

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032921\
 Data File : VU042815.D
 Acq On : 29 Mar 2021 14:38
 Operator : SY/MD
 Sample : M1846-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR22

Quant Time: Mar 30 01:15:13 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)

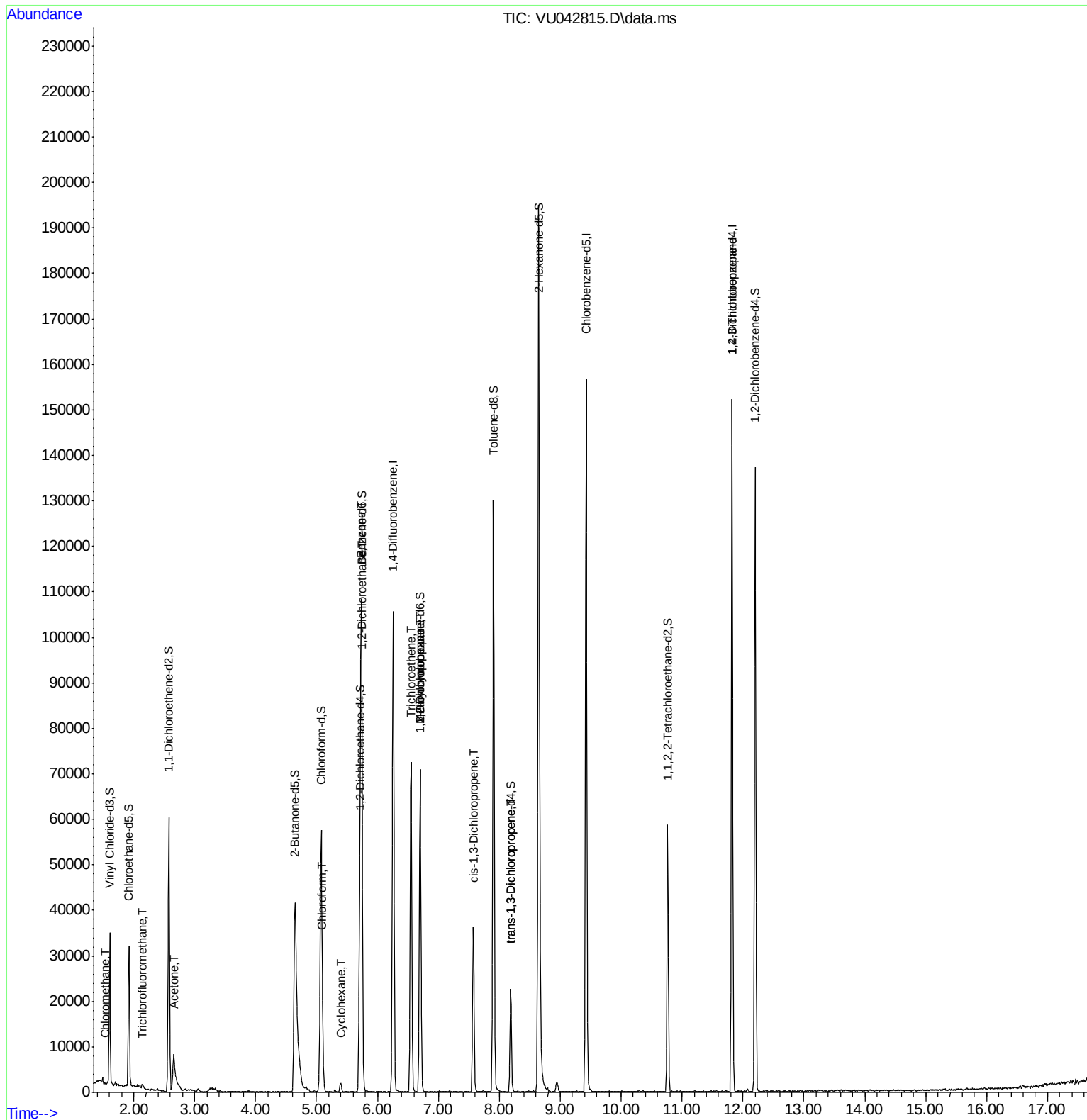
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	81589	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	81194	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	38387	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	22379	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.919	69	20575	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.575	63	37549	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.646	46	96253	53.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.80%
24) Chloroform-d	5.076	84	50186	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.710	65	32209	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.739	84	92037	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.700	67	30082	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.906	98	81089	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloroprop...	8.189	79	12174	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.645	63	67994	47.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.66%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	26414	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	12.201	152	34375	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%
Target Compounds						
3) Chloromethane	1.523	50	412	0.06	ug/L #	42
9) Trichlorofluoromethane	2.141	101	446	0.04	ug/L #	82
13) Acetone	2.658	43	19964	14.51	ug/L	91
25) Chloroform	5.096	83	5809	0.47	ug/L	95
27) 1,2-Dichloroethane	5.745	62	653	0.07	ug/L #	75
30) Cyclohexane	5.401	56	757	0.07	ug/L #	81
33) Benzene	5.732	78	670	0.03	ug/L	100
34) Trichloroethene	6.552	95	22835	3.24	ug/L	96
35) Methylcyclohexane	6.700	83	7374	0.69	ug/L #	15
37) 1,2-Dichloropropane	6.697	63	3508	0.51	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	939	0.09	ug/L #	81
44) trans-1,3-Dichloropropene	8.189	75	700	0.08	ug/L	92
59) 1,2,3-Trichloropropane	11.819	75	5000	0.97	ug/L	90

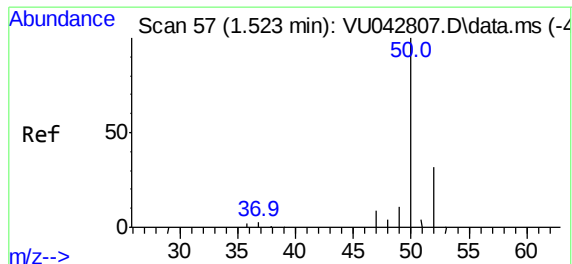
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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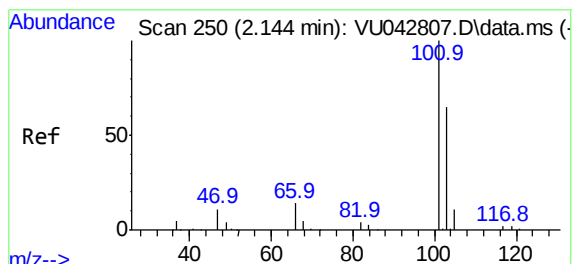
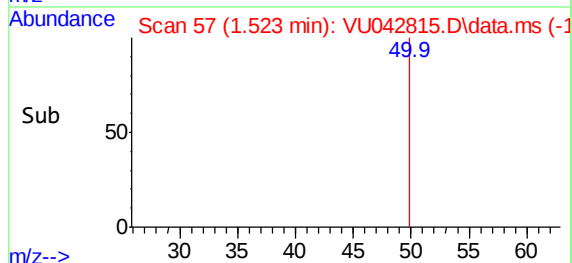
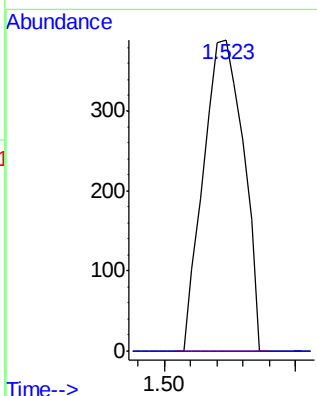
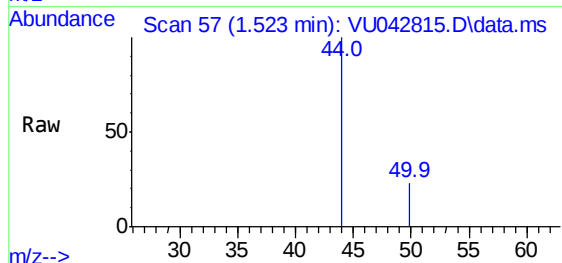




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042815.D
Acq: 29 Mar 2021 14:38

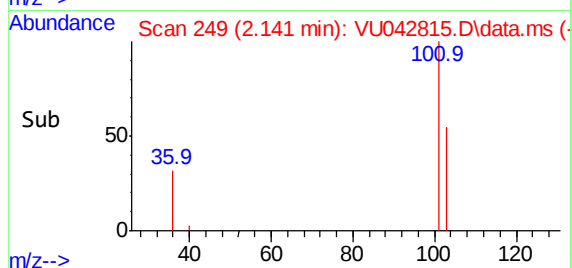
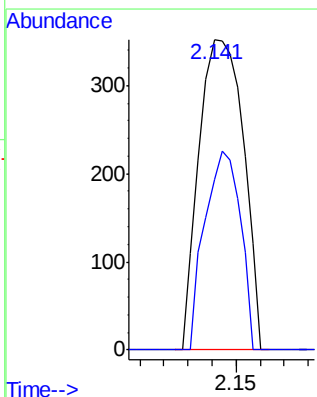
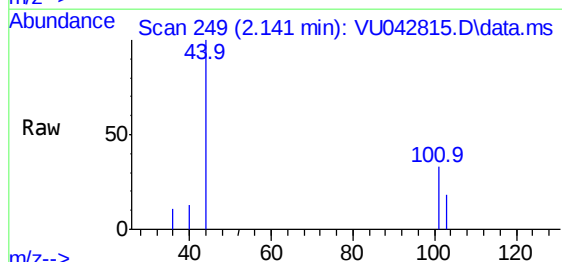
Instrument :
MSVOA_U
ClientSampled :
YAR22

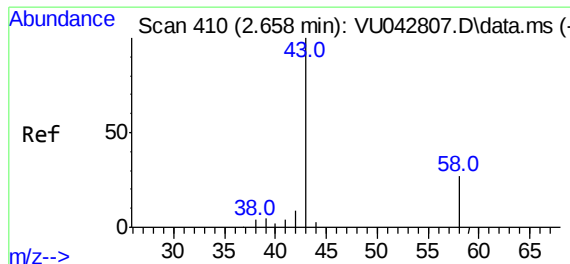
Tgt Ion: 50 Resp: 412
Ion Ratio Lower Upper
50 100
52 0.0 23.0 42.8#



#9
Trichlorofluoromethane
Concen: 0.04 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU042815.D
Acq: 29 Mar 2021 14:38

Tgt Ion: 101 Resp: 446
Ion Ratio Lower Upper
101 100
103 50.9 51.8 77.8#

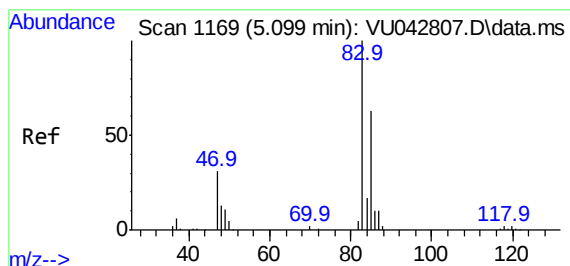
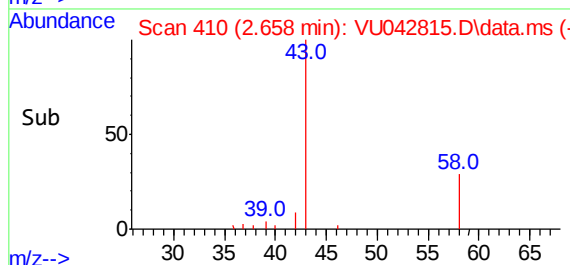
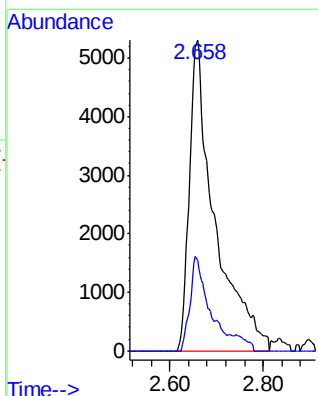
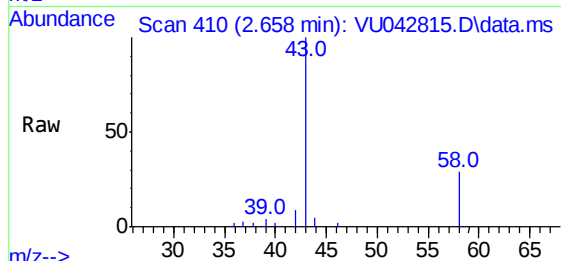




#13
Acetone
Concen: 14.51 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.000 min
Lab File: VU042815.D
Acq: 29 Mar 2021 14:38

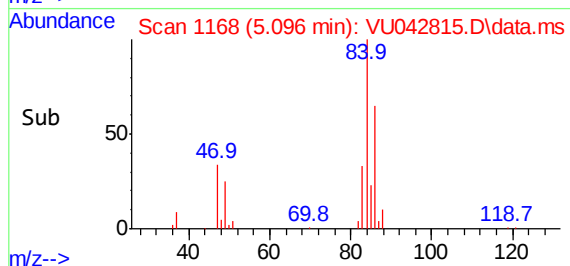
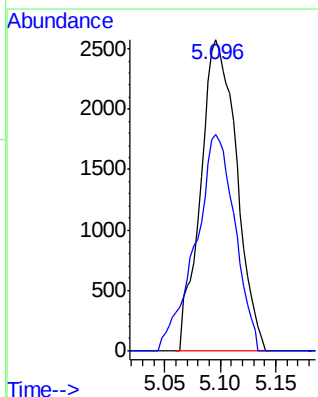
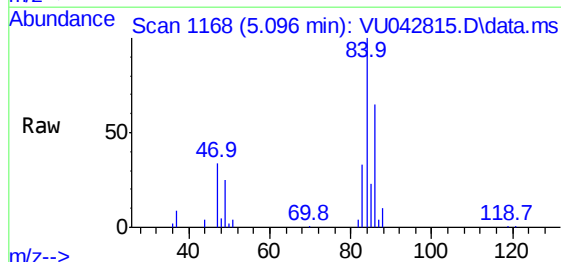
Instrument :
MSVOA_U
ClientSampled :
YAR22

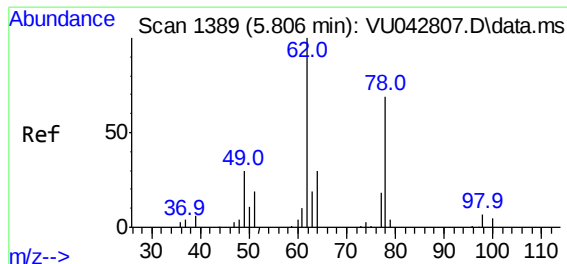
Tgt Ion: 43 Resp: 19964
Ion Ratio Lower Upper
43 100
58 23.1 0.0 55.8



#25
Chloroform
Concen: 0.47 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042815.D
Acq: 29 Mar 2021 14:38

Tgt Ion: 83 Resp: 5809
Ion Ratio Lower Upper
83 100
85 69.3 45.7 84.9

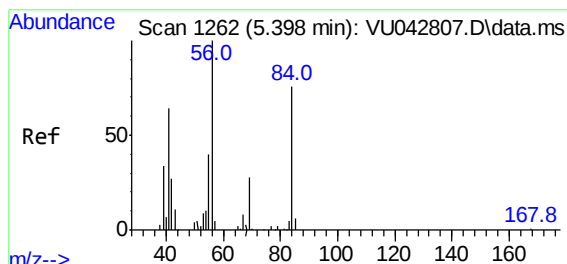
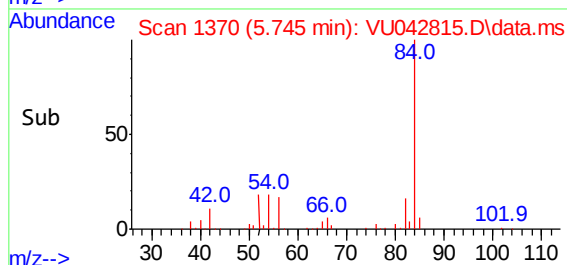
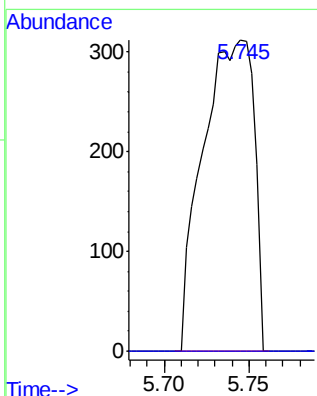
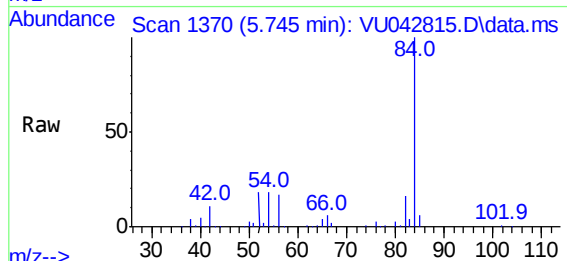




#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.745 min Scan# 1370
Delta R.T. -0.061 min
Lab File: VU042815.D
Acq: 29 Mar 2021 14:38

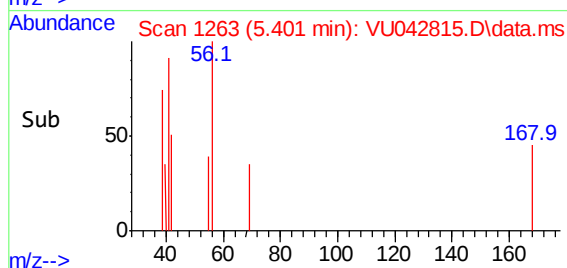
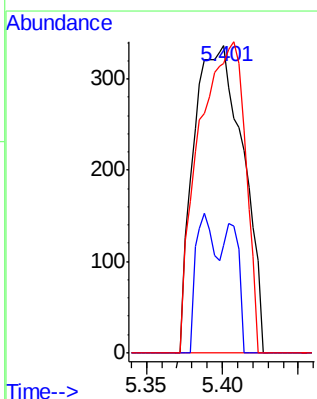
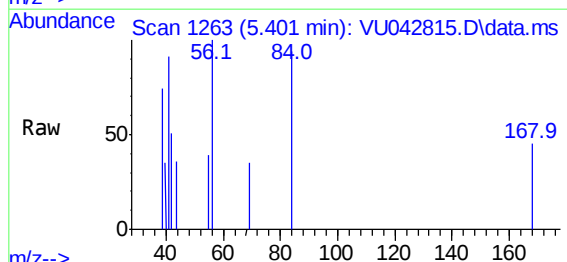
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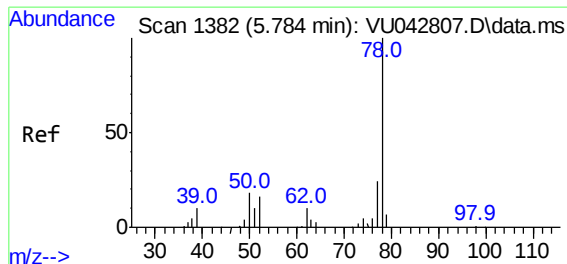
Tgt Ion: 62 Resp: 653
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#30
Cyclohexane
Concen: 0.07 ug/L
RT: 5.401 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VU042815.D
Acq: 29 Mar 2021 14:38

Tgt Ion: 56 Resp: 757
Ion Ratio Lower Upper
56 100
69 13.1 23.7 35.5#
84 95.4 65.3 97.9

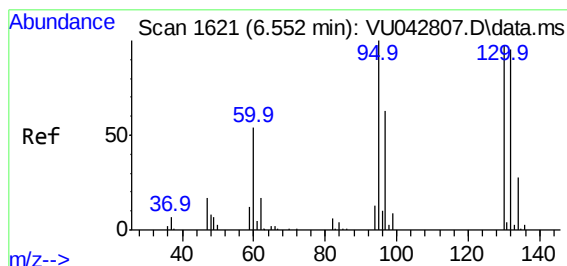
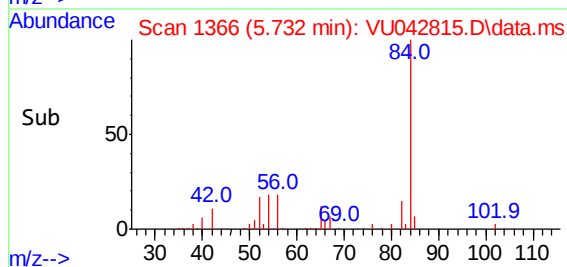
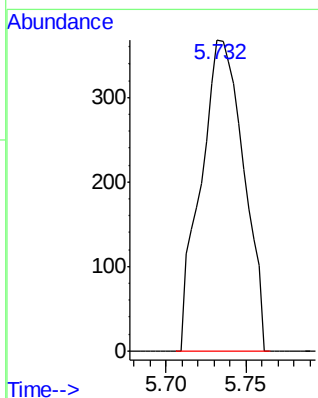
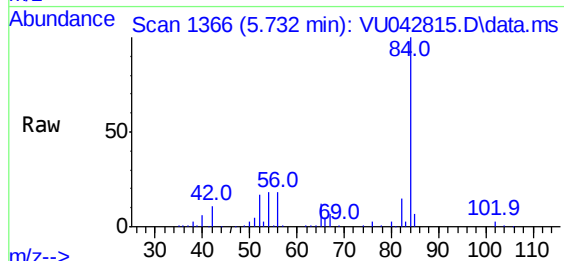




#33
Benzene
Concen: 0.03 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.051 min
Lab File: VU042815.D
Acq: 29 Mar 2021 14:38

Instrument :
MSVOA_U
ClientSampleId :
YAR22

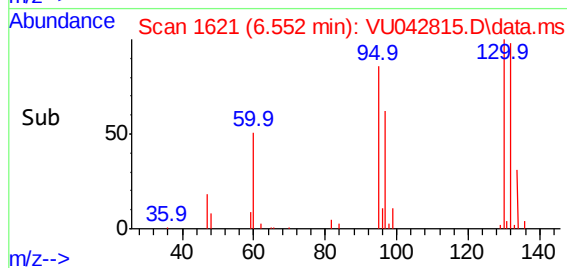
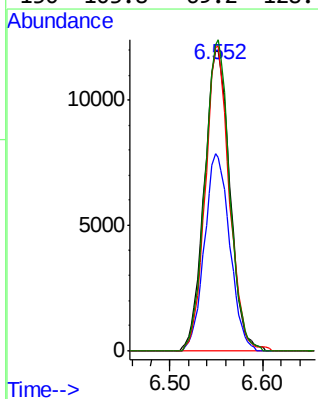
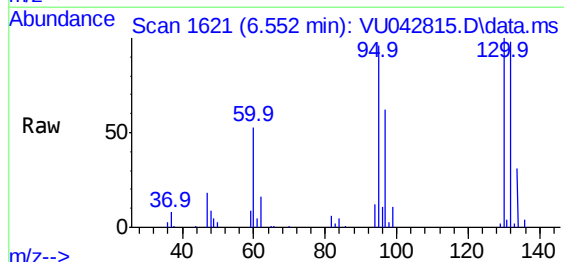
Tgt Ion: 78 Resp: 670

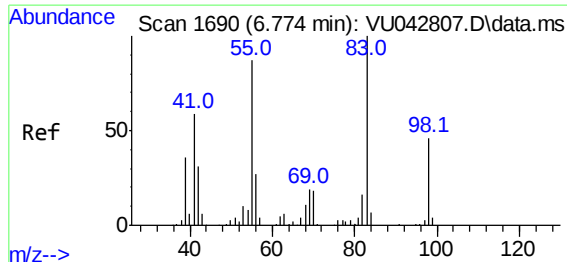


#34
Trichloroethene
Concen: 3.24 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042815.D
Acq: 29 Mar 2021 14:38

Tgt Ion: 95 Resp: 22835

Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.4	82.4
132	101.8	68.0	126.4
130	103.8	69.2	128.4

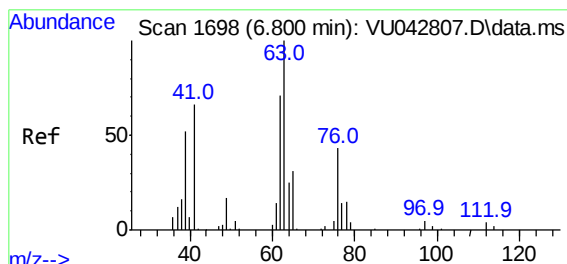
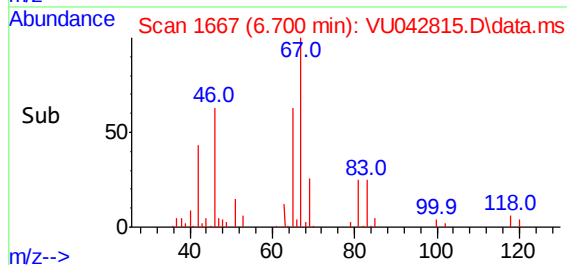
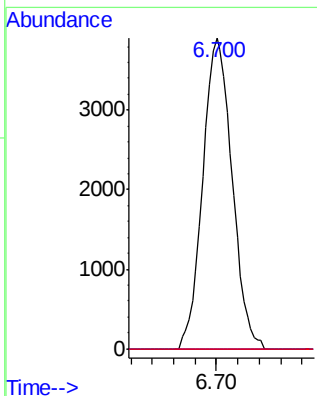
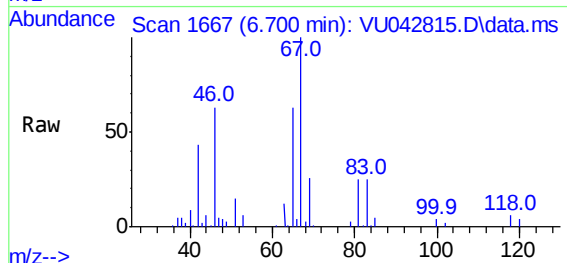




#35
Methylcyclohexane
Concen: 0.69 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042815.D
Acq: 29 Mar 2021 14:38

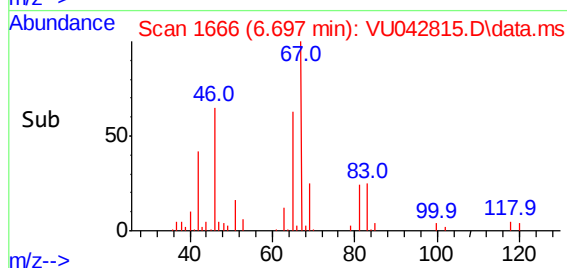
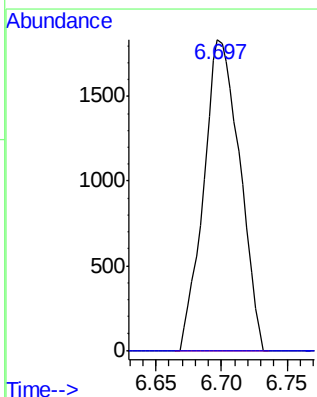
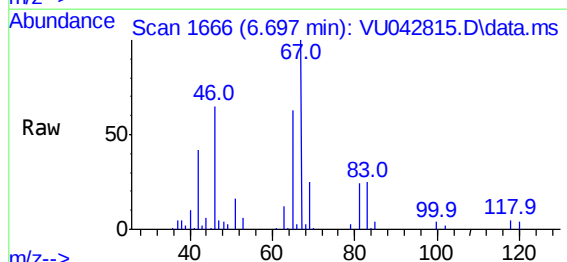
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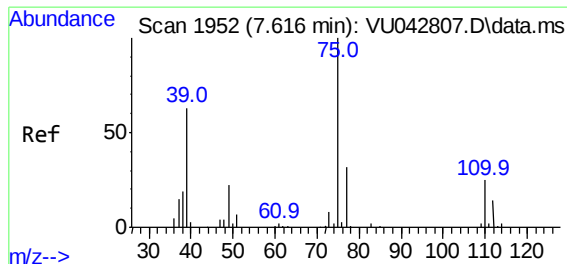
Tgt Ion: 83 Resp: 7374
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 1.2 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.51 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042815.D
Acq: 29 Mar 2021 14:38

Tgt Ion: 63 Resp: 3508
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

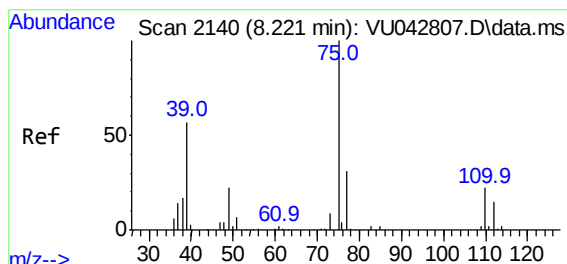
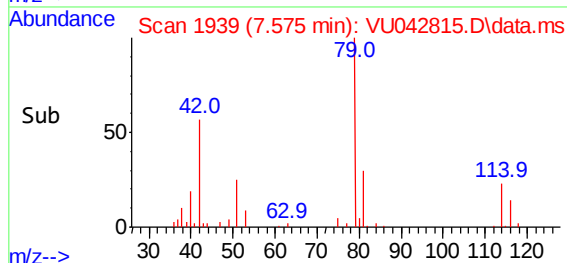
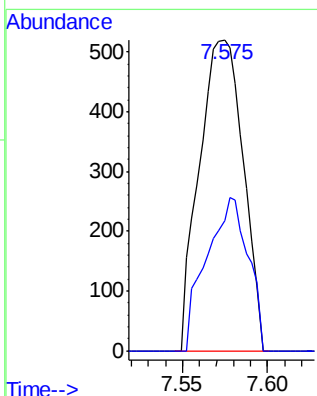
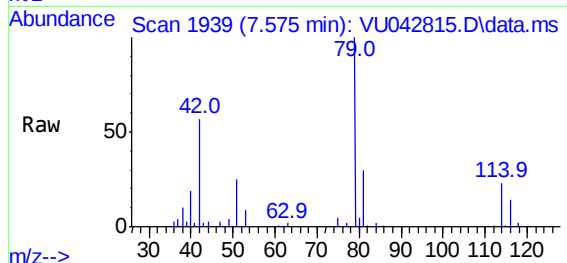




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042815.D
Acq: 29 Mar 2021 14:38

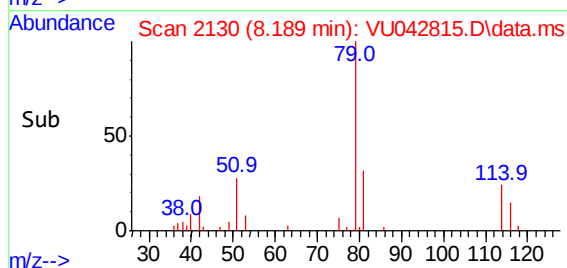
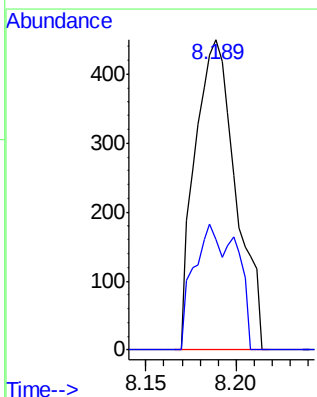
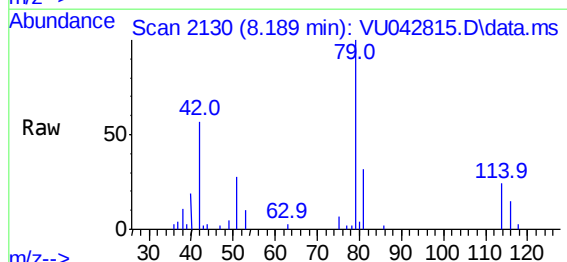
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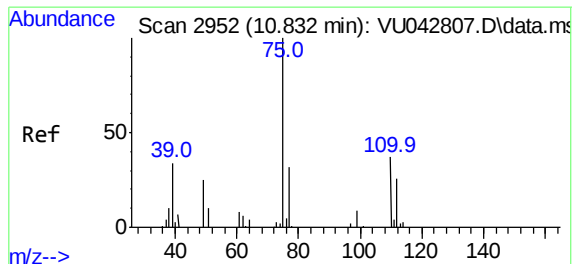
Tgt Ion: 75 Resp: 939
Ion Ratio Lower Upper
75 100
77 41.9 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.032 min
Lab File: VU042815.D
Acq: 29 Mar 2021 14:38

Tgt Ion: 75 Resp: 700
Ion Ratio Lower Upper
75 100
77 35.6 21.8 40.4





#59
 1,2,3-Trichloropropane
 Concen: 0.97 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042815.D
 Acq: 29 Mar 2021 14:38

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR22

Tgt Ion: 75 Resp: 5000
 Ion Ratio Lower Upper
 75 100
 77 38.1 26.0 39.0

