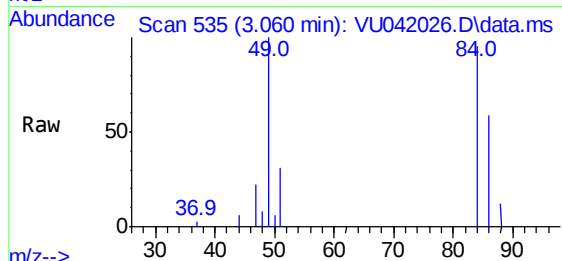


#16
Methylene chloride
Concen: 0.46 ug/L
RT: 3.060 min Scan# 535
Delta R.T. 0.003 min
Lab File: VU042026.D
Acq: 14 Jan 2021 11:50

Instrument :
MSVOA_U
ClientSampleId :
VIBLK30

Tgt Ion: 84 Resp: 5185

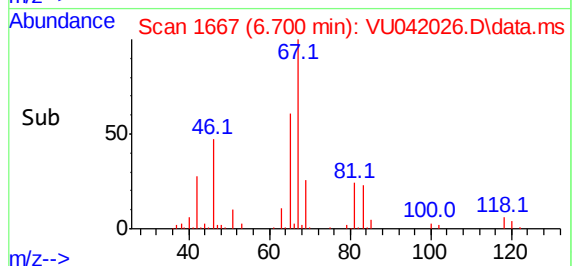
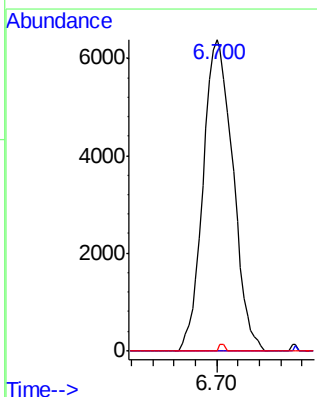
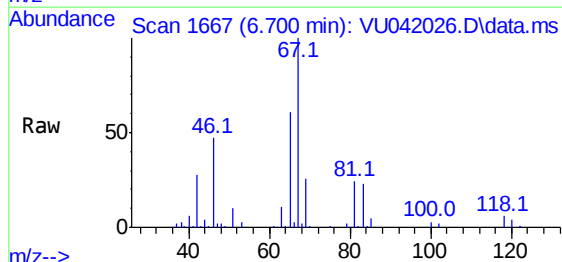
Ion	Ratio	Lower	Upper
84	100		
86	62.4	42.6	79.0
49	104.9	86.2	160.0

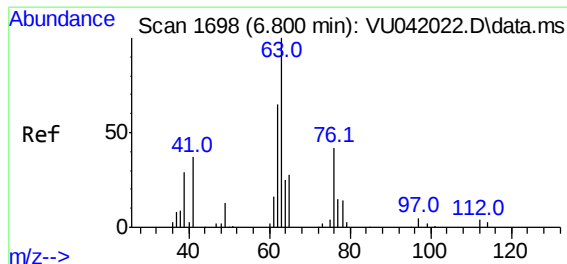


#35
Methylcyclohexane
Concen: 0.70 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042026.D
Acq: 14 Jan 2021 11:50

Tgt Ion: 83 Resp: 12245

Ion	Ratio	Lower	Upper
83	100		
55	0.2	66.8	100.2#
98	0.4	35.7	53.5#

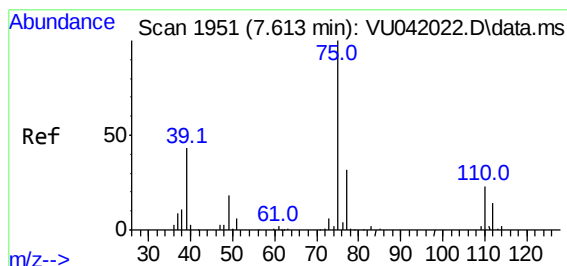
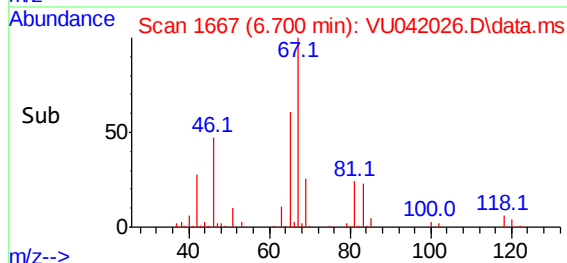
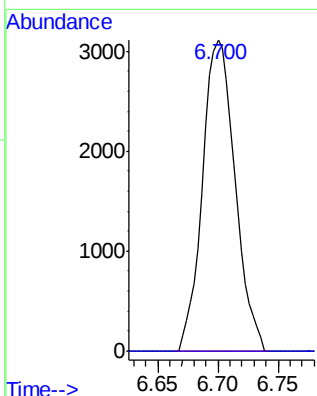
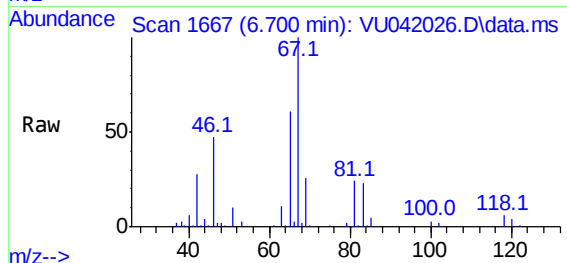




#37
1,2-Dichloropropane
Concen: 0.50 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042026.D
Acq: 14 Jan 2021 11:50

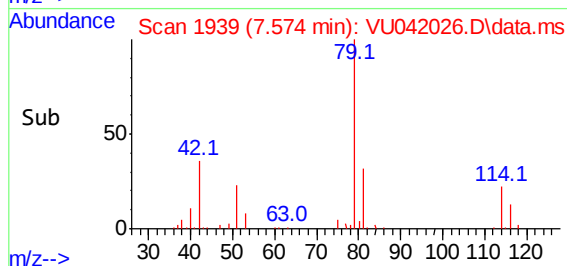
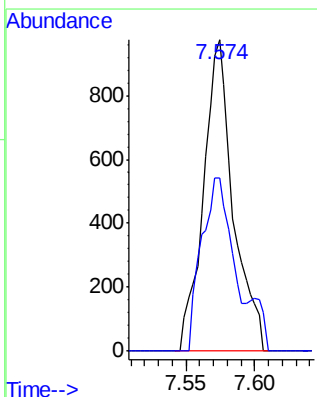
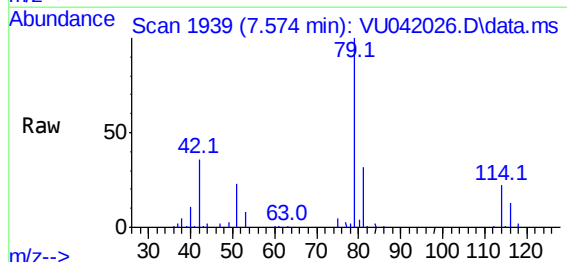
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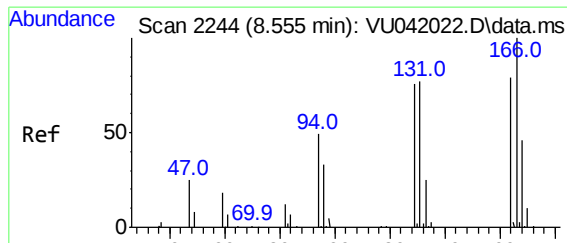
Tgt Ion: 63 Resp: 5708
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU042026.D
Acq: 14 Jan 2021 11:50

Tgt Ion: 75 Resp: 1458
Ion Ratio Lower Upper
75 100
77 55.3 21.9 40.7#

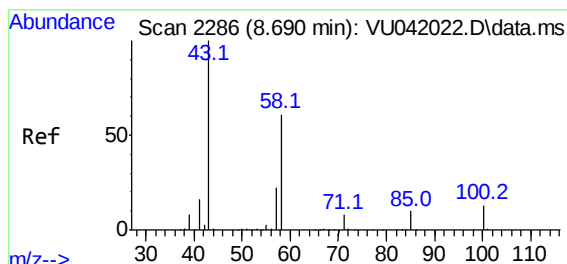
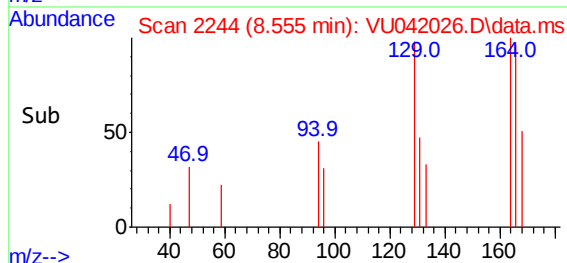
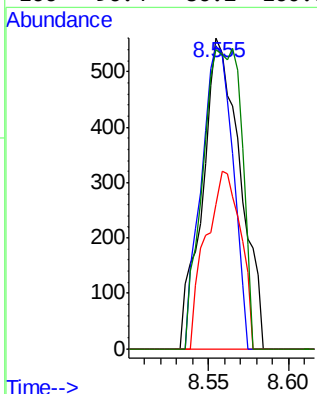
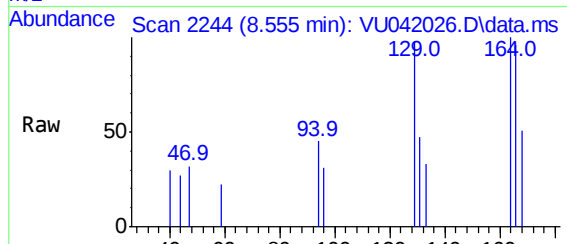




#47
Tetrachloroethene
Concen: 0.13 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU042026.D
Acq: 14 Jan 2021 11:50

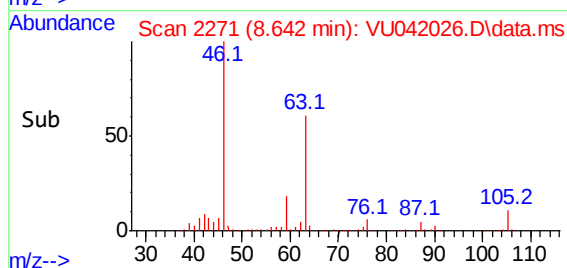
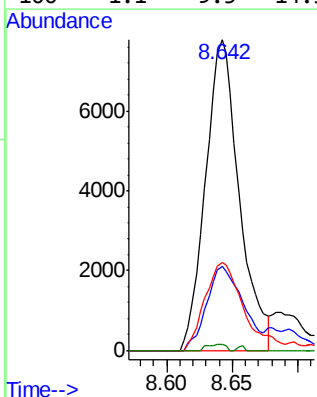
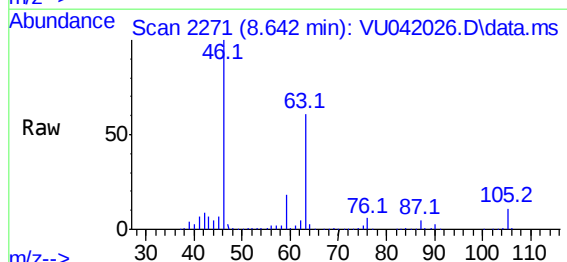
Instrument :
MSVOA_U
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VIBLK30

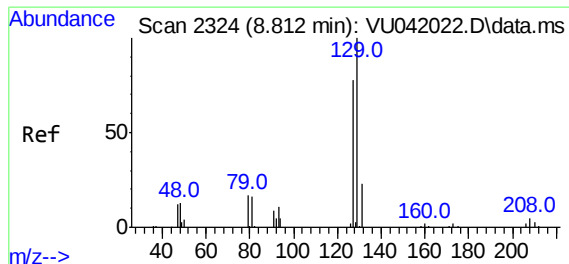
Tgt Ion:164 Resp: 893
Ion Ratio Lower Upper
164 100
129 97.5 68.7 127.5
131 46.5 65.2 121.0#
166 96.4 86.2 160.0



#48
2-Hexanone
Concen: 2.61 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.048 min
Lab File: VU042026.D
Acq: 14 Jan 2021 11:50

Tgt Ion: 43 Resp: 13924
Ion Ratio Lower Upper
43 100
58 29.2 47.8 71.8#
57 32.4 17.4 26.0#
100 1.1 9.5 14.3#

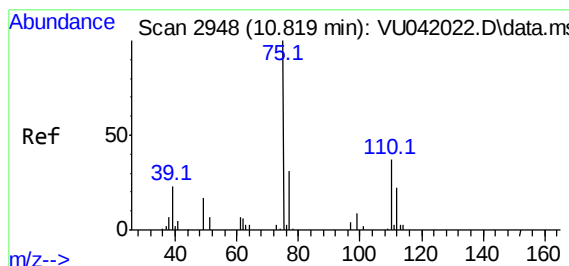
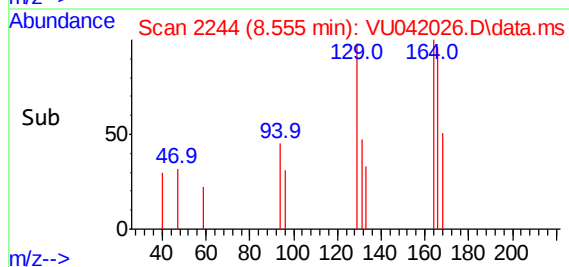
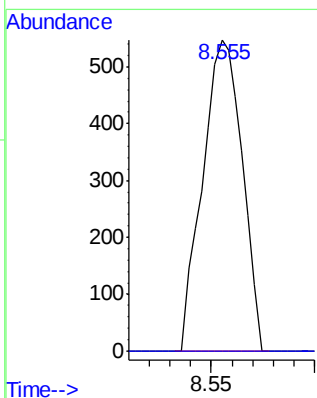
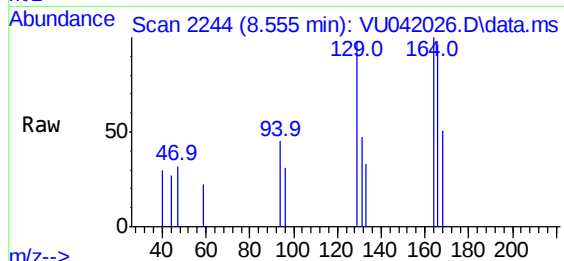




#49
 Dibromochloromethane
 Concen: 0.08 ug/L
 RT: 8.555 min Scan# 2244
 Delta R.T. -0.257 min
 Lab File: VU042026.D
 Acq: 14 Jan 2021 11:50

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Tgt Ion:129 Resp: 728
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.7 99.7#



#59
 1,2,3-Trichloropropane
 Concen: 0.75 ug/L
 RT: 11.809 min Scan# 3256
 Delta R.T. 0.990 min
 Lab File: VU042026.D
 Acq: 14 Jan 2021 11:50

Tgt Ion: 75 Resp: 5607
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.6 38.4

