

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047436.D
 Acq On : 10 Mar 2022 05:18
 Operator : SY/MD
 Sample : N1857-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 10 06:34:01 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)

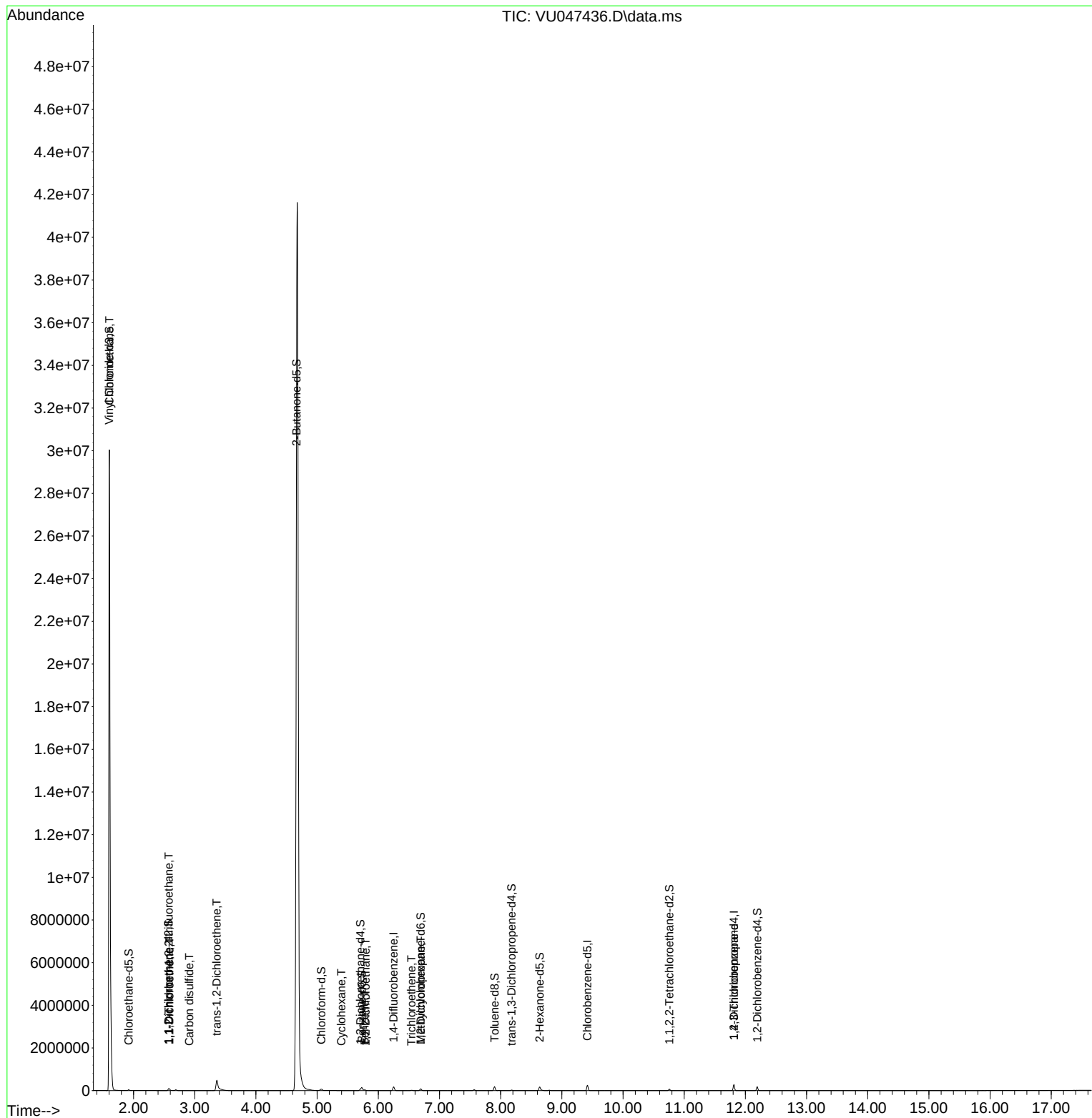
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	153165	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	147489	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	80160	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	260620	31.374	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	627.400%#	
7) Chloroethane-d5	1.919	69	29196	4.788	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.800%	
11) 1,1-Dichloroethene-d2	2.572	65	16924	4.613	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.200%	
20) 2-Butanone-d5	4.662	46	81550	55.139	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.280%	
24) Chloroform-d	5.070	84	63360	4.788	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
26) 1,2-Dichloroethane-d4	5.707	65	33620	5.017	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.400%	
32) Benzene-d6	5.732	84	137178	4.945	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.800%	
36) 1,2-Dichloropropane-d6	6.694	67	40718	4.961	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.200%	
41) Toluene-d8	7.899	98	129857	4.762	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
43) trans-1,3-Dichloroprop...	8.179	79	15557	4.464	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.200%	
46) 2-Hexanone-d5	8.636	63	75446	49.150	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.300%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	34636	4.843	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	51598	5.077	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.600%	
Target Compounds						
3) Chloromethane	1.604	50	176625	15.423	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	520	0.057	ug/L #	17
12) 1,1-Dichloroethene	2.588	96	15547	1.729	ug/L #	40
14) Carbon disulfide	2.912	76	7456	0.270	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	319156	33.150	ug/L	100
27) 1,2-Dichloroethane	5.793	62	3911	0.343	ug/L #	94
30) Cyclohexane	5.395	56	2860	0.195	ug/L	87
33) Benzene	5.777	78	35731	0.897	ug/L	100
34) Trichloroethene	6.543	95	5540	0.520	ug/L	96
35) Methylcyclohexane	6.694	83	9237	0.550	ug/L #	21
61) 1,2,3-Trichloropropane	11.812	75	7884	1.062	ug/L #	65

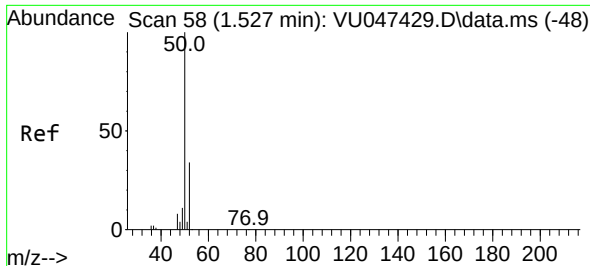
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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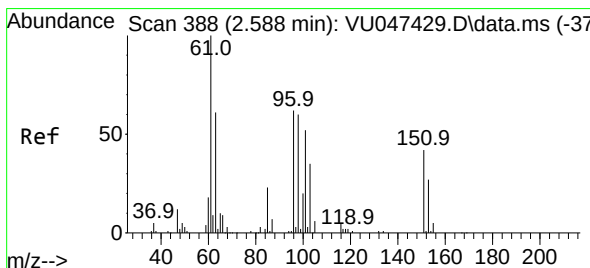
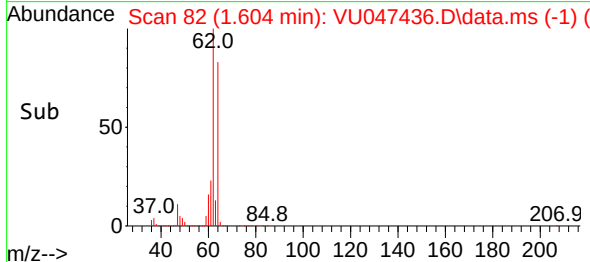
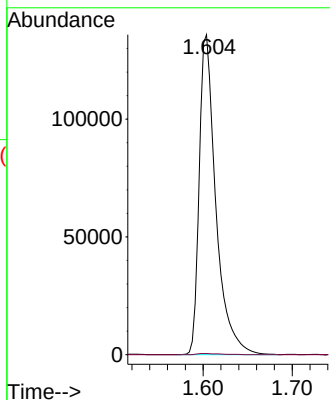
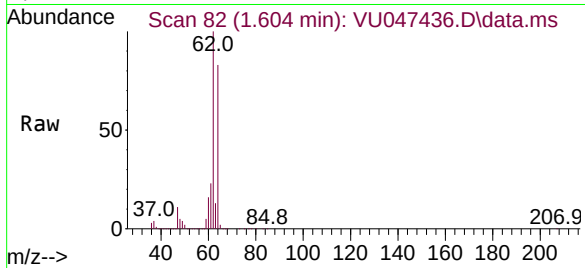




#3
Chloromethane
Concen: 15.423 ug/L
RT: 1.604 min Scan# 81
Delta R.T. 0.077 min
Lab File: VU047436.D
Acq: 10 Mar 2022 05:18

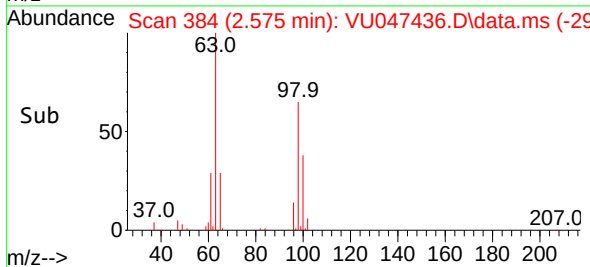
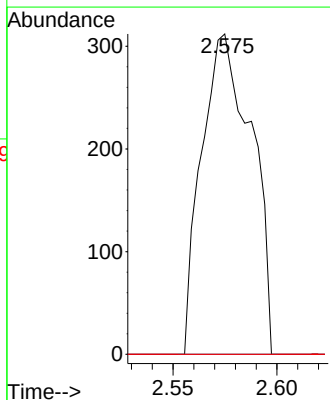
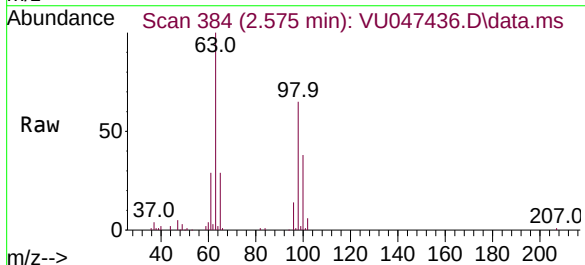
Instrument :
MSVOA_U
ClientSampleId :

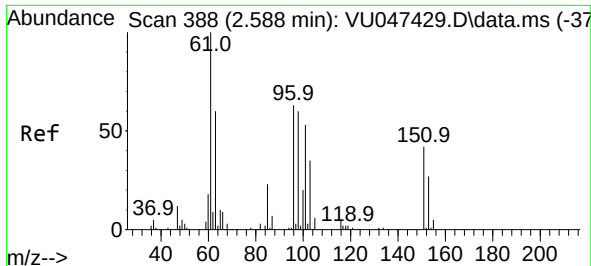
Tgt Ion: 50 Resp: 176625
Ion Ratio Lower Upper
50 100
52 0.4 22.5 41.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.057 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU047436.D
Acq: 10 Mar 2022 05:18

Tgt Ion: 101 Resp: 520
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 64.8 97.2#

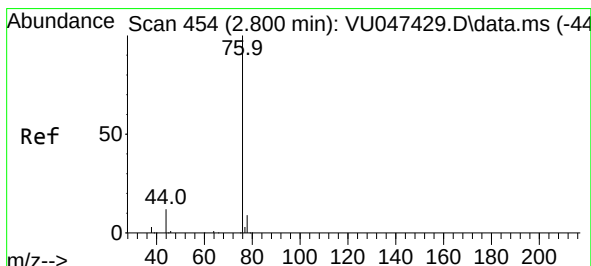
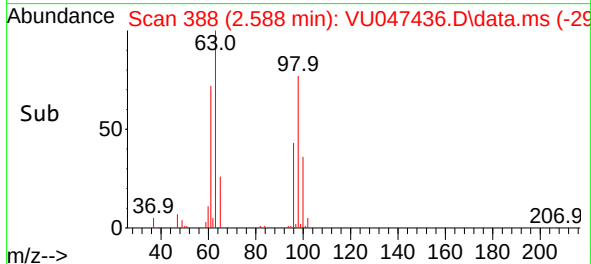
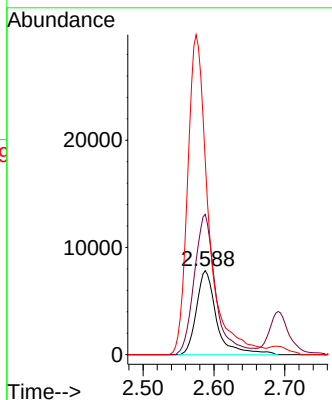
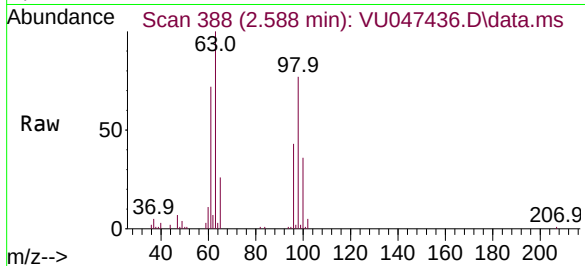




#12
1,1-Dichloroethene
Concen: 1.729 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU047436.D
Acq: 10 Mar 2022 05:18

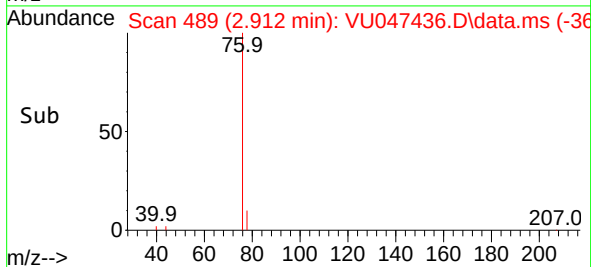
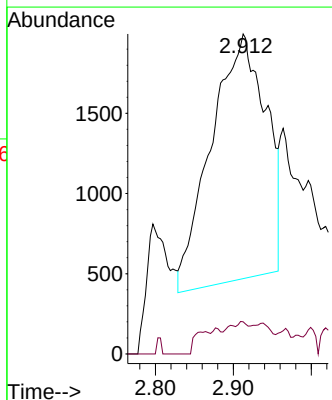
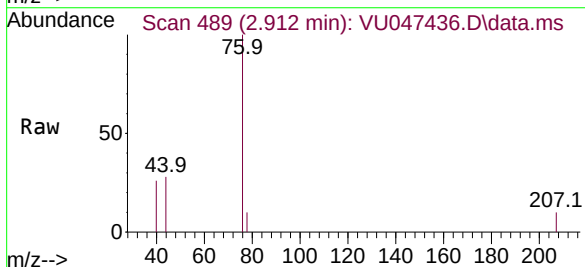
Instrument :
MSVOA_U
ClientSampleId :

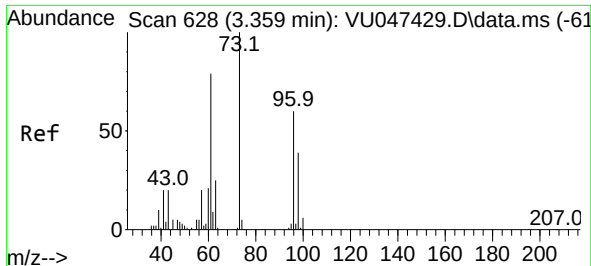
Tgt Ion: 96 Resp: 15547
Ion Ratio Lower Upper
96 100
61 167.1 108.8 202.0
63 231.1 64.0 119.0#



#14
Carbon disulfide
Concen: 0.270 ug/L
RT: 2.912 min Scan# 489
Delta R.T. 0.113 min
Lab File: VU047436.D
Acq: 10 Mar 2022 05:18

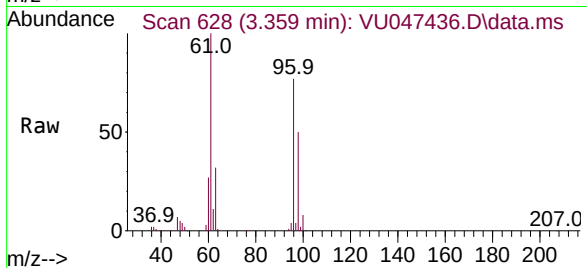
Tgt Ion: 76 Resp: 7456
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.2



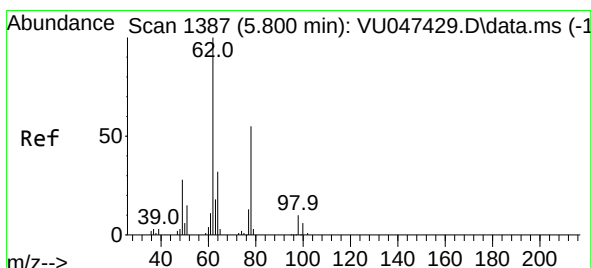
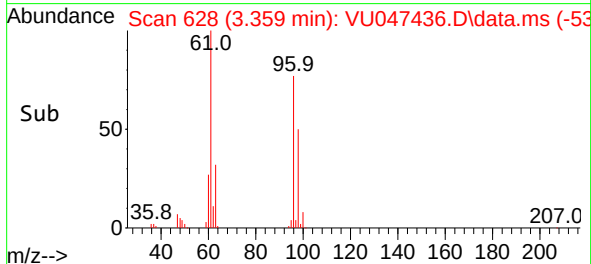
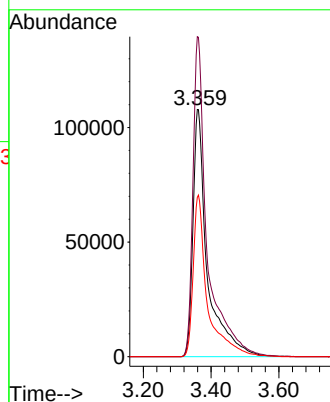


#18
trans-1,2-Dichloroethene
Concen: 33.150 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047436.D
Acq: 10 Mar 2022 05:18

Instrument :
MSVOA_U
ClientSampleId :

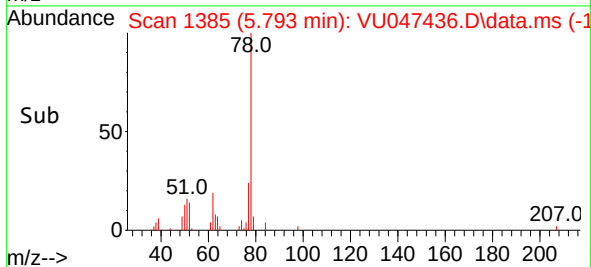
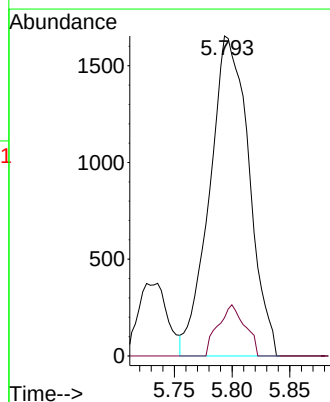
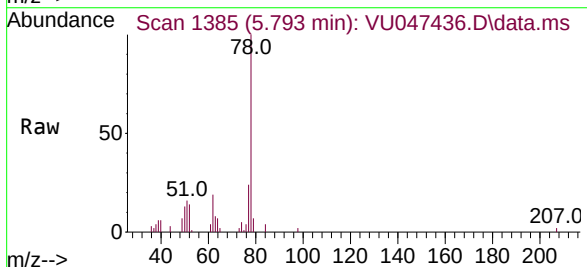


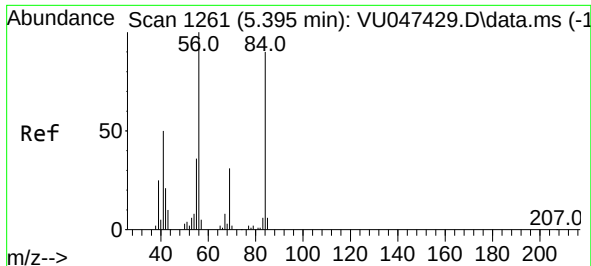
Tgt Ion: 96 Resp: 319156
Ion Ratio Lower Upper
96 100
61 129.5 90.4 167.8
98 64.5 45.0 83.6



#27
1,2-Dichloroethane
Concen: 0.343 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. -0.006 min
Lab File: VU047436.D
Acq: 10 Mar 2022 05:18

Tgt Ion: 62 Resp: 3911
Ion Ratio Lower Upper
62 100
98 11.9 7.8 11.8#





#30

Cyclohexane

Concen: 0.195 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

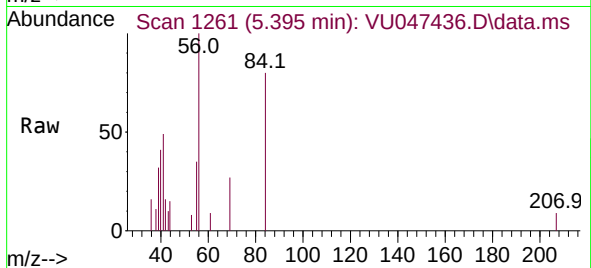
Lab File: VU047436.D

Acq: 10 Mar 2022 05:18

Instrument :

MSVOA_U

ClientSampleId :



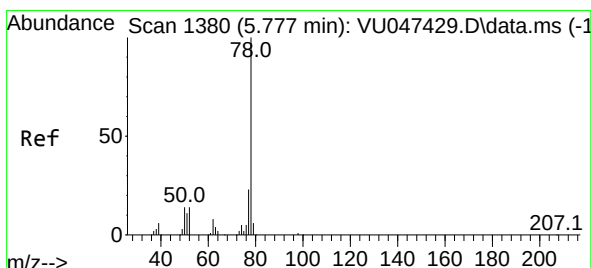
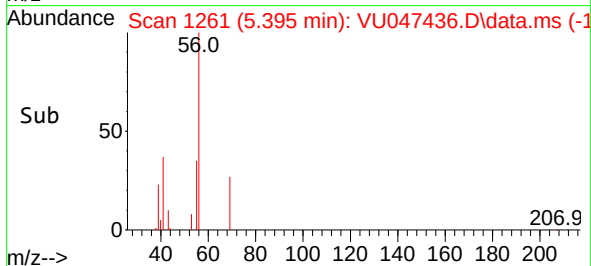
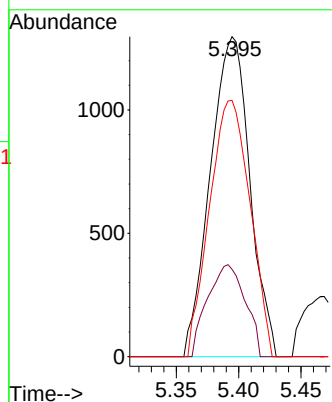
Tgt Ion: 56 Resp: 2860

Ion Ratio Lower Upper

56 100

69 27.4 26.0 39.0

84 82.0 76.3 114.5



#33

Benzene

Concen: 0.897 ug/L

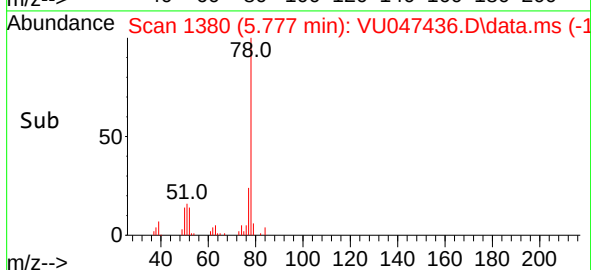
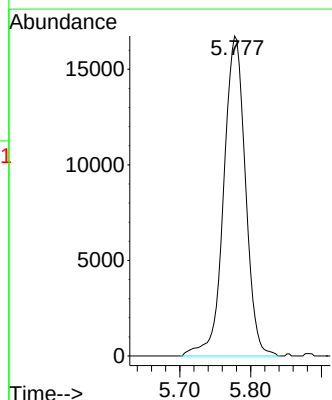
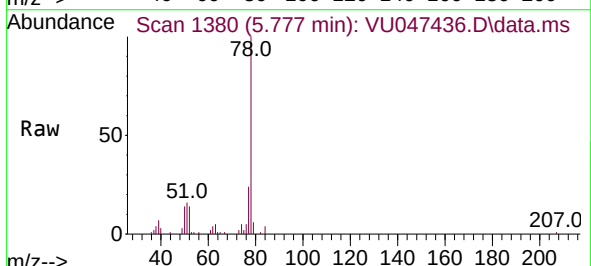
RT: 5.777 min Scan# 1380

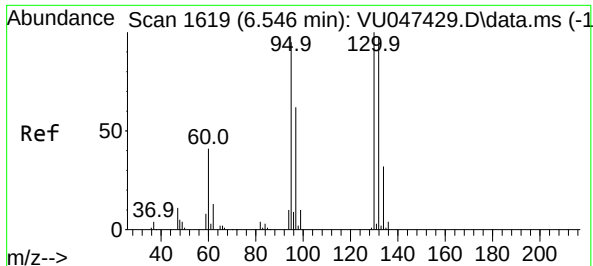
Delta R.T. 0.000 min

Lab File: VU047436.D

Acq: 10 Mar 2022 05:18

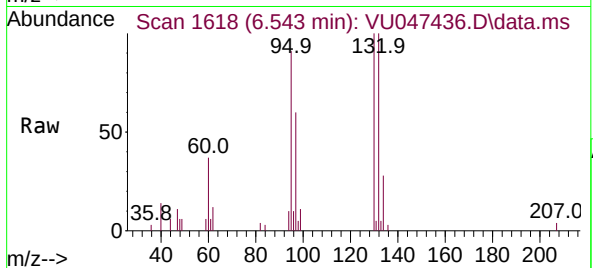
Tgt Ion: 78 Resp: 35731





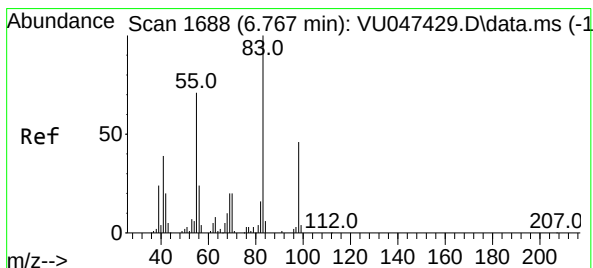
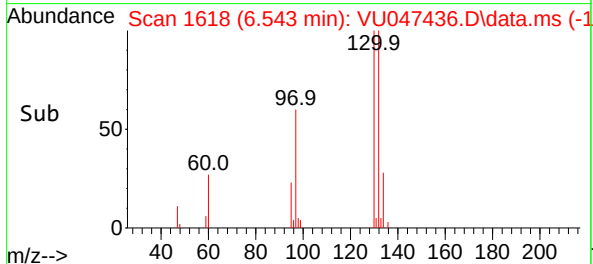
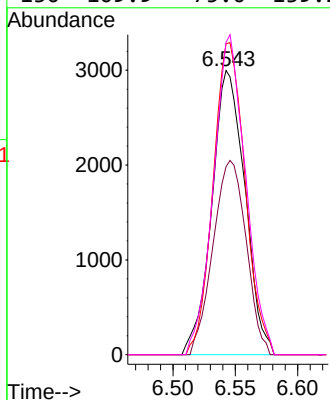
#34
Trichloroethene
Concen: 0.520 ug/L
RT: 6.543 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU047436.D
Acq: 10 Mar 2022 05:18

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 5540

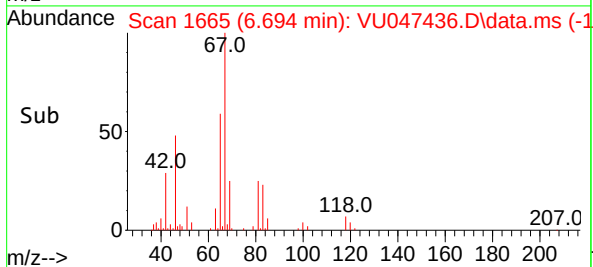
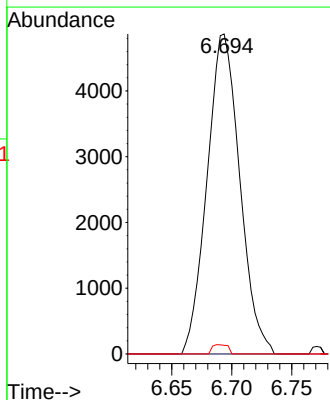
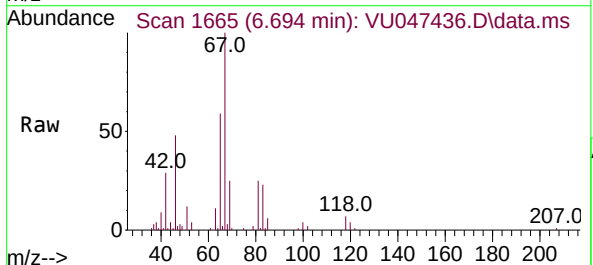
Ion	Ratio	Lower	Upper
95	100		
97	66.2	46.3	85.9
132	109.4	71.7	133.1
130	109.9	75.0	139.2

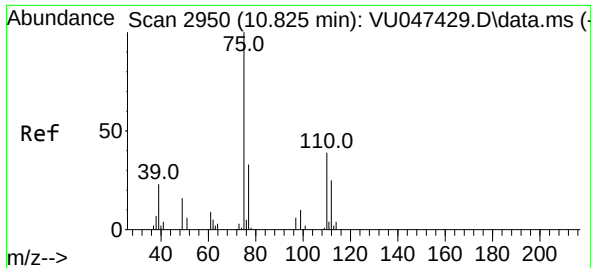


#35
Methylcyclohexane
Concen: 0.550 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047436.D
Acq: 10 Mar 2022 05:18

Tgt Ion: 83 Resp: 9237

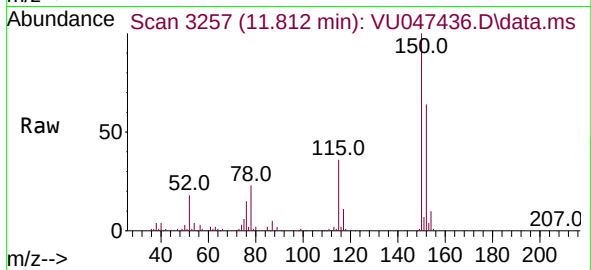
Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.8#
98	1.4	38.0	57.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.062 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047436.D
 Acq: 10 Mar 2022 05:18

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	7884
Ion	Ratio	Lower Upper
75	100	
110	2.2	31.0 46.4#
77	36.0	26.2 39.4

