

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
 Data File : VU042239.D
 Acq On : 03 Feb 2021 17:49
 Operator : SY/MD
 Sample : M1259-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E57

Quant Time: Feb 04 04:24:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 04 04:20:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.257	114	103488	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	95592	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	50257	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	19621	2.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.80%
7) Chloroethane-d5	1.919	69	18468	3.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.60%
11) 1,1-Dichloroethene-d2	2.572	63	36824	2.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.00%#
20) 2-Butanone-d5	4.646	46	124824	51.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.48%
24) Chloroform-d	5.073	84	57736	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.710	65	37953	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.736	84	103548	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.700	67	36181	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.906	98	93294	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloroprop...	8.186	79	16151	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.645	63	89165	50.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.36%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	33104	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.202	152	43421	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%
Target Compounds						
3) Chloromethane	1.524	50	437	0.05	ug/L	86
5) Vinyl chloride	1.607	62	7799	0.94	ug/L	95
8) Chloroethane	1.938	64	179	0.04	ug/L #	43
13) Acetone	2.652	43	8615	5.31	ug/L	87
14) Carbon disulfide	2.803	76	1312	0.06	ug/L #	75
25) Chloroform	5.096	83	806	0.06	ug/L	90
30) Cyclohexane	5.398	56	3681	0.27	ug/L	96
35) Methylcyclohexane	6.700	83	8281	0.65	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	4156	0.56	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1167	0.10	ug/L #	60
42) Toluene	7.977	91	2258	0.07	ug/L	98
44) trans-1,3-Dichloropropene	8.192	75	699	0.06	ug/L #	63
47) Tetrachloroethene	8.555	164	615	0.10	ug/L	82
48) 2-Hexanone	8.642	43	11851	2.69	ug/L #	69
49) Dibromochloromethane	8.562	129	499	0.07	ug/L #	12
52) Ethylbenzene	9.578	91	9922	0.28	ug/L	92
53) m,p-Xylene	9.700	106	19335	1.48	ug/L	97
54) o-Xylene	10.108	106	8343	0.66	ug/L	91
59) 1,2,3-Trichloropropane	11.819	75	5841	1.12	ug/L	91

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 04 04:20:04 2021
Response via : Initial Calibration

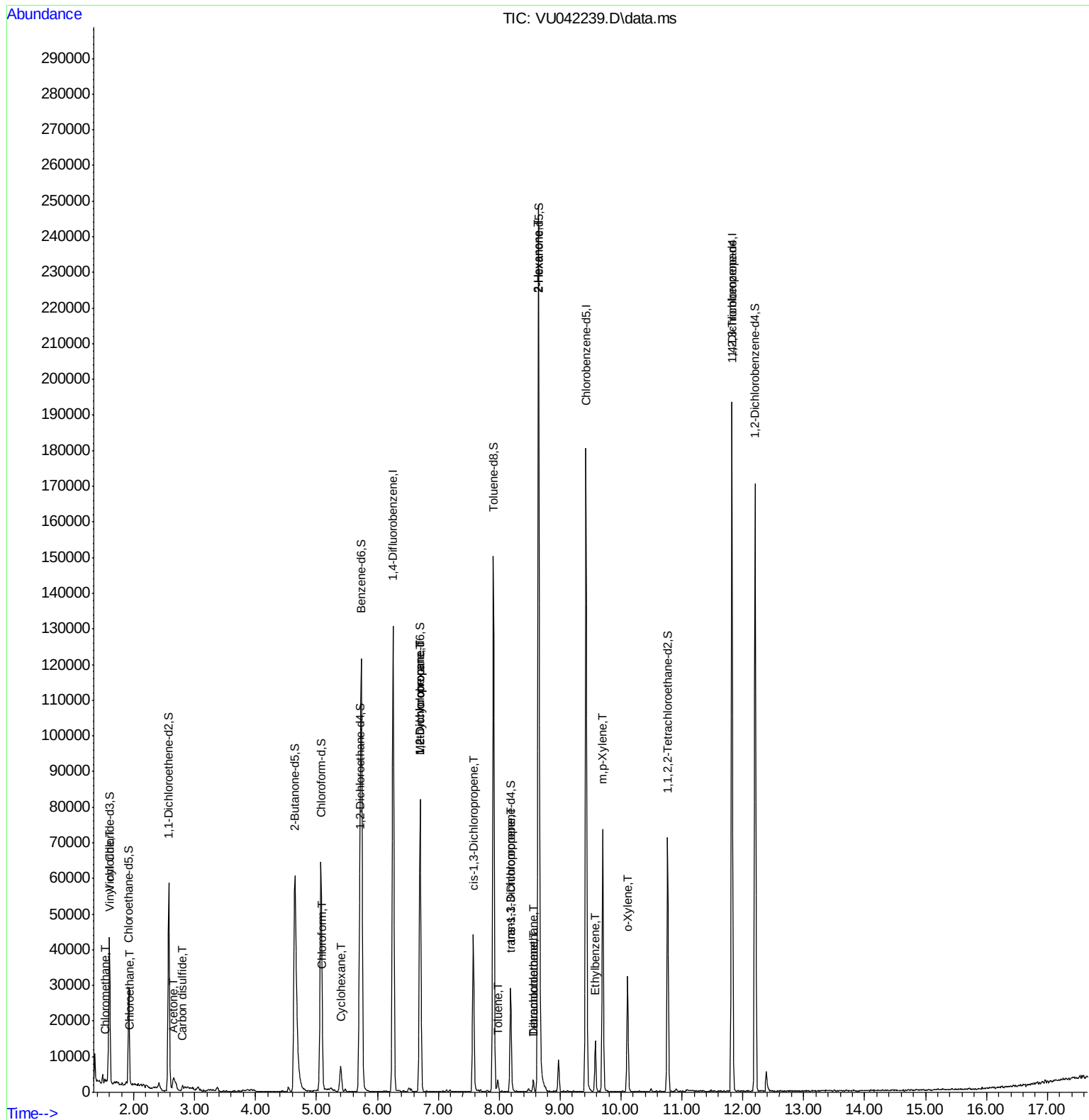
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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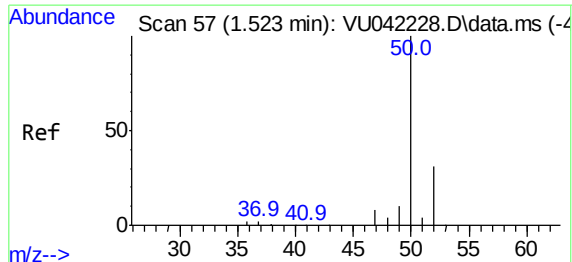
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.05 ug/L

RT: 1.524 min Scan# 57

Delta R.T. 0.000 min

Lab File: VU042239.D

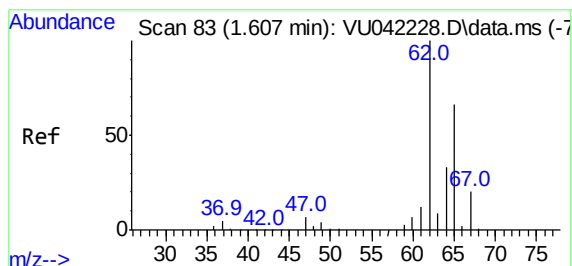
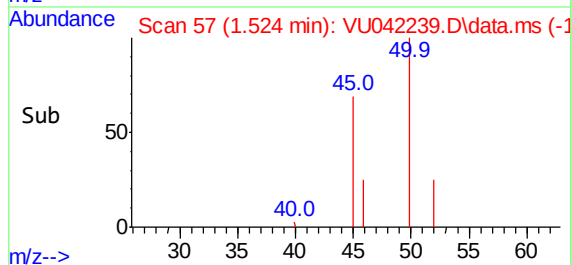
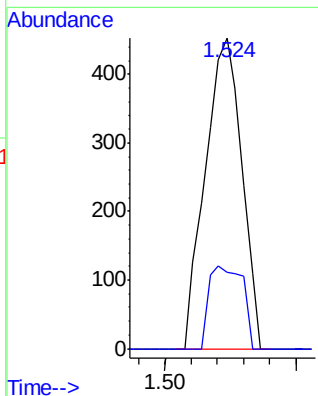
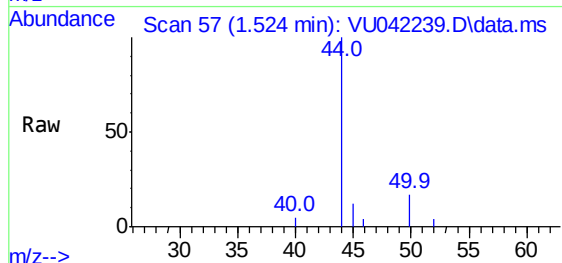
Acq: 03 Feb 2021 17:49

Tgt Ion: 50 Resp: 437

Ion Ratio Lower Upper

50 100

52 24.7 23.0 42.8



#5

Vinyl chloride

Concen: 0.94 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU042239.D

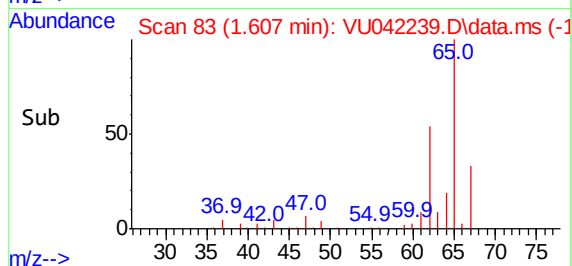
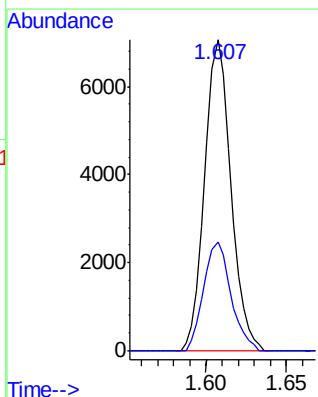
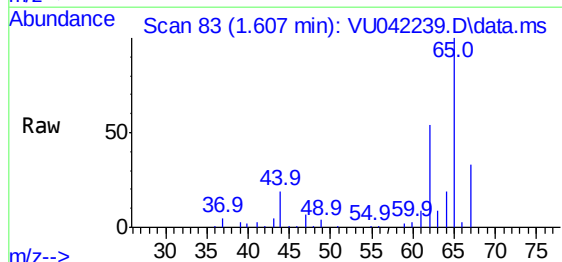
Acq: 03 Feb 2021 17:49

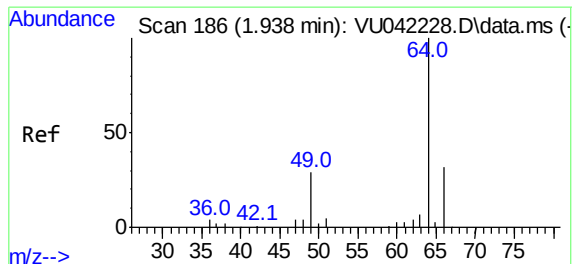
Tgt Ion: 62 Resp: 7799

Ion Ratio Lower Upper

62 100

64 35.0 22.7 42.1

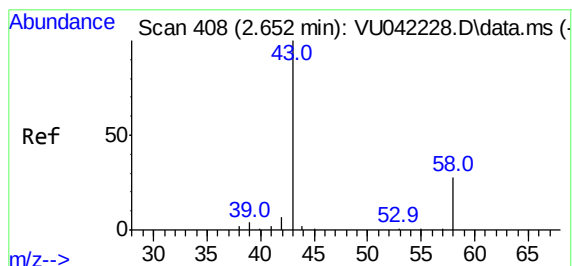
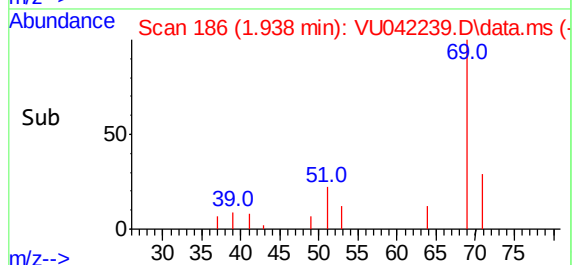
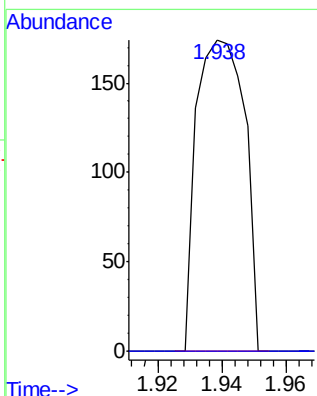
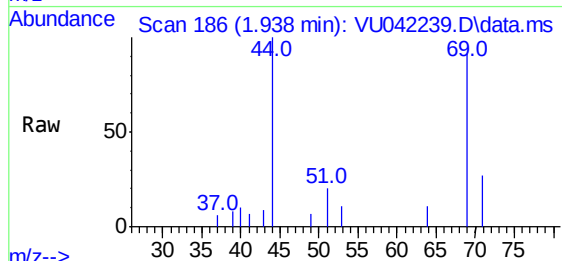




#8
Chloroethane
Concen: 0.04 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU042239.D
Acq: 03 Feb 2021 17:49

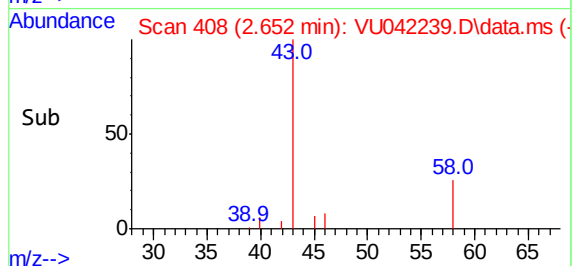
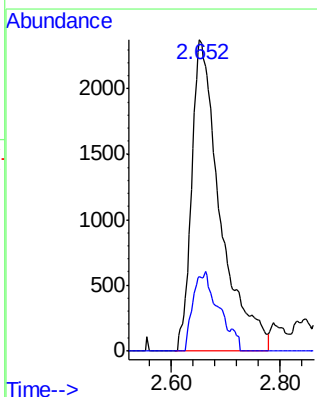
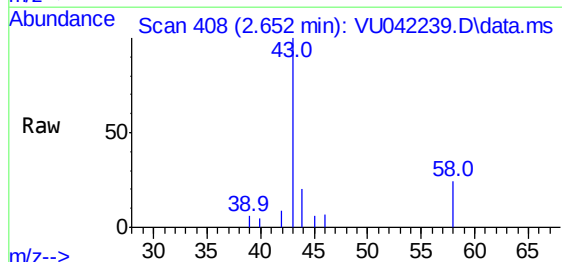
Instrument :
MSVOA_U
ClientSampleId :
F1E57

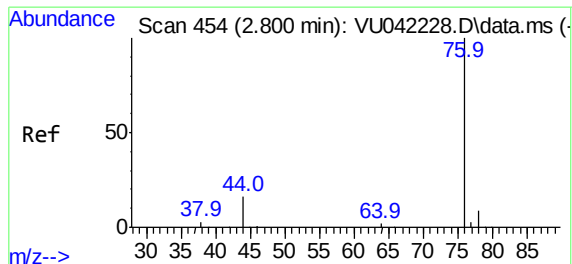
Tgt Ion: 64 Resp: 179
Ion Ratio Lower Upper
64 100
66 0.0 22.2 41.2#



#13
Acetone
Concen: 5.31 ug/L
RT: 2.652 min Scan# 408
Delta R.T. 0.000 min
Lab File: VU042239.D
Acq: 03 Feb 2021 17:49

Tgt Ion: 43 Resp: 8615
Ion Ratio Lower Upper
43 100
58 21.3 0.0 55.8

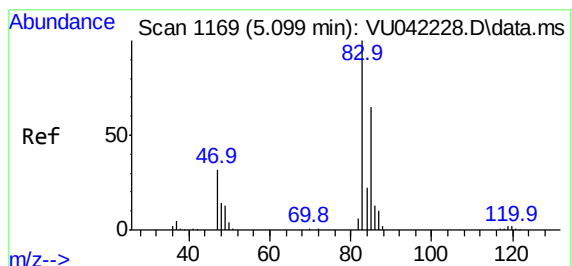
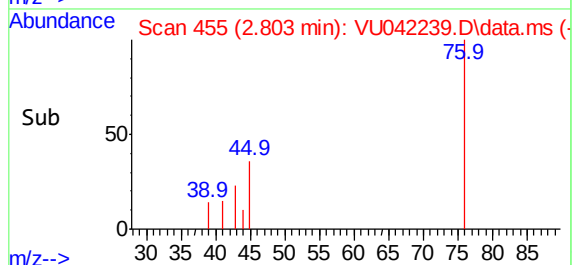
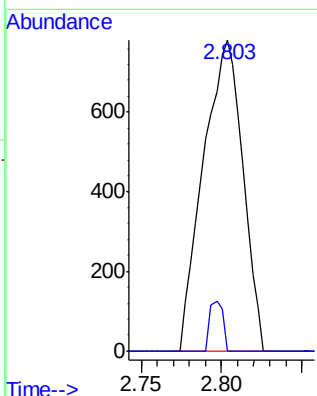
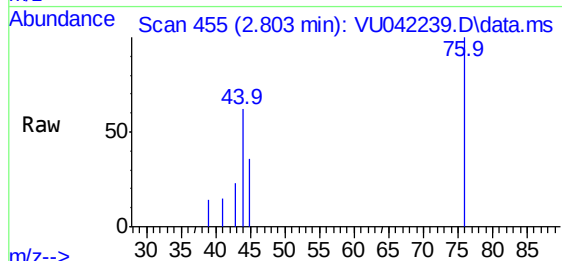




#14
Carbon disulfide
Concen: 0.06 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU042239.D
Acq: 03 Feb 2021 17:49

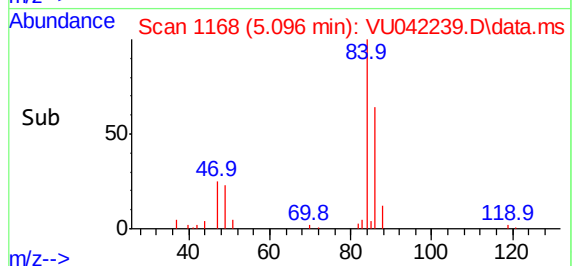
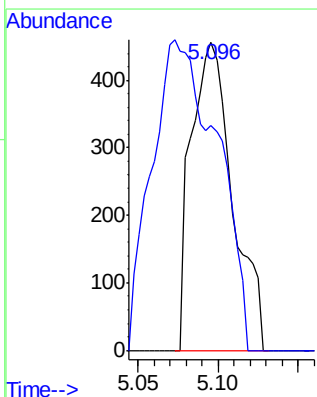
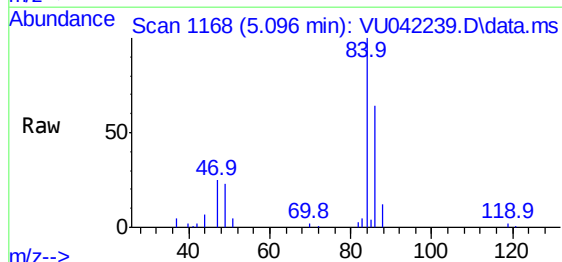
Instrument :
MSVOA_U
ClientSampled :
F1E57

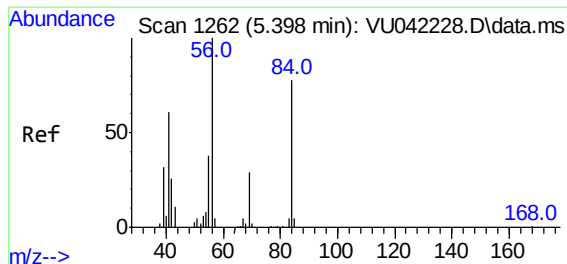
Tgt Ion: 76 Resp: 1312
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#25
Chloroform
Concen: 0.06 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042239.D
Acq: 03 Feb 2021 17:49

Tgt Ion: 83 Resp: 806
Ion Ratio Lower Upper
83 100
85 72.9 45.7 84.9

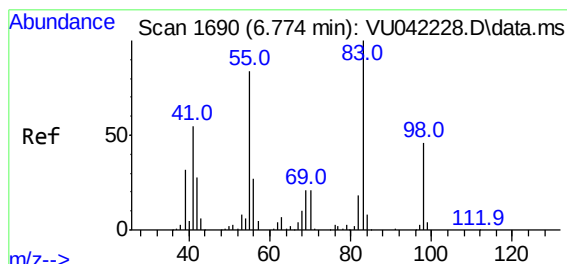
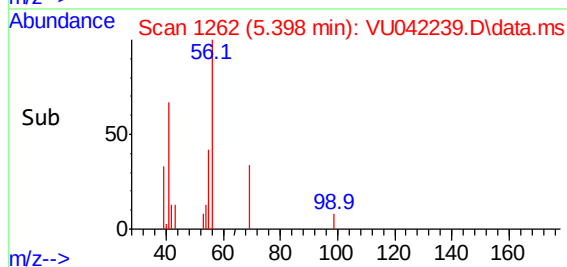
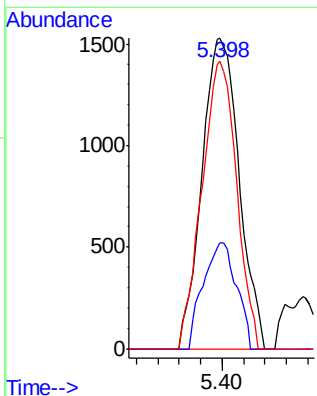
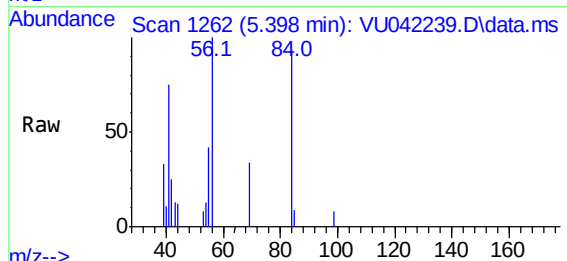




#30
Cyclohexane
Concen: 0.27 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU042239.D
Acq: 03 Feb 2021 17:49

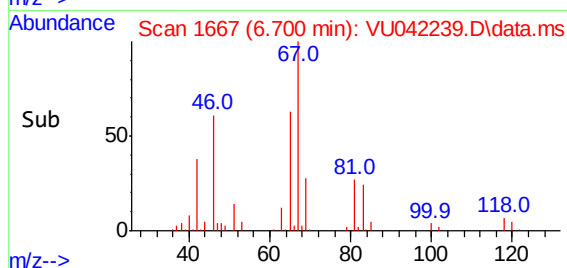
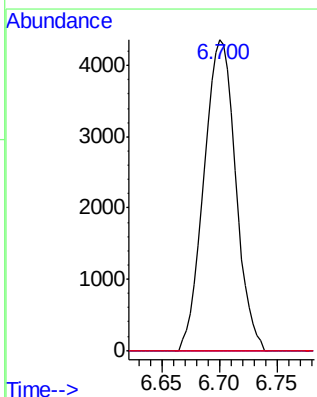
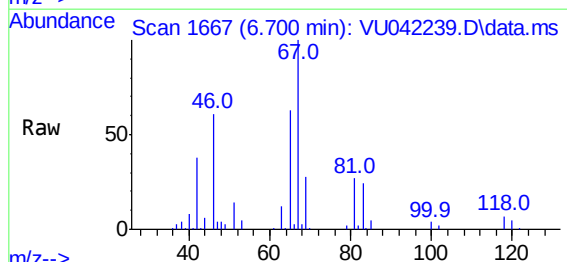
Instrument :
MSVOA_U
ClientSampled :
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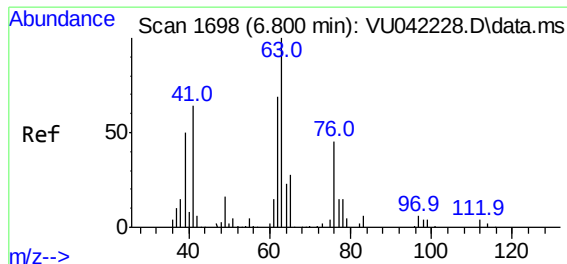
Tgt Ion: 56 Resp: 3681
Ion Ratio Lower Upper
56 100
69 30.4 23.7 35.5
84 86.2 65.3 97.9



#35
Methylcyclohexane
Concen: 0.65 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042239.D
Acq: 03 Feb 2021 17:49

Tgt Ion: 83 Resp: 8281
Ion Ratio Lower Upper
83 100
55 1.1 68.2 102.4#
98 0.0 39.7 59.5#

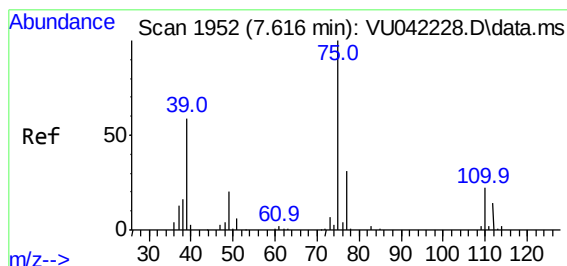
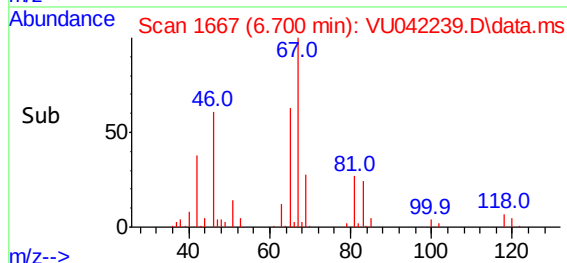
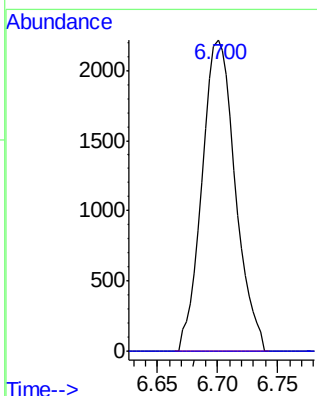
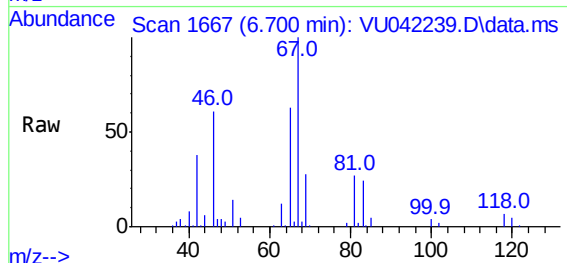




#37
1,2-Dichloropropane
Concen: 0.56 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.099 min
Lab File: VU042239.D
Acq: 03 Feb 2021 17:49

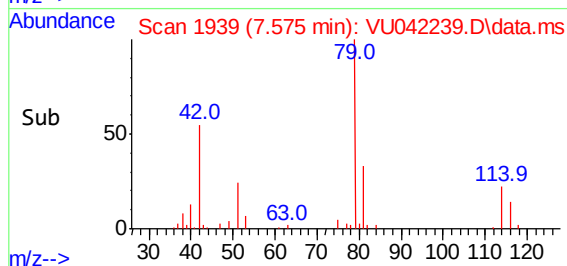
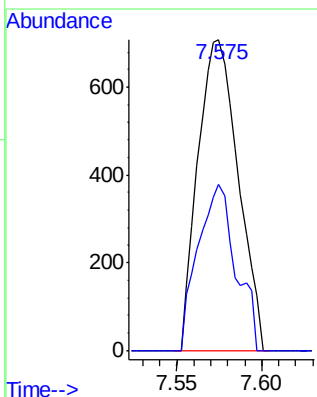
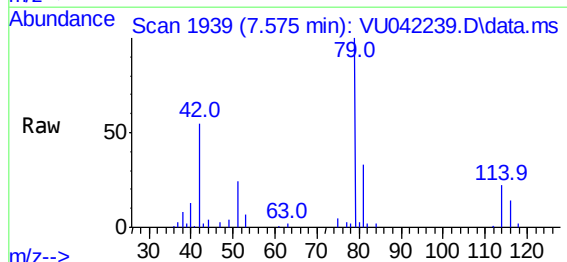
Instrument :
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ClientSampled :
F1E57

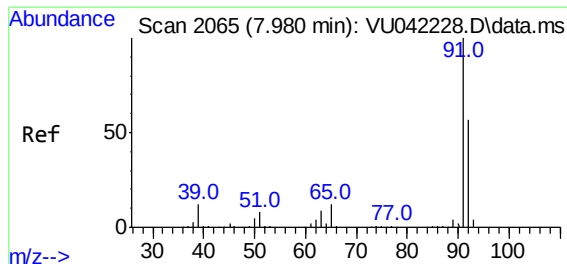
Tgt Ion: 63 Resp: 4156
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042239.D
Acq: 03 Feb 2021 17:49

Tgt Ion: 75 Resp: 1167
Ion Ratio Lower Upper
75 100
77 53.7 22.0 40.8#

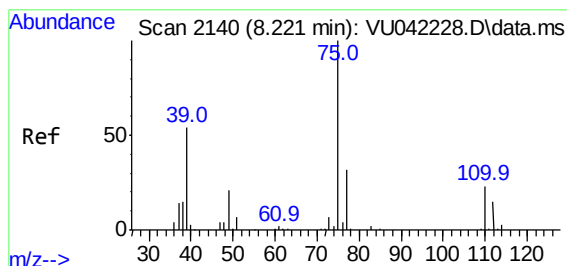
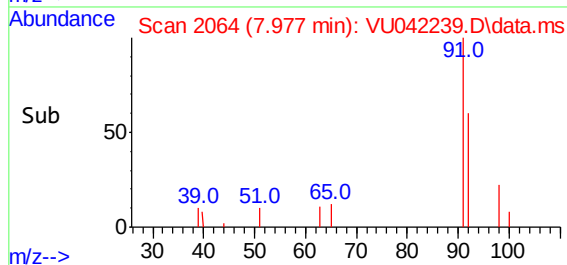
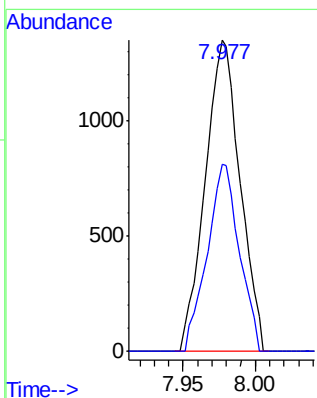
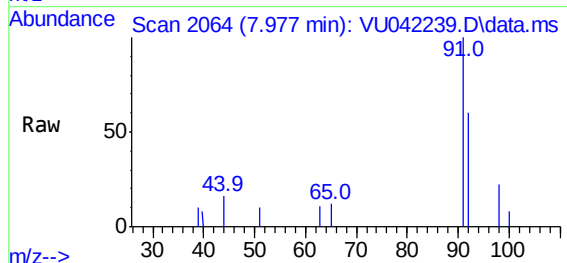




#42
Toluene
Concen: 0.07 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. -0.003 min
Lab File: VU042239.D
Acq: 03 Feb 2021 17:49

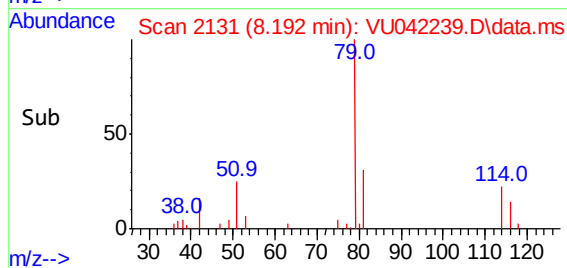
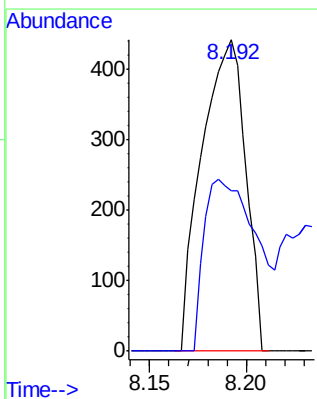
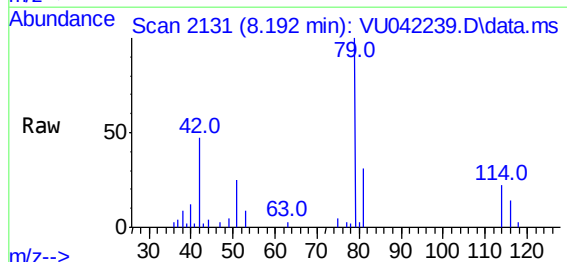
Instrument :
MSVOA_U
ClientSampleId :
F1E57

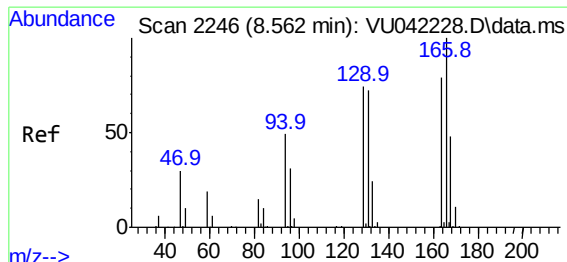
Tgt Ion: 91 Resp: 2258
Ion Ratio Lower Upper
91 100
92 60.2 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.029 min
Lab File: VU042239.D
Acq: 03 Feb 2021 17:49

Tgt Ion: 75 Resp: 699
Ion Ratio Lower Upper
75 100
77 51.6 21.8 40.4#



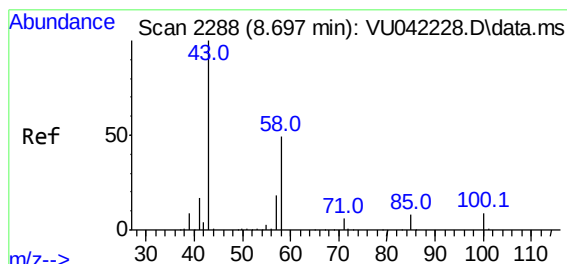
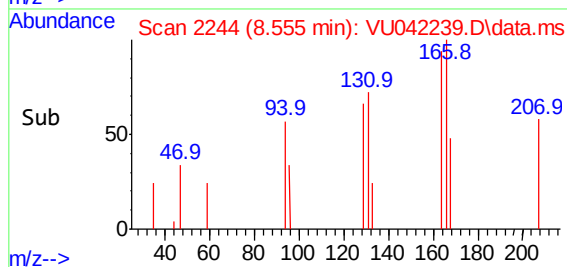
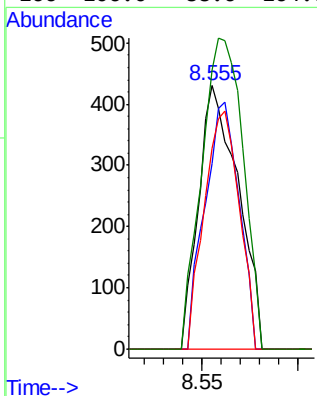
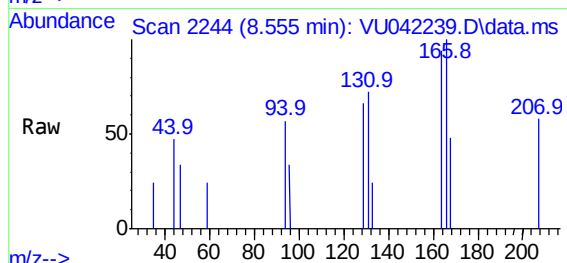


#47
Tetrachloroethene
Concen: 0.10 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.006 min
Lab File: VU042239.D
Acq: 03 Feb 2021 17:49

Instrument :
MSVOA_U
ClientSampled :
F1E57

Tgt Ion:164 Resp: 615

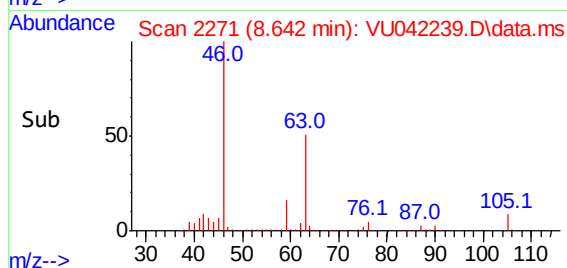
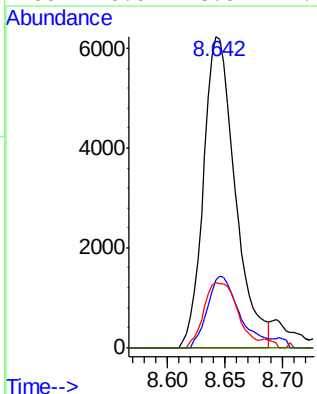
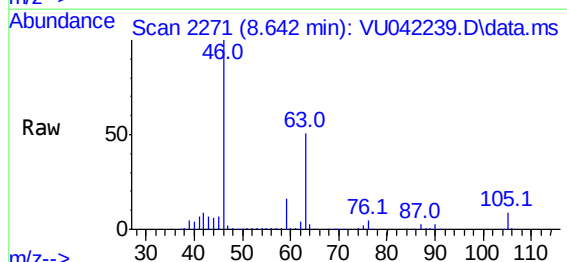
Ion	Ratio	Lower	Upper
164	100		
129	70.5	64.3	119.5
131	76.3	62.2	115.6
166	106.0	88.6	164.6

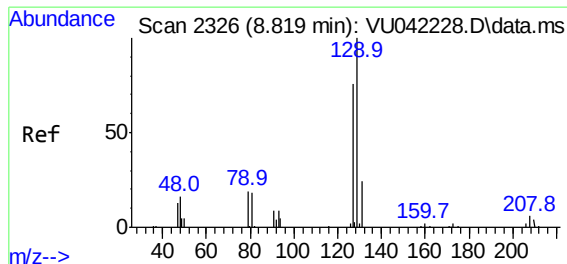


#48
2-Hexanone
Concen: 2.69 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.054 min
Lab File: VU042239.D
Acq: 03 Feb 2021 17:49

Tgt Ion: 43 Resp: 11851

Ion	Ratio	Lower	Upper
43	100		
58	23.2	40.6	61.0#
57	22.3	14.9	22.3
100	0.0	8.6	12.8#

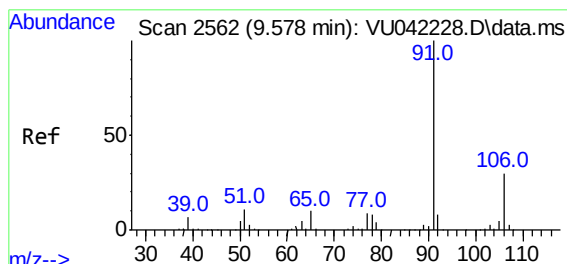
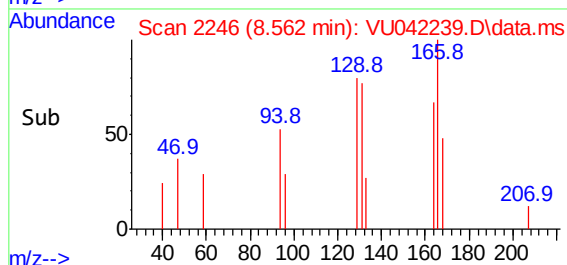
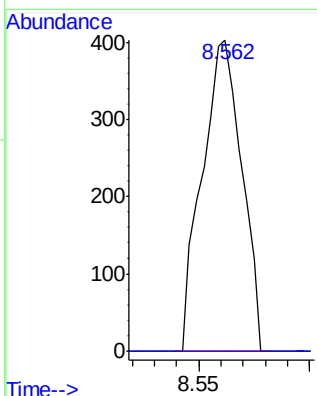
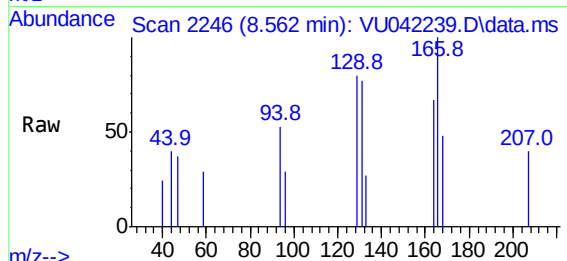




#49
Dibromochloromethane
Concen: 0.07 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042239.D
Acq: 03 Feb 2021 17:49

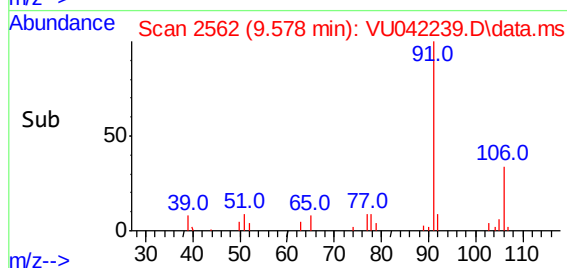
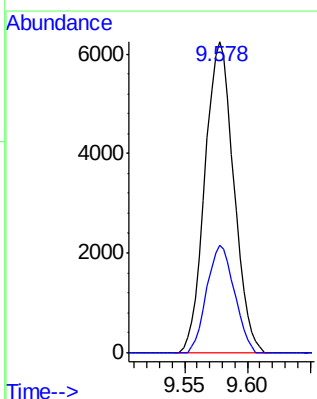
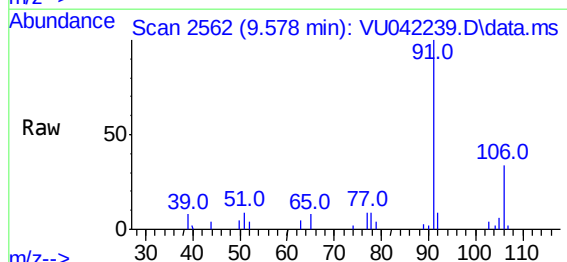
Instrument :
MSVOA_U
ClientSampleId :
F1E57

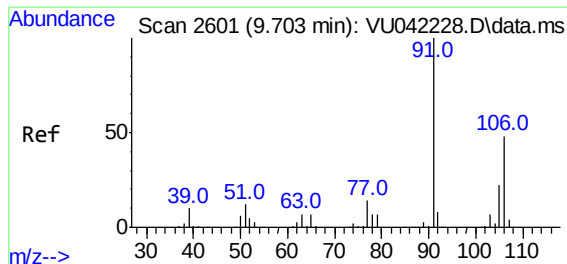
Tgt Ion:129 Resp: 499
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#52
Ethylbenzene
Concen: 0.28 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042239.D
Acq: 03 Feb 2021 17:49

Tgt Ion: 91 Resp: 9922
Ion Ratio Lower Upper
91 100
106 34.4 21.1 39.3

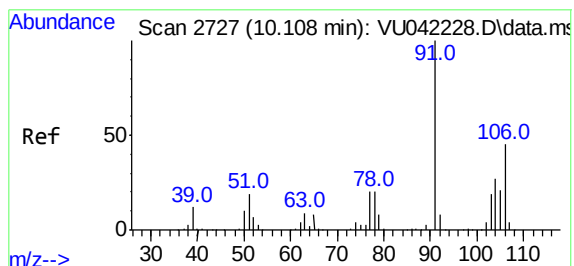
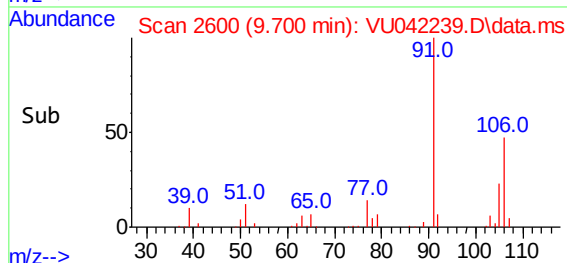
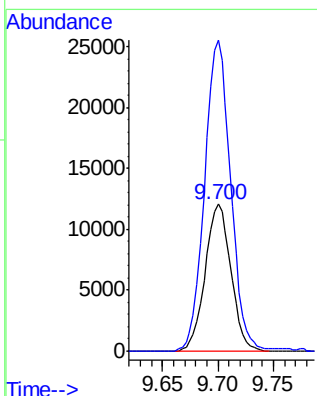
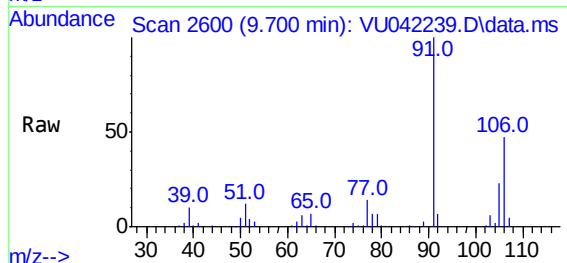




#53
m,p-Xylene
Concen: 1.48 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU042239.D
Acq: 03 Feb 2021 17:49

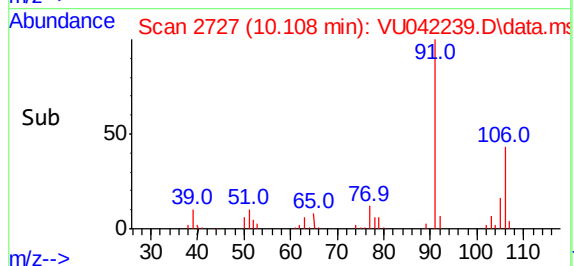
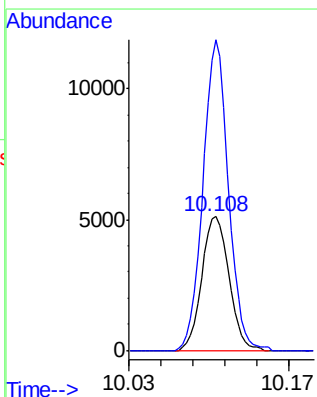
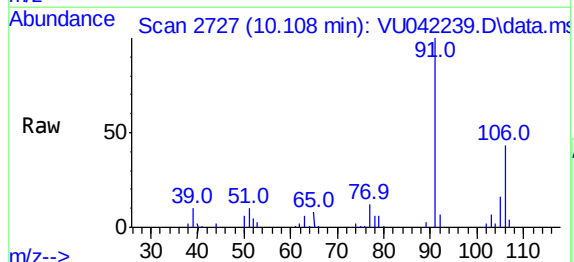
Instrument :
MSVOA_U
ClientSampleId :
F1E57

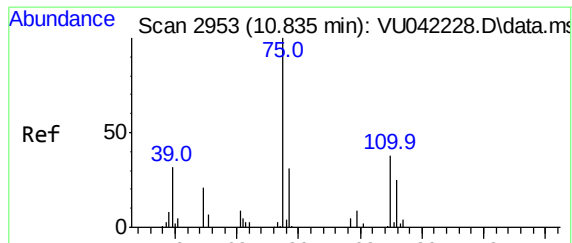
Tgt Ion:106 Resp: 19335
Ion Ratio Lower Upper
106 100
91 211.9 145.1 269.5



#54
o-Xylene
Concen: 0.66 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042239.D
Acq: 03 Feb 2021 17:49

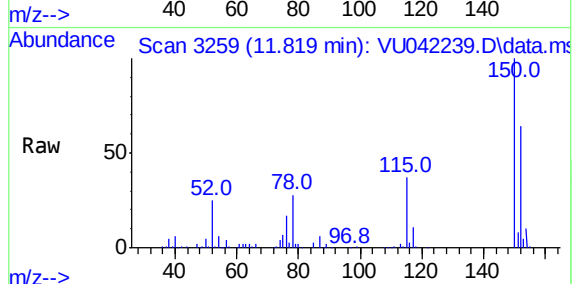
Tgt Ion:106 Resp: 8343
Ion Ratio Lower Upper
106 100
91 232.7 153.0 284.2





#59
 1,2,3-Trichloropropane
 Concen: 1.12 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.984 min
 Lab File: VU042239.D
 Acq: 03 Feb 2021 17:49

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E57



Tgt Ion: 75 Resp: 5841

Ion	Ratio	Lower	Upper
75	100		
77	37.7	26.0	39.0

