

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050199.D
 Acq On : 09 Aug 2022 23:34
 Operator : SY/MD
 Sample : N4076-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 06:34:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 10 05:49:54 2022
 Response via : Initial Calibration

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

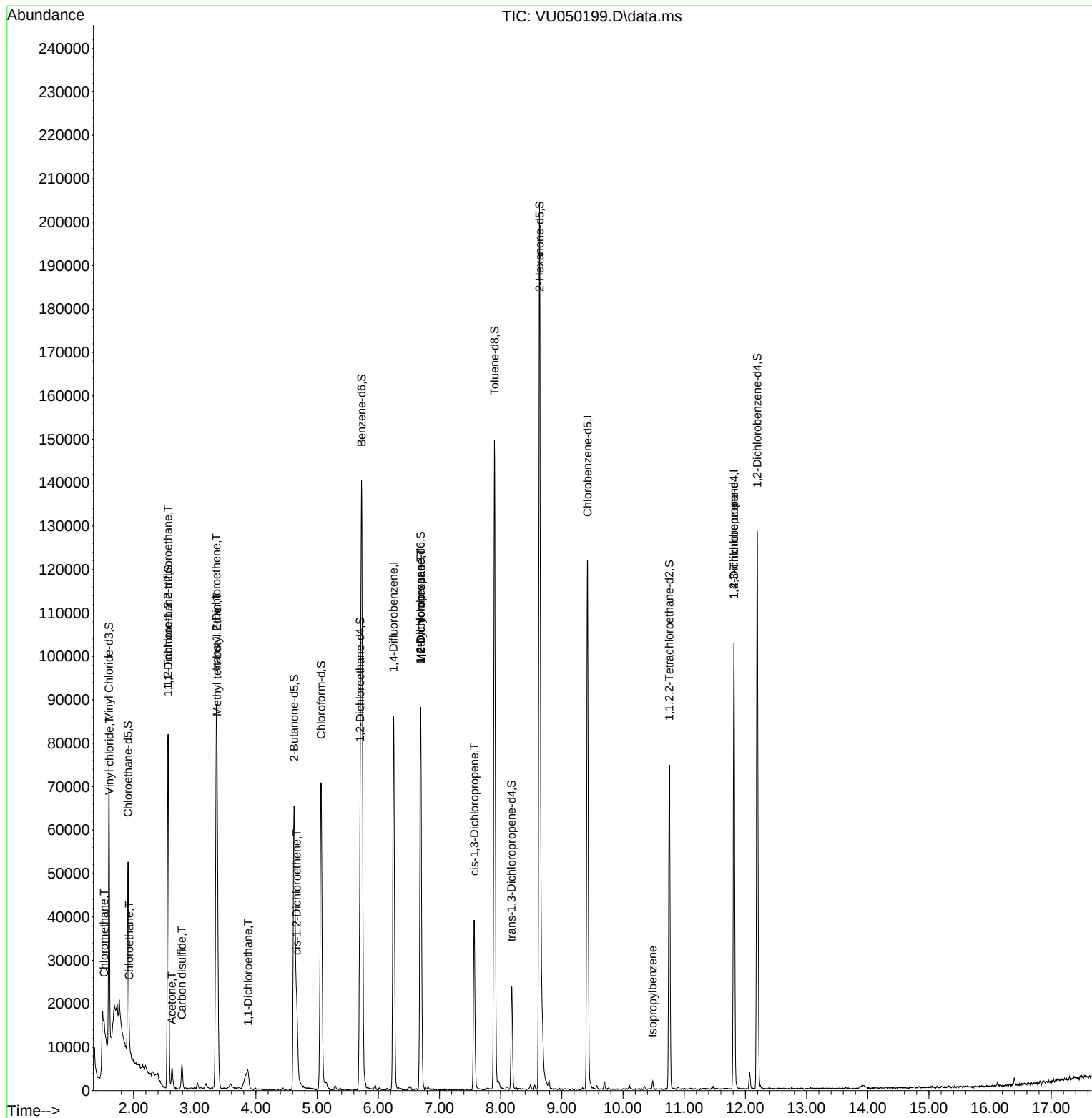
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	70584	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	72342	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	28373	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	45235	7.701	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	154.000%#
7) Chloroethane-d5	1.909	69	33386	7.045	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	140.800%#
11) 1,1-Dichloroethene-d2	2.565	65	15809	6.886	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	137.800%#
20) 2-Butanone-d5	4.623	46	94157	65.732	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.460%#
24) Chloroform-d	5.063	84	67998	6.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	124.400%
26) 1,2-Dichloroethane-d4	5.703	65	35177	6.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.400%
32) Benzene-d6	5.729	84	133306	5.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.000%
36) 1,2-Dichloropropane-d6	6.694	67	45051	6.060	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	121.200%
41) Toluene-d8	7.899	98	106342	5.334	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
43) trans-1,3-Dichloroprop...	8.179	79	14734	5.531	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.600%
46) 2-Hexanone-d5	8.636	63	64764	68.555	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.120%#
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39805	6.097	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.000%#
66) 1,2-Dichlorobenzene-d4	12.195	152	35173	6.327	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	126.600%#
Target Compounds						Qvalue
3) Chloromethane	1.520	50	2706	0.320	ug/L	99
5) Vinyl chloride	1.604	62	928	0.122	ug/L #	1
8) Chloroethane	1.929	64	1006	0.225	ug/L #	60
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	338	0.073	ug/L #	22
13) Acetone	2.626	43	5250	6.581	ug/L	94
14) Carbon disulfide	2.790	76	7457	0.428	ug/L	96
17) Methyl tert-butyl Ether	3.366	73	42427	3.332	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	25032	4.582	ug/L	92
19) 1,1-Dichloroethane	3.871	63	1653	0.160	ug/L #	88
22) cis-1,2-Dichloroethene	4.668	96	7664	1.264	ug/L	92
35) Methylcyclohexane	6.694	83	9895	1.250	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	4516	0.669	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	890	0.101	ug/L #	44
60) Isopropylbenzene	10.484	105	1579	0.083	ug/L #	92
61) 1,2,3-Trichloropropane	11.812	75	3542	0.916	ug/L #	66

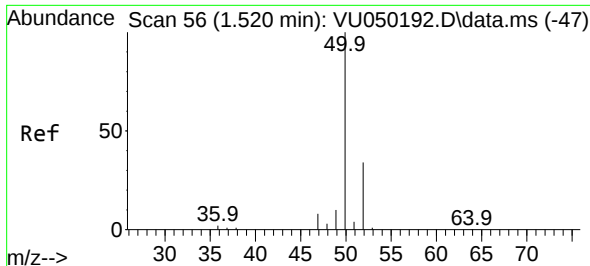
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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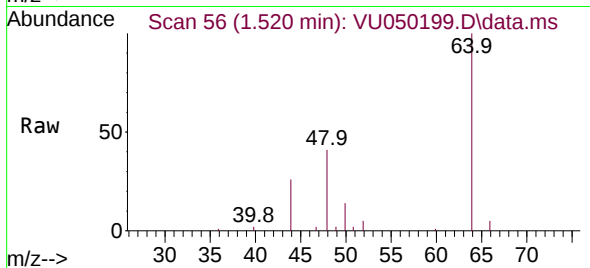
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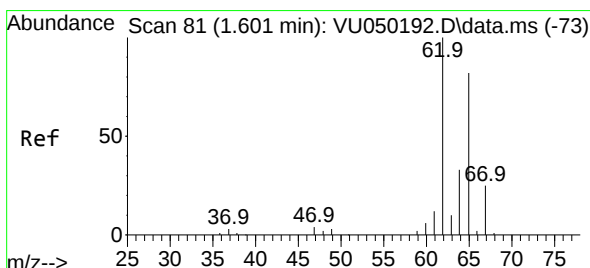
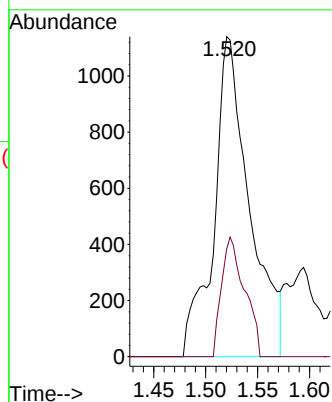
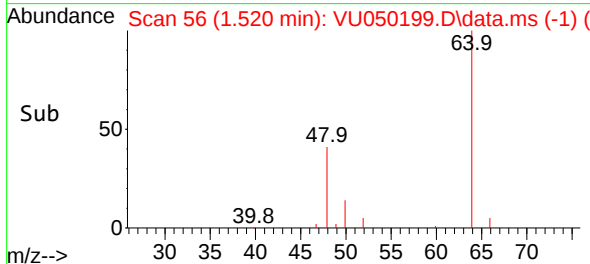


#3
Chloromethane
Concen: 0.320 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050199.D
Acq: 09 Aug 2022 23:34

Instrument :
MSVOA_U
ClientSampleId :

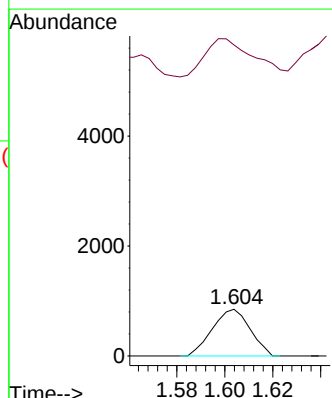
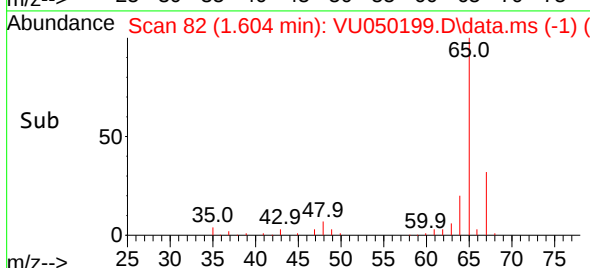
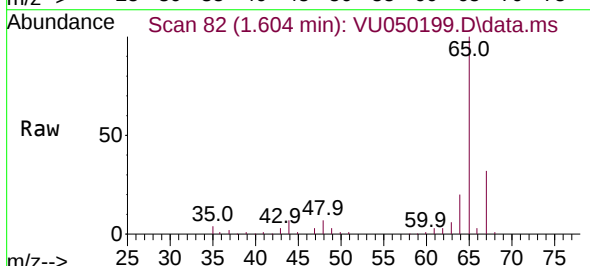


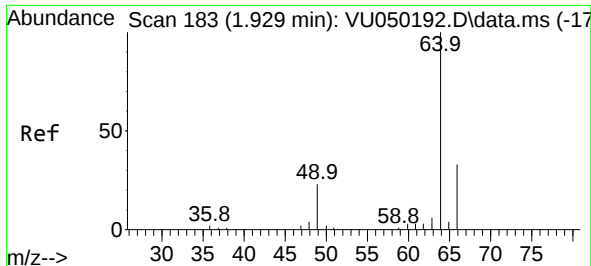
Tgt Ion: 50 Resp: 2706
Ion Ratio Lower Upper
50 100
52 33.8 23.2 43.2



#5
Vinyl chloride
Concen: 0.122 ug/L
RT: 1.604 min Scan# 82
Delta R.T. 0.003 min
Lab File: VU050199.D
Acq: 09 Aug 2022 23:34

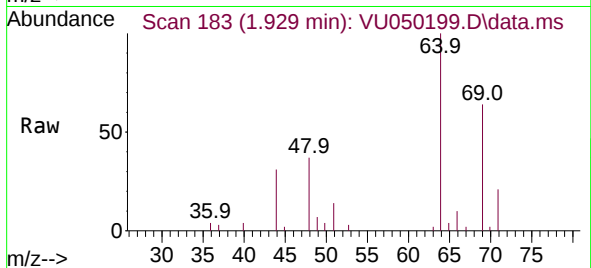
Tgt Ion: 62 Resp: 928
Ion Ratio Lower Upper
62 100
64 666.5 22.8 42.4#



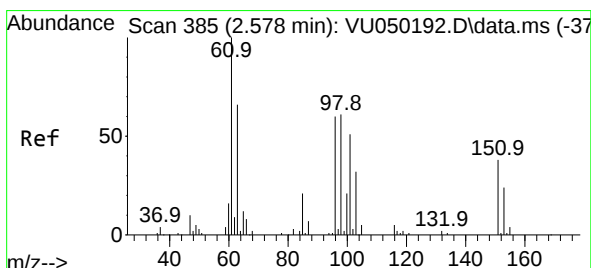
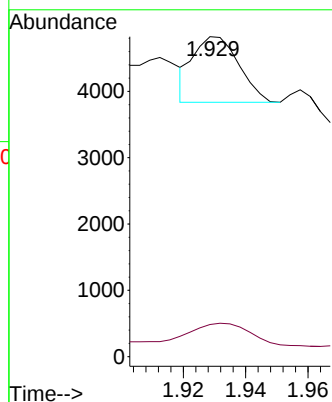
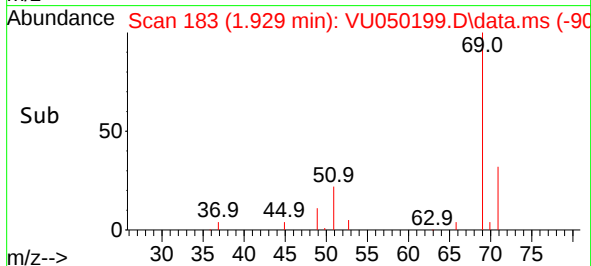


#8
Chloroethane
Concen: 0.225 ug/L
RT: 1.929 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050199.D
Acq: 09 Aug 2022 23:34

Instrument :
MSVOA_U
ClientSampleId :

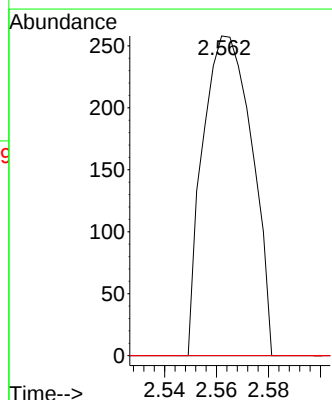
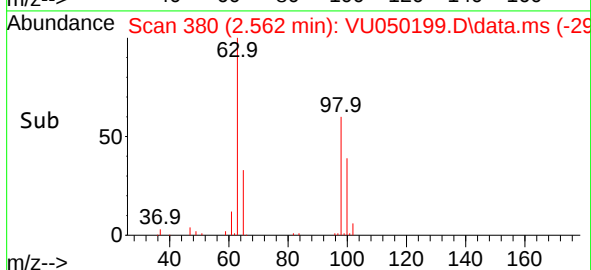
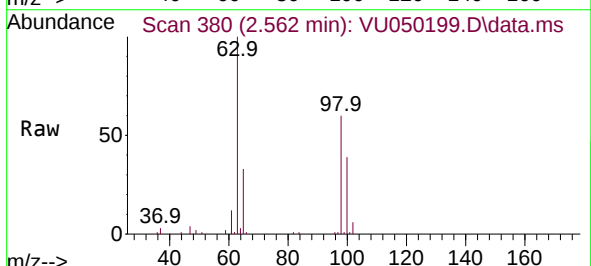


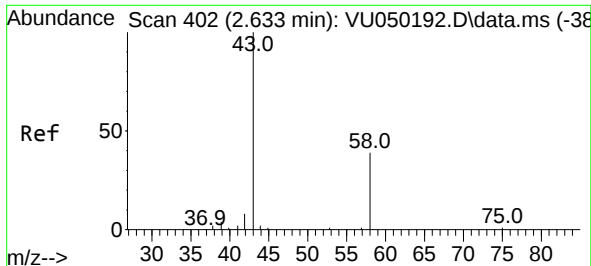
Tgt Ion: 64 Resp: 1006
Ion Ratio Lower Upper
64 100
66 10.1 22.8 42.4#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.073 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU050199.D
Acq: 09 Aug 2022 23:34

Tgt Ion:101 Resp: 338
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#





#13

Acetone

Concen: 6.581 ug/L

RT: 2.626 min Scan# 40

Delta R.T. -0.006 min

Lab File: VU050199.D

Acq: 09 Aug 2022 23:34

Instrument :

MSVOA_U

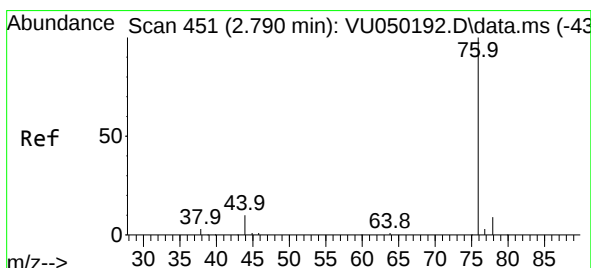
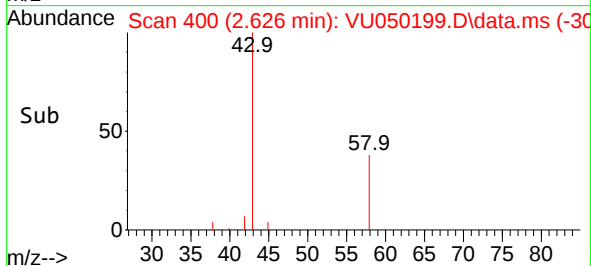
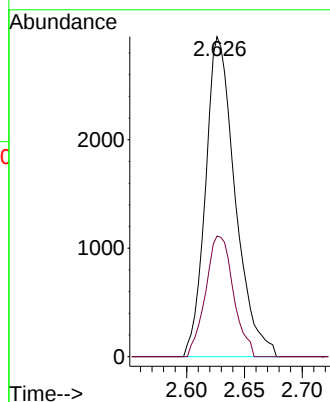
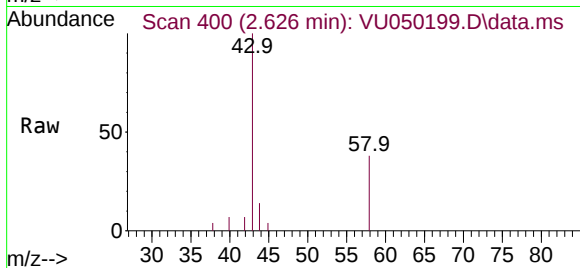
ClientSampleId :

Tgt Ion: 43 Resp: 5250

Ion Ratio Lower Upper

43 100

58 35.4 0.0 64.0



#14

Carbon disulfide

Concen: 0.428 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU050199.D

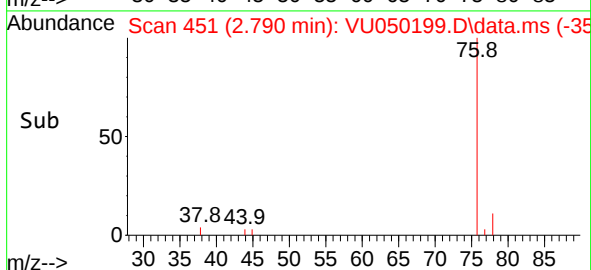
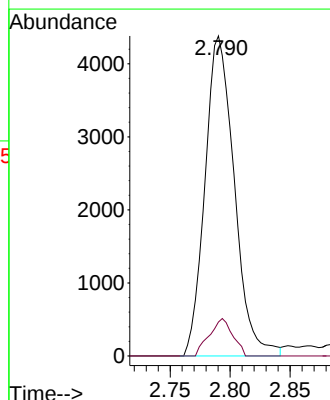
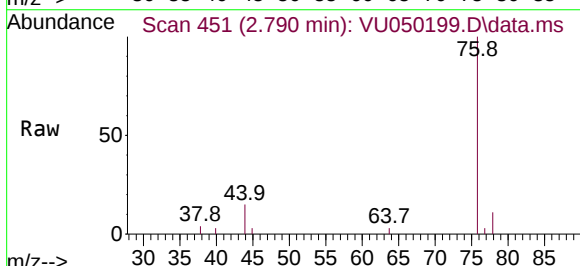
Acq: 09 Aug 2022 23:34

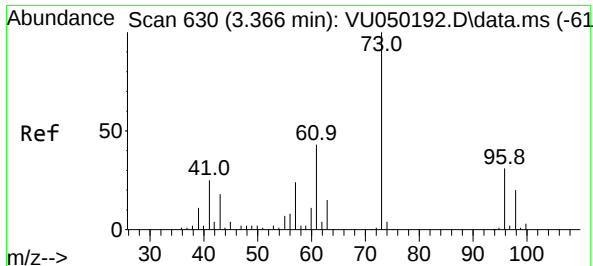
Tgt Ion: 76 Resp: 7457

Ion Ratio Lower Upper

76 100

78 10.6 7.4 11.0





#17

Methyl tert-butyl Ether

Concen: 3.332 ug/L

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU050199.D

Acq: 09 Aug 2022 23:34

Instrument :

MSVOA_U

ClientSampleId :

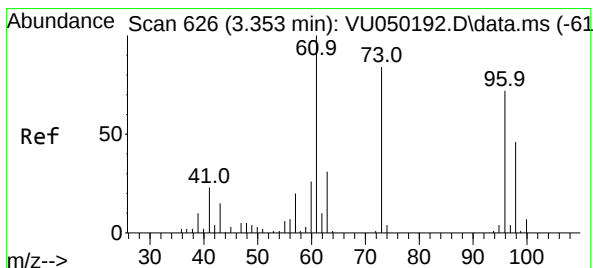
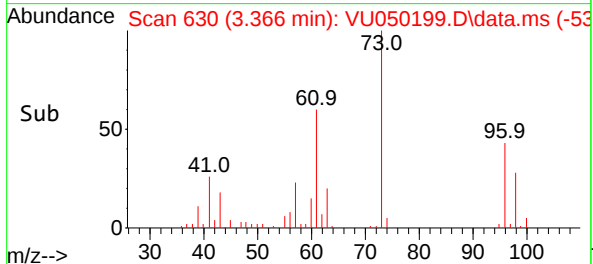
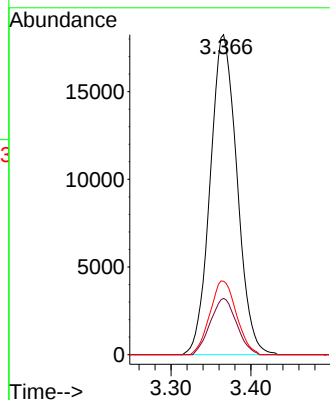
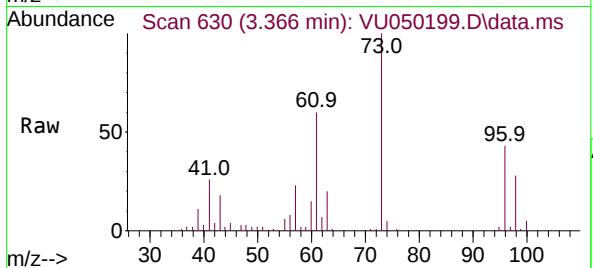
Tgt Ion: 73 Resp: 42427

Ion Ratio Lower Upper

73 100

43 17.2 13.5 20.3

57 22.8 17.4 26.2



#18

trans-1,2-Dichloroethene

Concen: 4.582 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.000 min

Lab File: VU050199.D

Acq: 09 Aug 2022 23:34

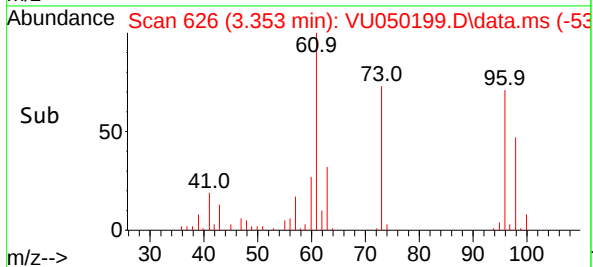
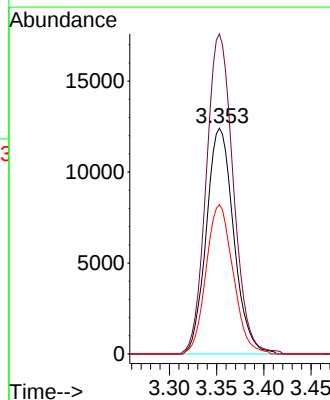
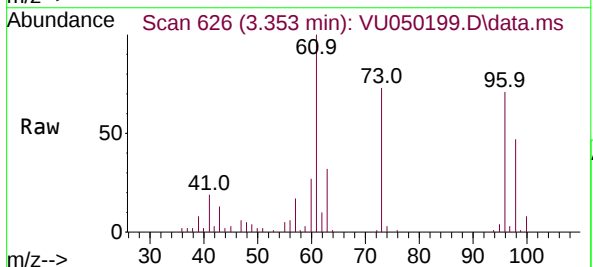
Tgt Ion: 96 Resp: 25032

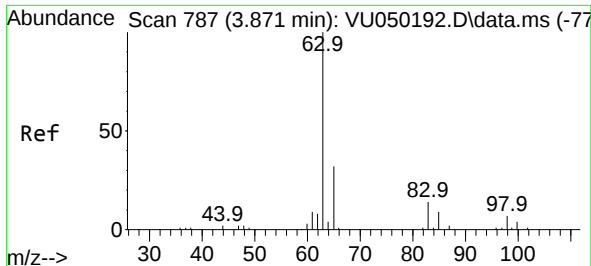
Ion Ratio Lower Upper

96 100

61 141.8 92.3 171.5

98 66.2 43.2 80.2





#19

1,1-Dichloroethane

Concen: 0.160 ug/L

RT: 3.871 min Scan# 787

Delta R.T. 0.000 min

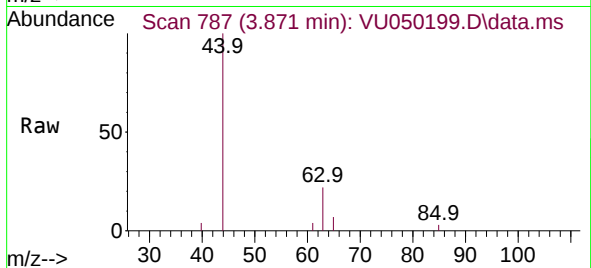
Lab File: VU050199.D

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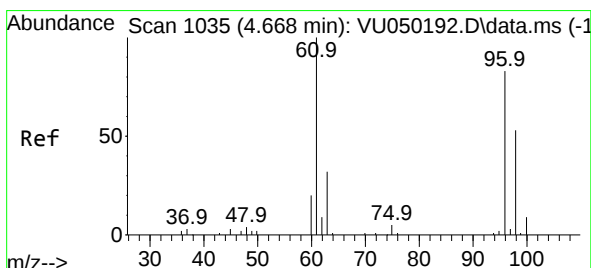
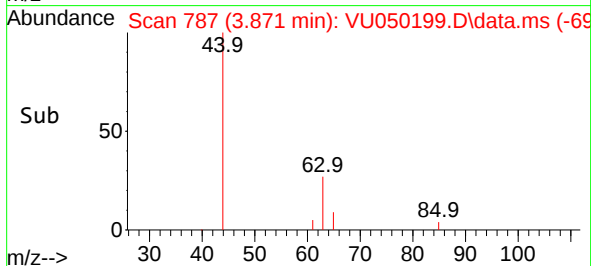
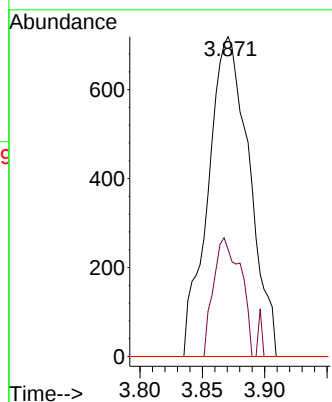
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	63	Resp:	1653
Ion Ratio	Lower	Upper	
63	100		
65	33.5	22.7	42.3
83	0.0	9.8	18.2



#22

cis-1,2-Dichloroethene

Concen: 1.264 ug/L

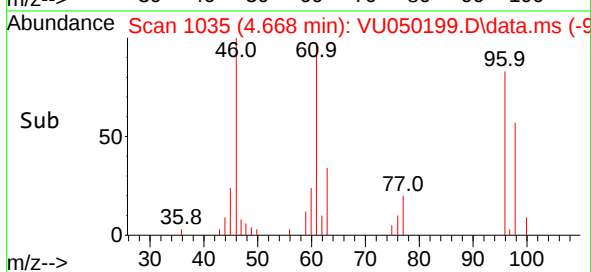
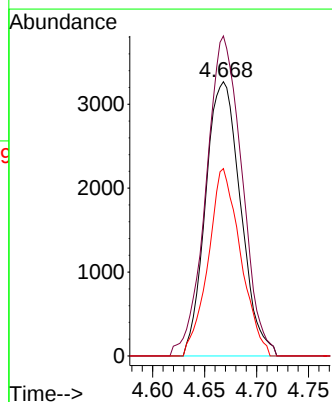
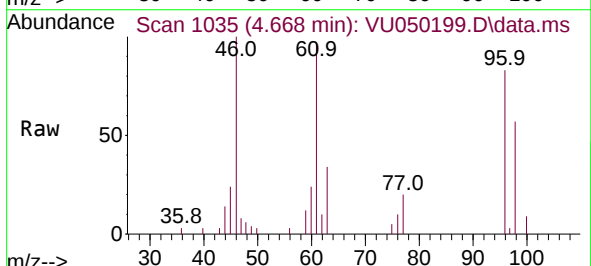
RT: 4.668 min Scan# 1035

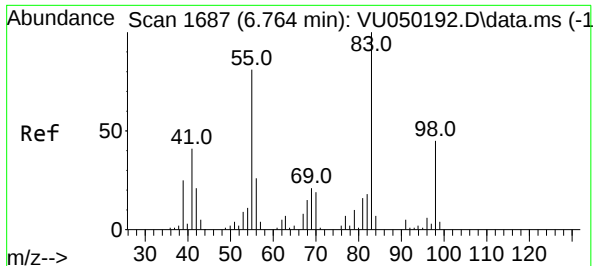
Delta R.T. 0.000 min

Lab File: VU050199.D

Acq: 09 Aug 2022 23:34

Tgt Ion:	96	Resp:	7664
Ion Ratio	Lower	Upper	
96	100		
61	116.7	89.0	165.4
98	68.3	45.2	84.0





#35

Methylcyclohexane

Concen: 1.250 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU050199.D

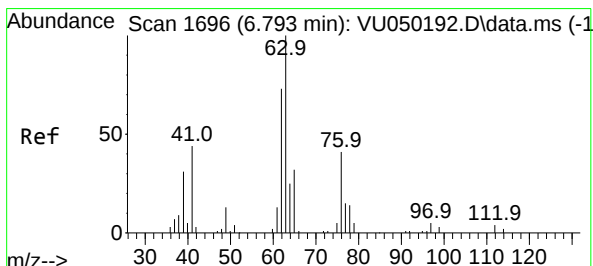
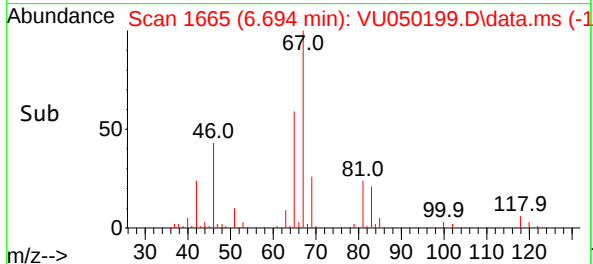
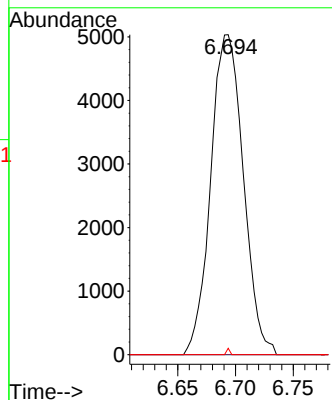
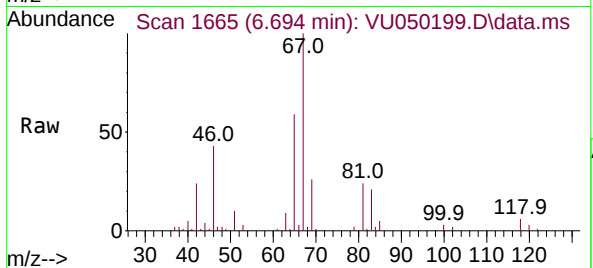
Acq: 09 Aug 2022 23:34

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	9895
Ion Ratio	Lower	Upper	
83	100		
55	0.6	62.7	94.1#
98	0.2	36.2	54.2#



#37

1,2-Dichloropropane

Concen: 0.669 ug/L

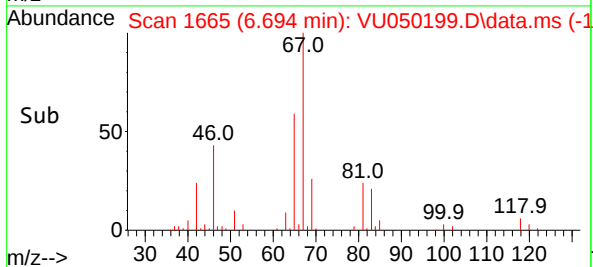
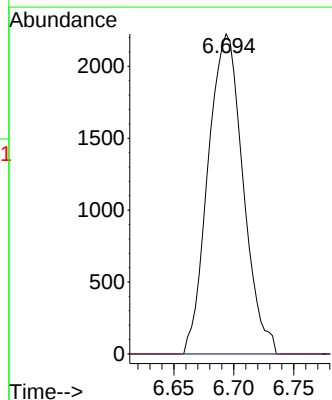
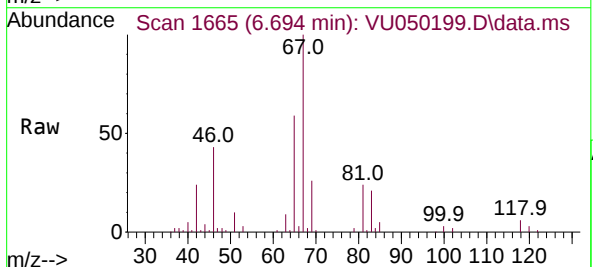
RT: 6.694 min Scan# 1665

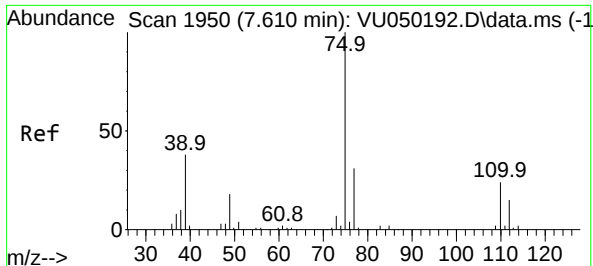
Delta R.T. -0.100 min

Lab File: VU050199.D

Acq: 09 Aug 2022 23:34

Tgt Ion:	63	Resp:	4516
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.0	4.4#

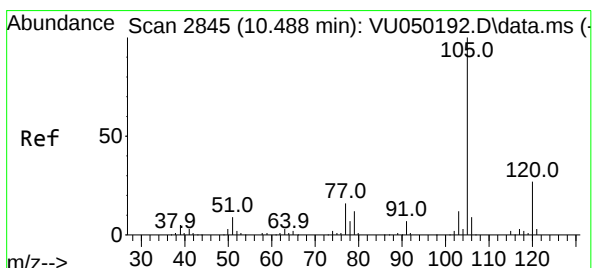
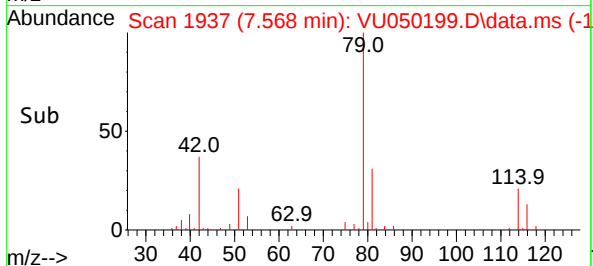
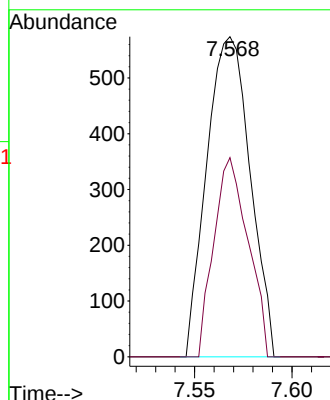
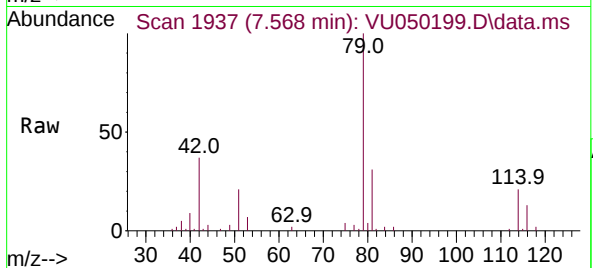




#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.568 min Scan# 1950
 Delta R.T. -0.042 min
 Lab File: VU050199.D
 Acq: 09 Aug 2022 23:34

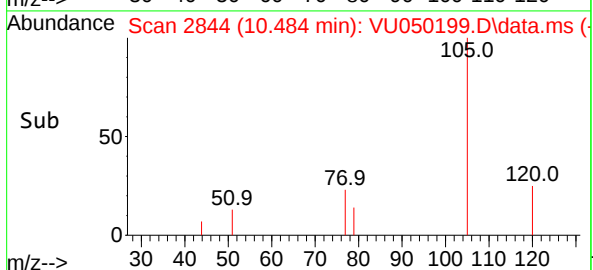
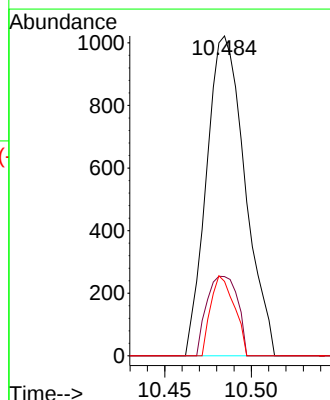
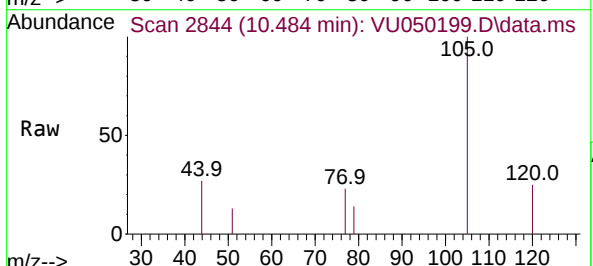
Instrument :
 MSVOA_U
 ClientSampleId :

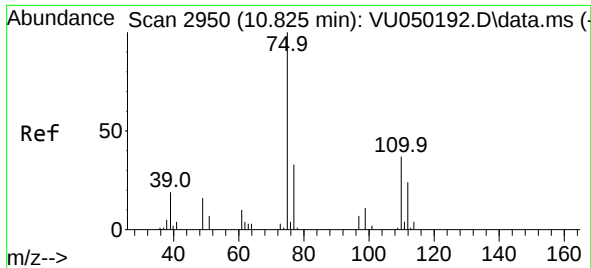
Tgt Ion: 75 Resp: 890
 Ion Ratio Lower Upper
 75 100
 77 62.2 21.8 40.4#



#60
 Isopropylbenzene
 Concen: 0.083 ug/L
 RT: 10.484 min Scan# 2844
 Delta R.T. -0.003 min
 Lab File: VU050199.D
 Acq: 09 Aug 2022 23:34

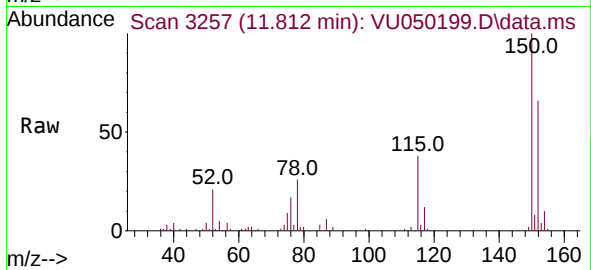
Tgt Ion: 105 Resp: 1579
 Ion Ratio Lower Upper
 105 100
 120 19.8 20.8 31.2#
 77 15.3 12.6 19.0





#61
 1,2,3-Trichloropropane
 Concen: 0.916 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU050199.D
 Acq: 09 Aug 2022 23:34

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3542
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.5 42.7#
 77 29.7 25.8 38.6

