

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042133.D
 Acq On : 21 Jan 2021 02:46
 Operator : SY/MD
 Sample : L1180-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E37

Quant Time: Jan 21 06:06:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 06:00:33 2021
 Response via : Initial Calibration

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

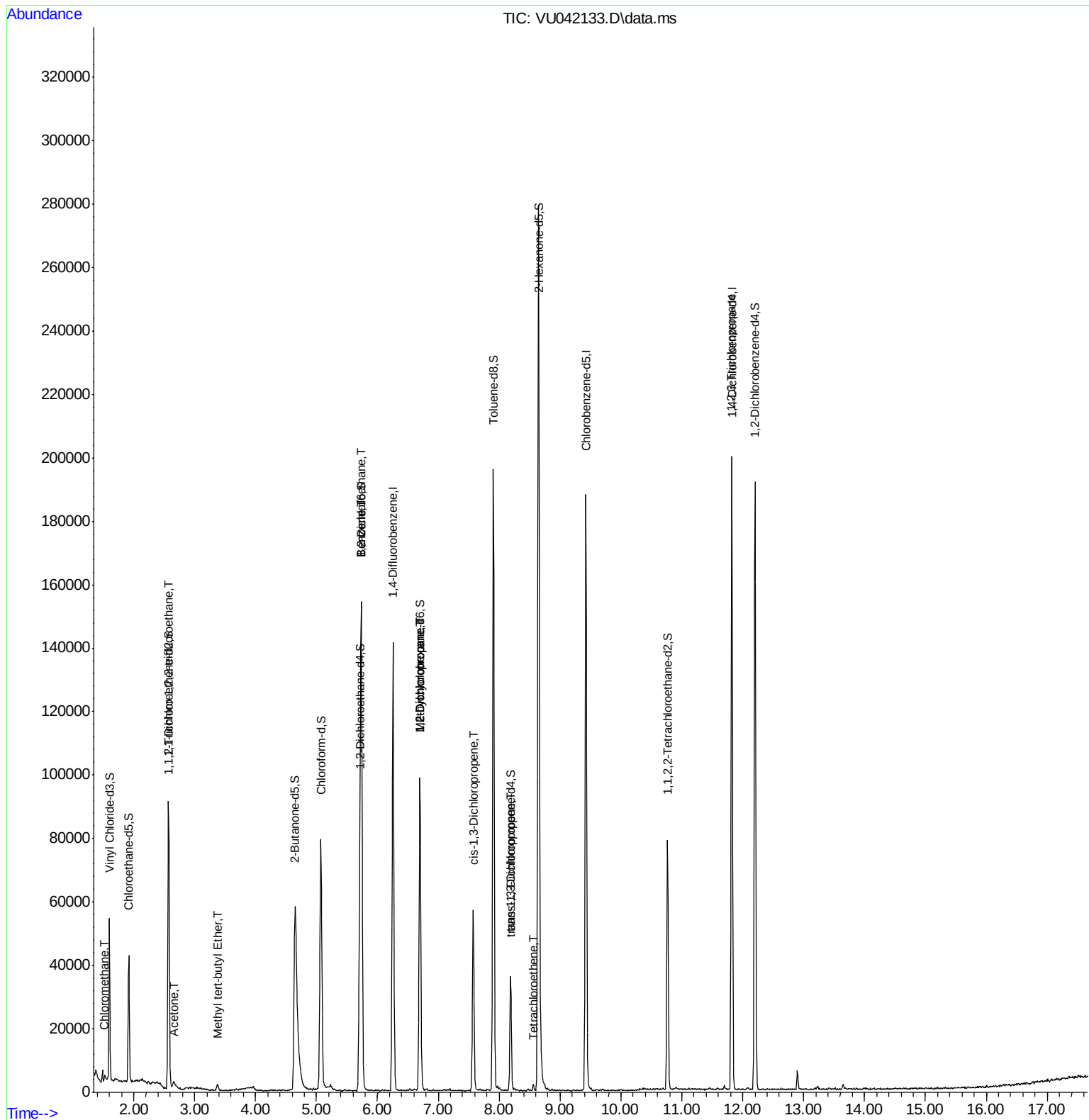
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	108178	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	99954	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	51824	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	32907	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.919	69	27167	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.571	63	54699	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.649	46	143100	56.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.40%
24) Chloroform-d	5.073	84	71369	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.713	65	43668	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.735	84	133868	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.700	67	43389	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.906	98	120454	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloroprop...	8.185	79	19943	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.645	63	102339	55.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.16%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	38546	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	48887	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%
Target Compounds						
3) Chloromethane	1.520	50	1300	0.14	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	394	0.05	ug/L #	18
13) Acetone	2.655	43	3584	2.11	ug/L	98
17) Methyl tert-butyl Ether	3.375	73	1792	0.08	ug/L	96
27) 1,2-Dichloroethane	5.735	62	875	0.08	ug/L #	75
33) Benzene	5.735	78	1089	0.04	ug/L	100
35) Methylcyclohexane	6.700	83	10621	0.80	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	5283	0.68	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	1349	0.11	ug/L #	44
44) trans-1,3-Dichloropropene	8.192	75	814	0.07	ug/L #	51
47) Tetrachloroethene	8.558	164	433	0.07	ug/L	89
59) 1,2,3-Trichloropropane	11.819	75	5825	1.07	ug/L	93

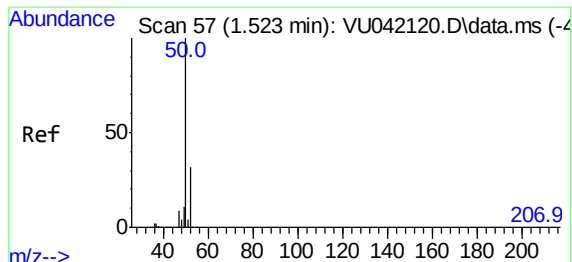
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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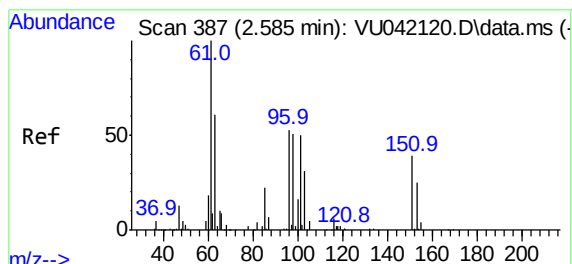
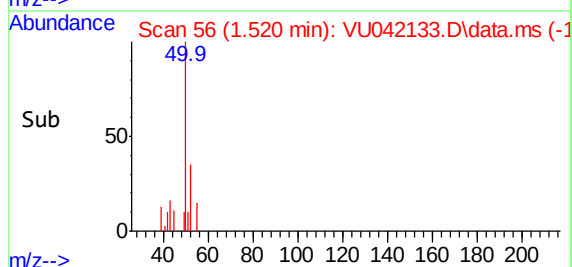
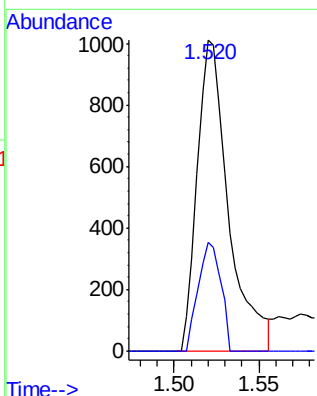
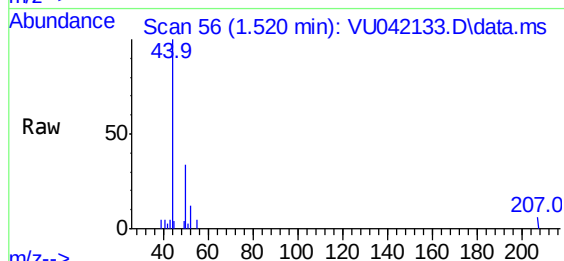




#3
Chloromethane
Concen: 0.14 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042133.D
Acq: 21 Jan 2021 02:46

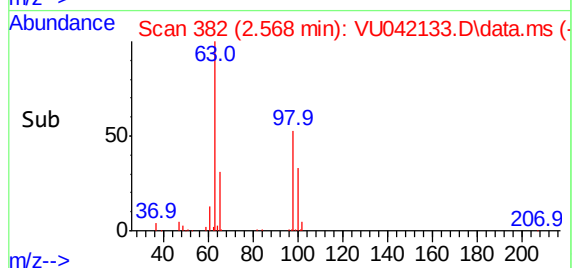
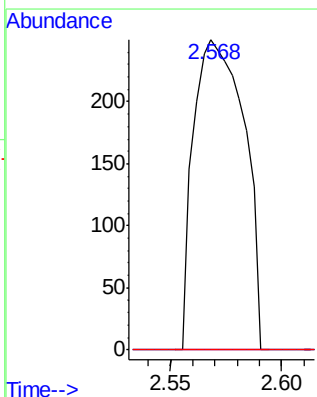
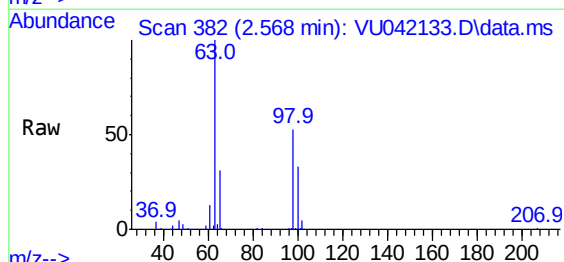
Instrument :
MSVOA_U
ClientSampleId :
F1E37

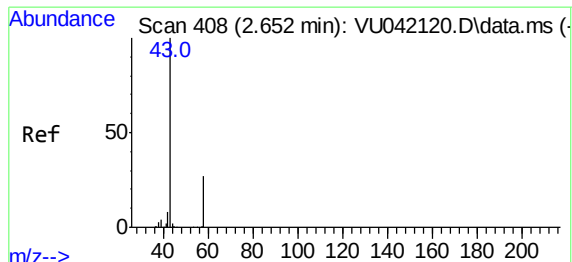
Tgt Ion: 50 Resp: 1300
Ion Ratio Lower Upper
50 100
52 34.9 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU042133.D
Acq: 21 Jan 2021 02:46

Tgt Ion:101 Resp: 394
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

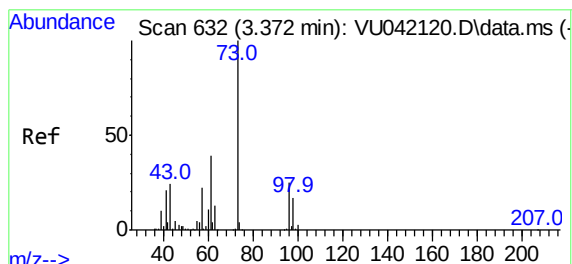
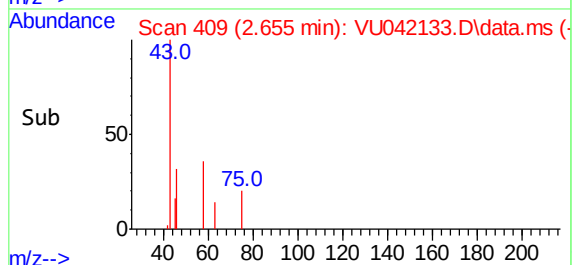
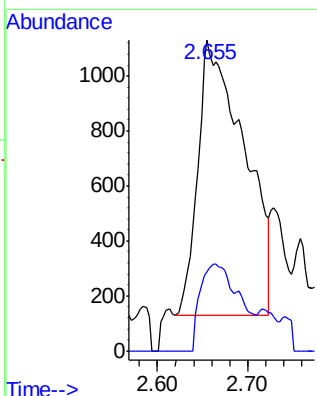
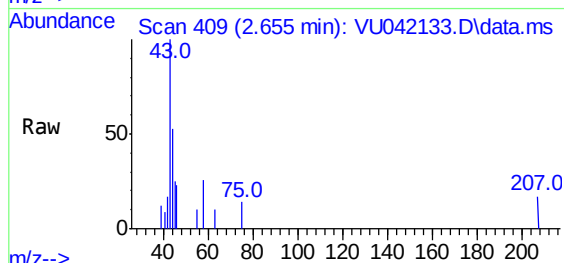




#13
Acetone
Concen: 2.11 ug/L
RT: 2.655 min Scan# 409
Delta R.T. 0.003 min
Lab File: VU042133.D
Acq: 21 Jan 2021 02:46

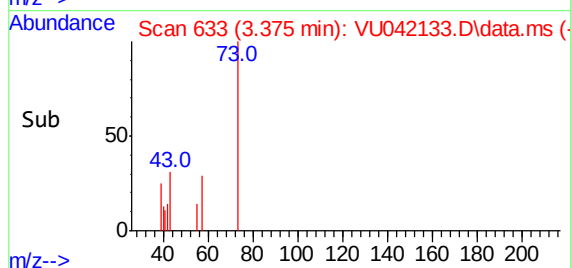
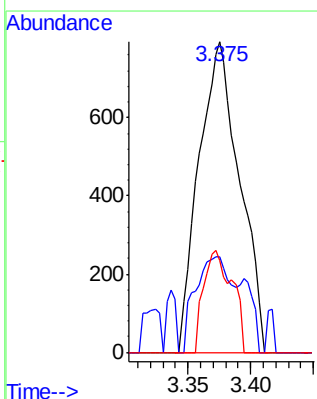
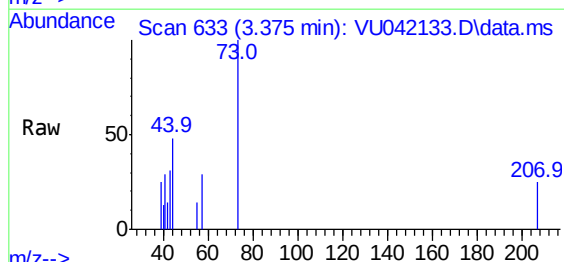
Instrument :
MSVOA_U
ClientSampleId :
F1E37

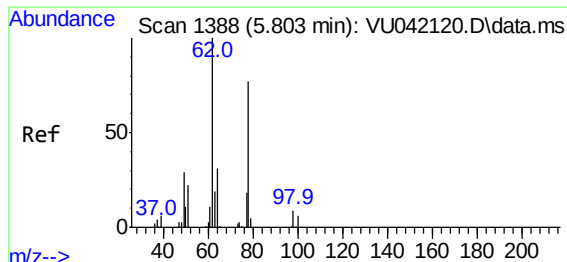
Tgt Ion: 43 Resp: 3584
Ion Ratio Lower Upper
43 100
58 26.9 0.0 55.8



#17
Methyl tert-butyl Ether
Concen: 0.08 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU042133.D
Acq: 21 Jan 2021 02:46

Tgt Ion: 73 Resp: 1792
Ion Ratio Lower Upper
73 100
43 27.1 18.9 28.3
57 22.6 18.2 27.4

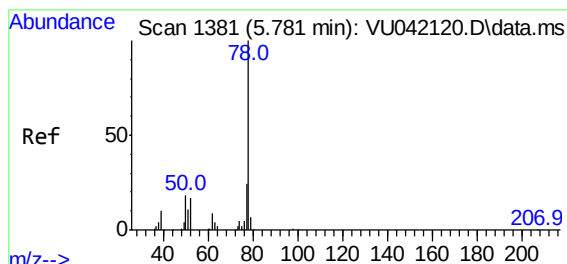
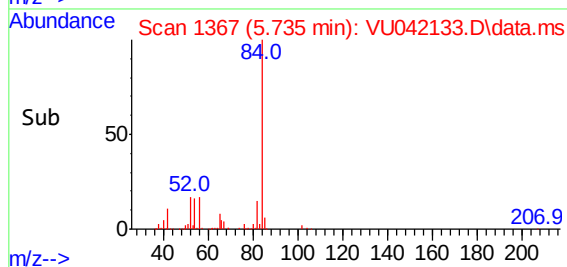
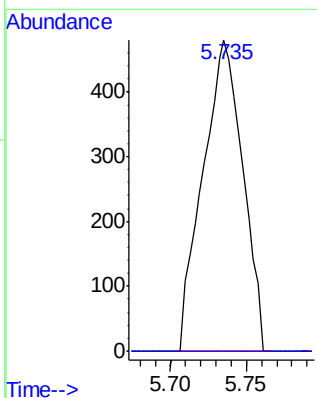
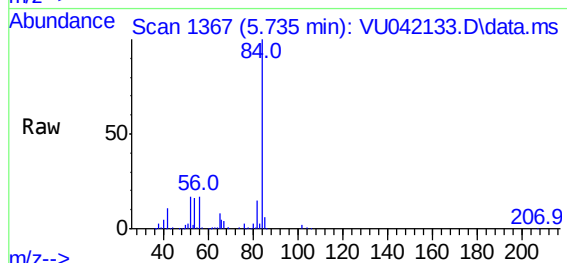




#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU042133.D
Acq: 21 Jan 2021 02:46

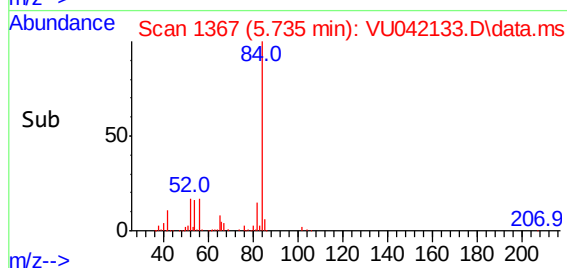
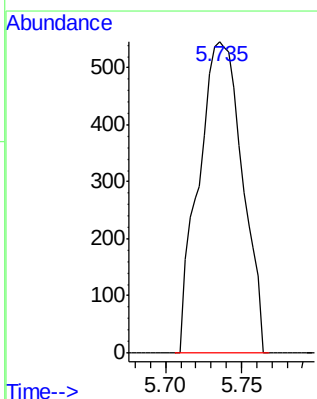
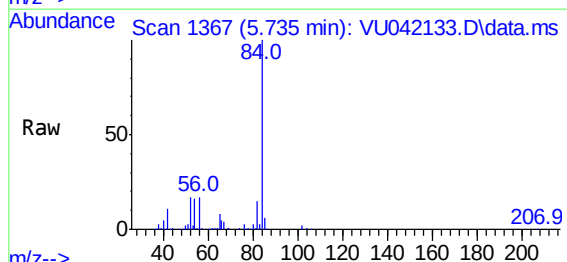
Instrument :
MSVOA_U
ClientSampleId :
F1E37

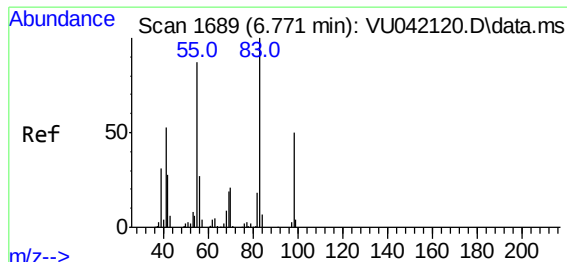
Tgt Ion: 62 Resp: 875
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.04 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.045 min
Lab File: VU042133.D
Acq: 21 Jan 2021 02:46

Tgt Ion: 78 Resp: 1089

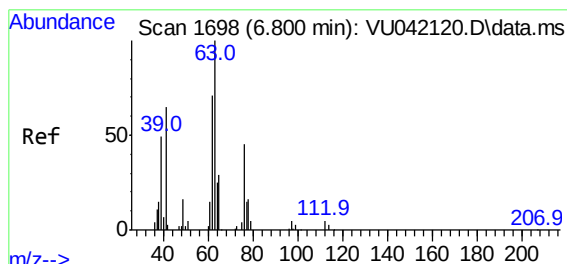
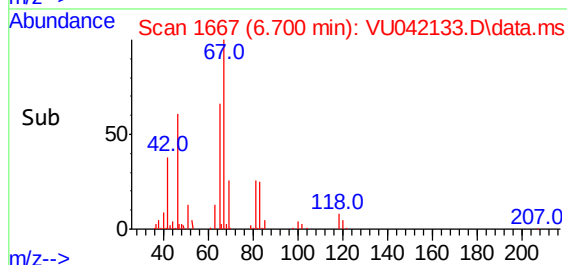
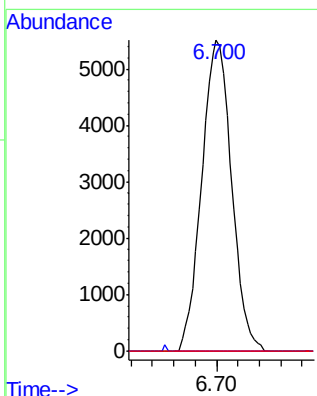
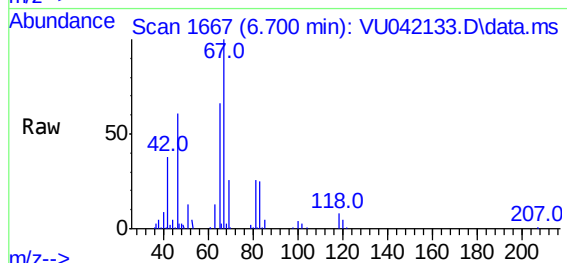




#35
Methylcyclohexane
Concen: 0.80 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042133.D
Acq: 21 Jan 2021 02:46

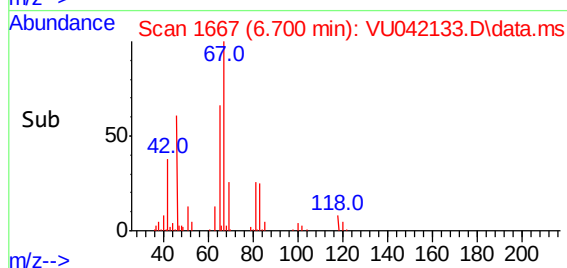
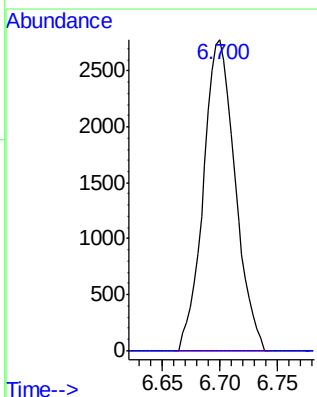
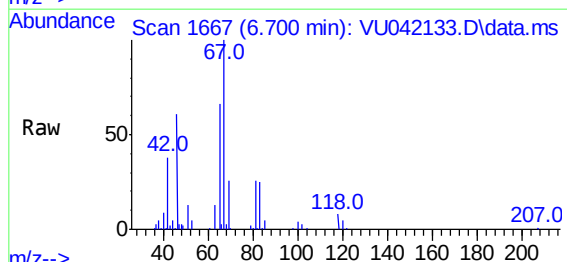
Instrument :
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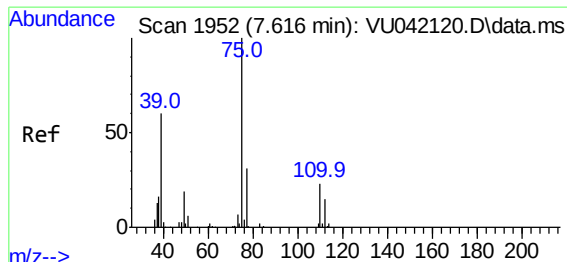
Tgt Ion: 83 Resp: 10621
Ion Ratio Lower Upper
83 100
55 0.2 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.68 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042133.D
Acq: 21 Jan 2021 02:46

Tgt Ion: 63 Resp: 5283
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

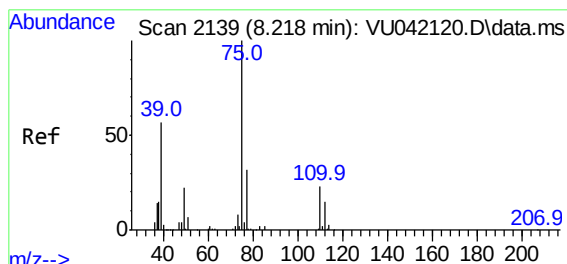
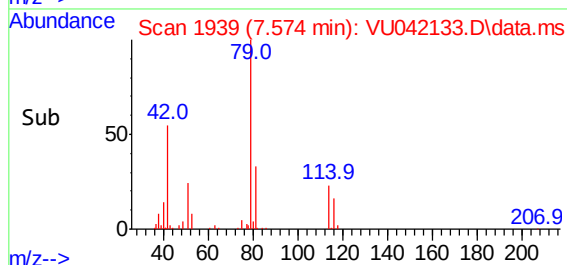
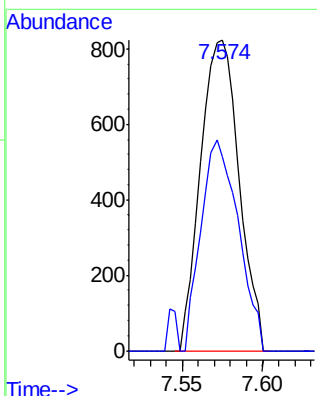
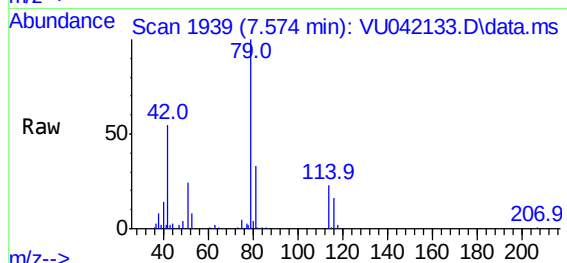




#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042133.D
Acq: 21 Jan 2021 02:46

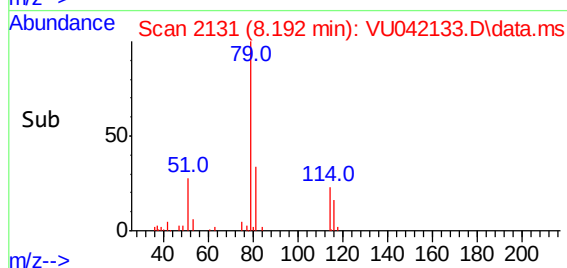
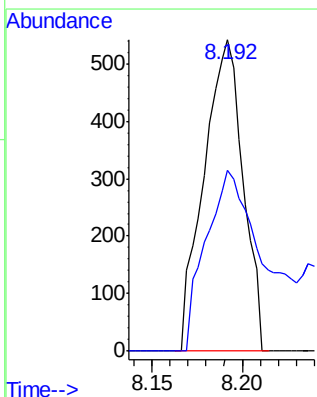
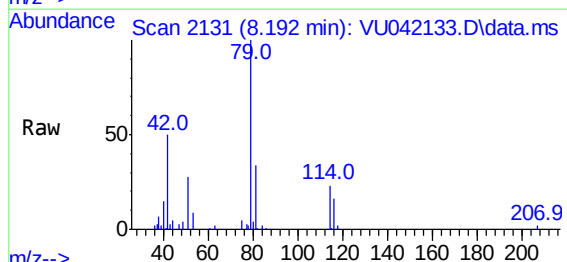
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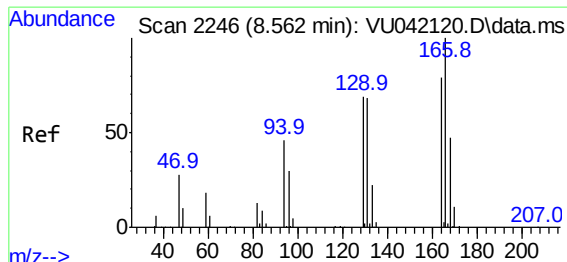
Tgt Ion: 75 Resp: 1349
Ion Ratio Lower Upper
75 100
77 62.5 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.026 min
Lab File: VU042133.D
Acq: 21 Jan 2021 02:46

Tgt Ion: 75 Resp: 814
Ion Ratio Lower Upper
75 100
77 58.0 21.8 40.4#

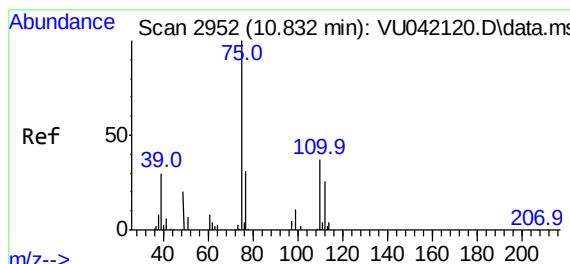
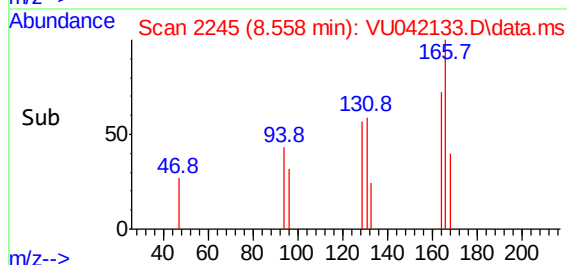
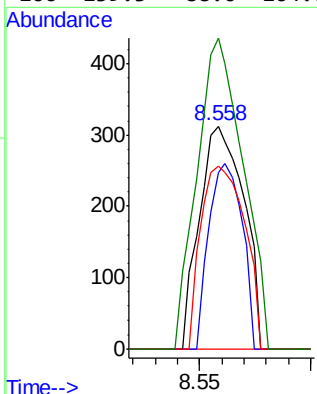
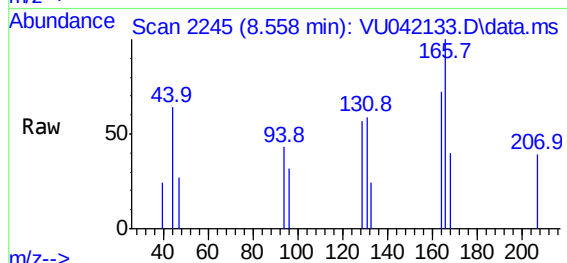




#47
Tetrachloroethene
Concen: 0.07 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042133.D
Acq: 21 Jan 2021 02:46

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Tgt Ion:164 Resp: 433
Ion Ratio Lower Upper
164 100
129 79.2 64.3 119.5
131 81.8 62.2 115.6
166 139.3 88.6 164.6



#59
1,2,3-Trichloropropane
Concen: 1.07 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042133.D
Acq: 21 Jan 2021 02:46

Tgt Ion: 75 Resp: 5825
Ion Ratio Lower Upper
75 100
77 36.3 26.0 39.0

