

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
 Data File : VU042245.D
 Acq On : 03 Feb 2021 20:14
 Operator : SY/MD
 Sample : M1259-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E63

Quant Time: Feb 04 04:27:29 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	6.259	114	101614	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	92950	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	49625	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	30347	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.919	69	26387	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.575	63	55167	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	4.645	46	124502	52.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.10%
24) Chloroform-d	5.073	84	66859	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.713	65	43062	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.735	84	126645	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.700	67	41718	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.906	98	116834	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
43) trans-1,3-Dichloroprop...	8.189	79	17130	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.645	63	89938	52.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.10%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	33660	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	46636	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%
Target Compounds						
3) Chloromethane	1.520	50	441	0.05	ug/L	95
5) Vinyl chloride	1.607	62	26064	3.19	ug/L	98
8) Chloroethane	1.941	64	375	0.08	ug/L #	66
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	407	0.06	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	422	0.06	ug/L #	1
13) Acetone	2.658	43	3536	2.22	ug/L	84
25) Chloroform	5.096	83	1039	0.07	ug/L	96
27) 1,2-Dichloroethane	5.809	62	566	0.06	ug/L #	75
30) Cyclohexane	5.401	56	24659	1.87	ug/L	96
33) Benzene	5.787	78	4886	0.18	ug/L	100
35) Methylcyclohexane	6.700	83	9233	0.75	ug/L #	14
37) 1,2-Dichloropropane	6.703	63	4804	0.67	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1202	0.10	ug/L #	59
42) Toluene	7.976	91	3040	0.10	ug/L	90
44) trans-1,3-Dichloropropene	8.189	75	720	0.07	ug/L #	50
47) Tetrachloroethene	8.558	164	1015	0.17	ug/L	85
48) 2-Hexanone	8.645	43	13534	3.16	ug/L #	69
49) Dibromochloromethane	8.565	129	940	0.13	ug/L #	12
52) Ethylbenzene	9.578	91	6867	0.20	ug/L	96
53) m,p-Xylene	9.700	106	10850	0.85	ug/L	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
Data File : VU042245.D
Acq On : 03 Feb 2021 20:14
Operator : SY/MD
Sample : M1259-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F1E63

Quant Time: Feb 04 04:27:29 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

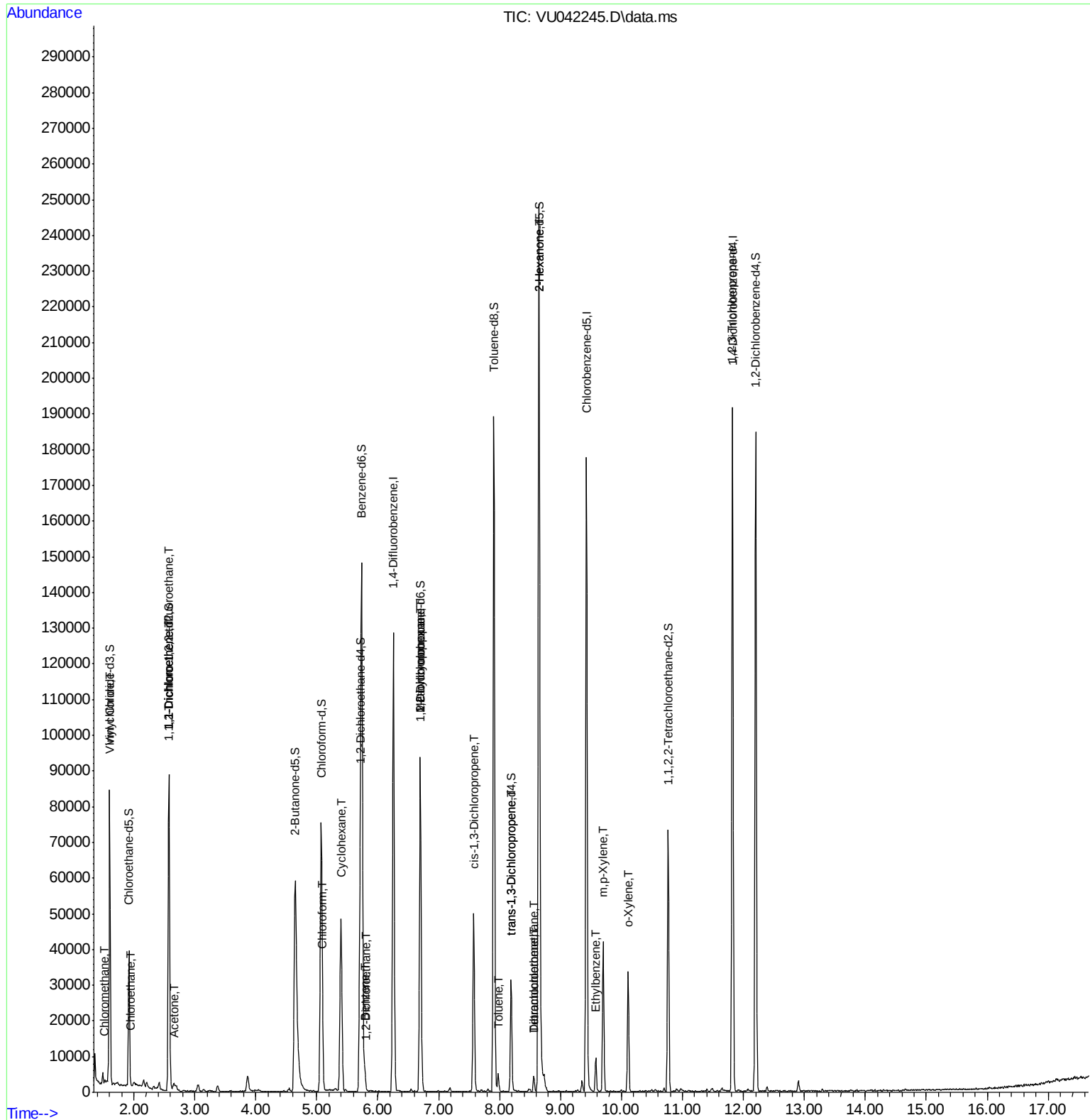
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-Xylene	10.108	106	8270	0.67	ug/L	99
59) 1,2,3-Trichloropropane	11.819	75	5393	1.06	ug/L	91

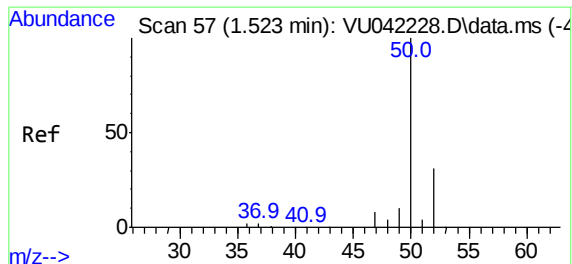
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
Data File : VU042245.D
Acq On : 03 Feb 2021 20:14
Operator : SY/MD
Sample : M1259-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F1E63

Quant Time: Feb 04 04:27:29 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

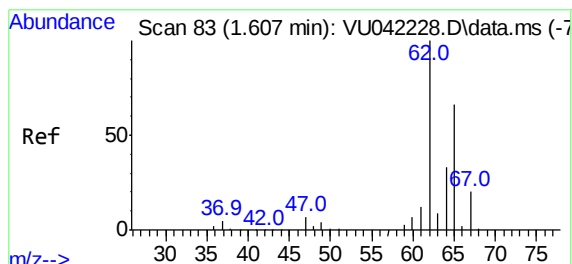
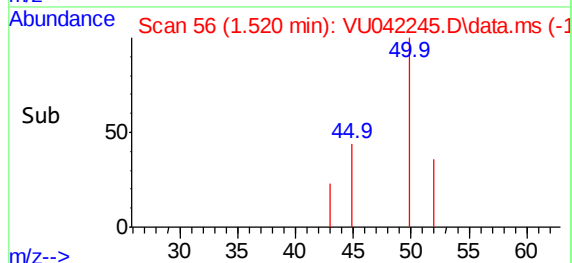
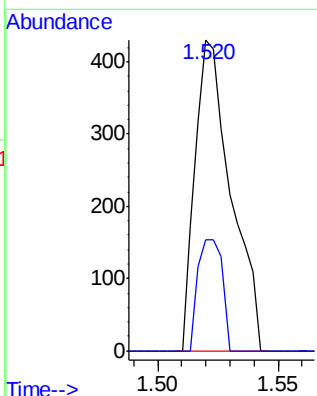
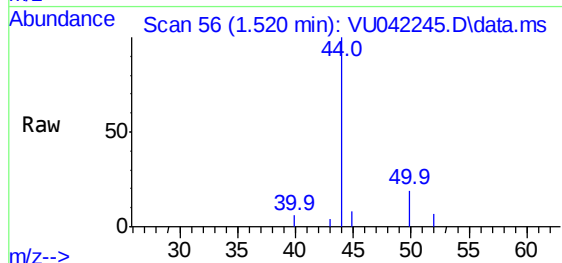




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042245.D
Acq: 03 Feb 2021 20:14

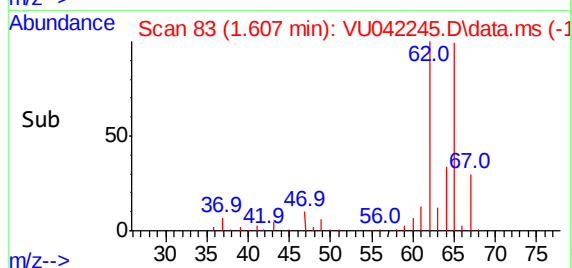
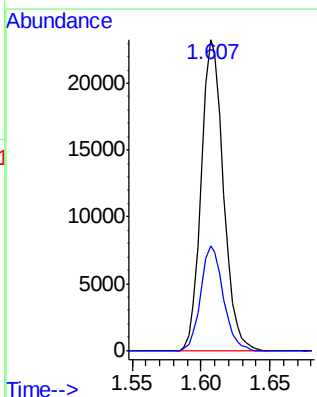
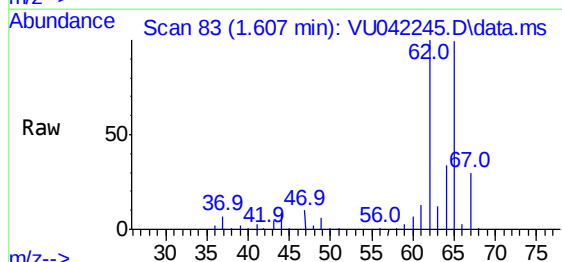
Instrument :
MSVOA_U
ClientSampleId :
F1E63

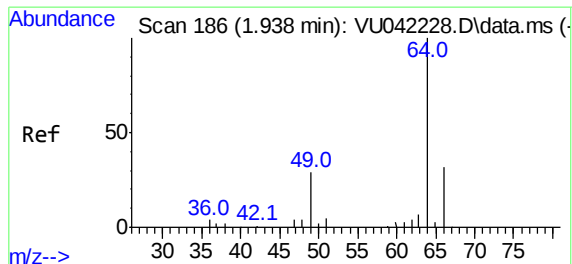
Tgt Ion: 50 Resp: 441
Ion Ratio Lower Upper
50 100
52 35.6 23.0 42.8



#5
Vinyl chloride
Concen: 3.19 ug/L
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU042245.D
Acq: 03 Feb 2021 20:14

Tgt Ion: 62 Resp: 26064
Ion Ratio Lower Upper
62 100
64 33.8 22.7 42.1

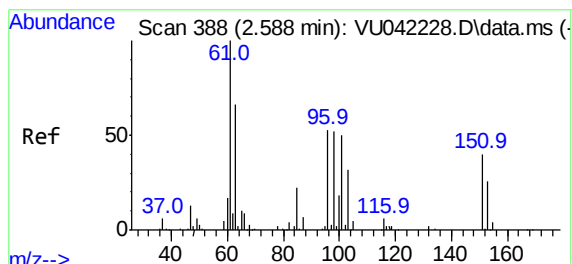
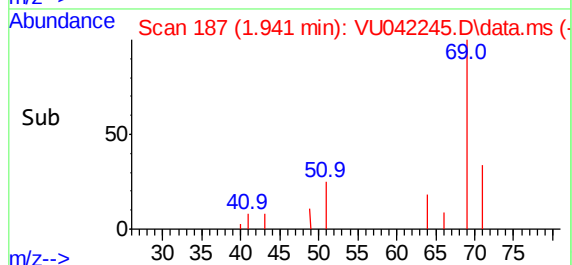
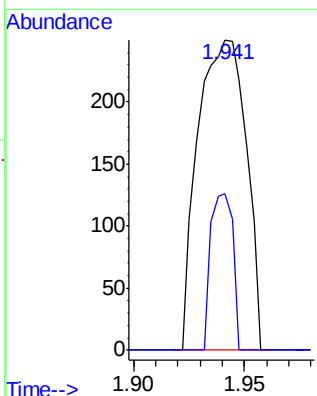
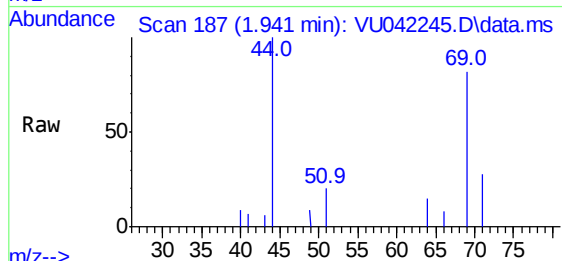




#8
Chloroethane
Concen: 0.08 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU042245.D
Acq: 03 Feb 2021 20:14

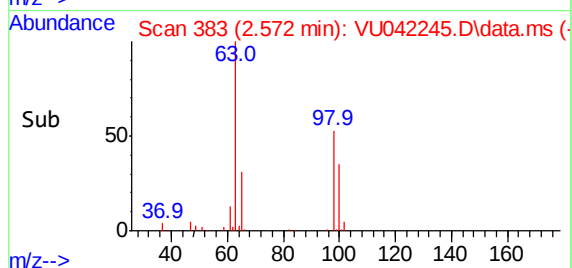
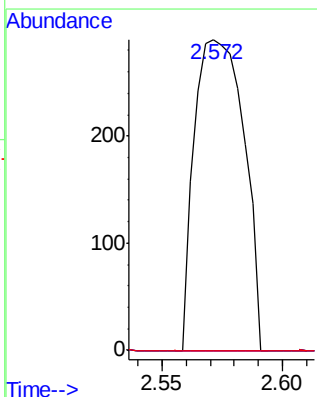
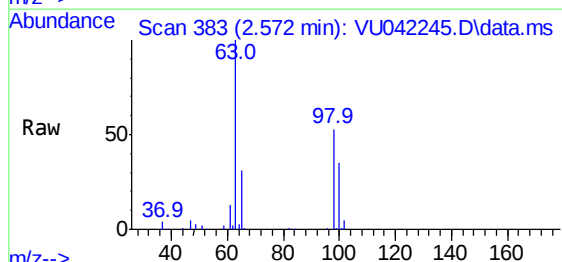
Instrument :
MSVOA_U
ClientSampled :
F1E63

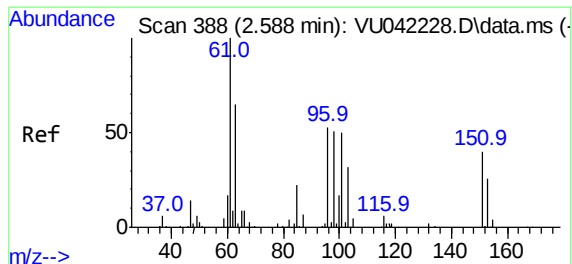
Tgt Ion: 64 Resp: 375
Ion Ratio Lower Upper
64 100
66 50.4 22.2 41.2#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042245.D
Acq: 03 Feb 2021 20:14

Tgt Ion:101 Resp: 407
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

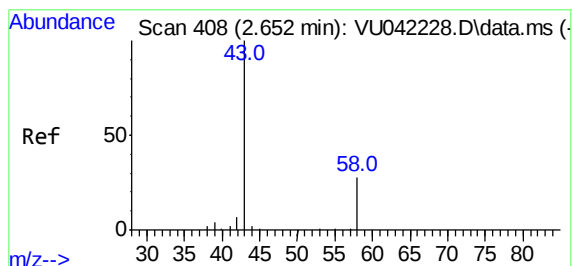
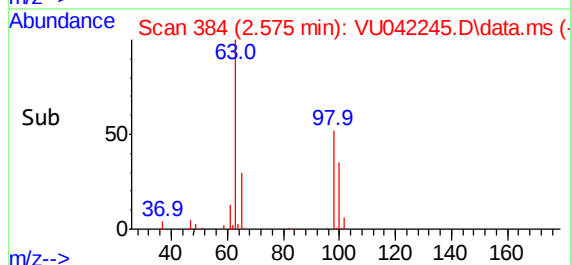
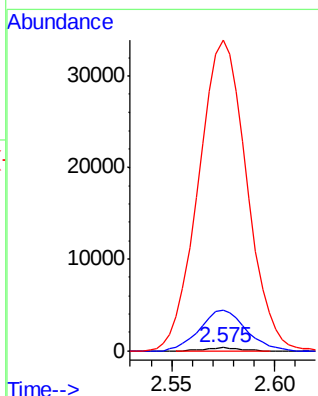
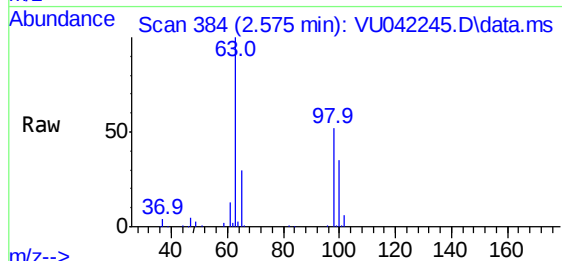




#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042245.D
Acq: 03 Feb 2021 20:14

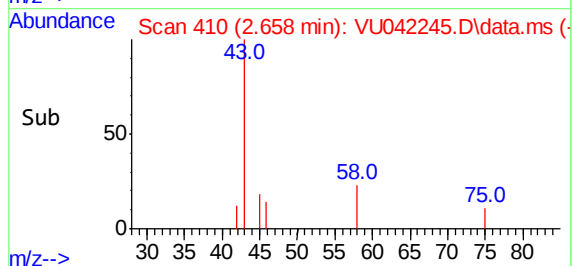
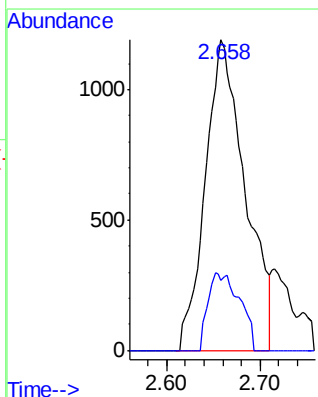
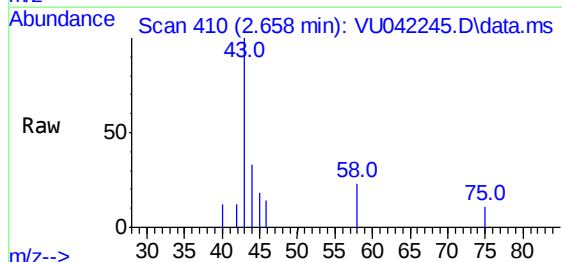
Instrument :
MSVOA_U
ClientSampleId :
F1E63

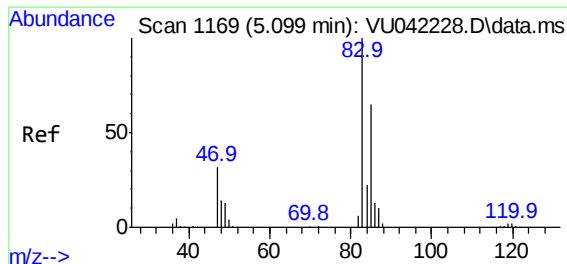
Tgt Ion: 96 Resp: 422
Ion Ratio Lower Upper
96 100
61 1345.2 126.2 234.4#
63 10146.1 77.8 144.4#



#13
Acetone
Concen: 2.22 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.006 min
Lab File: VU042245.D
Acq: 03 Feb 2021 20:14

Tgt Ion: 43 Resp: 3536
Ion Ratio Lower Upper
43 100
58 19.7 0.0 55.8

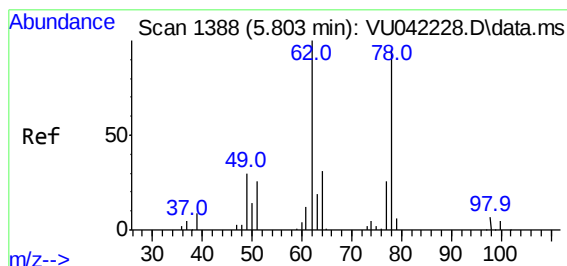
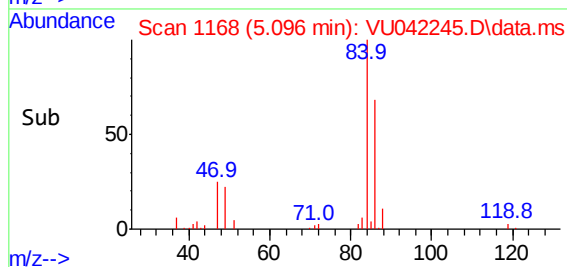
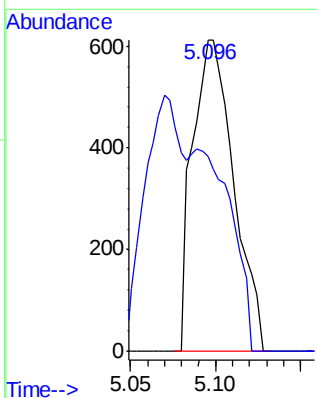
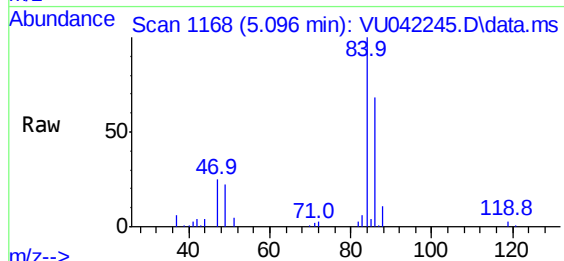




#25
Chloroform
Concen: 0.07 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042245.D
Acq: 03 Feb 2021 20:14

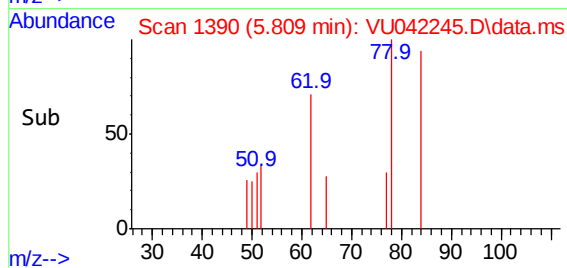
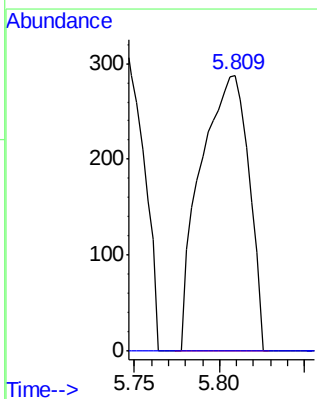
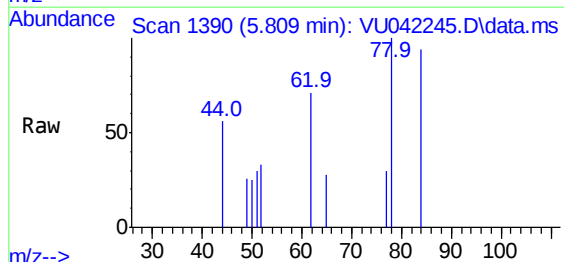
Instrument :
MSVOA_U
ClientSampleId :
F1E63

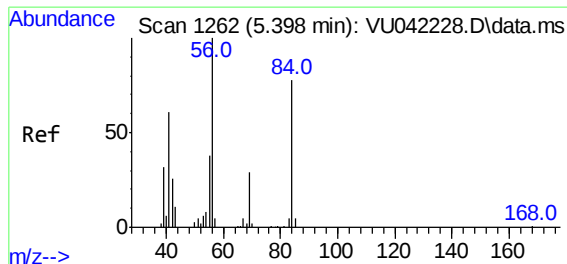
Tgt Ion: 83 Resp: 1039
Ion Ratio Lower Upper
83 100
85 62.4 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.809 min Scan# 1390
Delta R.T. 0.006 min
Lab File: VU042245.D
Acq: 03 Feb 2021 20:14

Tgt Ion: 62 Resp: 566
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



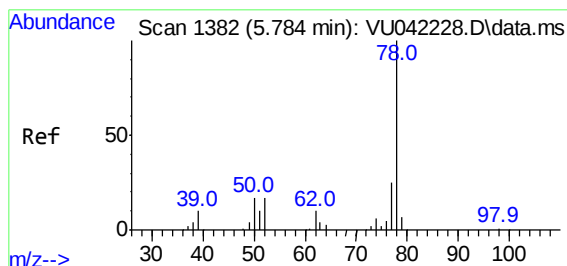
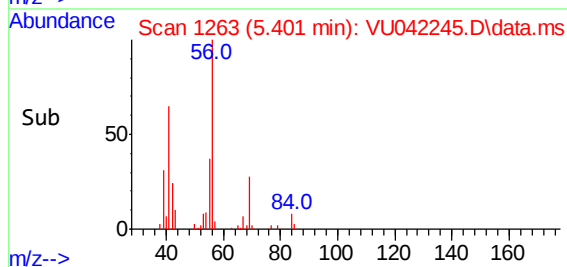
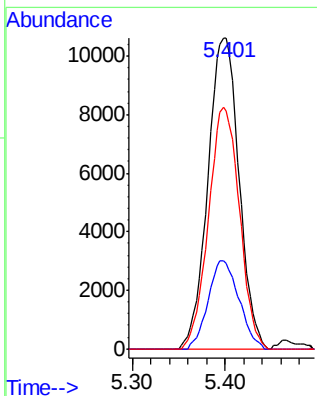
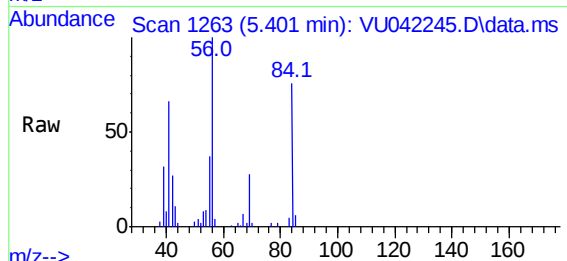


#30
Cyclohexane
Concen: 1.87 ug/L
RT: 5.401 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VU042245.D
Acq: 03 Feb 2021 20:14

Instrument :
MSVOA_U
ClientSampled :
F1E63

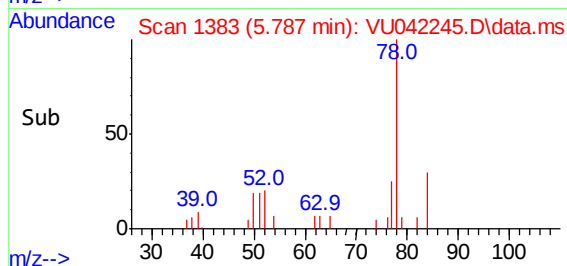
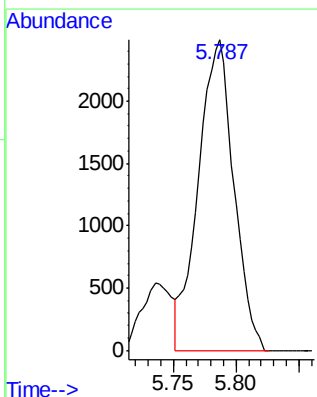
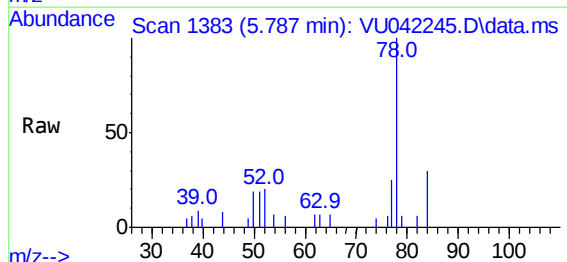
Tgt Ion: 56 Resp: 24659

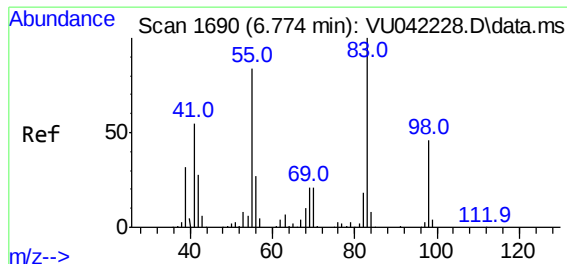
Ion	Ratio	Lower	Upper
56	100		
69	28.0	23.7	35.5
84	77.2	65.3	97.9



#33
Benzene
Concen: 0.18 ug/L
RT: 5.787 min Scan# 1383
Delta R.T. 0.003 min
Lab File: VU042245.D
Acq: 03 Feb 2021 20:14

Tgt Ion: 78 Resp: 4886

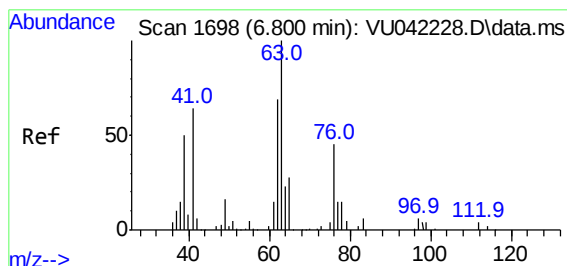
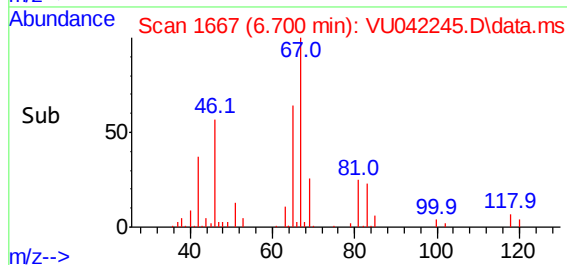
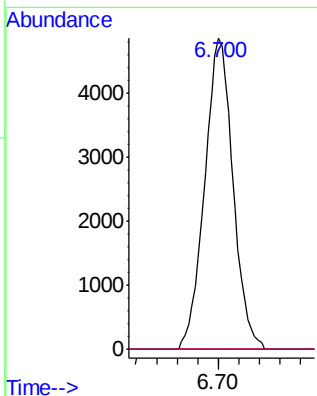
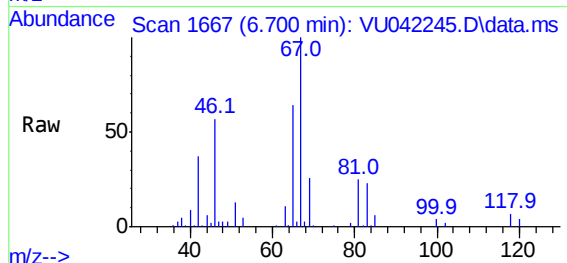




#35
Methylcyclohexane
Concen: 0.75 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042245.D
Acq: 03 Feb 2021 20:14

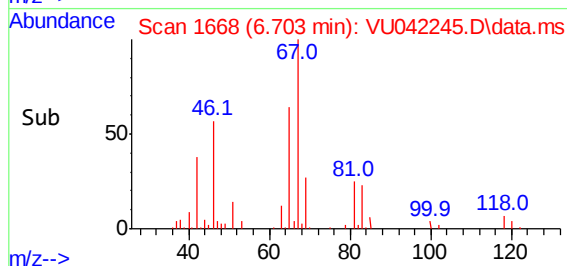
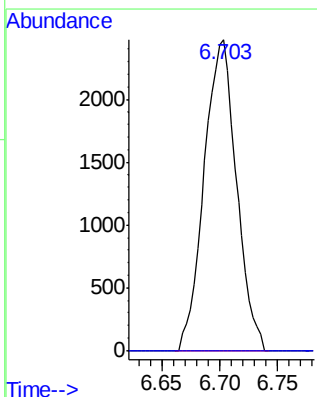
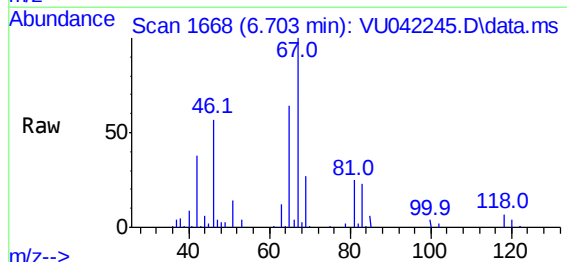
Instrument :
MSVOA_U
ClientSampleId :
F1E63

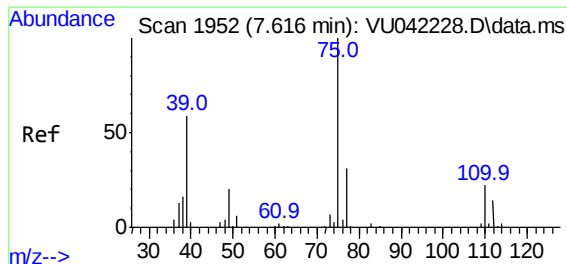
Tgt Ion: 83 Resp: 9233
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.67 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU042245.D
Acq: 03 Feb 2021 20:14

Tgt Ion: 63 Resp: 4804
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

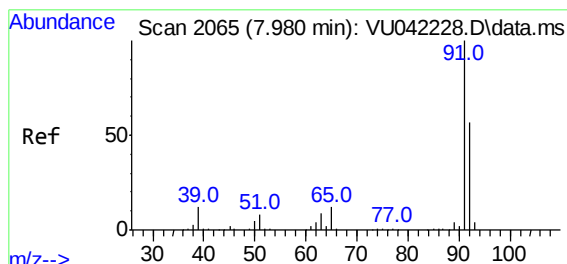
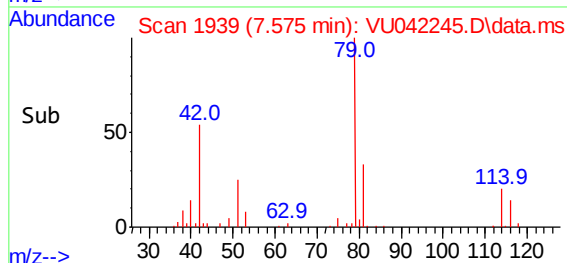
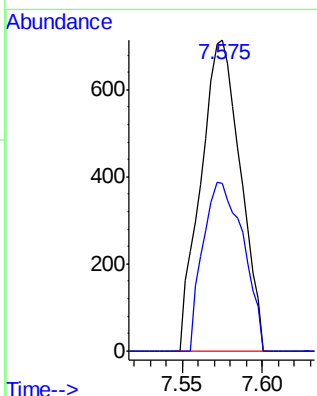
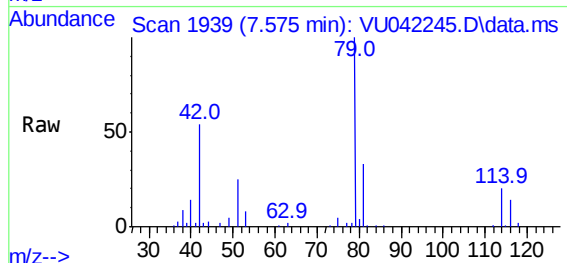




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042245.D
Acq: 03 Feb 2021 20:14

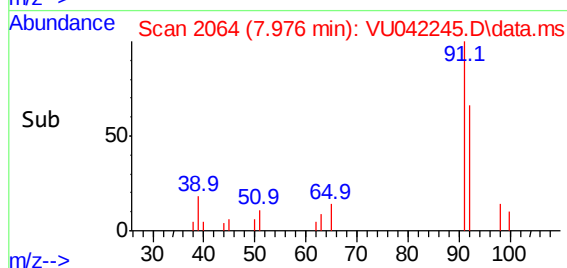
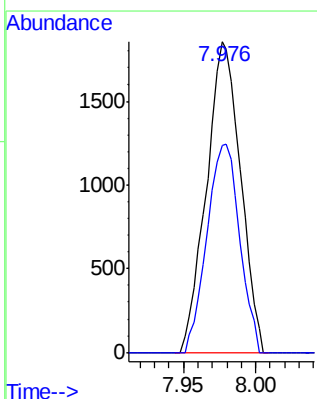
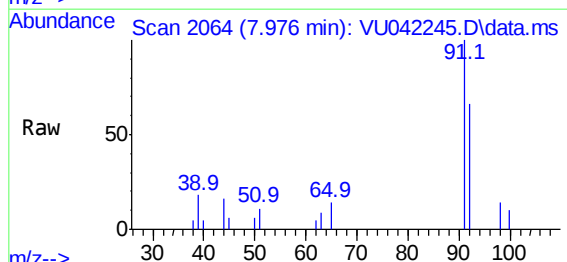
Instrument :
MSVOA_U
ClientSampleId :
F1E63

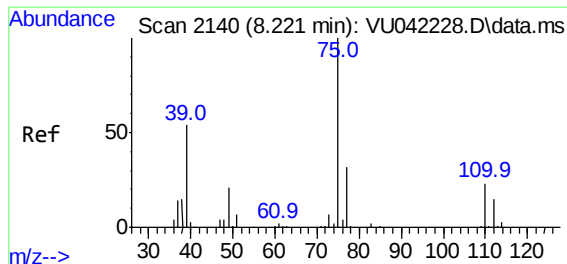
Tgt Ion: 75 Resp: 1202
Ion Ratio Lower Upper
75 100
77 53.9 22.0 40.8#



#42
Toluene
Concen: 0.10 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.003 min
Lab File: VU042245.D
Acq: 03 Feb 2021 20:14

Tgt Ion: 91 Resp: 3040
Ion Ratio Lower Upper
91 100
92 66.5 41.2 76.6

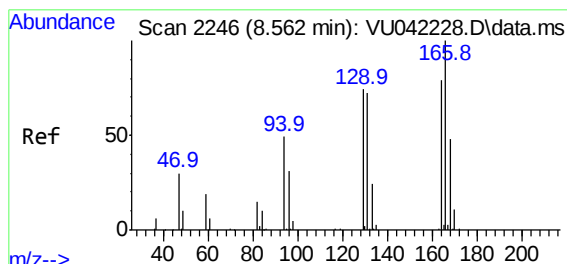
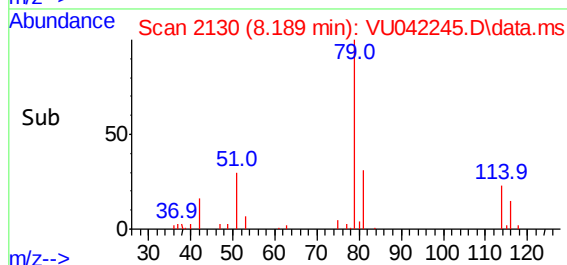
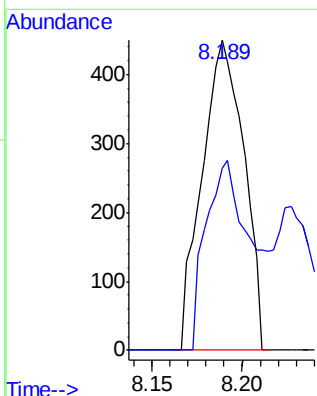
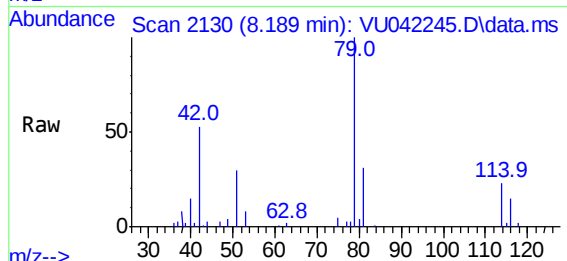




#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.032 min
Lab File: VU042245.D
Acq: 03 Feb 2021 20:14

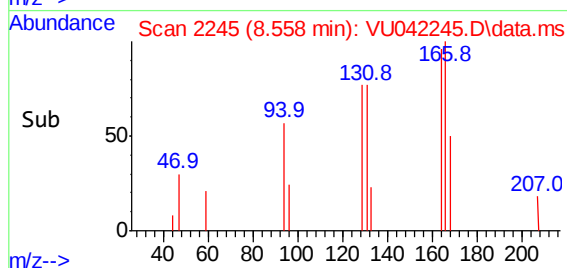
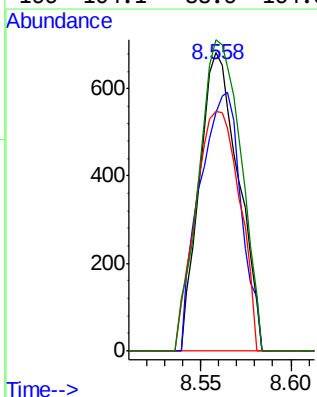
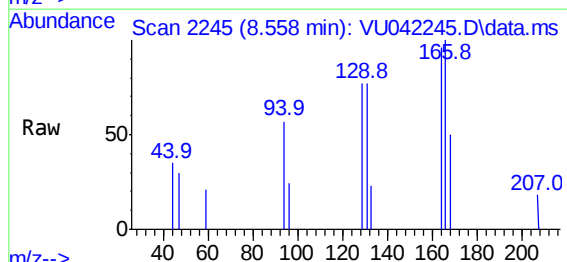
Instrument :
MSVOA_U
ClientSampleId :
F1E63

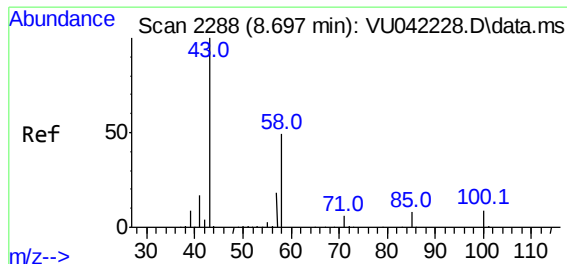
Tgt Ion: 75 Resp: 720
Ion Ratio Lower Upper
75 100
77 58.9 21.8 40.4#



#47
Tetrachloroethene
Concen: 0.17 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042245.D
Acq: 03 Feb 2021 20:14

Tgt Ion: 164 Resp: 1015
Ion Ratio Lower Upper
164 100
129 79.7 64.3 119.5
131 80.1 62.2 115.6
166 104.1 88.6 164.6

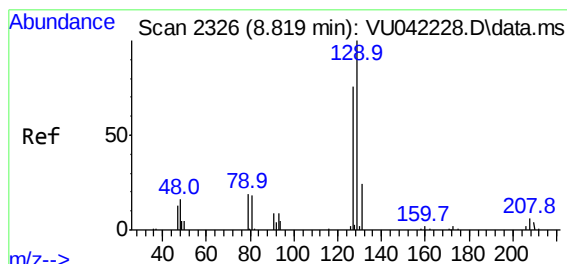
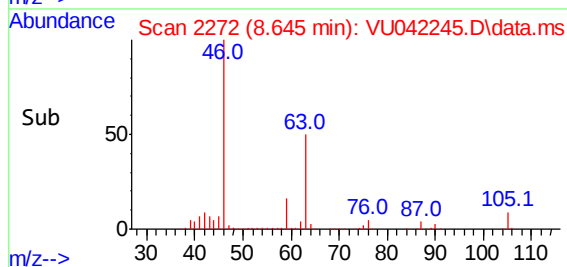
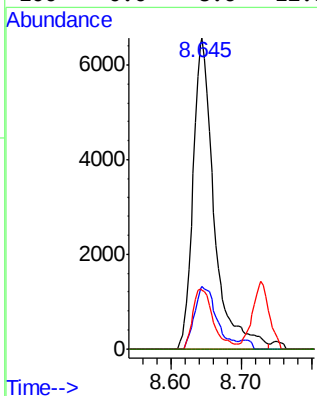
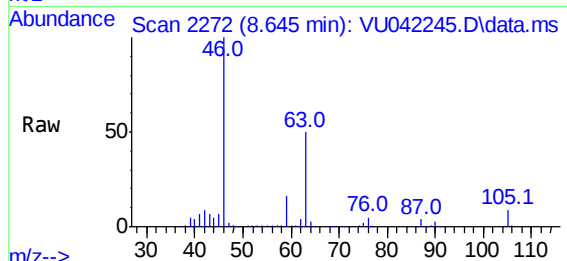




#48
2-Hexanone
Concen: 3.16 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042245.D
Acq: 03 Feb 2021 20:14

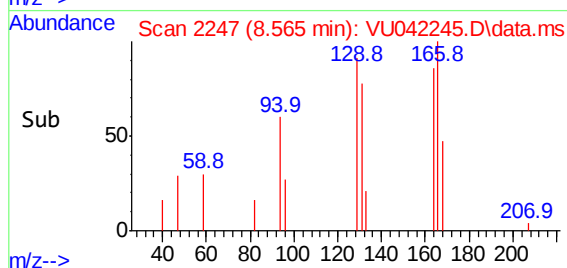
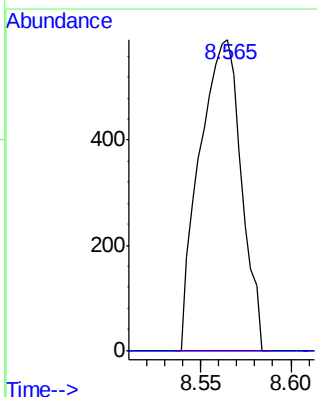
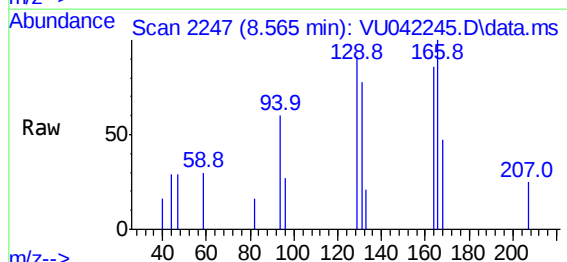
Instrument :
MSVOA_U
ClientSampleId :
F1E63

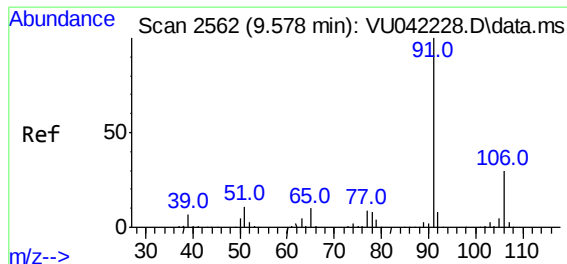
Tgt Ion: 43 Resp: 13534
Ion Ratio Lower Upper
43 100
58 21.1 40.6 61.0#
57 18.9 14.9 22.3
100 0.0 8.6 12.8#



#49
Dibromochloromethane
Concen: 0.13 ug/L
RT: 8.565 min Scan# 2247
Delta R.T. -0.254 min
Lab File: VU042245.D
Acq: 03 Feb 2021 20:14

Tgt Ion: 129 Resp: 940
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#

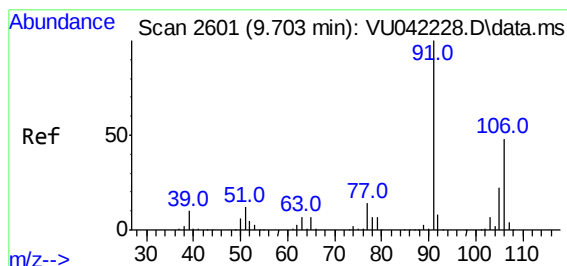
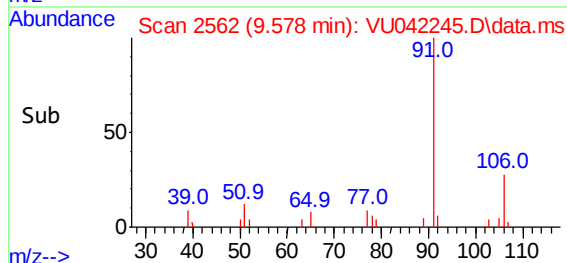
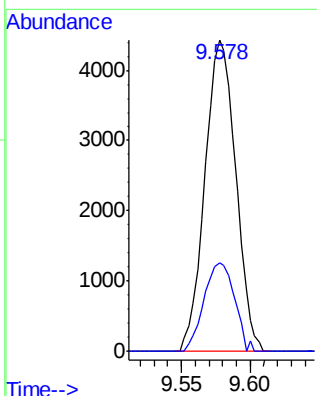
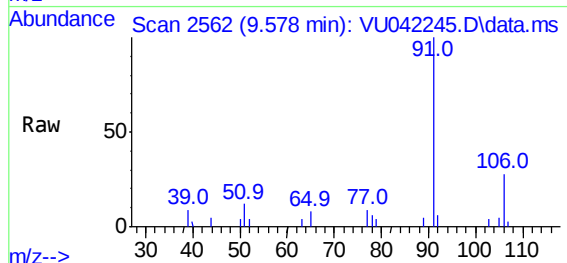




#52
Ethylbenzene
Concen: 0.20 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042245.D
Acq: 03 Feb 2021 20:14

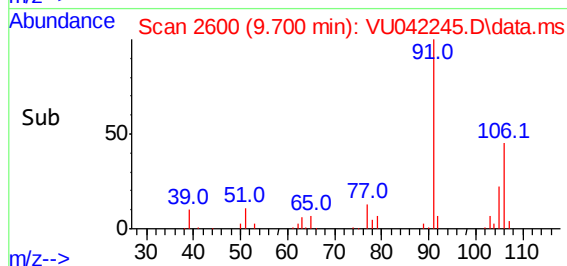
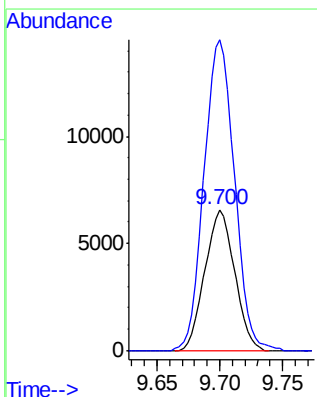
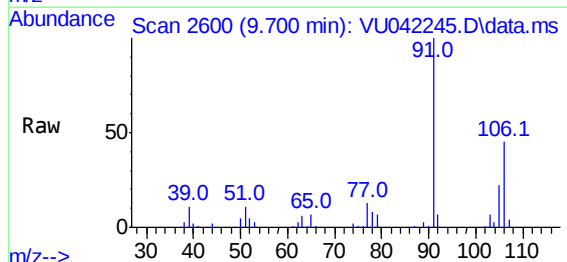
Instrument :
MSVOA_U
ClientSampled :
F1E63

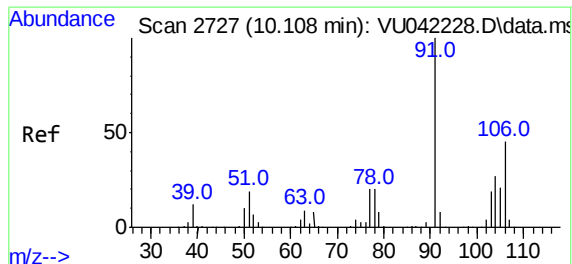
Tgt Ion: 91 Resp: 6867
Ion Ratio Lower Upper
91 100
106 28.3 21.1 39.3



#53
m,p-Xylene
Concen: 0.85 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU042245.D
Acq: 03 Feb 2021 20:14

Tgt Ion: 106 Resp: 10850
Ion Ratio Lower Upper
106 100
91 221.0 145.1 269.5

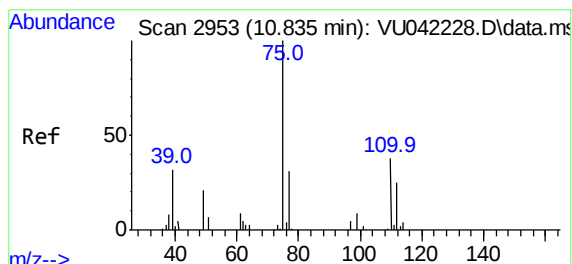
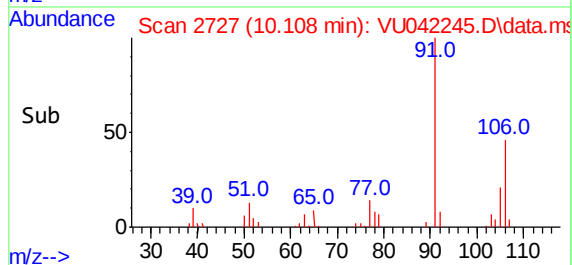
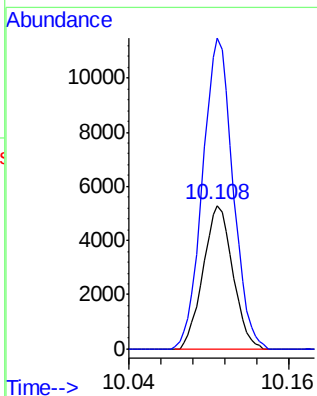
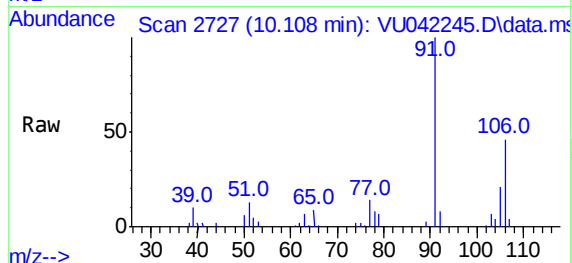




#54
o-Xylene
Concen: 0.67 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042245.D
Acq: 03 Feb 2021 20:14

Instrument :
MSVOA_U
ClientSampled :
F1E63

Tgt Ion: 106 Resp: 8270
Ion Ratio Lower Upper
106 100
91 216.7 153.0 284.2



#59
1,2,3-Trichloropropane
Concen: 1.06 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.984 min
Lab File: VU042245.D
Acq: 03 Feb 2021 20:14

Tgt Ion: 75 Resp: 5393
Ion Ratio Lower Upper
75 100
77 37.6 26.0 39.0

