

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047440.D
 Acq On : 10 Mar 2022 06:53
 Operator : SY/MD
 Sample : N1857-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 10 07:49:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 03:57:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	156530	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	149578	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	79355	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	254508	29.979	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	599.600%#
7) Chloroethane-d5	1.919	69	28780	4.618	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.575	65	16587	4.424	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	4.665	46	86502	57.230	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.460%
24) Chloroform-d	5.067	84	62113	4.593	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.707	65	33546	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.732	84	134198	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.694	67	39848	4.787	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.899	98	129973	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.182	79	14807	4.190	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.636	63	75853	48.725	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.440%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	34692	4.783	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	50490	5.018	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%

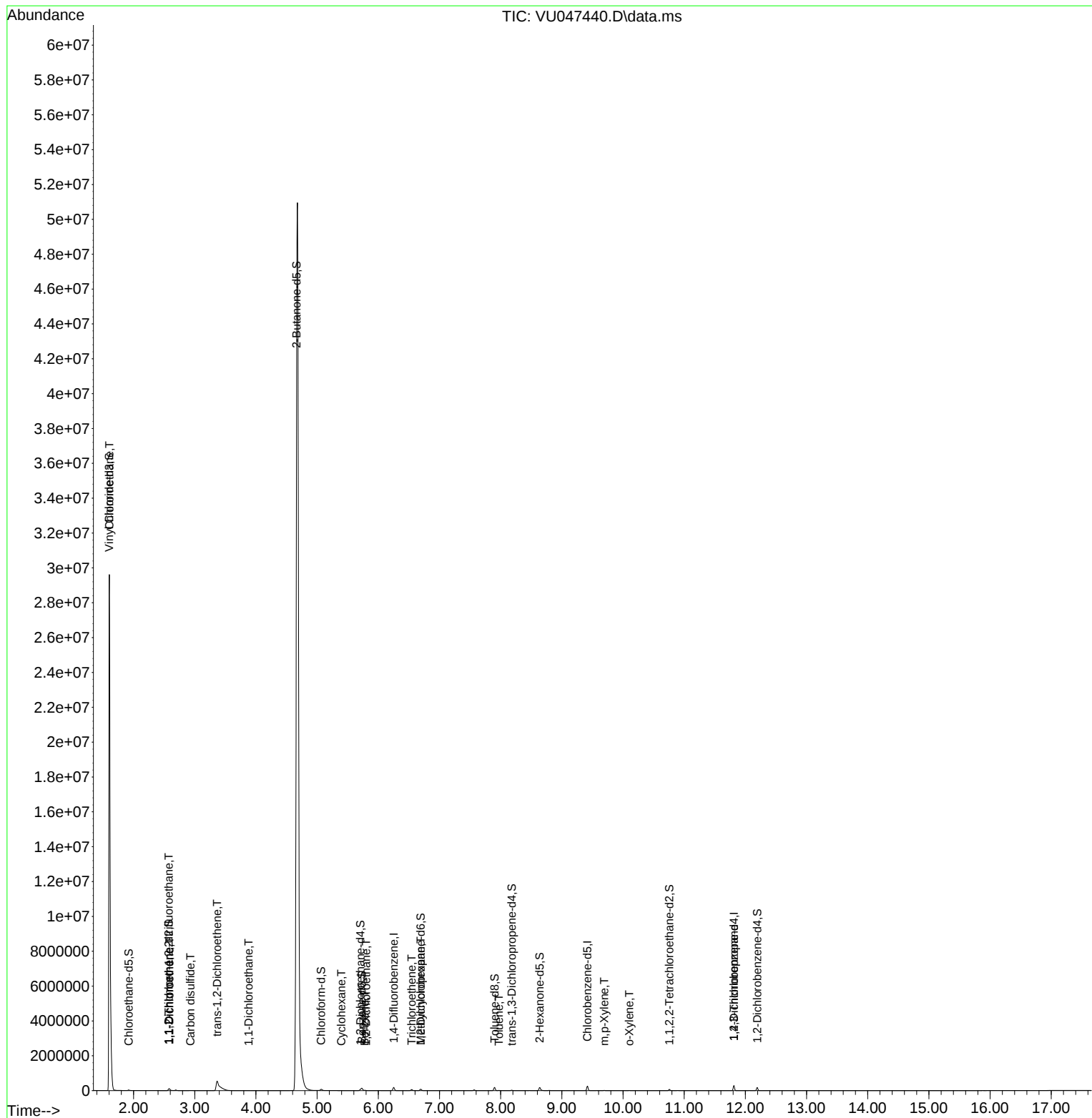
Target Compounds					Qvalue	
3) Chloromethane	1.604	50	171872	14.686	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	424	0.045	ug/L #	17
12) 1,1-Dichloroethene	2.588	96	27169	2.956	ug/L #	67
14) Carbon disulfide	2.929	76	10130	0.359	ug/L	98
18) trans-1,2-Dichloroethene	3.366	96	538304	54.711	ug/L	99
19) 1,1-Dichloroethane	3.880	63	1587	0.095	ug/L #	96
27) 1,2-Dichloroethane	5.800	62	4124	0.354	ug/L	99
30) Cyclohexane	5.398	56	2362	0.159	ug/L	97
33) Benzene	5.777	78	19229	0.476	ug/L	100
34) Trichloroethene	6.546	95	19099	1.769	ug/L	98
35) Methylcyclohexane	6.694	83	8975	0.527	ug/L #	21
42) Toluene	7.970	91	9683	0.221	ug/L	95
53) m,p-Xylene	9.694	106	3403	0.183	ug/L	99
54) o-Xylene	10.102	106	2710	0.150	ug/L	88
61) 1,2,3-Trichloropropane	11.812	75	8365	1.138	ug/L #	65

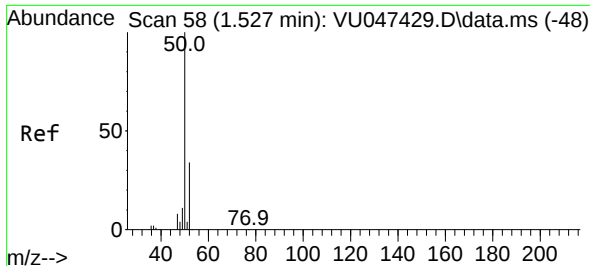
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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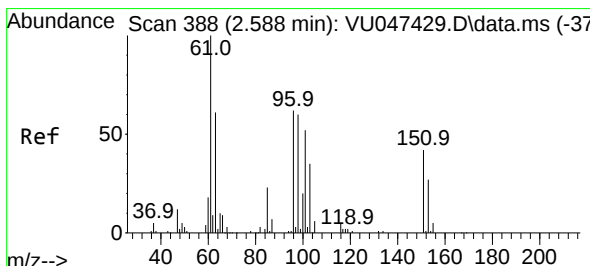
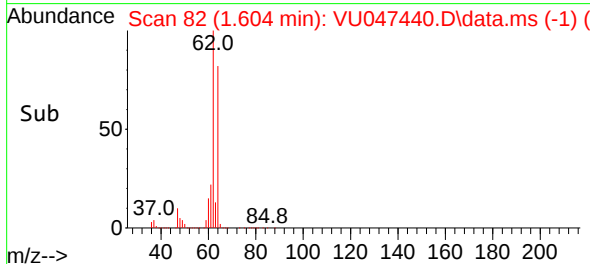
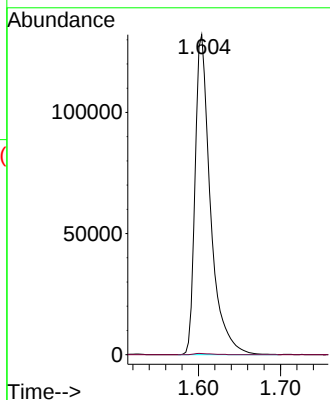
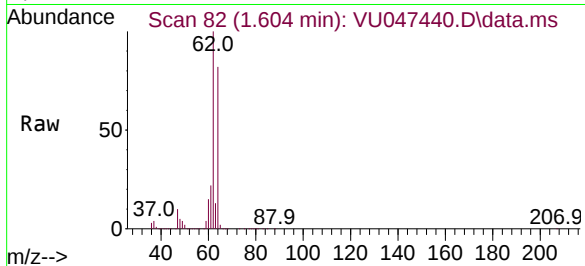




#3
Chloromethane
Concen: 14.686 ug/L
RT: 1.604 min Scan# 81
Delta R.T. 0.077 min
Lab File: VU047440.D
Acq: 10 Mar 2022 06:53

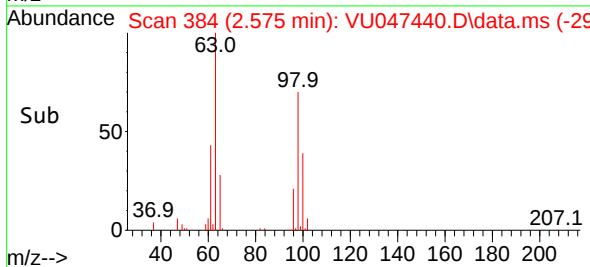
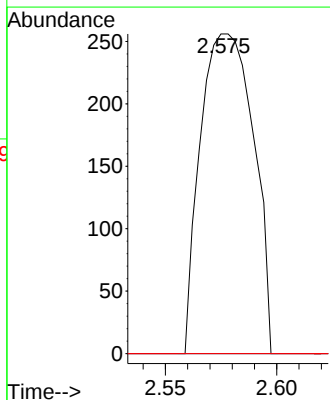
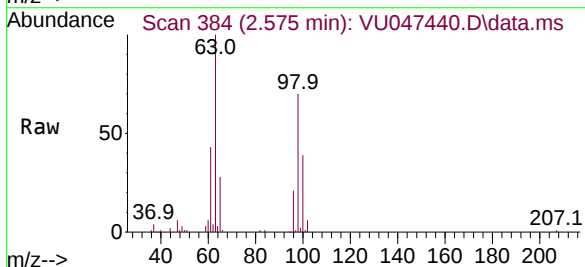
Instrument :
MSVOA_U
ClientSampleId :

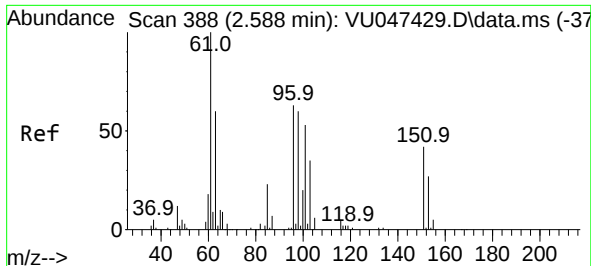
Tgt Ion: 50 Resp: 171872
Ion Ratio Lower Upper
50 100
52 0.4 22.5 41.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.045 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU047440.D
Acq: 10 Mar 2022 06:53

Tgt Ion: 101 Resp: 424
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 64.8 97.2#

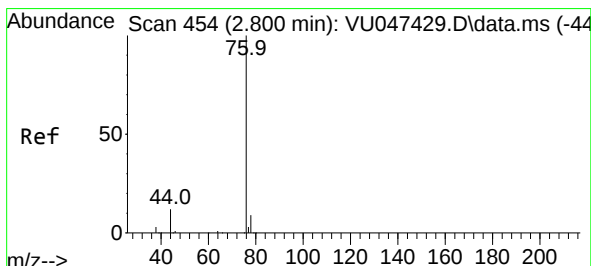
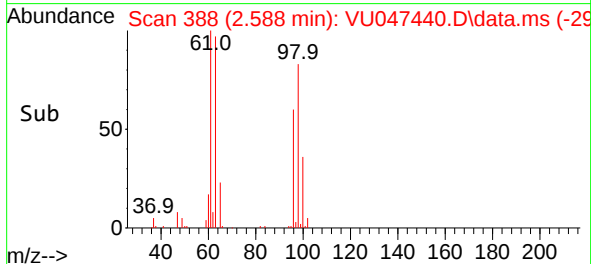
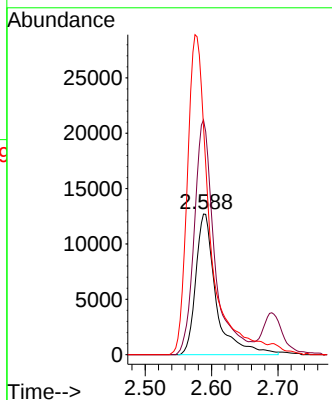
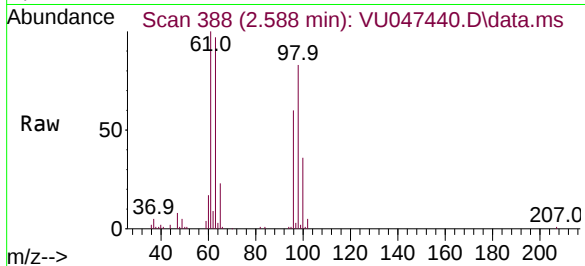




#12
1,1-Dichloroethene
Concen: 2.956 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU047440.D
Acq: 10 Mar 2022 06:53

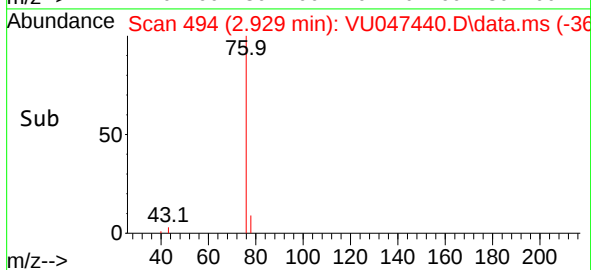
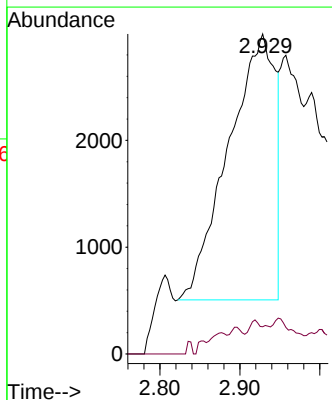
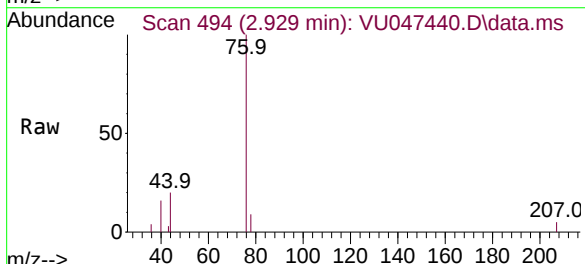
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ClientSampleId :

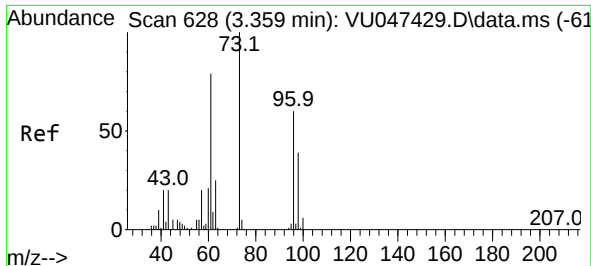
Tgt Ion: 96 Resp: 27169
Ion Ratio Lower Upper
96 100
61 166.8 108.8 202.0
63 162.5 64.0 119.0#



#14
Carbon disulfide
Concen: 0.359 ug/L
RT: 2.929 min Scan# 494
Delta R.T. 0.129 min
Lab File: VU047440.D
Acq: 10 Mar 2022 06:53

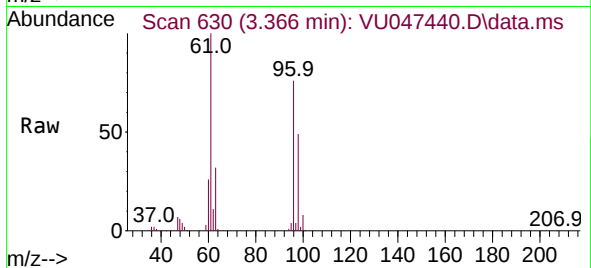
Tgt Ion: 76 Resp: 10130
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2



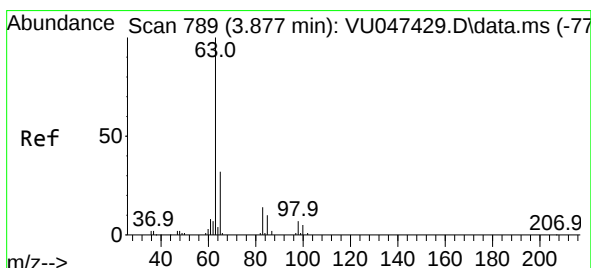
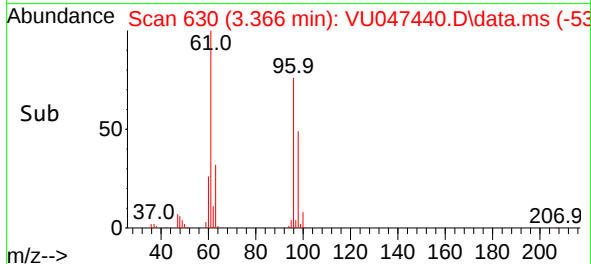
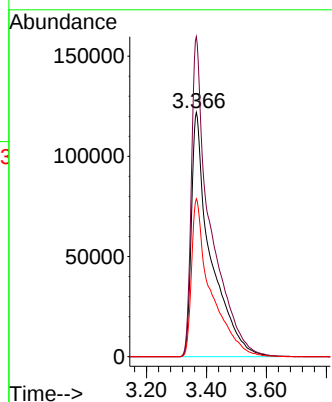


#18
trans-1,2-Dichloroethene
Concen: 54.711 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.007 min
Lab File: VU047440.D
Acq: 10 Mar 2022 06:53

Instrument :
MSVOA_U
ClientSampleId :

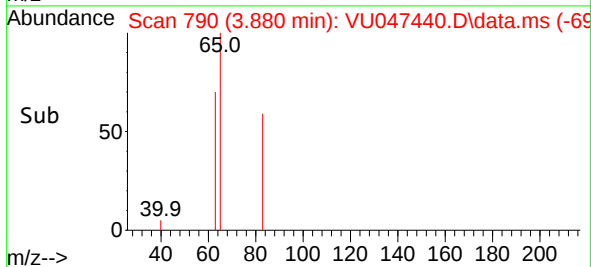
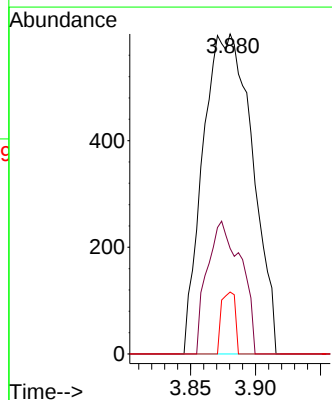
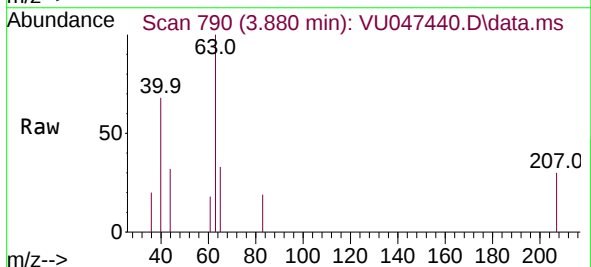


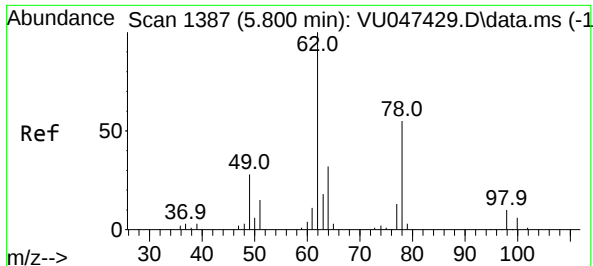
Tgt Ion: 96 Resp: 538304
Ion Ratio Lower Upper
96 100
61 131.0 90.4 167.8
98 64.6 45.0 83.6



#19
1,1-Dichloroethane
Concen: 0.095 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU047440.D
Acq: 10 Mar 2022 06:53

Tgt Ion: 63 Resp: 1587
Ion Ratio Lower Upper
63 100
65 33.0 22.8 42.4
83 19.3 9.9 18.3#





#27

1,2-Dichloroethane

Concen: 0.354 ug/L

RT: 5.800 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU047440.D

Acq: 10 Mar 2022 06:53

Instrument :

MSVOA_U

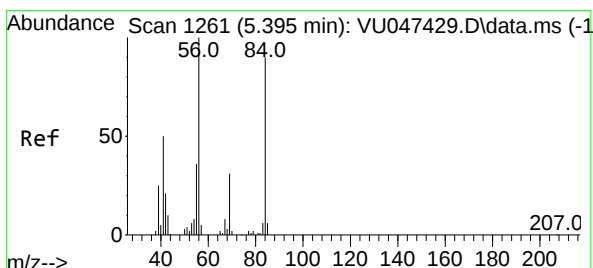
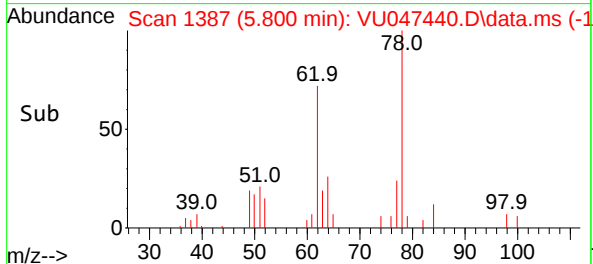
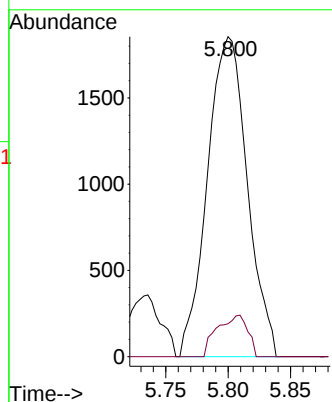
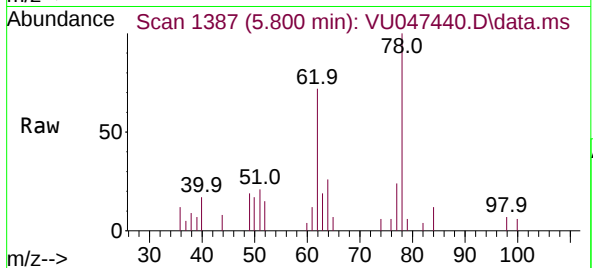
ClientSampleId :

Tgt Ion: 62 Resp: 4124

Ion Ratio Lower Upper

62 100

98 10.3 7.8 11.8



#30

Cyclohexane

Concen: 0.159 ug/L

RT: 5.398 min Scan# 1262

Delta R.T. 0.003 min

Lab File: VU047440.D

Acq: 10 Mar 2022 06:53

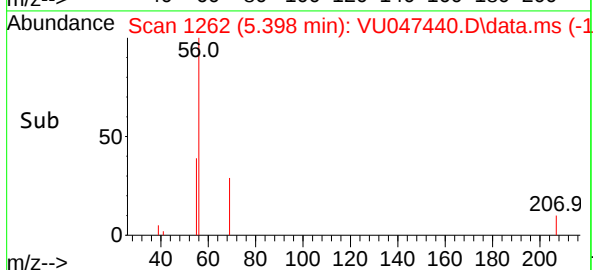
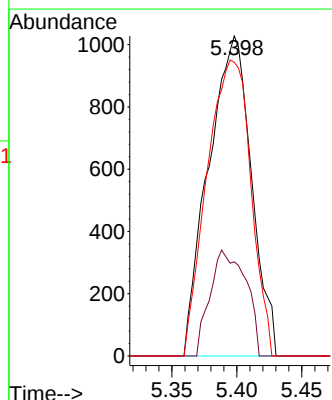
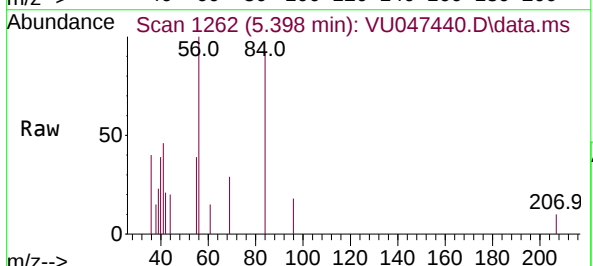
Tgt Ion: 56 Resp: 2362

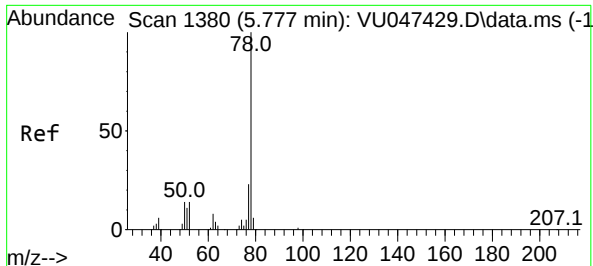
Ion Ratio Lower Upper

56 100

69 27.5 26.0 39.0

84 94.1 76.3 114.5

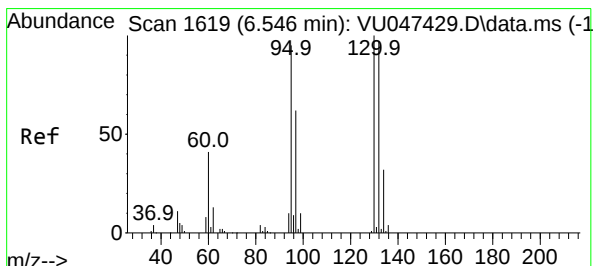
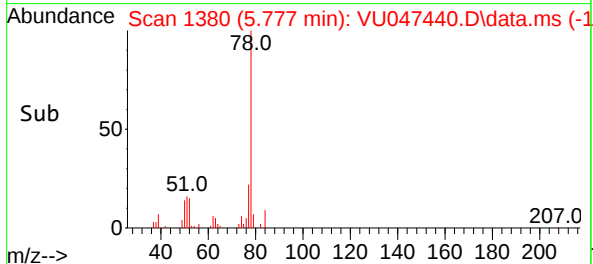
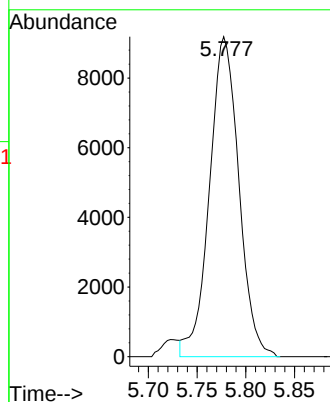
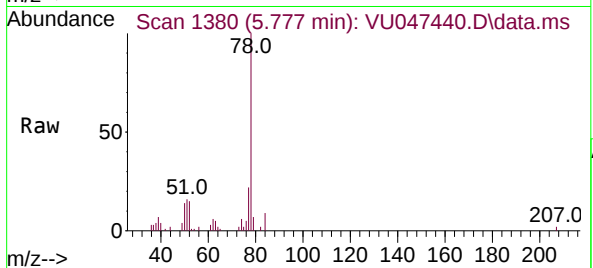




#33
Benzene
Concen: 0.476 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047440.D
Acq: 10 Mar 2022 06:53

Instrument :
MSVOA_U
ClientSampleId :

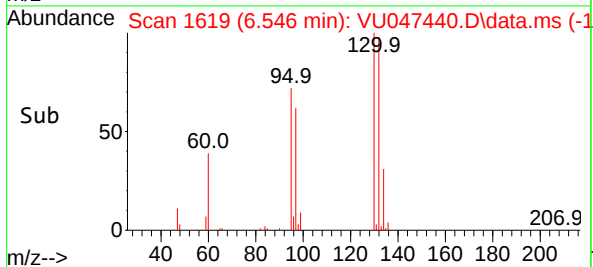
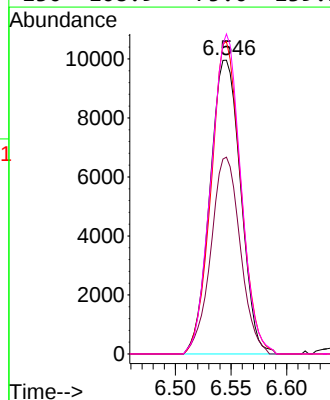
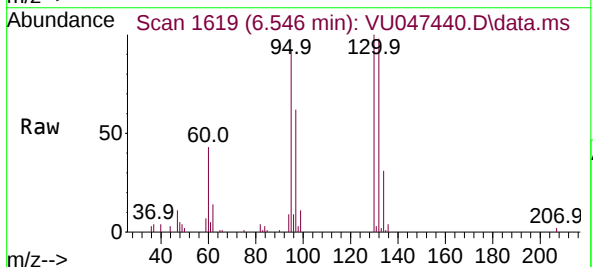
Tgt Ion: 78 Resp: 19229

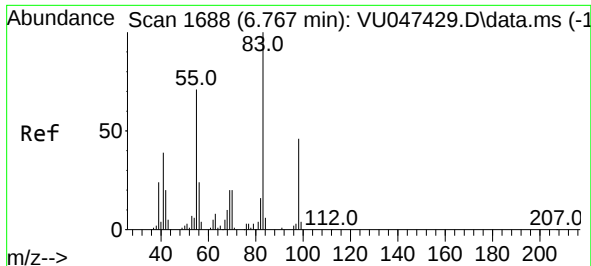


#34
Trichloroethene
Concen: 1.769 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047440.D
Acq: 10 Mar 2022 06:53

Tgt Ion: 95 Resp: 19099

Ion	Ratio	Lower	Upper
95	100		
97	67.0	46.3	85.9
132	106.3	71.7	133.1
130	108.9	75.0	139.2

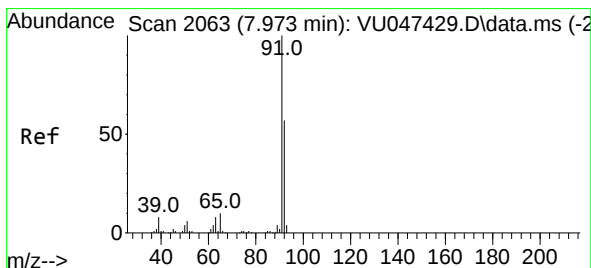
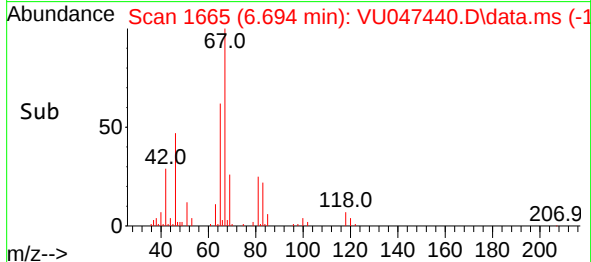
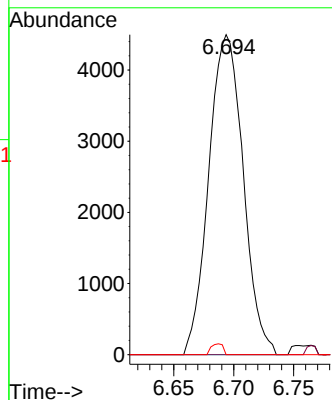
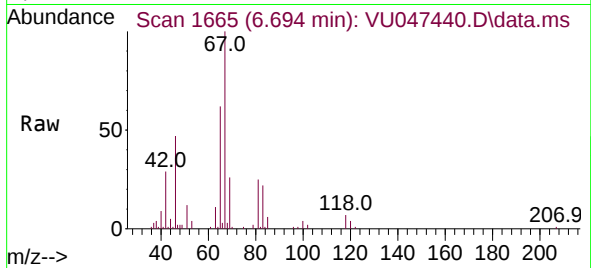




#35
Methylcyclohexane
Concen: 0.527 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU047440.D
Acq: 10 Mar 2022 06:53

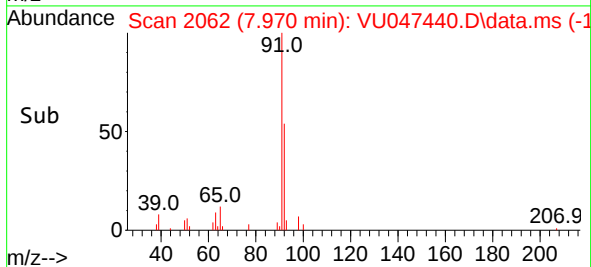
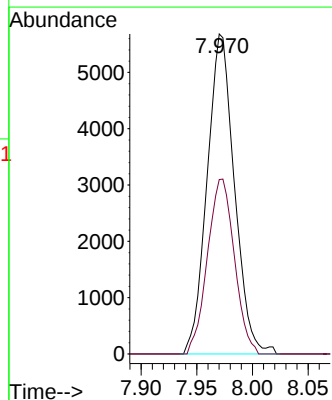
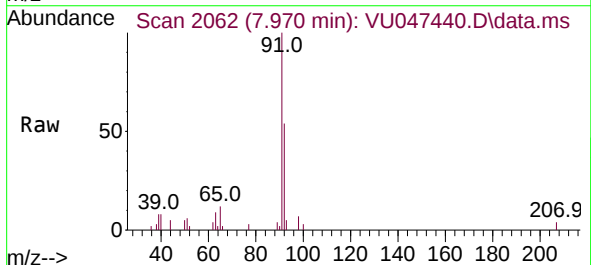
Instrument :
MSVOA_U
ClientSampleId :

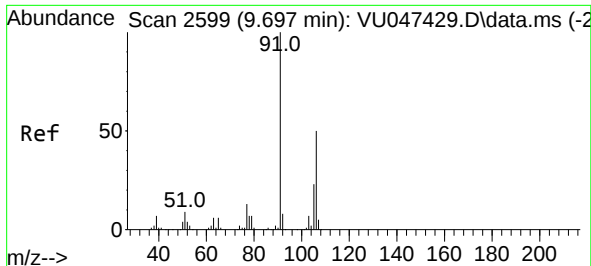
Tgt Ion: 83 Resp: 8975
Ion Ratio Lower Upper
83 100
55 0.8 57.8 86.8#
98 1.2 38.0 57.0#



#42
Toluene
Concen: 0.221 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU047440.D
Acq: 10 Mar 2022 06:53

Tgt Ion: 91 Resp: 9683
Ion Ratio Lower Upper
91 100
92 54.5 40.8 75.8

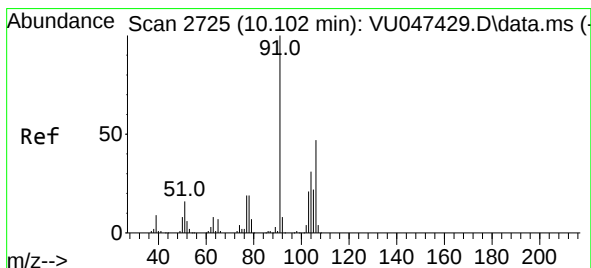
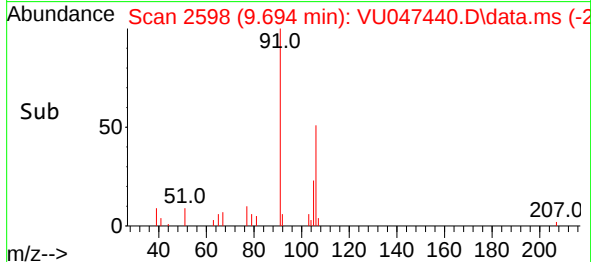
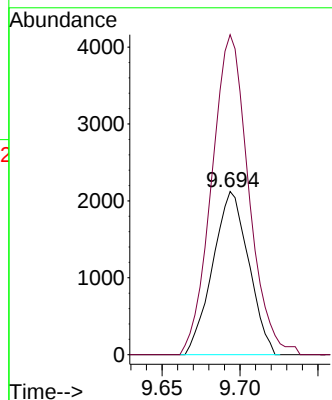
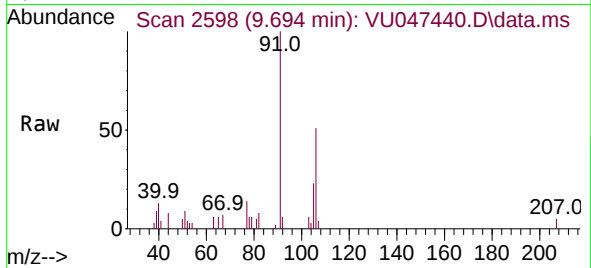




#53
m,p-Xylene
Concen: 0.183 ug/L
RT: 9.694 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU047440.D
Acq: 10 Mar 2022 06:53

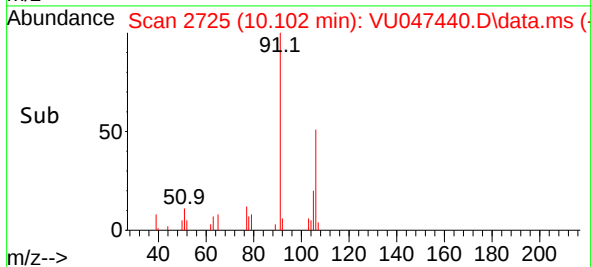
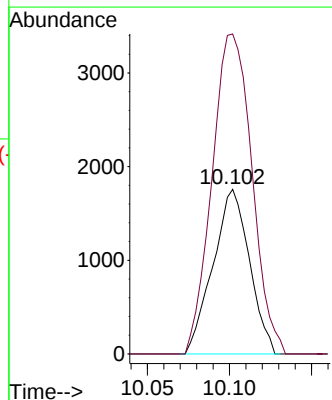
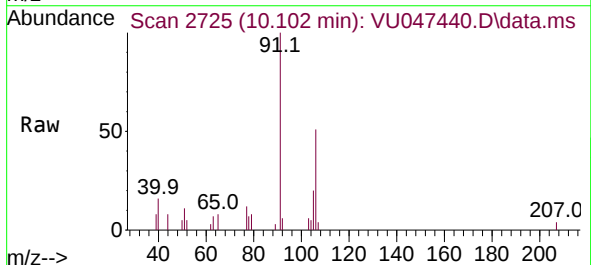
Instrument :
MSVOA_U
ClientSampleId :

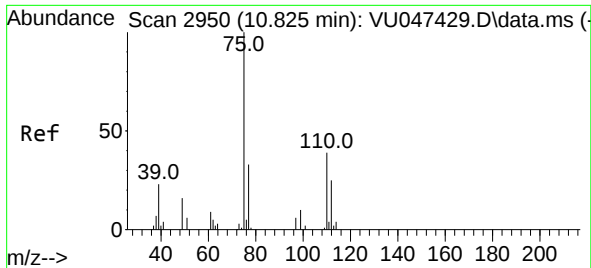
Tgt Ion:106 Resp: 3403
Ion Ratio Lower Upper
106 100
91 196.0 138.8 257.8



#54
o-Xylene
Concen: 0.150 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047440.D
Acq: 10 Mar 2022 06:53

Tgt Ion:106 Resp: 2710
Ion Ratio Lower Upper
106 100
91 194.4 149.2 277.0





#61

1,2,3-Trichloropropane

Concen: 1.138 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.987 min

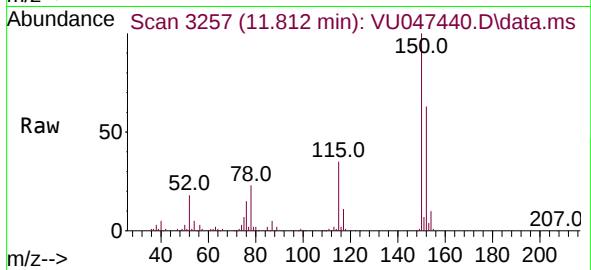
Lab File: VU047440.D

Acq: 10 Mar 2022 06:53

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 8365

Ion Ratio Lower Upper

75 100

110 0.5 31.0 46.4#

77 32.0 26.2 39.4

