

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032921\
 Data File : VU042819.D
 Acq On : 29 Mar 2021 16:26
 Operator : SY/MD
 Sample : M1846-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR24

Quant Time: Mar 30 01:16:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 30 01:12:10 2021
 Response via : Initial Calibration

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

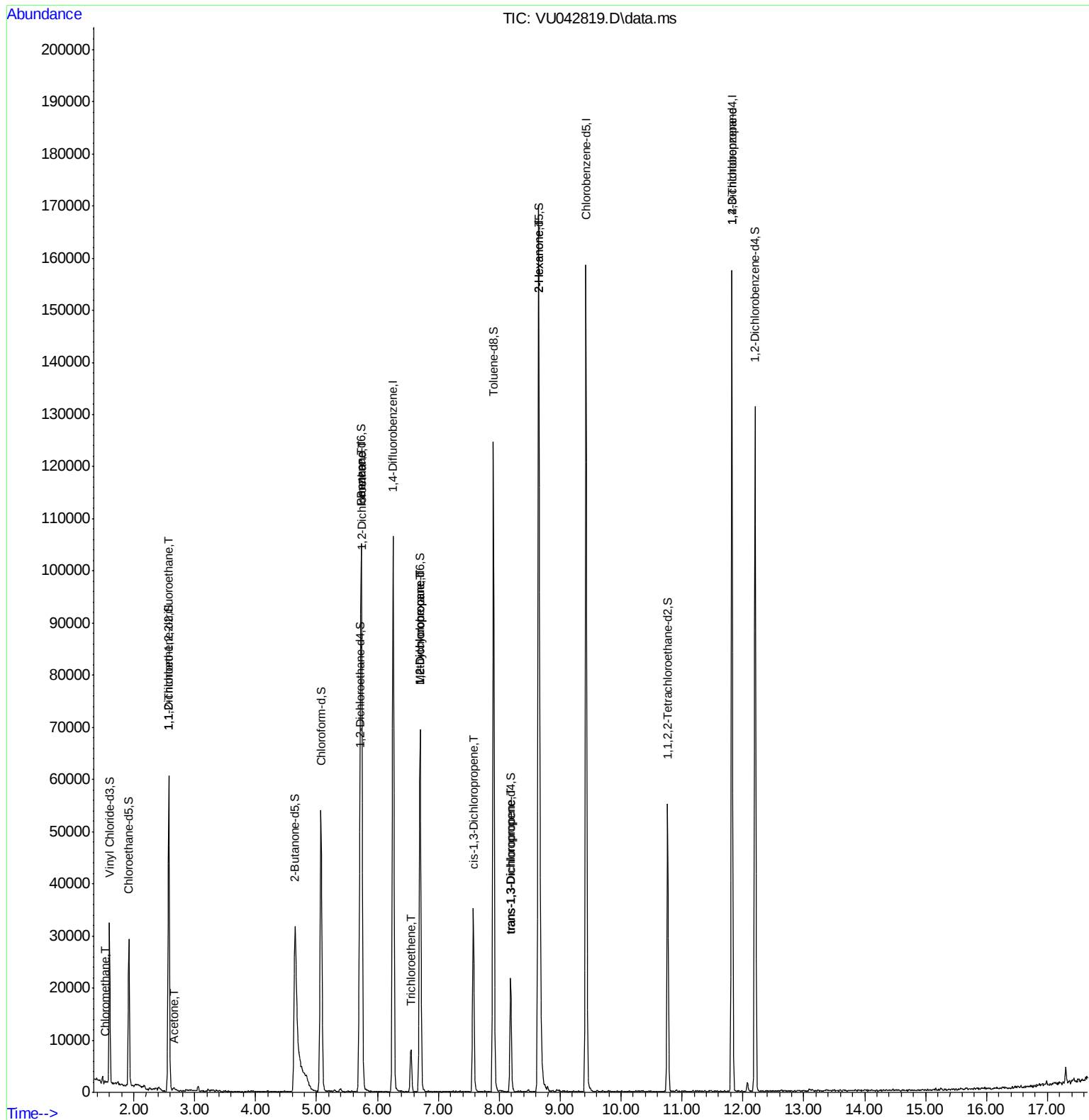
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	82056	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	80801	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	39382	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	20545	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	1.919	69	19054	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.575	63	36634	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	4.649	46	78354	43.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.24%
24) Chloroform-d	5.073	84	48113	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.713	65	30034	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.735	84	87743	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.700	67	29334	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.906	98	78030	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloroprop...	8.189	79	11939	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.645	63	65085	45.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.06%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25163	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	12.201	152	33122	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%
Target Compounds						
3) Chloromethane	1.523	50	329	0.05	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	277	0.04	ug/L #	18
13) Acetone	2.665	43	1469	1.06	ug/L	68
27) 1,2-Dichloroethane	5.742	62	629	0.07	ug/L #	75
33) Benzene	5.732	78	797	0.03	ug/L	100
34) Trichloroethene	6.549	95	2889	0.41	ug/L	86
35) Methylcyclohexane	6.700	83	6753	0.63	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	3712	0.54	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	985	0.10	ug/L #	67
44) trans-1,3-Dichloropropene	8.186	75	674	0.07	ug/L	85
48) 2-Hexanone	8.645	43	11160	2.54	ug/L #	67
59) 1,2,3-Trichloropropane	11.819	75	5009	0.98	ug/L #	87

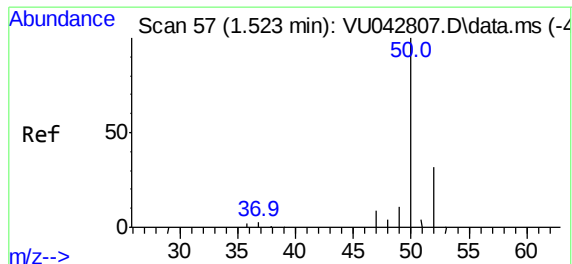
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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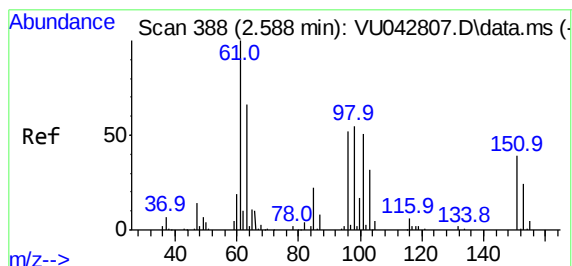
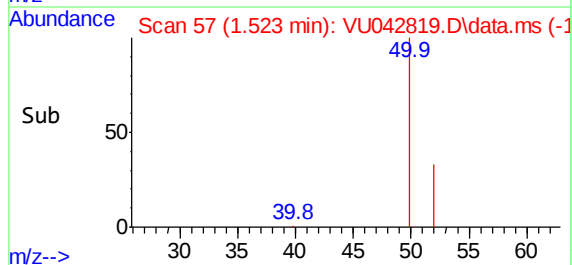
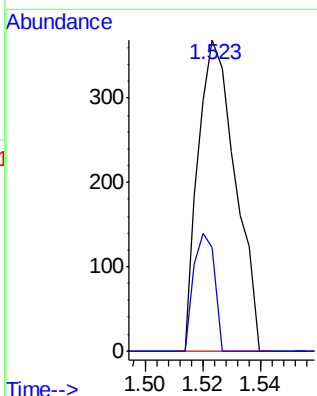
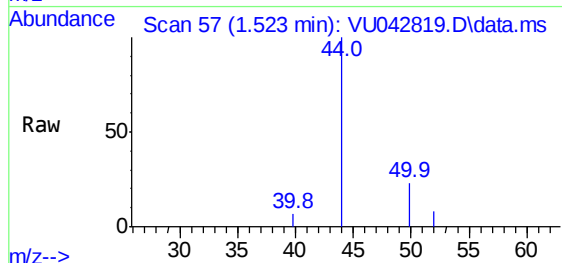




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042819.D
Acq: 29 Mar 2021 16:26

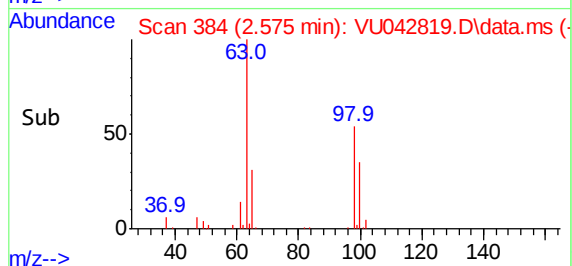
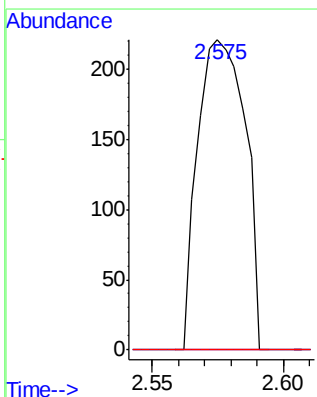
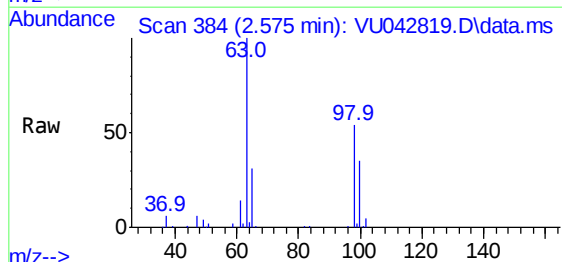
Instrument :
MSVOA_U
ClientSampled :
YAR24

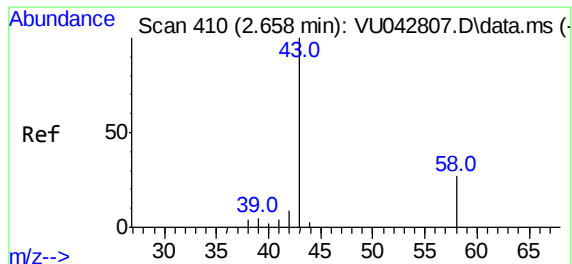
Tgt Ion: 50 Resp: 329
Ion Ratio Lower Upper
50 100
52 33.3 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.04 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042819.D
Acq: 29 Mar 2021 16:26

Tgt Ion:101 Resp: 277
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

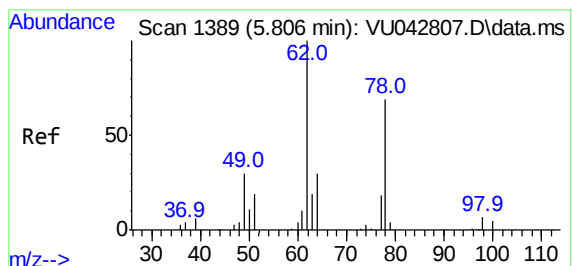
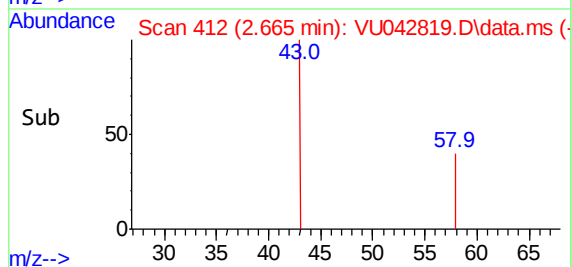
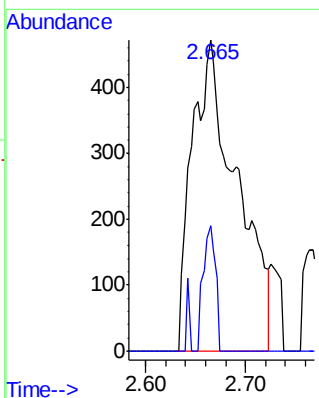
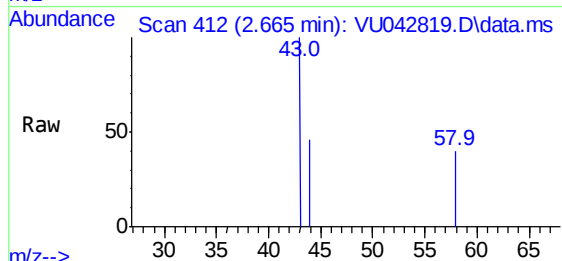




#13
Acetone
Concen: 1.06 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.007 min
Lab File: VU042819.D
Acq: 29 Mar 2021 16:26

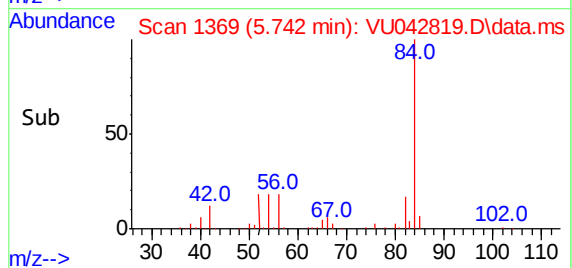
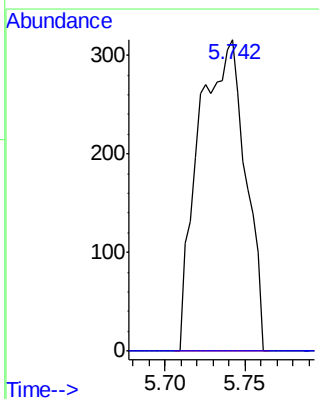
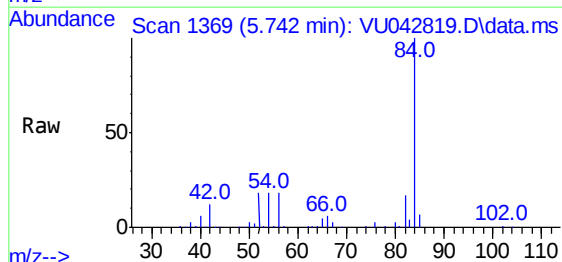
Instrument :
MSVOA_U
ClientSampled :
YAR24

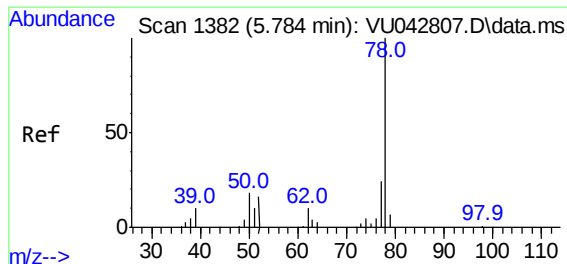
Tgt Ion: 43 Resp: 1469
Ion Ratio Lower Upper
43 100
58 11.2 0.0 55.8



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.064 min
Lab File: VU042819.D
Acq: 29 Mar 2021 16:26

Tgt Ion: 62 Resp: 629
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

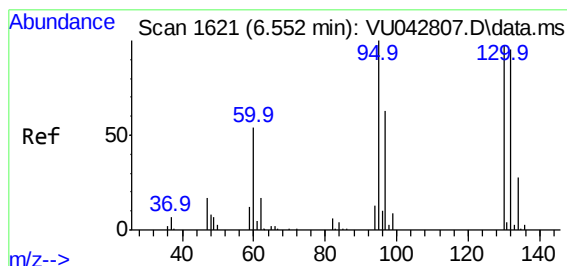
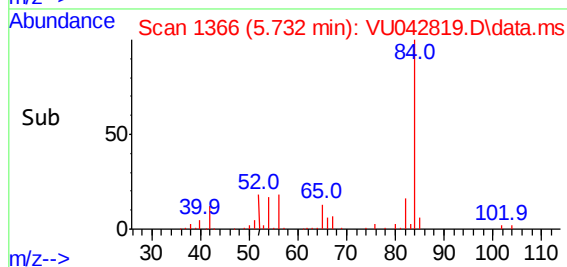
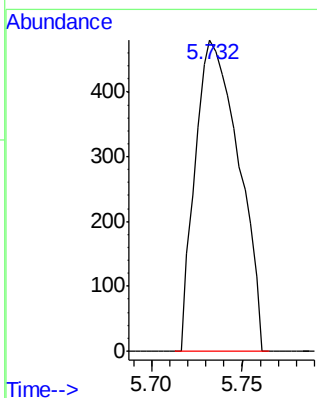
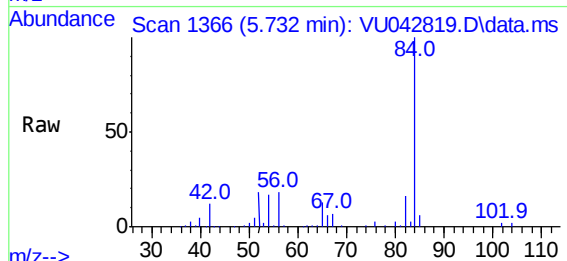




#33
Benzene
Concen: 0.03 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.051 min
Lab File: VU042819.D
Acq: 29 Mar 2021 16:26

Instrument :
MSVOA_U
ClientSampled :
YAR24

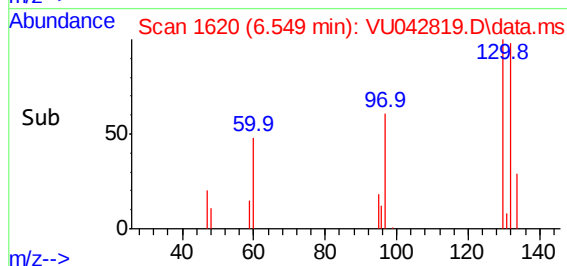
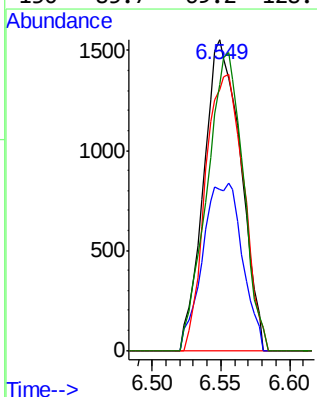
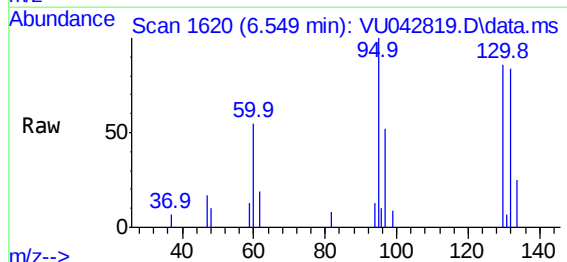
Tgt Ion: 78 Resp: 797

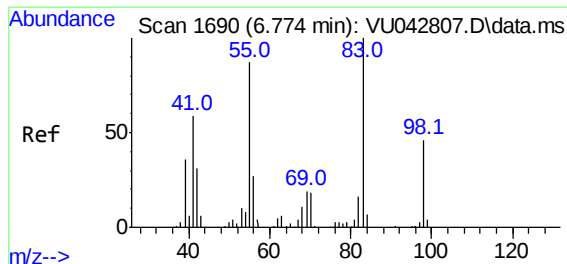


#34
Trichloroethene
Concen: 0.41 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042819.D
Acq: 29 Mar 2021 16:26

Tgt Ion: 95 Resp: 2889

Ion	Ratio	Lower	Upper
95	100		
97	52.0	44.4	82.4
132	84.0	68.0	126.4
130	85.7	69.2	128.4

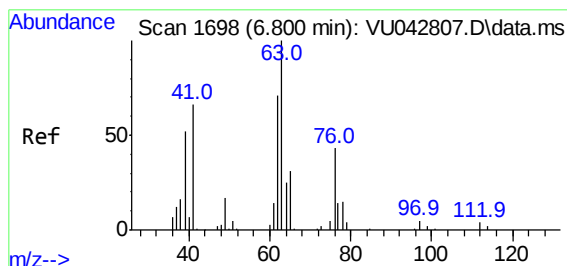
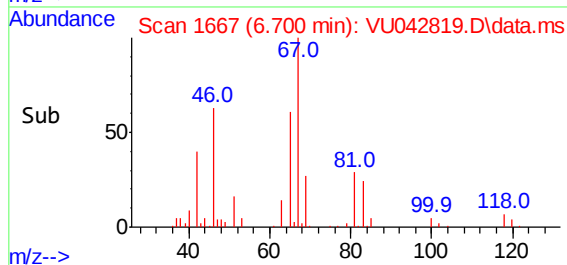
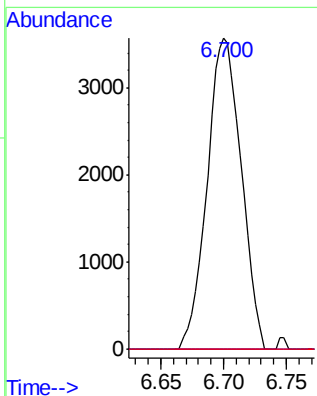
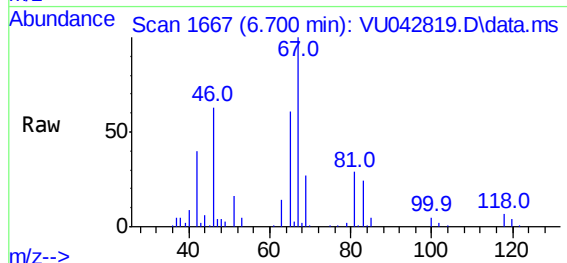




#35
Methylcyclohexane
Concen: 0.63 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042819.D
Acq: 29 Mar 2021 16:26

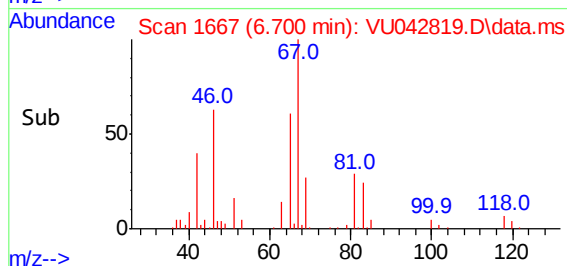
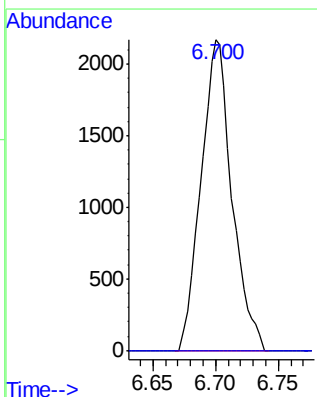
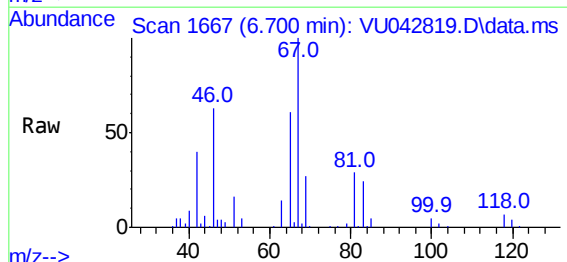
Instrument :
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ClientSampleId :
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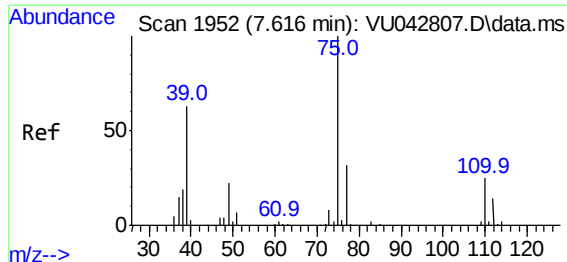
Tgt Ion: 83 Resp: 6753
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.7 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.54 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042819.D
Acq: 29 Mar 2021 16:26

Tgt Ion: 63 Resp: 3712
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

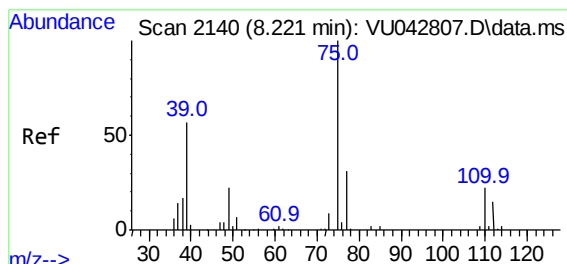
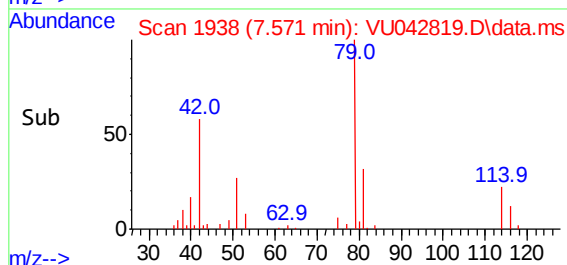
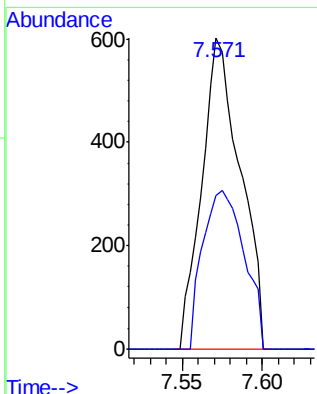
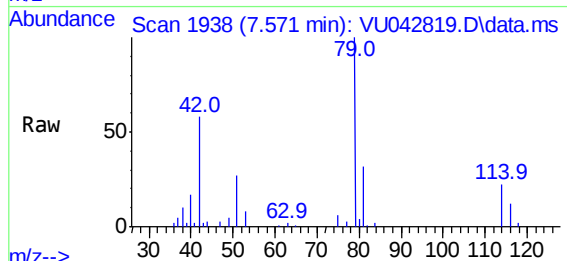




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042819.D
Acq: 29 Mar 2021 16:26

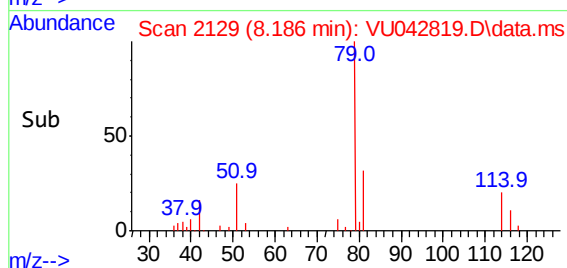
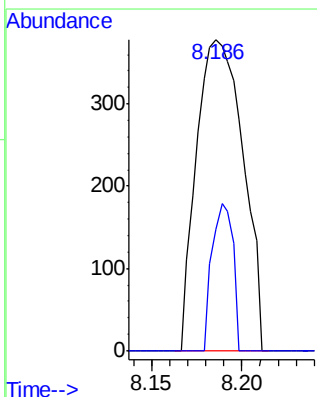
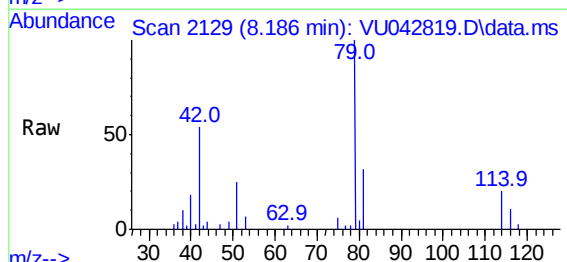
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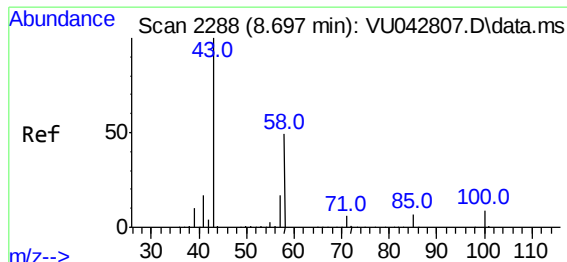
Tgt Ion: 75 Resp: 985
Ion Ratio Lower Upper
75 100
77 49.5 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.035 min
Lab File: VU042819.D
Acq: 29 Mar 2021 16:26

Tgt Ion: 75 Resp: 674
Ion Ratio Lower Upper
75 100
77 39.2 21.8 40.4

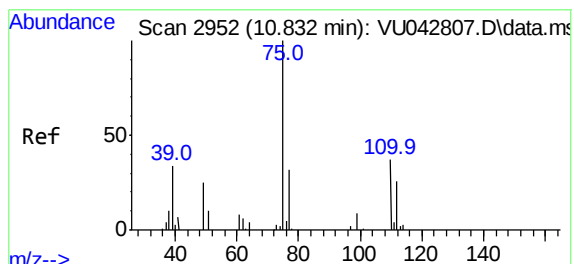
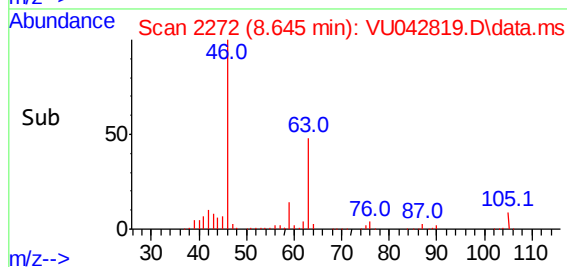
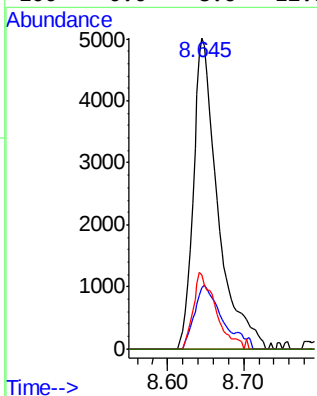
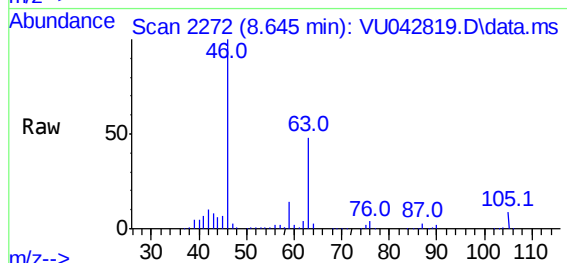




#48
2-Hexanone
Concen: 2.54 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042819.D
Acq: 29 Mar 2021 16:26

Instrument :
MSVOA_U
ClientSampleId :
YAR24

Tgt Ion: 43 Resp: 11160
Ion Ratio Lower Upper
43 100
58 20.9 40.6 61.0#
57 22.5 14.9 22.3#
100 0.0 8.6 12.8#



#59
1,2,3-Trichloropropane
Concen: 0.98 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042819.D
Acq: 29 Mar 2021 16:26

Tgt Ion: 75 Resp: 5009
Ion Ratio Lower Upper
75 100
77 40.0 26.0 39.0#

