

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042613.D
 Acq On : 12 Mar 2021 16:15
 Operator : SY/MD
 Sample : M1674-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BE2

Quant Time: Mar 13 05:29:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 13 05:26:34 2021
 Response via : Initial Calibration

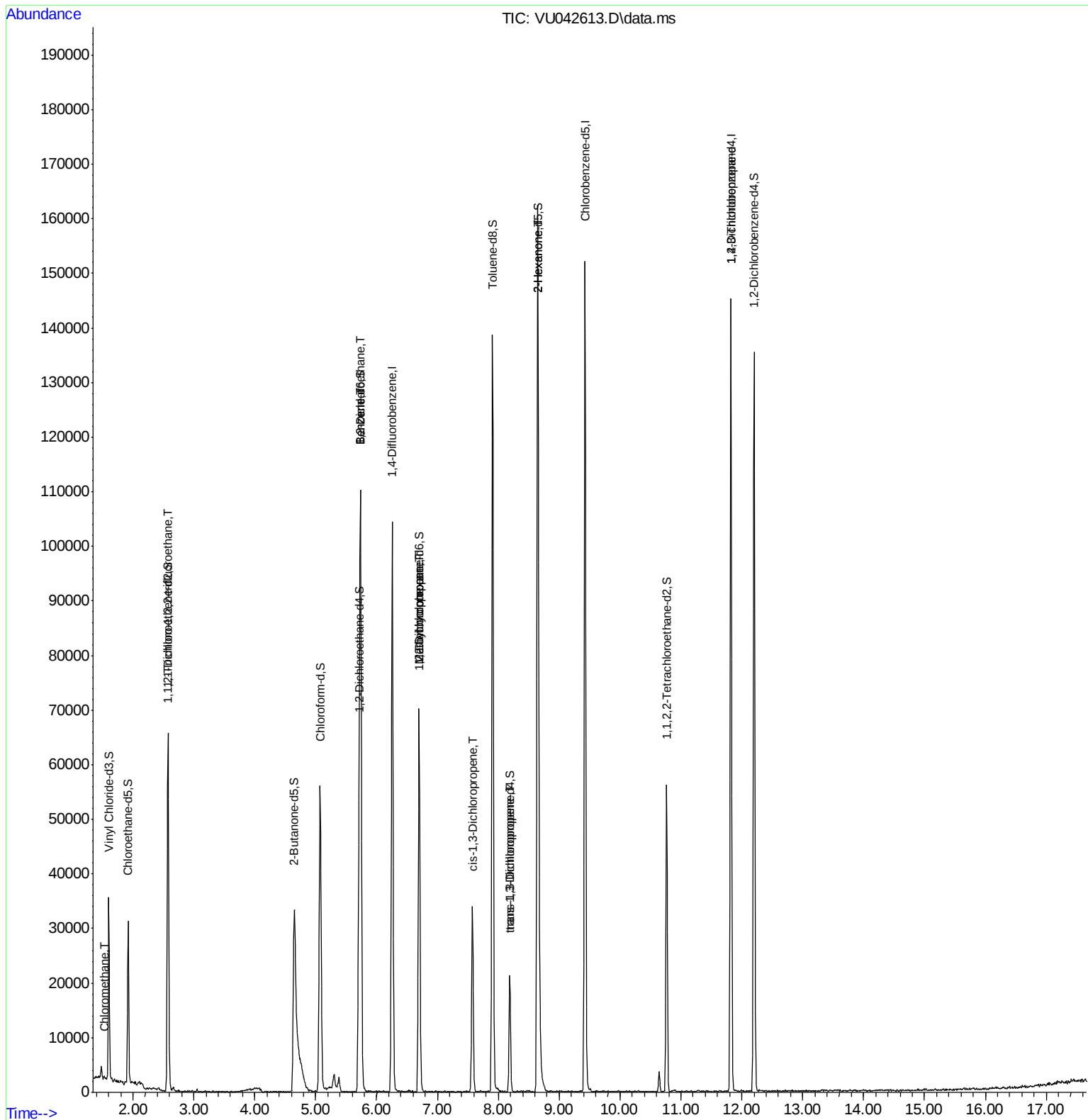
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

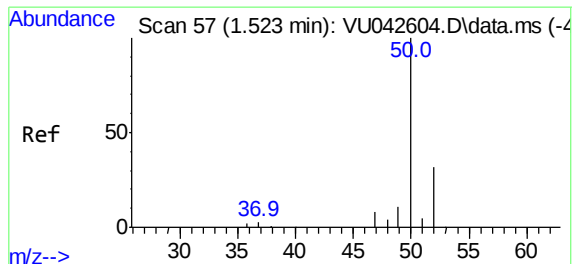
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	80346	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	78881	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	35814	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	22664	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.919	69	20375	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.575	63	39999	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.649	46	77370	43.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.98%
24) Chloroform-d	5.073	84	49237	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.713	65	32593	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.735	84	91387	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.700	67	29614	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.906	98	86374	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloroprop...	8.185	79	11315	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.648	63	62048	44.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.92%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25614	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	33255	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%
Target Compounds						
3) Chloromethane	1.523	50	314	0.04	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	327	0.05	ug/L #	18
27) 1,2-Dichloroethane	5.735	62	588	0.06	ug/L #	75
33) Benzene	5.735	78	803	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	6589	0.63	ug/L #	14
37) 1,2-Dichloropropane	6.703	63	3783	0.57	ug/L #	87
39) cis-1,3-Dichloropropene	7.578	75	871	0.09	ug/L #	57
44) trans-1,3-Dichloropropene	8.189	75	495	0.06	ug/L #	81
48) 2-Hexanone	8.645	43	9656	2.25	ug/L #	68
59) 1,2,3-Trichloropropane	11.822	75	4452	0.89	ug/L	89

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

Instrument :
MSVOA_U
ClientSampleId :
C0BE2

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

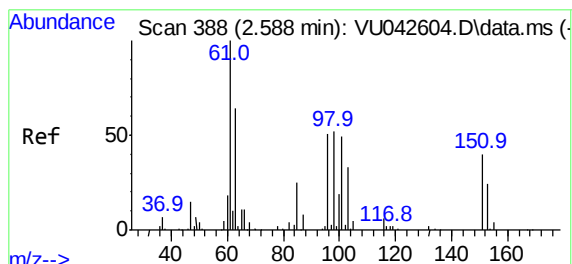
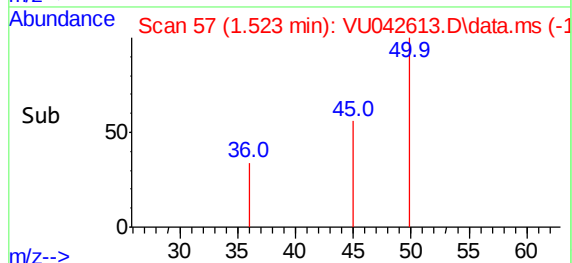
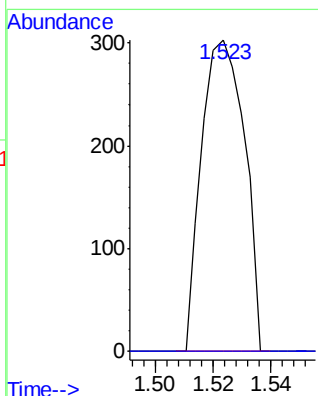
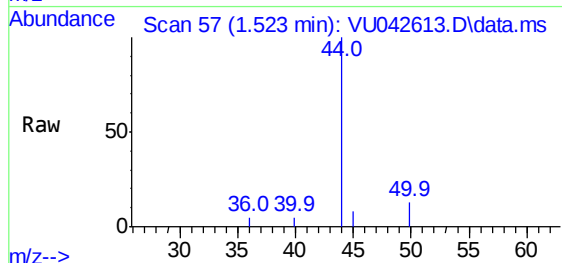




#3
Chloromethane
Concen: 0.04 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042613.D
Acq: 12 Mar 2021 16:15

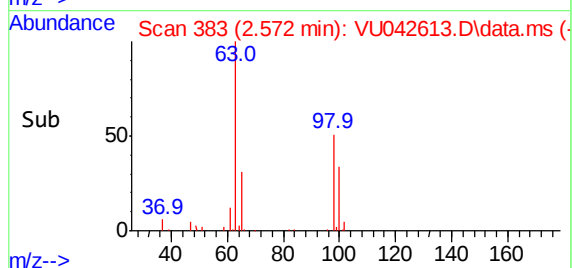
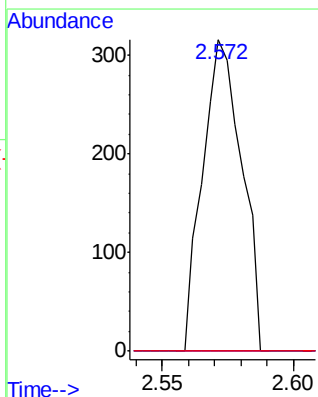
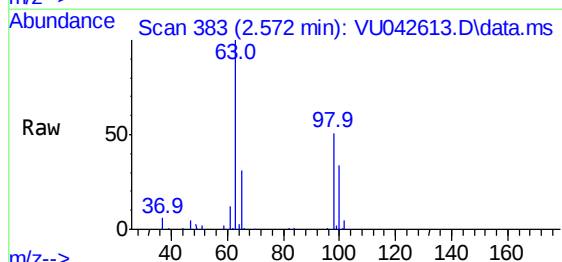
Instrument :
MSVOA_U
ClientSampleId :
C0BE2

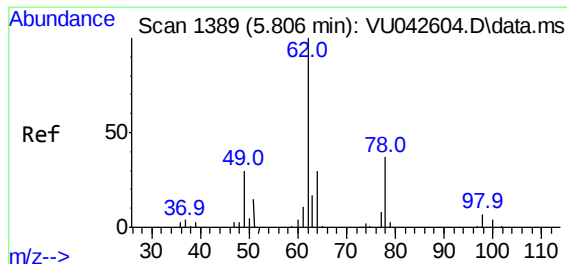
Tgt Ion: 50 Resp: 314
Ion Ratio Lower Upper
50 100
52 0.0 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042613.D
Acq: 12 Mar 2021 16:15

Tgt Ion:101 Resp: 327
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

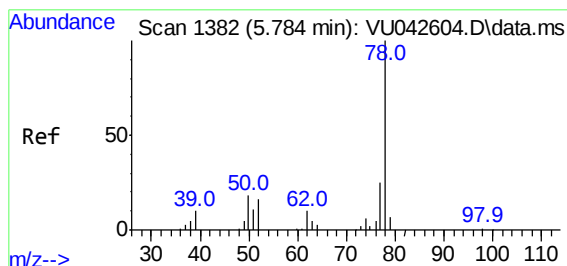
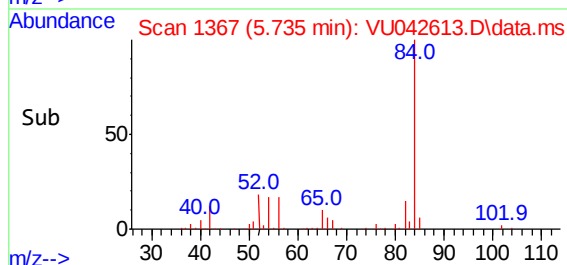
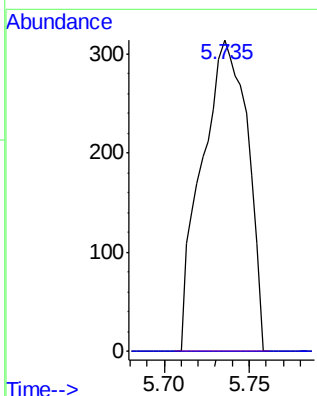
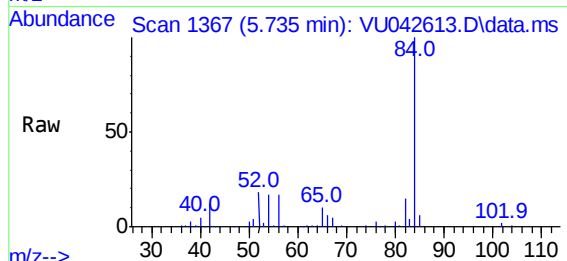




#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU042613.D
Acq: 12 Mar 2021 16:15

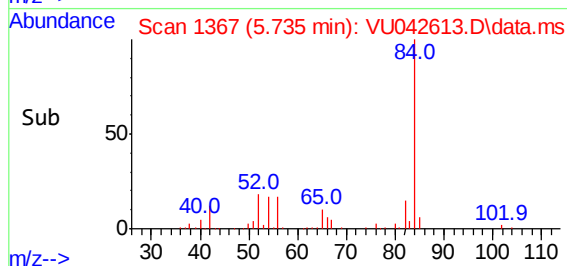
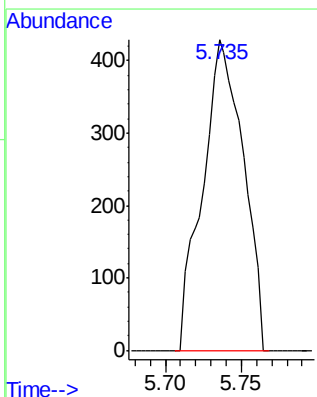
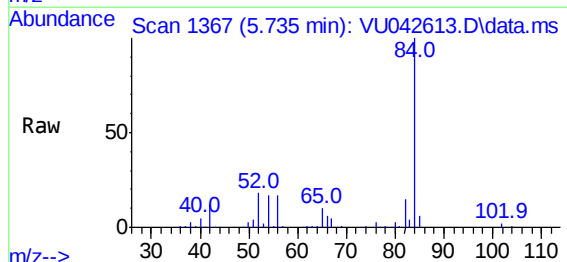
Instrument :
MSVOA_U
ClientSampled :
C0BE2

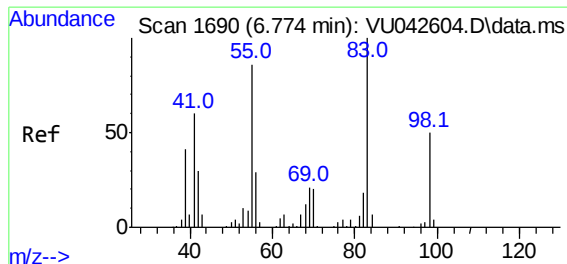
Tgt Ion: 62 Resp: 588
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.03 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042613.D
Acq: 12 Mar 2021 16:15

Tgt Ion: 78 Resp: 803

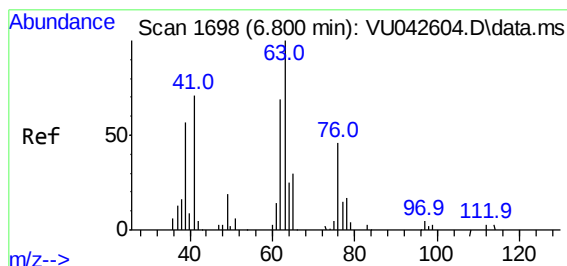
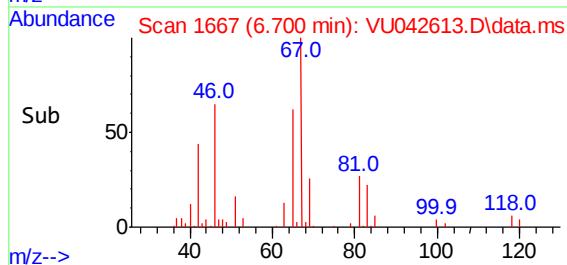
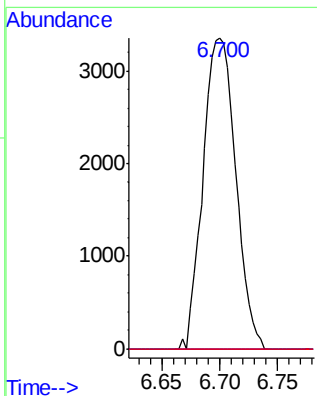
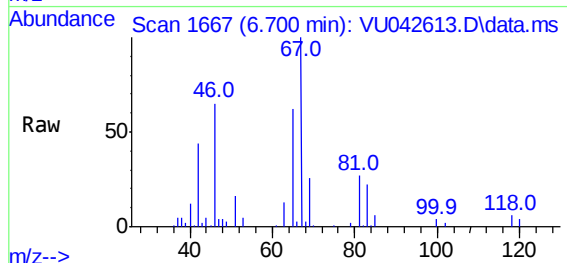




#35
Methylcyclohexane
Concen: 0.63 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042613.D
Acq: 12 Mar 2021 16:15

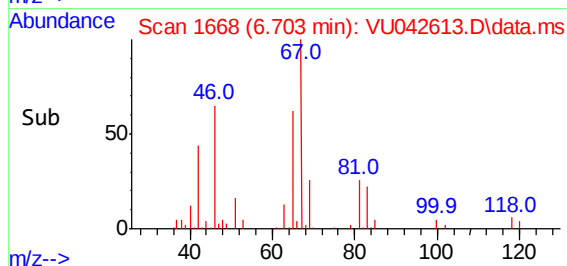
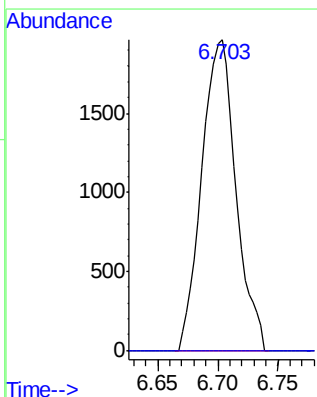
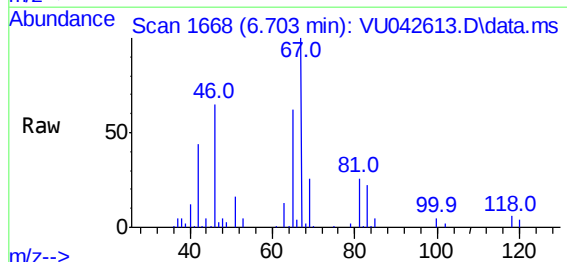
Instrument :
MSVOA_U
ClientSampleId :
C0BE2

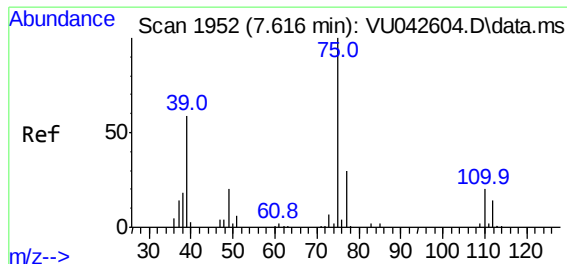
Tgt Ion: 83 Resp: 6589
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.57 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.097 min
Lab File: VU042613.D
Acq: 12 Mar 2021 16:15

Tgt Ion: 63 Resp: 3783
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

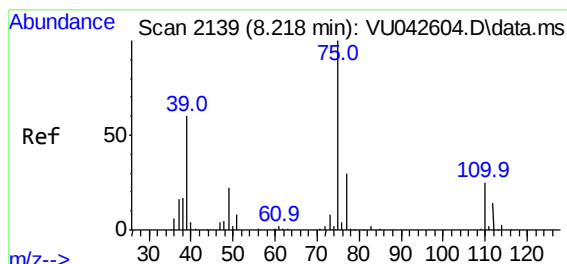
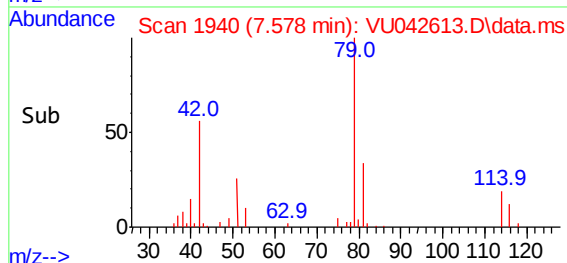
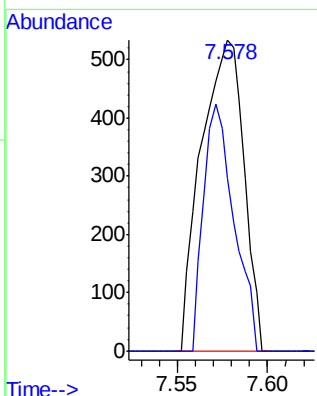
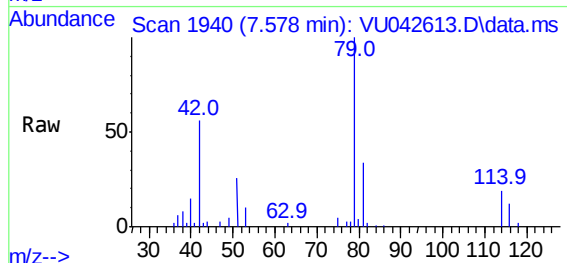




#39
 cis-1,3-Dichloropropene
 Concen: 0.09 ug/L
 RT: 7.578 min Scan# 1940
 Delta R.T. -0.039 min
 Lab File: VU042613.D
 Acq: 12 Mar 2021 16:15

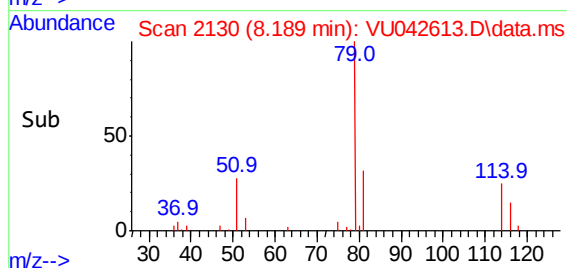
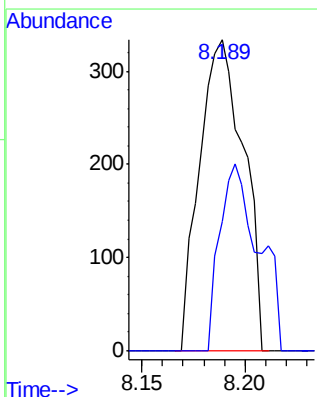
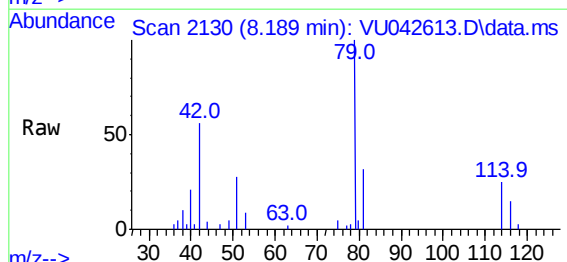
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BE2

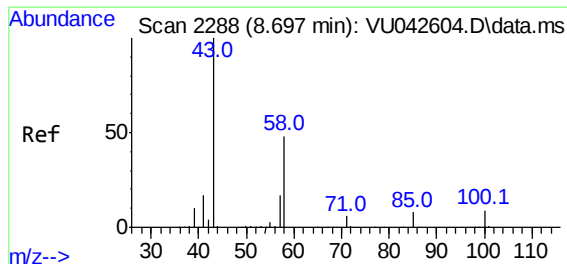
Tgt Ion: 75 Resp: 871
 Ion Ratio Lower Upper
 75 100
 77 55.4 22.0 40.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.06 ug/L
 RT: 8.189 min Scan# 2130
 Delta R.T. -0.029 min
 Lab File: VU042613.D
 Acq: 12 Mar 2021 16:15

Tgt Ion: 75 Resp: 495
 Ion Ratio Lower Upper
 75 100
 77 41.3 21.8 40.4#

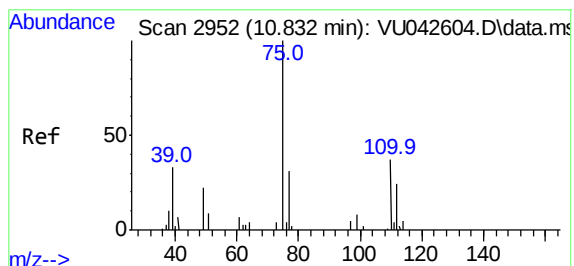
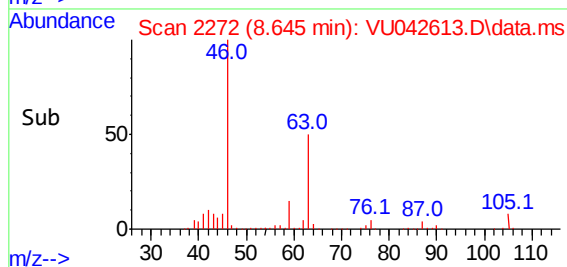
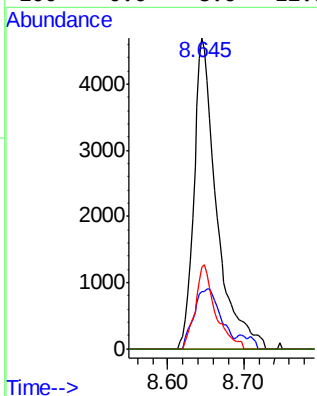
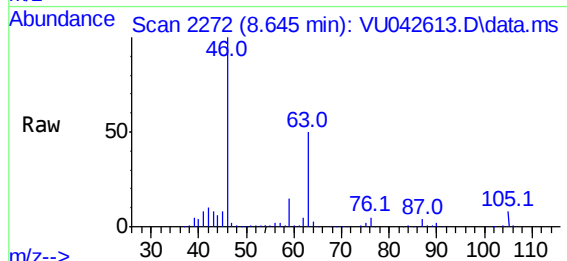




#48
2-Hexanone
Concen: 2.25 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.052 min
Lab File: VU042613.D
Acq: 12 Mar 2021 16:15

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:	43	Resp:	9656
Ion	Ratio	Lower	Upper
43	100		
58	22.7	40.6	61.0#
57	23.9	14.9	22.3#
100	0.0	8.6	12.8#



#59
1,2,3-Trichloropropane
Concen: 0.89 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.990 min
Lab File: VU042613.D
Acq: 12 Mar 2021 16:15

Tgt Ion:	75	Resp:	4452
Ion	Ratio	Lower	Upper
75	100		
77	38.9	26.0	39.0

