

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047449.D
 Acq On : 10 Mar 2022 10:23
 Operator : SY/MD
 Sample : N1857-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 11 00:18:05 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)

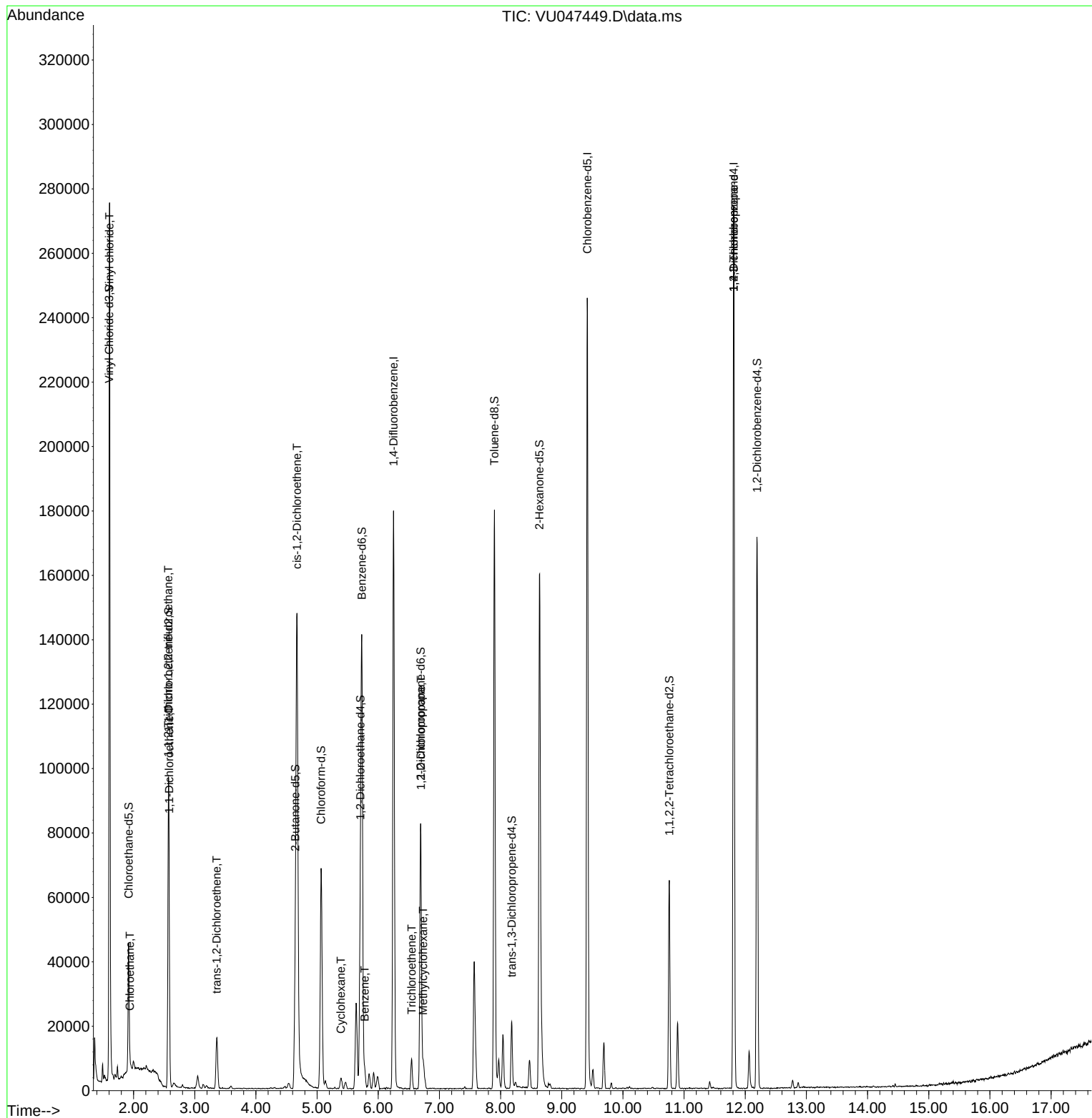
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	153194	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	146233	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	75956	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	40044	4.820	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.919	69	29897	4.902	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.571	65	17902	4.878	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.600%
20) 2-Butanone-d5	4.645	46	67631	45.720	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.440%
24) Chloroform-d	5.067	84	63675	4.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.706	65	33197	4.953	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.732	84	136310	4.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.694	67	40175	4.937	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.899	98	126159	4.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	8.182	79	12065	3.492	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.800%
46) 2-Hexanone-d5	8.636	63	65531	43.057	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.120%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	31073	4.382	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	48984	5.087	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	155271	13.782	ug/L	98
8) Chloroethane	1.941	64	4434	0.648	ug/L #	59
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	550	0.060	ug/L #	17
12) 1,1-Dichloroethene	2.581	96	1154	0.128	ug/L #	1
18) trans-1,2-Dichloroethene	3.359	96	6167	0.640	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	70564	6.613	ug/L	95
30) Cyclohexane	5.391	56	1909	0.131	ug/L #	91
33) Benzene	5.777	78	5353	0.136	ug/L	100
34) Trichloroethene	6.546	95	3207	0.304	ug/L	95
35) Methylcyclohexane	6.732	83	1951	0.117	ug/L #	25
37) 1,2-Dichloropropane	6.697	63	4125	0.419	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	7850	1.116	ug/L #	66

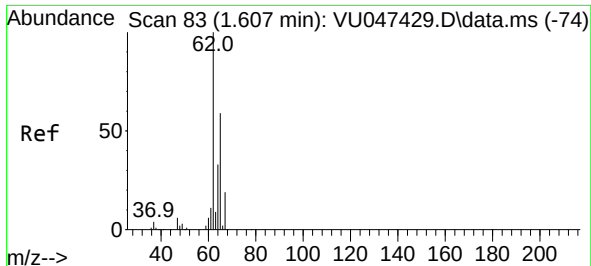
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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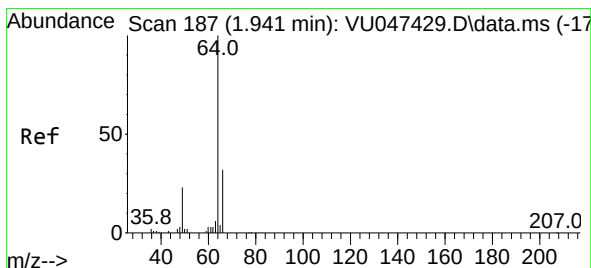
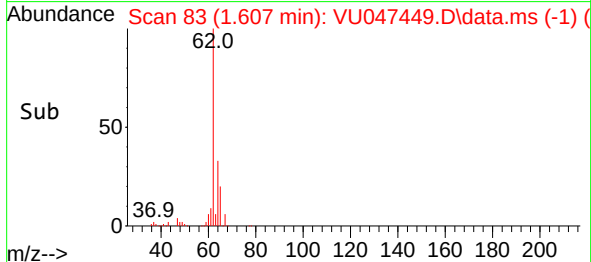
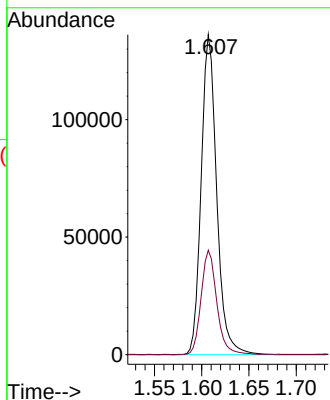
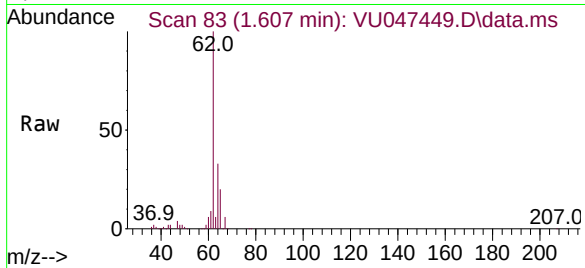




#5
 Vinyl chloride
 Concen: 13.782 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU047449.D
 Acq: 10 Mar 2022 10:23

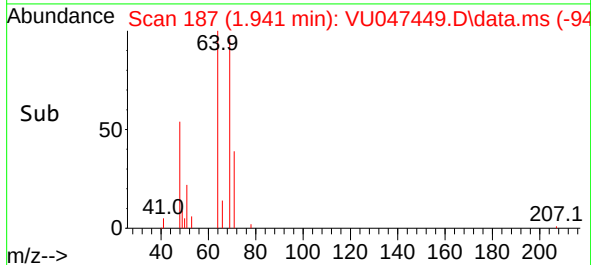
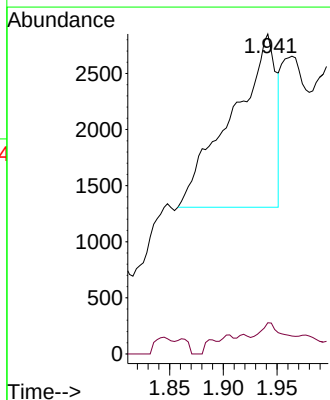
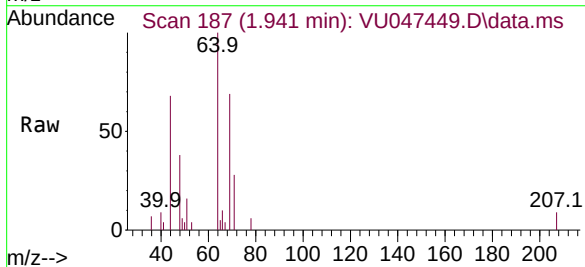
Instrument :
 MSVOA_U
 ClientSampleId :

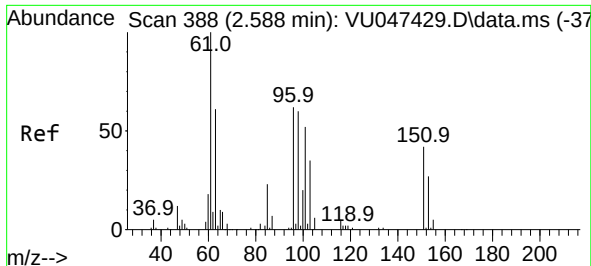
Tgt Ion: 62 Resp: 155271
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.7 43.9



#8
 Chloroethane
 Concen: 0.648 ug/L
 RT: 1.941 min Scan# 187
 Delta R.T. -0.000 min
 Lab File: VU047449.D
 Acq: 10 Mar 2022 10:23

Tgt Ion: 64 Resp: 4434
 Ion Ratio Lower Upper
 64 100
 66 9.7 22.9 42.5#





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.060 ug/L

RT: 2.568 min Scan# 31

Delta R.T. -0.019 min

Lab File: VU047449.D

Acq: 10 Mar 2022 10:23

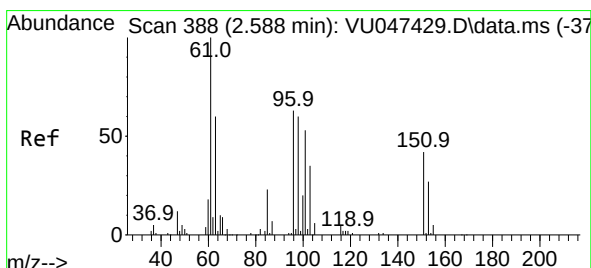
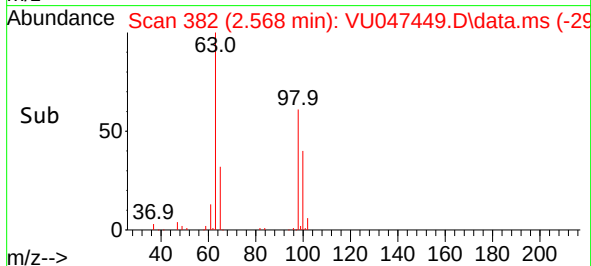
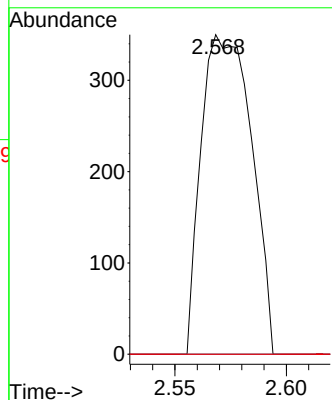
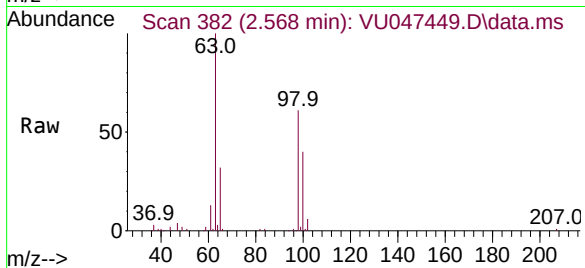
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101 Resp: 550

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: 0.128 ug/L

RT: 2.581 min Scan# 386

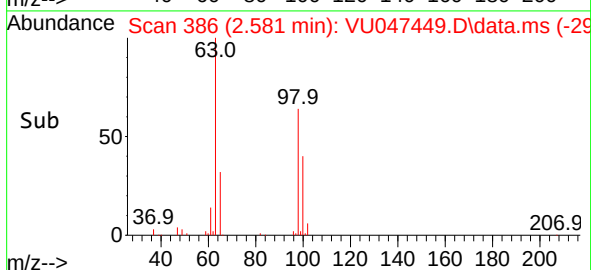
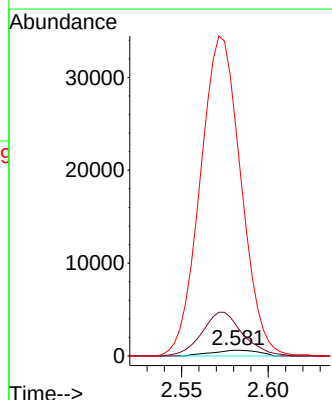
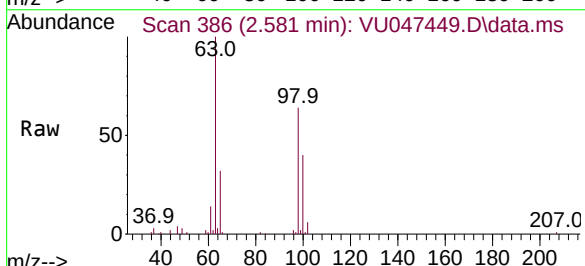
Delta R.T. -0.006 min

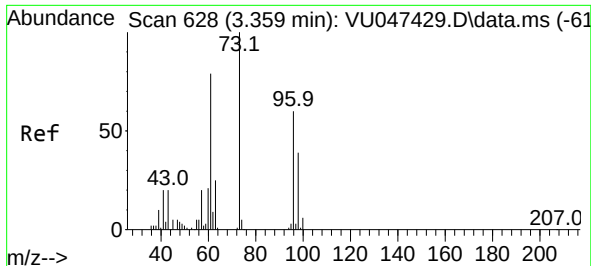
Lab File: VU047449.D

Acq: 10 Mar 2022 10:23

Tgt Ion: 96 Resp: 1154

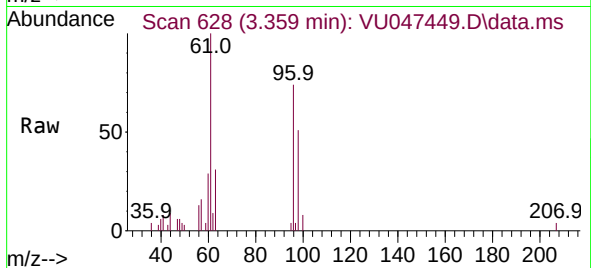
Ion	Ratio	Lower	Upper
96	100		
61	551.4	108.8	202.0#
63	4049.4	64.0	119.0#



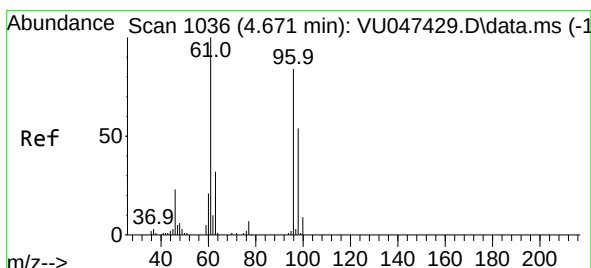
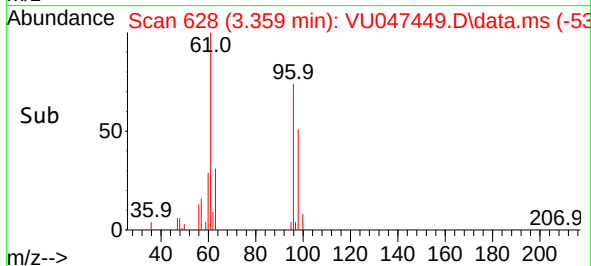
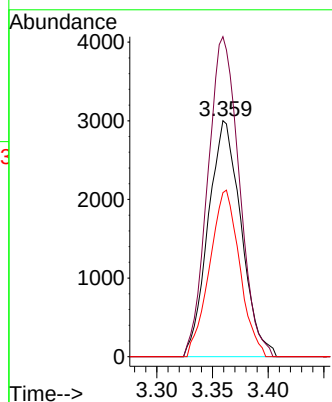


#18
trans-1,2-Dichloroethene
Concen: 0.640 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047449.D
Acq: 10 Mar 2022 10:23

Instrument :
MSVOA_U
ClientSampleId :

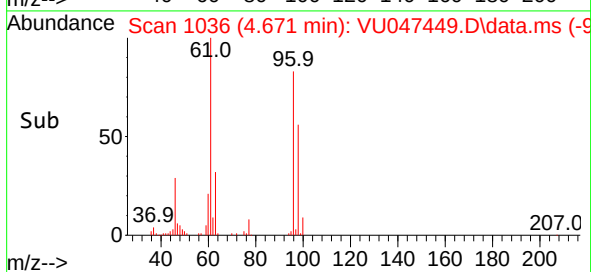
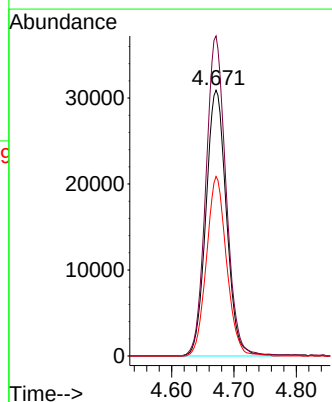
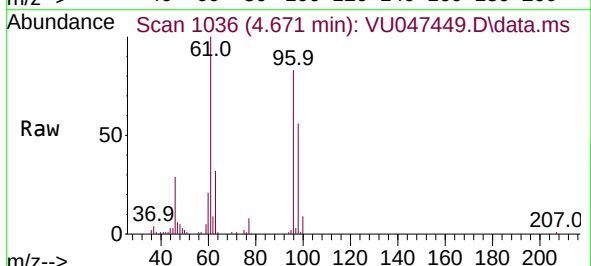


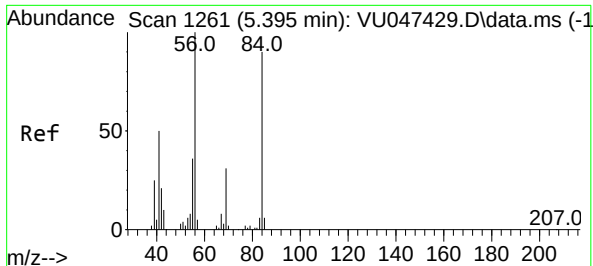
Tgt Ion: 96 Resp: 6167
Ion Ratio Lower Upper
96 100
61 135.6 90.4 167.8
98 69.5 45.0 83.6



#22
cis-1,2-Dichloroethene
Concen: 6.613 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047449.D
Acq: 10 Mar 2022 10:23

Tgt Ion: 96 Resp: 70564
Ion Ratio Lower Upper
96 100
61 120.4 80.8 150.0
98 67.6 44.7 83.1





#30

Cyclohexane

Concen: 0.131 ug/L

RT: 5.391 min Scan# 11

Delta R.T. -0.003 min

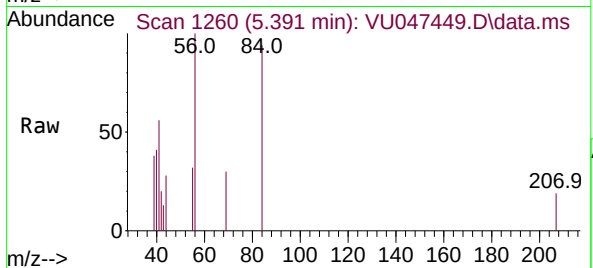
Lab File: VU047449.D

Acq: 10 Mar 2022 10:23

Instrument :

MSVOA_U

ClientSampleId :



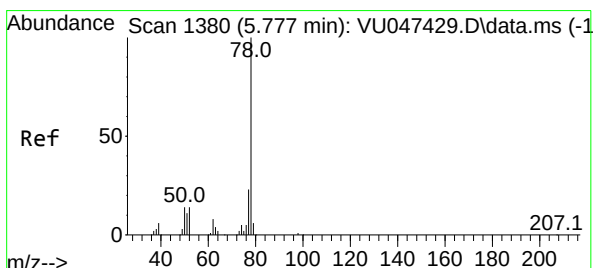
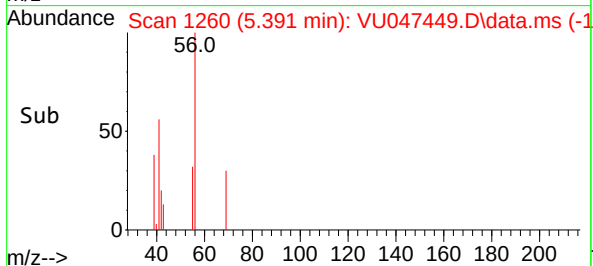
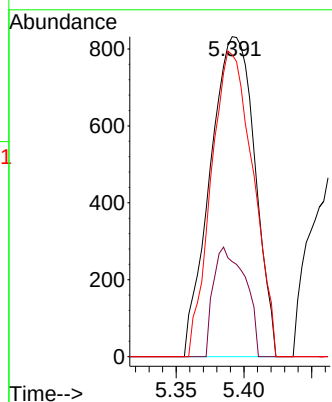
Tgt Ion: 56 Resp: 1909

Ion Ratio Lower Upper

56 100

69 24.1 26.0 39.0#

84 89.2 76.3 114.5



#33

Benzene

Concen: 0.136 ug/L

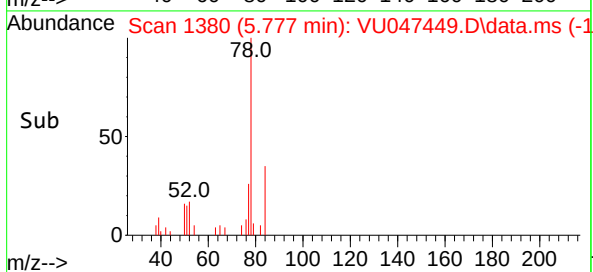
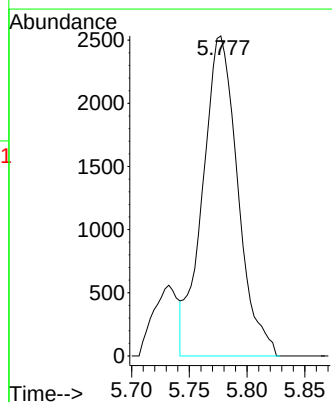
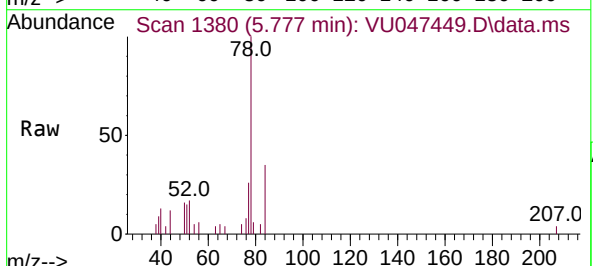
RT: 5.777 min Scan# 1380

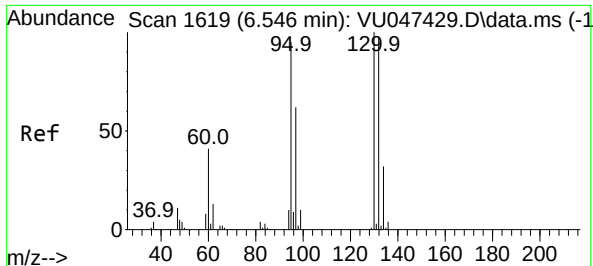
Delta R.T. 0.000 min

Lab File: VU047449.D

Acq: 10 Mar 2022 10:23

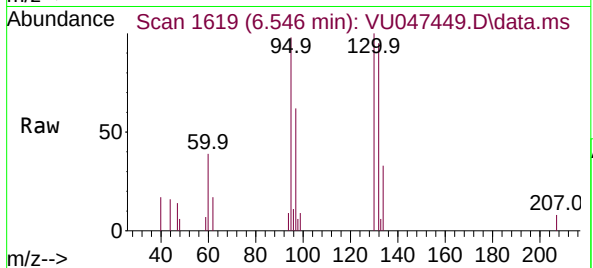
Tgt Ion: 78 Resp: 5353



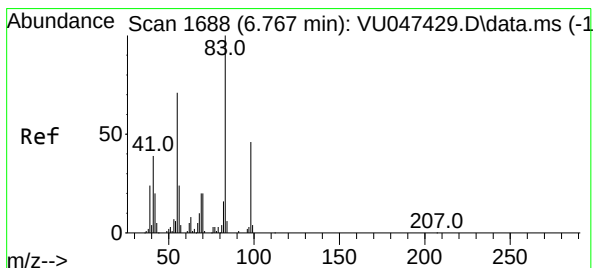
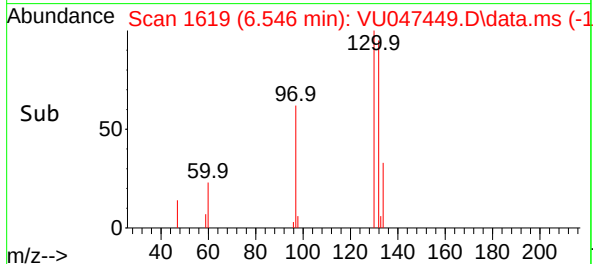
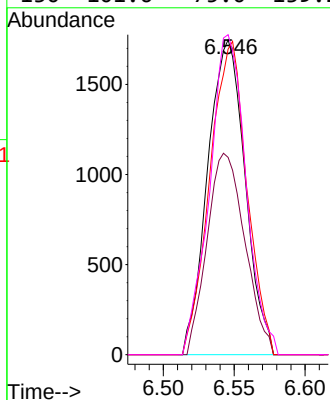


#34
Trichloroethene
Concen: 0.304 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
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Acq: 10 Mar 2022 10:23

Instrument :
MSVOA_U
ClientSampleId :

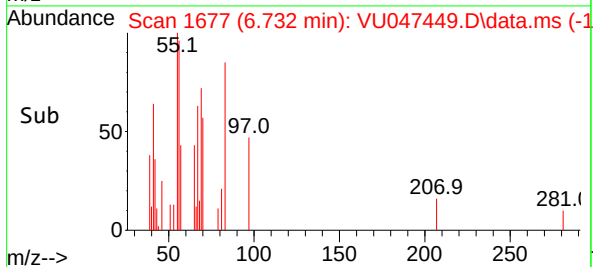
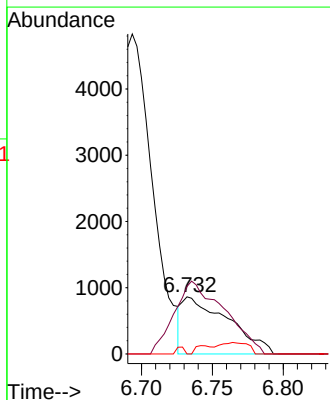
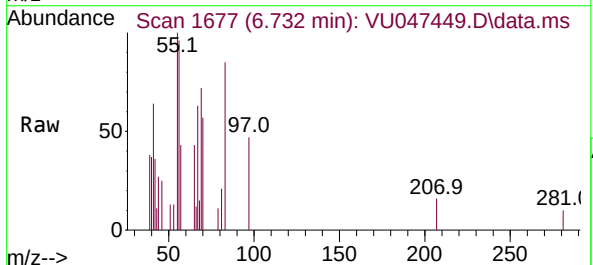


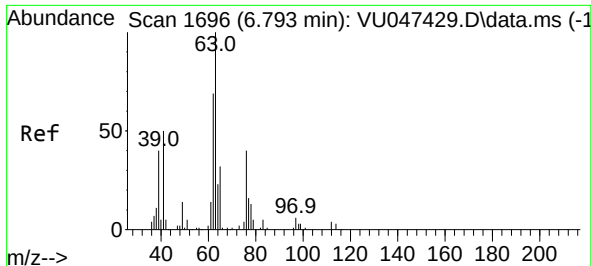
Tgt Ion: 95 Resp: 3207
Ion Ratio Lower Upper
95 100
97 62.6 46.3 85.9
132 97.0 71.7 133.1
130 101.6 75.0 139.2



#35
Methylcyclohexane
Concen: 0.117 ug/L
RT: 6.732 min Scan# 1677
Delta R.T. -0.035 min
Lab File: VU047449.D
Acq: 10 Mar 2022 10:23

Tgt Ion: 83 Resp: 1951
Ion Ratio Lower Upper
83 100
55 139.1 57.8 86.8#
98 2.0 38.0 57.0#





#37

1,2-Dichloropropane

Concen: 0.419 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU047449.D

Acq: 10 Mar 2022 10:23

Instrument :

MSVOA_U

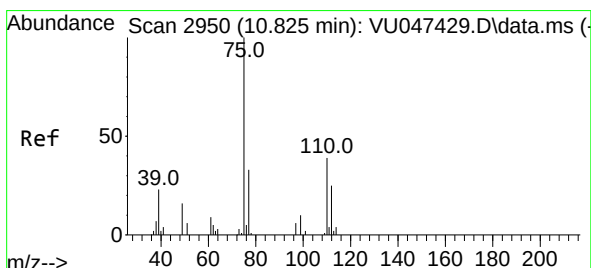
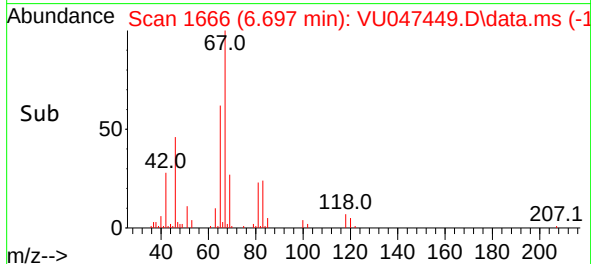
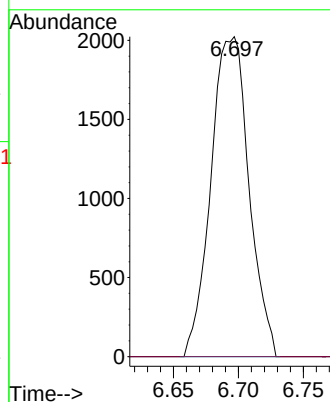
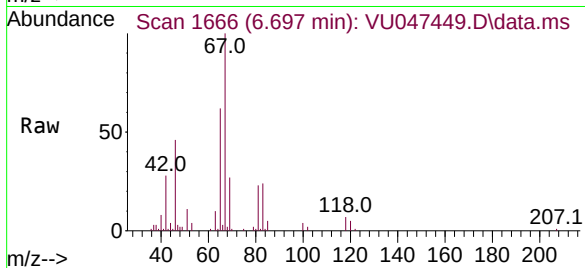
ClientSampleId :

Tgt Ion: 63 Resp: 4125

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#61

1,2,3-Trichloropropane

Concen: 1.116 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU047449.D

Acq: 10 Mar 2022 10:23

Tgt Ion: 75 Resp: 7850

Ion Ratio Lower Upper

75 100

110 2.0 31.0 46.4#

77 31.1 26.2 39.4

