

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061522\
 Data File : VU049164.D
 Acq On : 15 Jun 2022 12:49
 Operator : SY/MD
 Sample : N3288-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGJA1

Quant Time: Jun 16 04:47:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 04:45:30 2022
 Response via : Initial Calibration

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

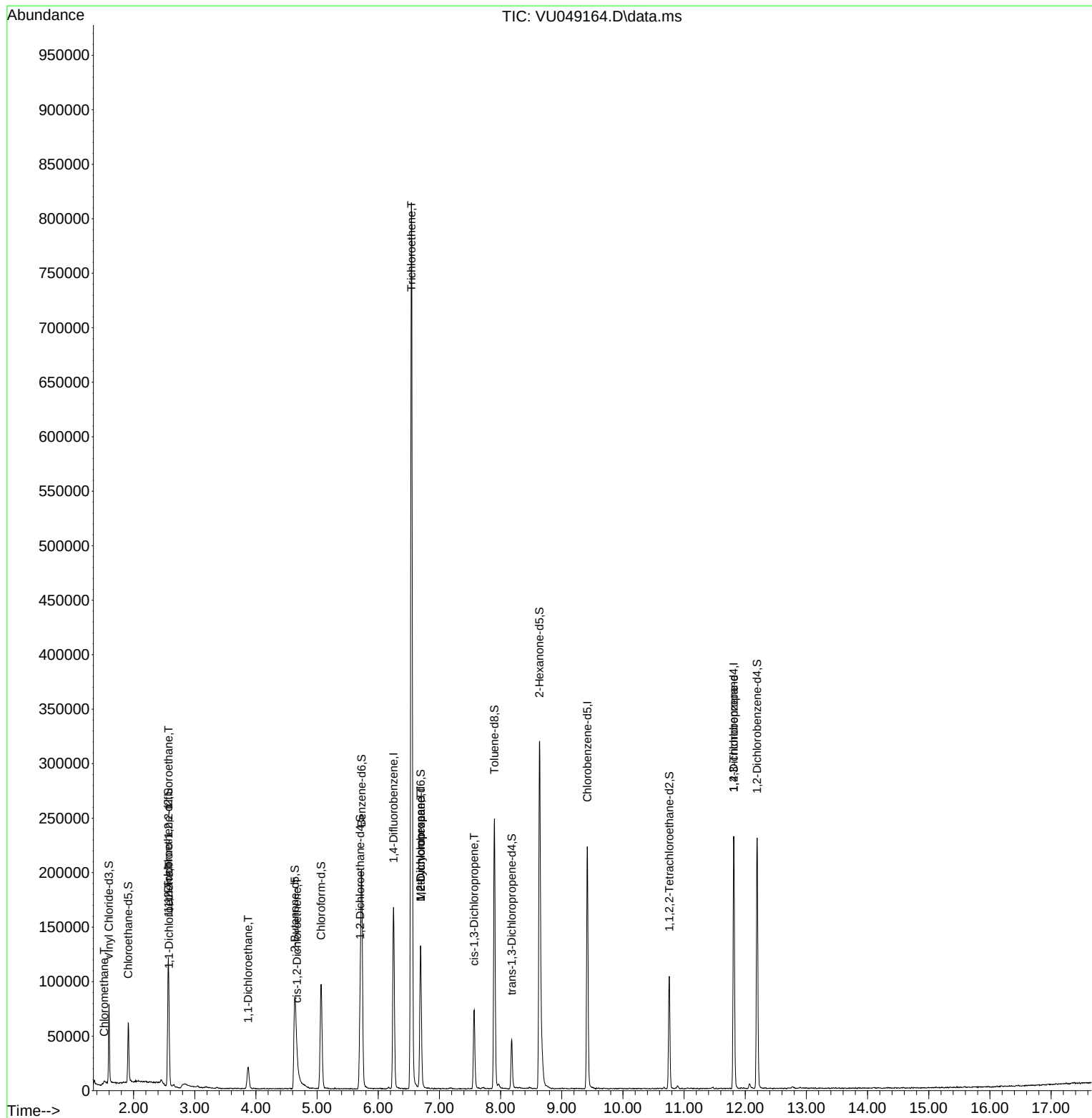
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	132567	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	121581	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	59633	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	50402	4.351	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.912	69	37256	4.751	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.568	65	21584	4.633	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	4.636	46	174959	56.568	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.140%
24) Chloroform-d	5.066	84	90236	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.703	65	51071	5.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.729	84	180349	4.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.693	67	62673	5.042	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.899	98	158613	4.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	8.182	79	26036	4.714	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.635	63	114559	51.422	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.840%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	51752	5.199	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	58340	5.098	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1900	0.153	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	632	0.083	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	7810	1.048	ug/L #	1
19) 1,1-Dichloroethane	3.874	63	23448	1.440	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	3123	0.338	ug/L	76
34) Trichloroethene	6.542	95	284436	30.758	ug/L	99
35) Methylcyclohexane	6.693	83	13342	0.860	ug/L #	16
37) 1,2-Dichloropropane	6.693	63	6631	0.667	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1855	0.123	ug/L #	48
61) 1,2,3-Trichloropropane	11.812	75	8068	1.206	ug/L #	70

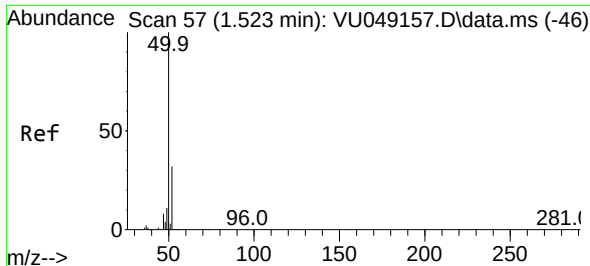
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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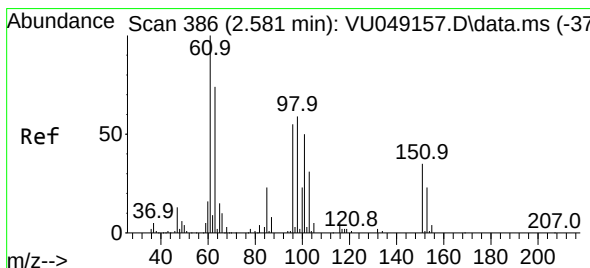
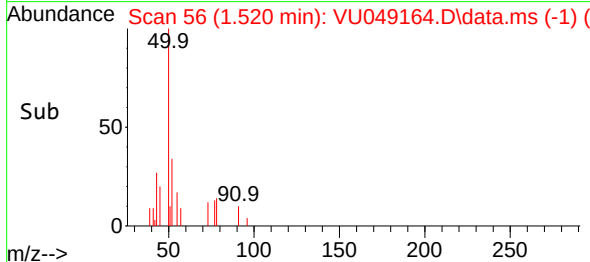
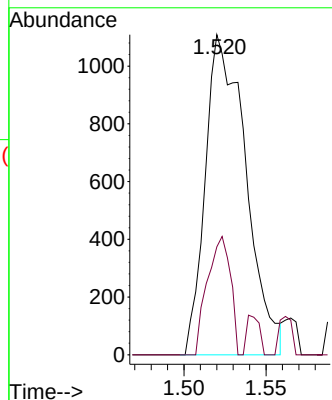
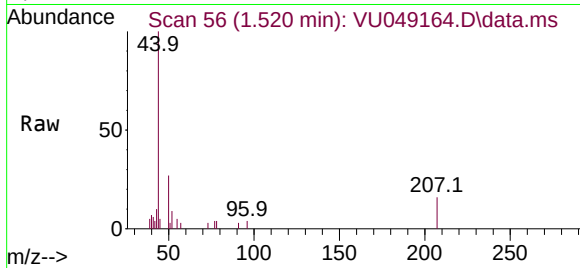




#3
Chloromethane
Concen: 0.153 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU049164.D
Acq: 15 Jun 2022 12:49

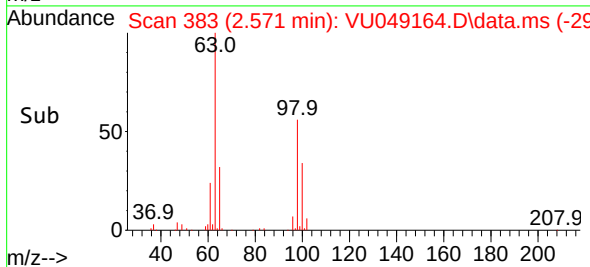
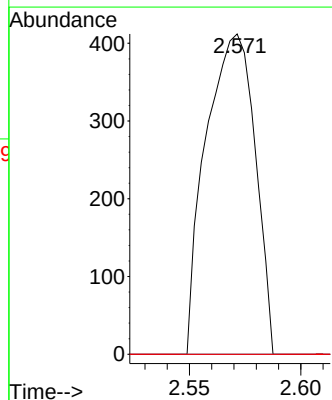
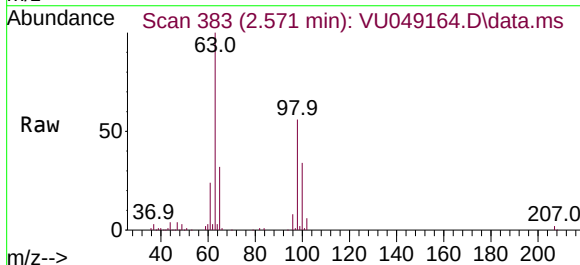
Instrument :
MSVOA_U
ClientSampleId :
BGJA1

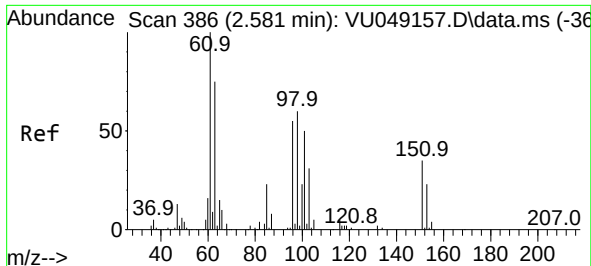
Tgt Ion: 50 Resp: 1900
Ion Ratio Lower Upper
50 100
52 33.7 22.7 42.1



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.083 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.010 min
Lab File: VU049164.D
Acq: 15 Jun 2022 12:49

Tgt Ion: 101 Resp: 632
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 56.8 85.2#

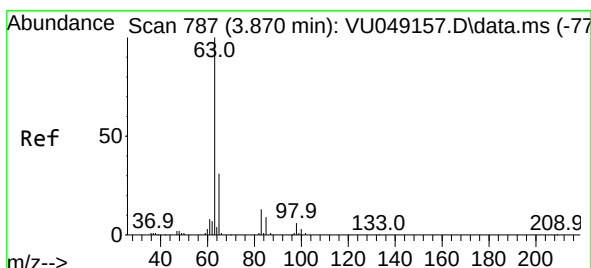
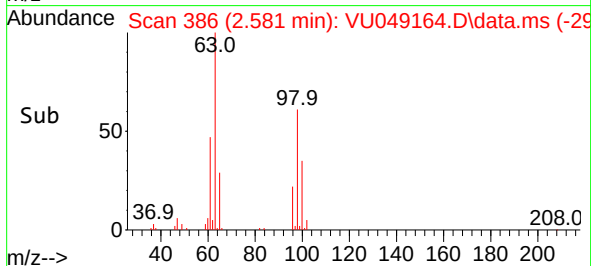
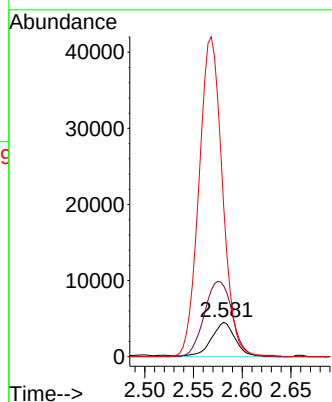
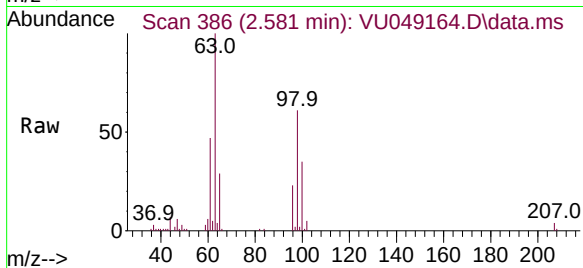




#12
1,1-Dichloroethene
Concen: 1.048 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU049164.D
Acq: 15 Jun 2022 12:49

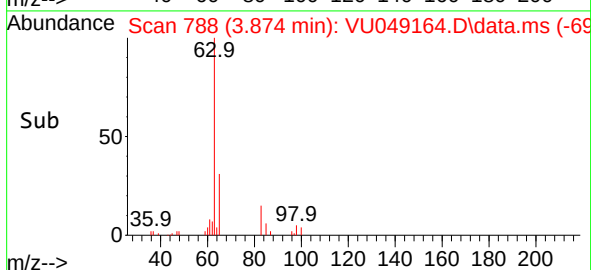
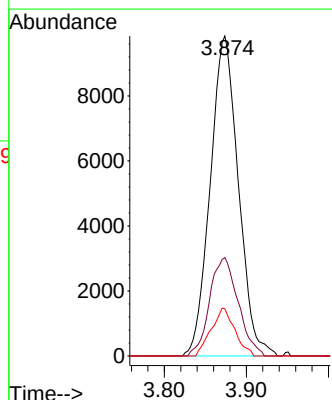
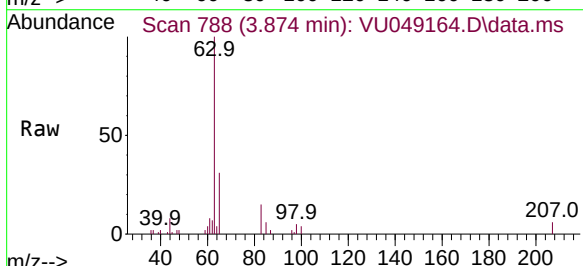
Instrument :
MSVOA_U
ClientSampleId :
BGJA1

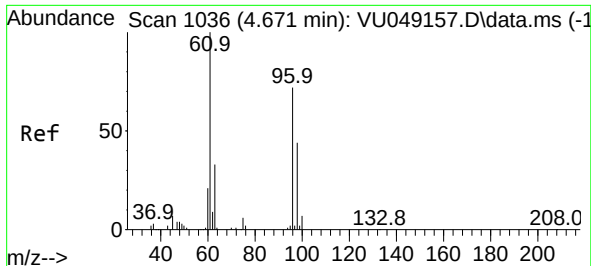
Tgt Ion: 96 Resp: 7810
Ion Ratio Lower Upper
96 100
61 205.6 127.2 236.2
63 435.0 94.7 175.9#



#19
1,1-Dichloroethane
Concen: 1.440 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.003 min
Lab File: VU049164.D
Acq: 15 Jun 2022 12:49

Tgt Ion: 63 Resp: 23448
Ion Ratio Lower Upper
63 100
65 30.7 24.0 44.6
83 14.8 9.1 16.9

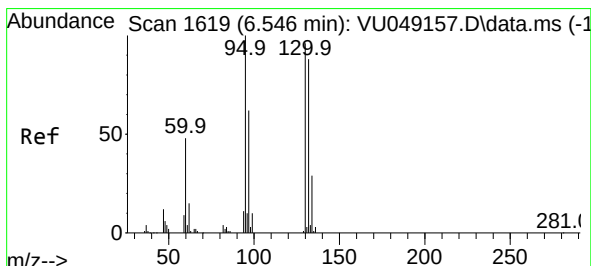
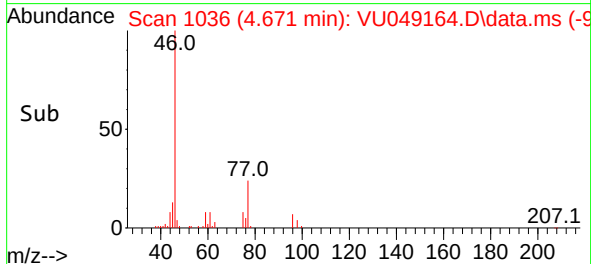
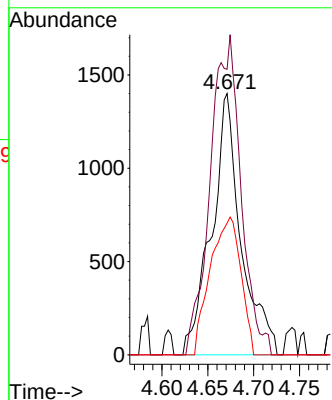
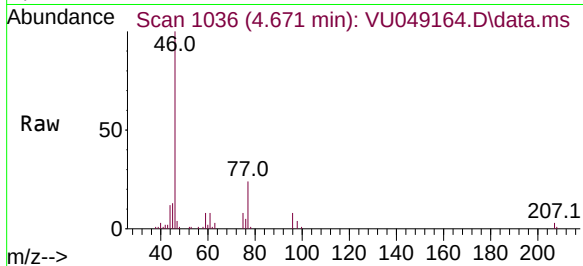




#22
 cis-1,2-Dichloroethene
 Concen: 0.338 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU049164.D
 Acq: 15 Jun 2022 12:49

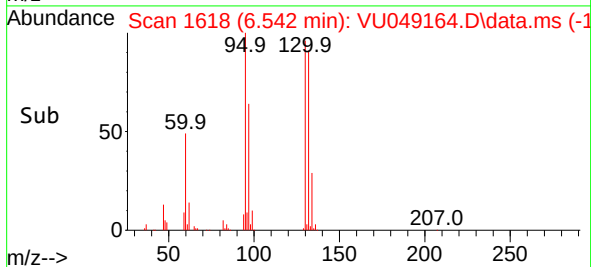
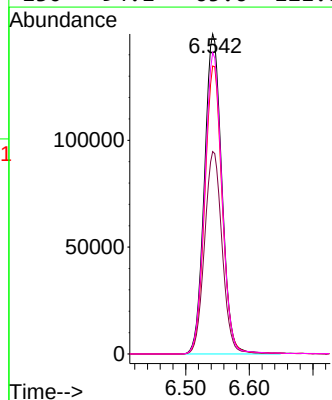
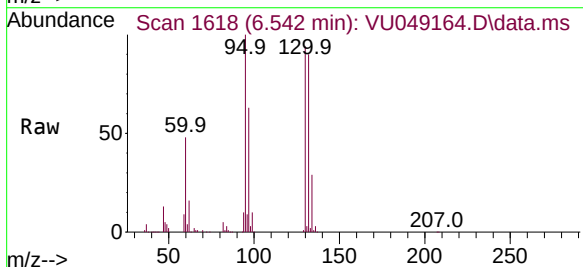
Instrument :
 MSVOA_U
 ClientSampleId :
 BGJA1

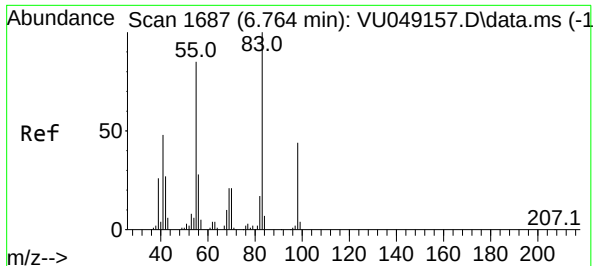
Tgt Ion: 96 Resp: 3123
 Ion Ratio Lower Upper
 96 100
 61 109.4 99.5 184.9
 98 50.4 44.8 83.2



#34
 Trichloroethene
 Concen: 30.758 ug/L
 RT: 6.542 min Scan# 1618
 Delta R.T. -0.003 min
 Lab File: VU049164.D
 Acq: 15 Jun 2022 12:49

Tgt Ion: 95 Resp: 284436
 Ion Ratio Lower Upper
 95 100
 97 63.3 45.3 84.1
 132 90.0 61.5 114.3
 130 94.1 65.6 121.8





#35

Methylcyclohexane

Concen: 0.860 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU049164.D

Acq: 15 Jun 2022 12:49

Instrument :

MSVOA_U

ClientSampleId :

BGJA1

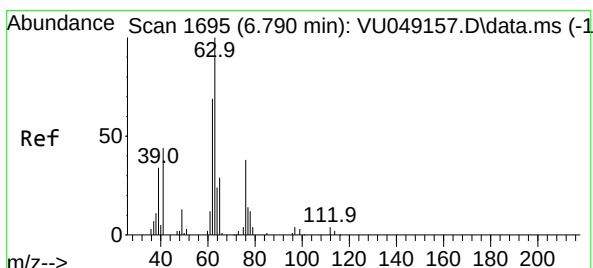
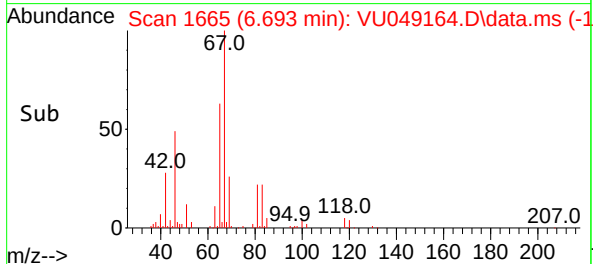
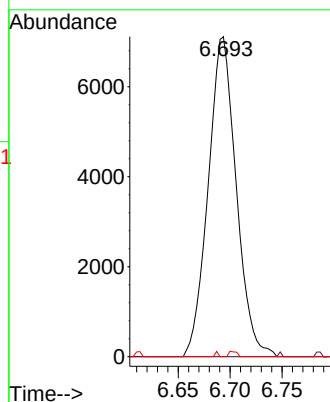
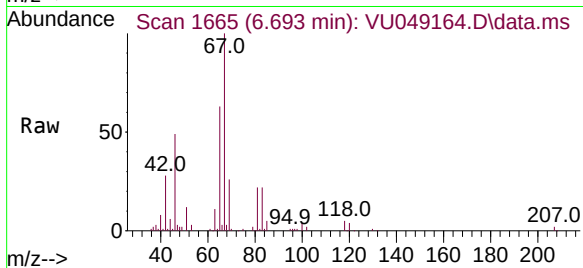
Tgt Ion: 83 Resp: 13342

Ion Ratio Lower Upper

83 100

55 0.2 66.9 100.3#

98 0.0 35.5 53.3#



#37

1,2-Dichloropropane

Concen: 0.667 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.096 min

Lab File: VU049164.D

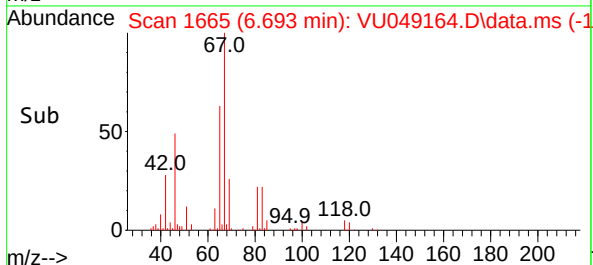
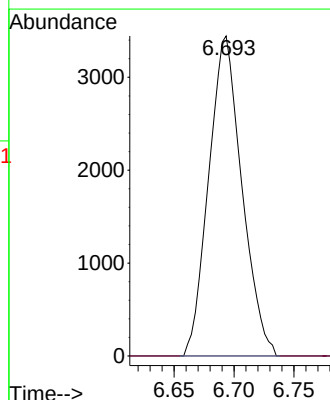
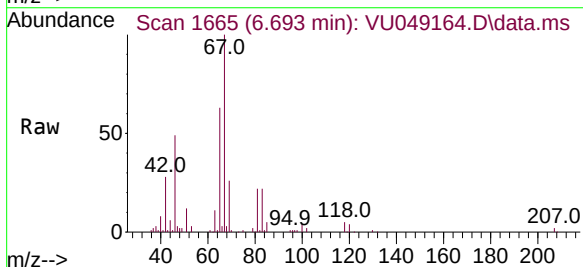
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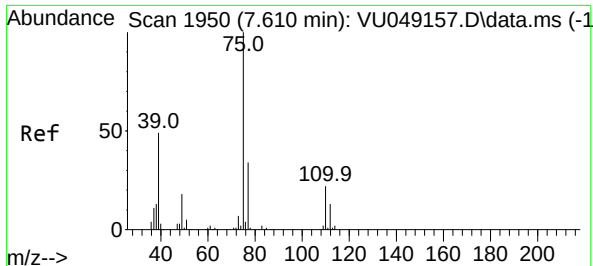
Tgt Ion: 63 Resp: 6631

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.123 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU049164.D

Acq: 15 Jun 2022 12:49

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MSVOA_U

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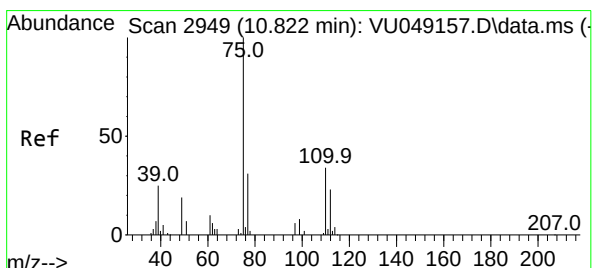
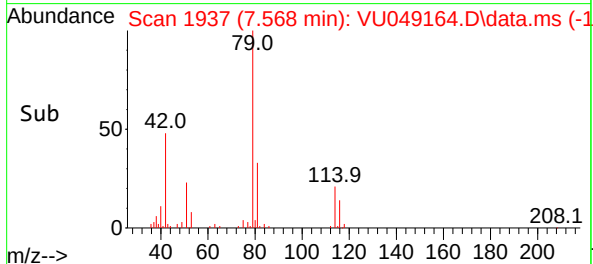
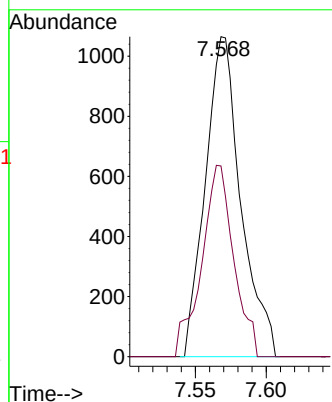
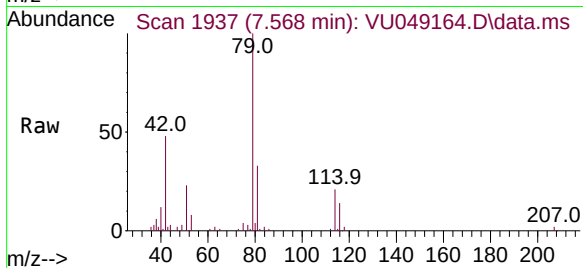
BGJA1

Tgt Ion: 75 Resp: 1855

Ion Ratio Lower Upper

75 100

77 59.6 21.8 40.4#



#61

1,2,3-Trichloropropane

Concen: 1.206 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049164.D

Acq: 15 Jun 2022 12:49

Tgt Ion: 75 Resp: 8068

Ion Ratio Lower Upper

75 100

110 3.3 29.0 43.4#

77 32.4 26.2 39.2

