

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050155.D
 Acq On : 09 Aug 2022 00:16
 Operator : SY/MD
 Sample : N4070-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJL9

Quant Time: Aug 09 05:17:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 03:59:45 2022
 Response via : Initial Calibration

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

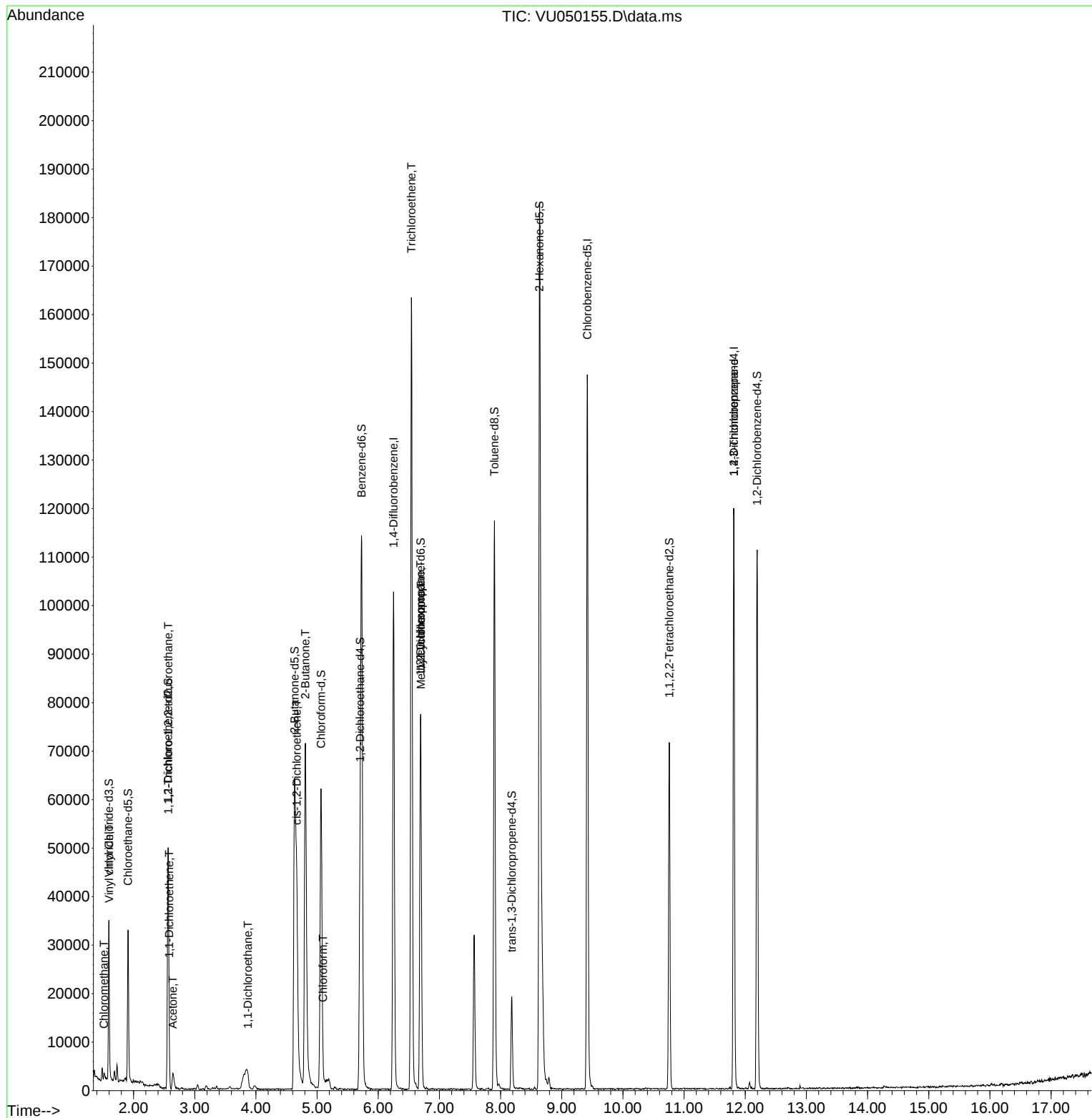
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	85697	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	86619	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	32980	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	22955	3.219	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.400%
7) Chloroethane-d5	1.909	69	22357	3.886	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	2.565	65	9130	3.276	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	4.632	46	99313	57.104	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.200%
24) Chloroform-d	5.067	84	59609	4.494	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.703	65	32555	4.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.729	84	107829	3.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	6.693	67	40180	4.514	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.899	98	81331	3.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.200%#
43) trans-1,3-Dichloroprop...	8.182	79	12043	3.776	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.636	63	58629	51.832	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.660%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37471	4.794	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	30270	4.684	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						Qvalue
3) Chloromethane	1.517	50	1277	0.124	ug/L	99
5) Vinyl chloride	1.600	62	1300	0.141	ug/L #	73
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	597	0.106	ug/L #	45
12) 1,1-Dichloroethene	2.581	96	1205	0.203	ug/L #	1
13) Acetone	2.642	43	5045	5.209	ug/L	94
19) 1,1-Dichloroethane	3.867	63	2396	0.191	ug/L	98
21) 2-Butanone	4.809	43	97193	55.805	ug/L #	47
22) cis-1,2-Dichloroethene	4.668	96	15254	2.072	ug/L	97
25) Chloroform	5.095	83	216	0.016	ug/L	79
34) Trichloroethene	6.542	95	58227	7.933	ug/L	99
35) Methylcyclohexane	6.697	83	8682	0.916	ug/L #	22
37) 1,2-Dichloropropane	6.690	63	3829	0.474	ug/L #	89
61) 1,2,3-Trichloropropane	11.815	75	3938	0.877	ug/L #	67

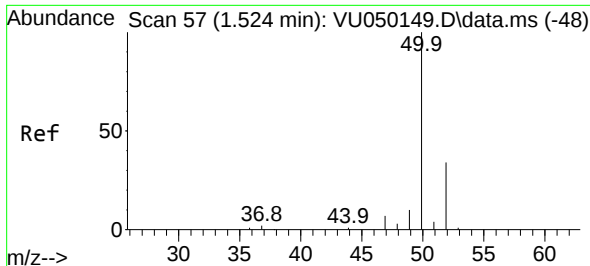
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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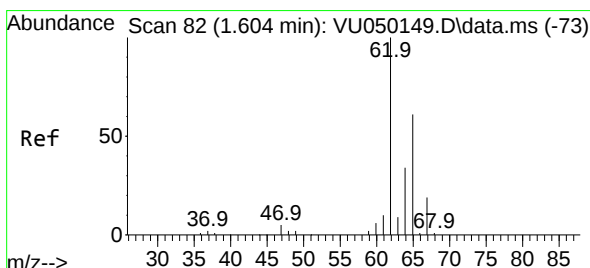
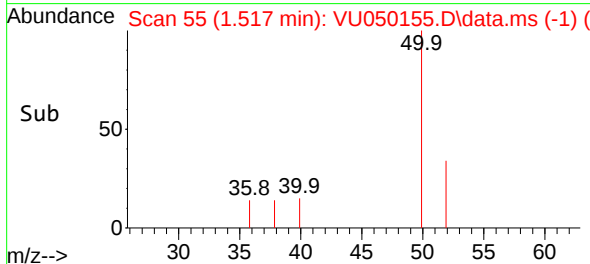
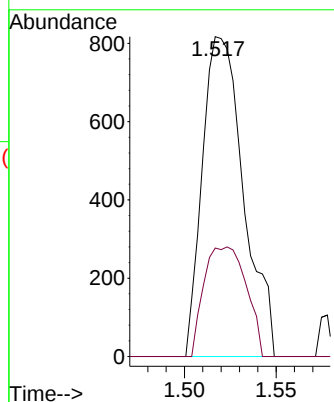
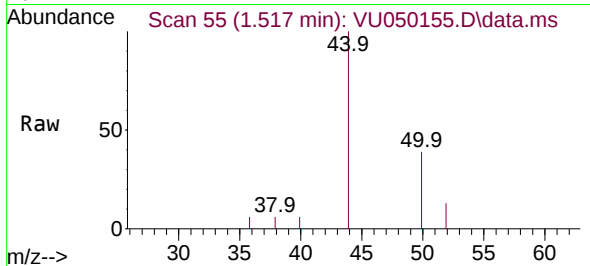




#3
Chloromethane
Concen: 0.124 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.007 min
Lab File: VU050155.D
Acq: 09 Aug 2022 00:16

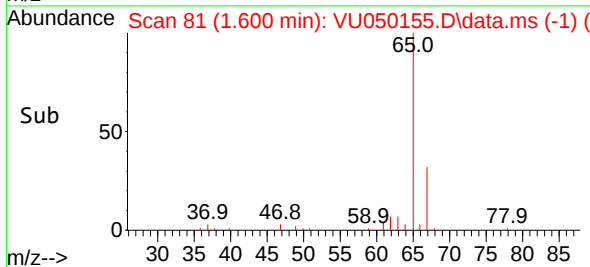
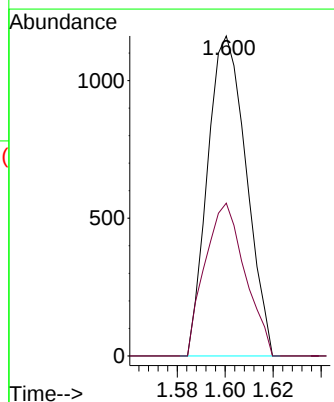
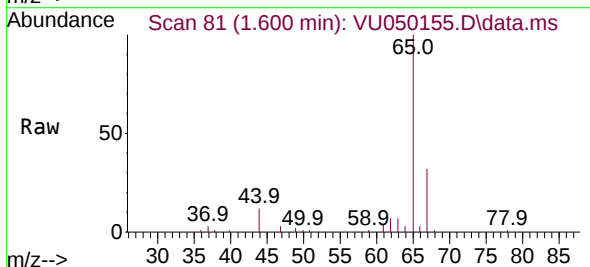
Instrument :
MSVOA_U
ClientSampleId :
GBJL9

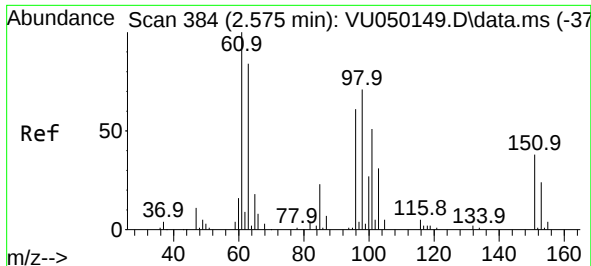
Tgt Ion: 50 Resp: 1277
Ion Ratio Lower Upper
50 100
52 33.9 23.2 43.2



#5
Vinyl chloride
Concen: 0.141 ug/L
RT: 1.600 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU050155.D
Acq: 09 Aug 2022 00:16

Tgt Ion: 62 Resp: 1300
Ion Ratio Lower Upper
62 100
64 47.8 22.8 42.4#

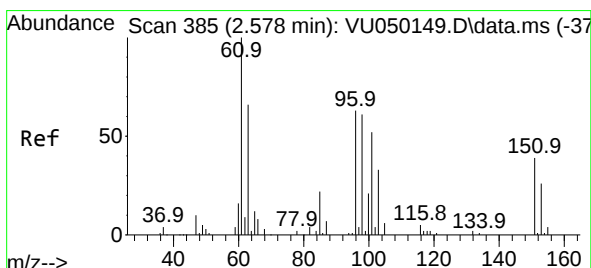
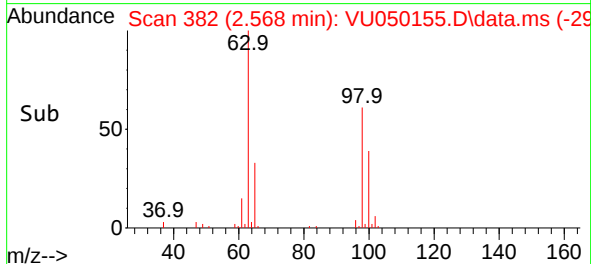
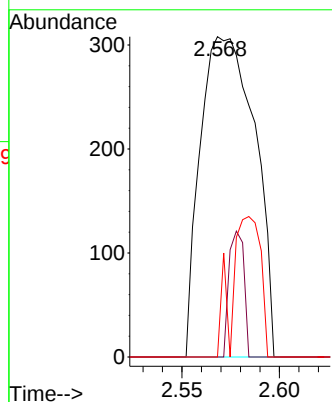
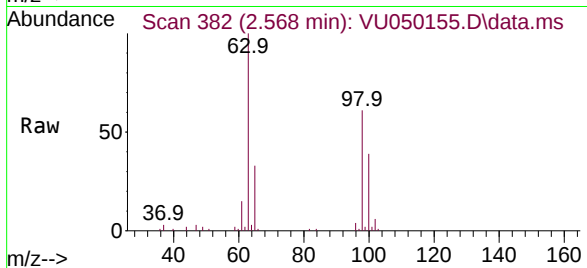




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.106 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.007 min
 Lab File: VU050155.D
 Acq: 09 Aug 2022 00:16

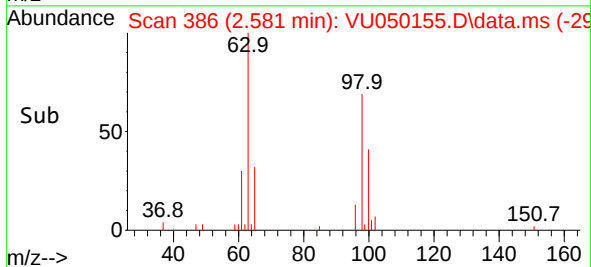
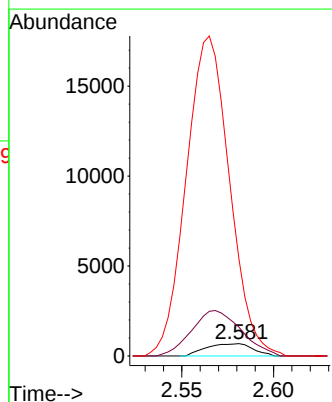
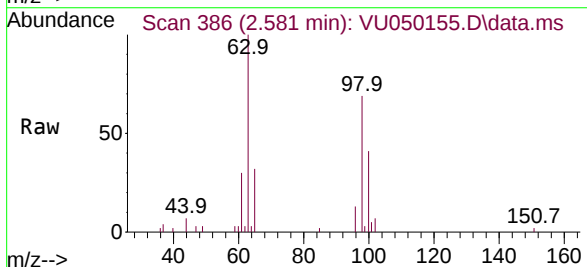
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJL9

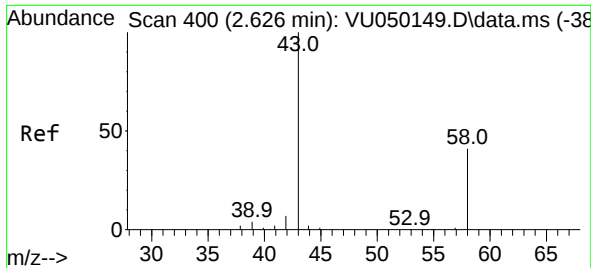
Tgt Ion:101 Resp: 597
 Ion Ratio Lower Upper
 101 100
 85 10.7 35.6 53.4#
 151 23.1 55.2 82.8#



#12
 1,1-Dichloroethene
 Concen: 0.203 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU050155.D
 Acq: 09 Aug 2022 00:16

Tgt Ion: 96 Resp: 1205
 Ion Ratio Lower Upper
 96 100
 61 232.8 122.7 227.9#
 63 786.6 85.1 158.1#





#13

Acetone

Concen: 5.209 ug/L

RT: 2.642 min Scan# 400

Delta R.T. 0.016 min

Lab File: VU050155.D

Acq: 09 Aug 2022 00:16

Instrument :

MSVOA_U

ClientSampleId :

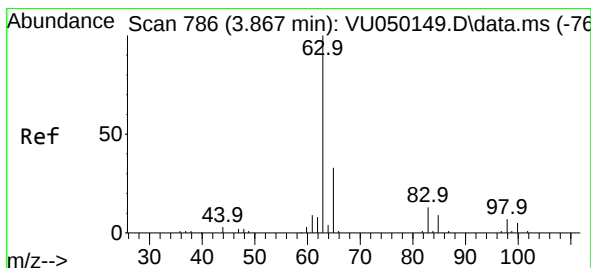
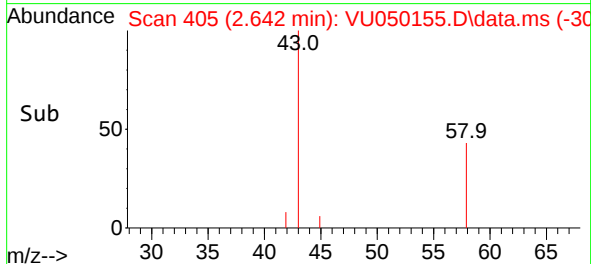
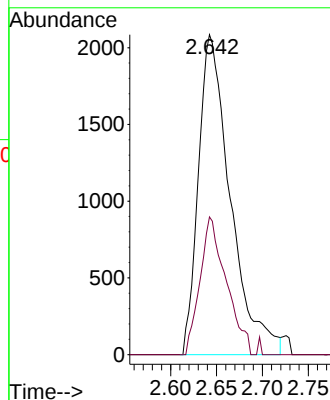
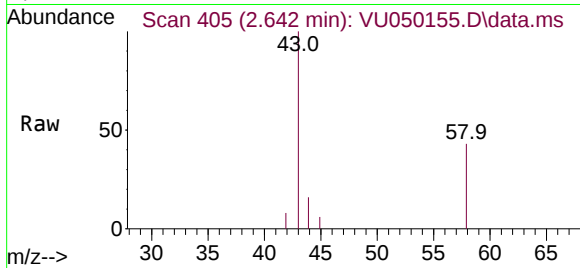
GBJL9

Tgt Ion: 43 Resp: 5045

Ion Ratio Lower Upper

43 100

58 35.4 0.0 64.0



#19

1,1-Dichloroethane

Concen: 0.191 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.000 min

Lab File: VU050155.D

Acq: 09 Aug 2022 00:16

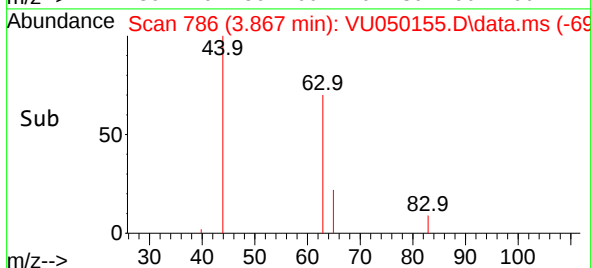
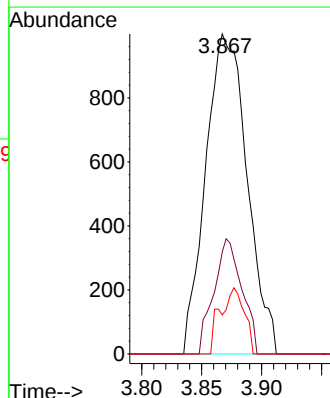
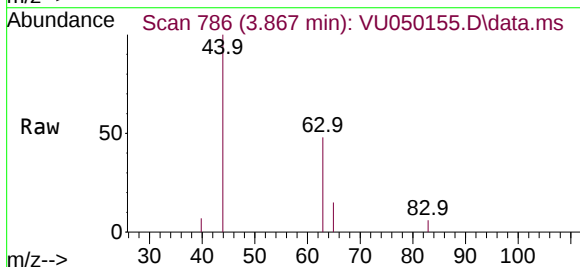
Tgt Ion: 63 Resp: 2396

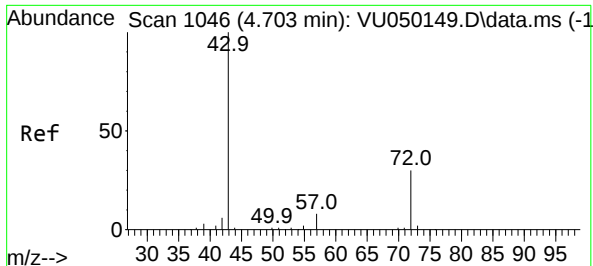
Ion Ratio Lower Upper

63 100

65 31.9 22.7 42.3

83 12.2 9.8 18.2





#21

2-Butanone

Concen: 55.805 ug/L

RT: 4.809 min Scan# 1079

Delta R.T. 0.106 min

Lab File: VU050155.D

Acq: 09 Aug 2022 00:16

Instrument :

MSVOA_U

ClientSampleId :

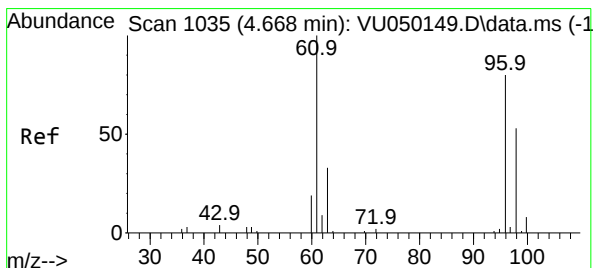
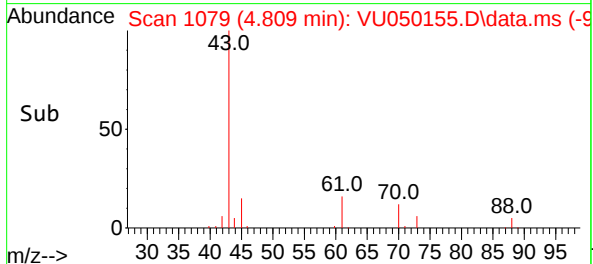
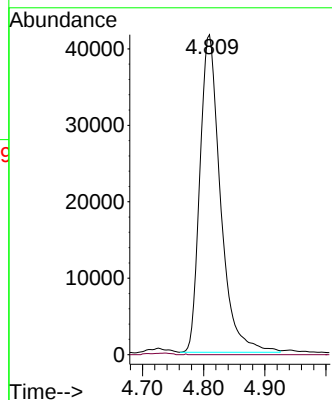
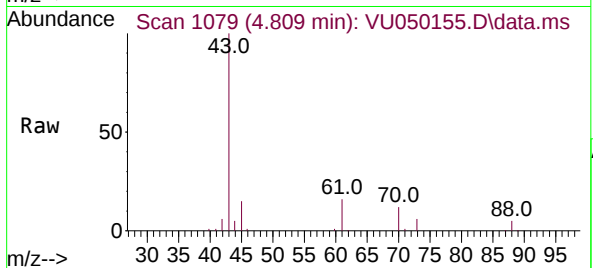
GBJL9

Tgt Ion: 43 Resp: 97193

Ion Ratio Lower Upper

43 100

72 0.0 14.0 42.0#



#22

cis-1,2-Dichloroethene

Concen: 2.072 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU050155.D

Acq: 09 Aug 2022 00:16

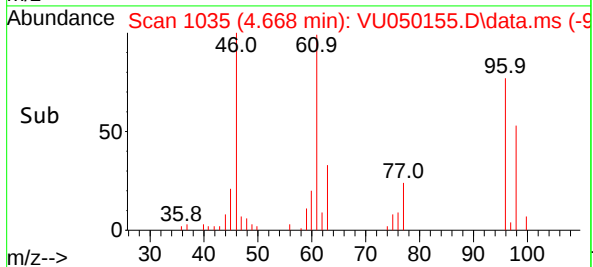
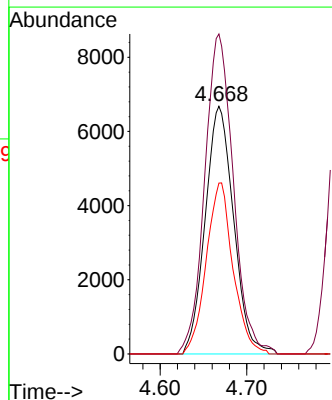
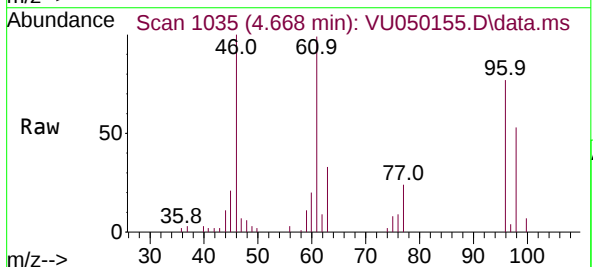
Tgt Ion: 96 Resp: 15254

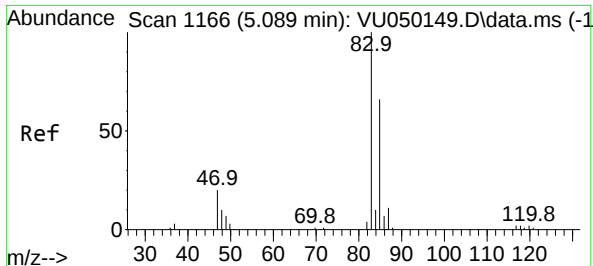
Ion Ratio Lower Upper

96 100

61 129.2 89.0 165.4

98 69.0 45.2 84.0





#25

Chloroform

Concen: 0.016 ug/L

RT: 5.095 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VU050155.D

Acq: 09 Aug 2022 00:16

Instrument :

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ClientSampleId :

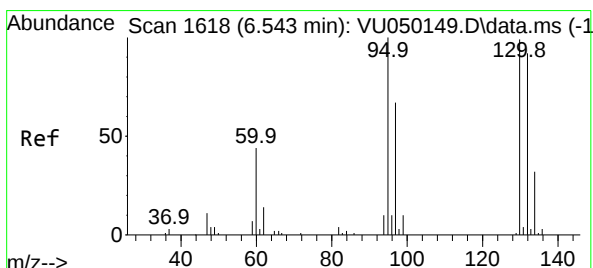
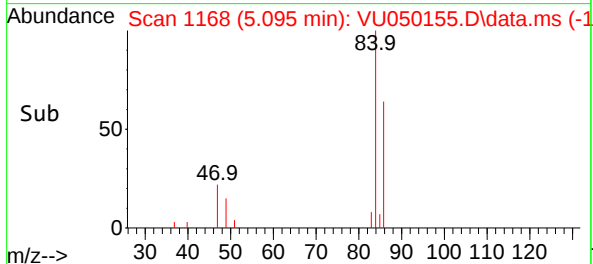
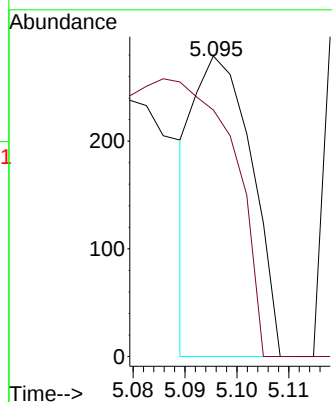
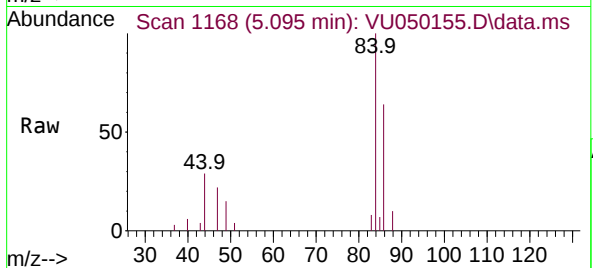
GBJL9

Tgt Ion: 83 Resp: 216

Ion Ratio Lower Upper

83 100

85 82.1 46.1 85.5



#34

Trichloroethene

Concen: 7.933 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU050155.D

Acq: 09 Aug 2022 00:16

Tgt Ion: 95 Resp: 58227

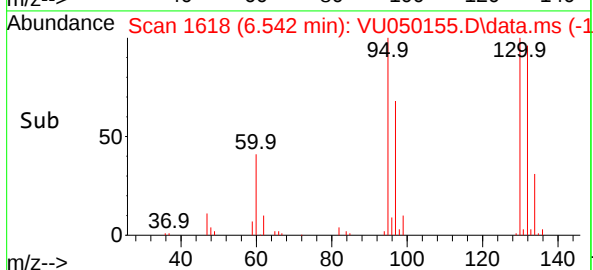
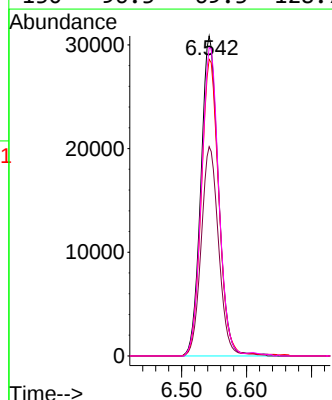
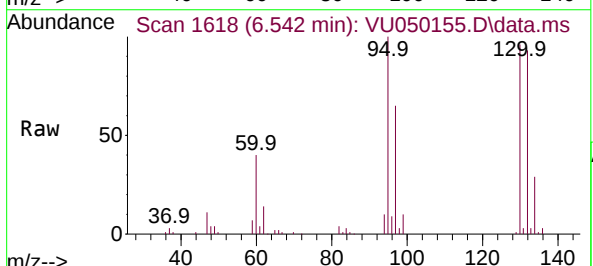
Ion Ratio Lower Upper

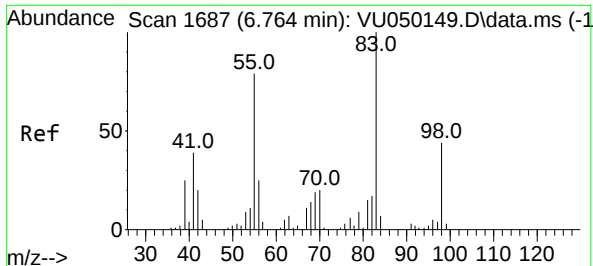
95 100

97 65.4 45.6 84.8

132 92.7 65.0 120.6

130 96.3 69.3 128.7





#35

Methylcyclohexane

Concen: 0.916 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.068 min

Lab File: VU050155.D

Acq: 09 Aug 2022 00:16

Instrument :

MSVOA_U

ClientSampleId :

GBJL9

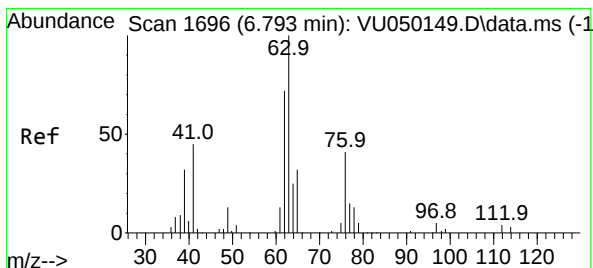
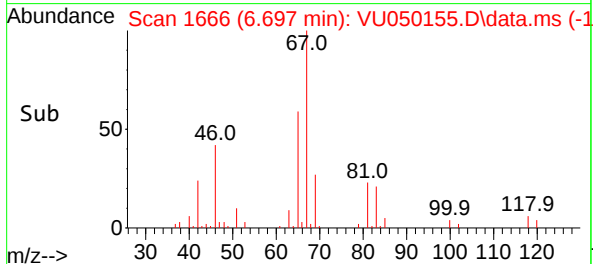
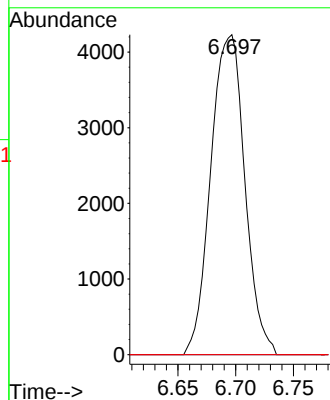
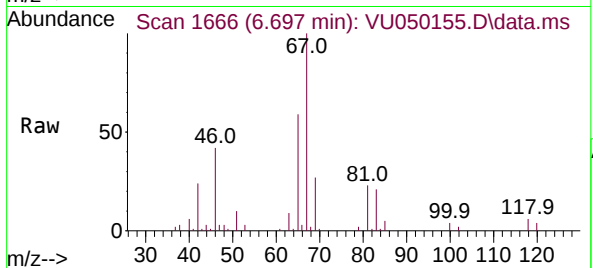
Tgt Ion: 83 Resp: 8682

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 7.3 36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.474 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU050155.D

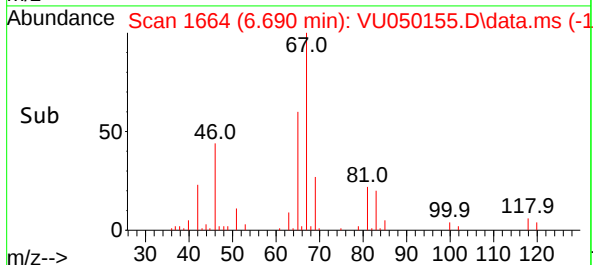
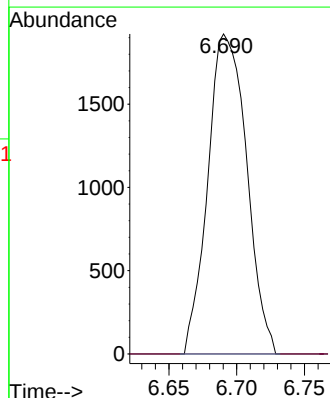
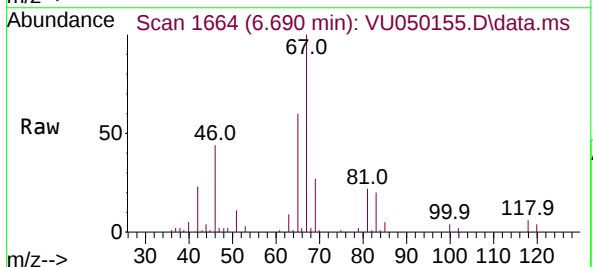
Acq: 09 Aug 2022 00:16

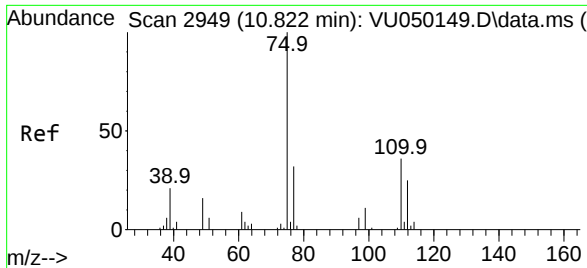
Tgt Ion: 63 Resp: 3829

Ion Ratio Lower Upper

63 100

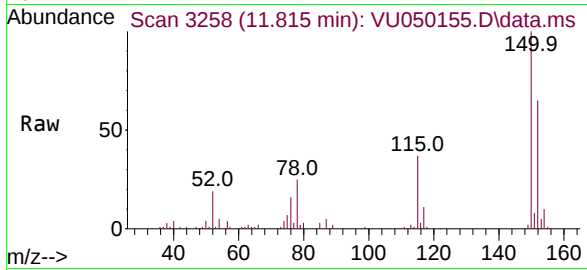
112 0.0 3.0 4.4#





#61
 1,2,3-Trichloropropane
 Concen: 0.877 ug/L
 RT: 11.815 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU050155.D
 Acq: 09 Aug 2022 00:16

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJL9



Tgt Ion:	75	Resp:	3938
Ion	Ratio	Lower	Upper
75	100		
110	0.0	28.5	42.7#
77	31.5	25.8	38.6

