

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050205.D
 Acq On : 10 Aug 2022 02:02
 Operator : SY/MD
 Sample : N4076-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 06:36:29 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)

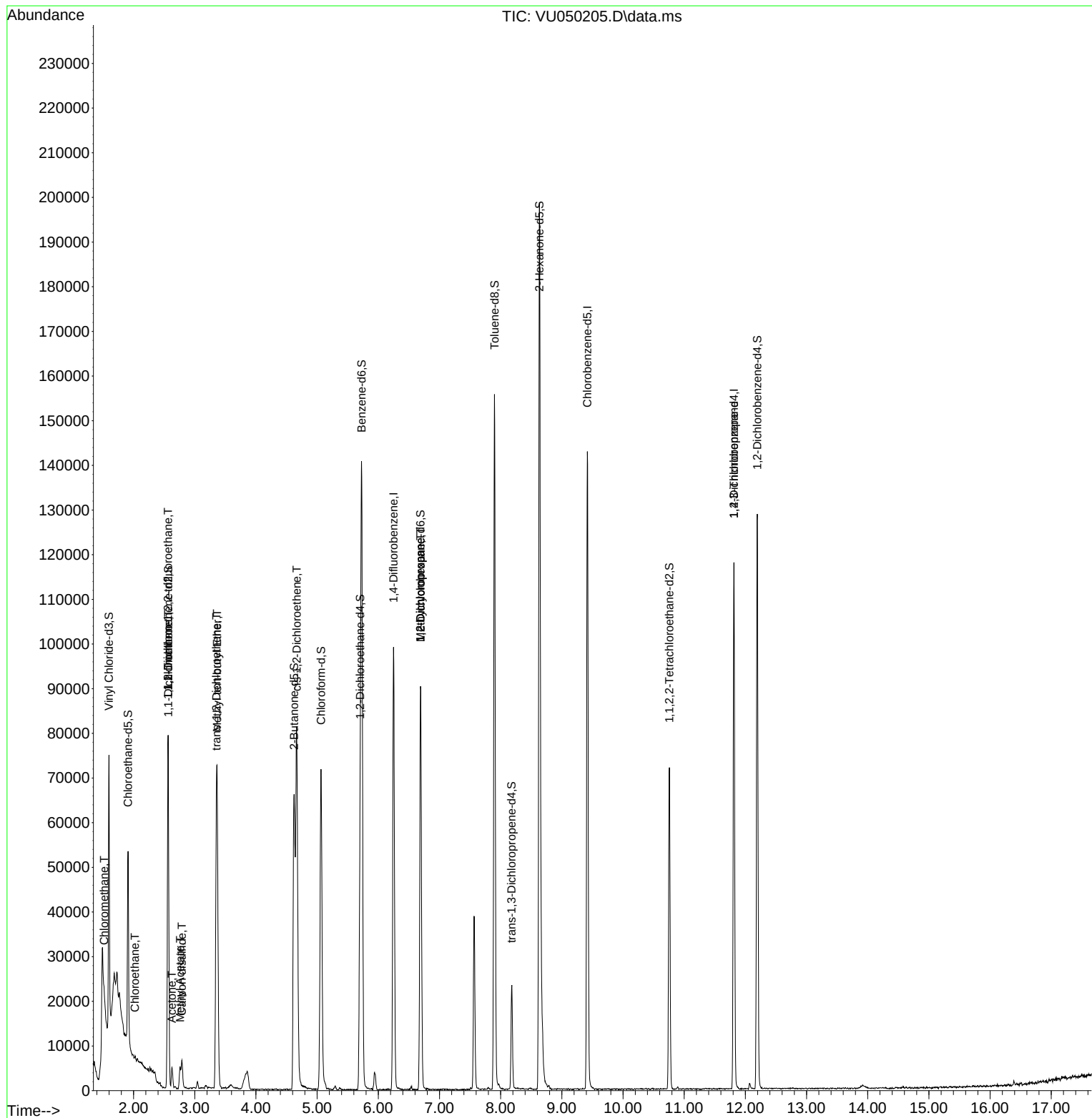
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	80597	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	82853	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	33613	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	43140	6.432	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	128.600%	
7) Chloroethane-d5	1.909	69	33137	6.124	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	122.400%	
11) 1,1-Dichloroethene-d2	2.565	65	14569	5.558	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	111.200%	
20) 2-Butanone-d5	4.623	46	95966	58.672	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	117.340%	
24) Chloroform-d	5.064	84	68634	5.501	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.000%	
26) 1,2-Dichloroethane-d4	5.703	65	36164	5.646	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.000%	
32) Benzene-d6	5.729	84	135670	5.247	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.000%	
36) 1,2-Dichloropropane-d6	6.690	67	45455	5.339	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.800%	
41) Toluene-d8	7.899	98	106555	4.666	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.400%	
43) trans-1,3-Dichloroprop...	8.179	79	14010	4.592	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.800%	
46) 2-Hexanone-d5	8.632	63	62749	57.996	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	116.000%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38832	5.194	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	35586	5.403	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.000%	
Target Compounds						Qvalue
3) Chloromethane	1.520	50	3633	0.376	ug/L	96
8) Chloroethane	2.022	64	1120	0.220	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	332	0.063	ug/L #	22
12) 1,1-Dichloroethene	2.568	96	743	0.133	ug/L #	1
13) Acetone	2.626	43	5345	5.868	ug/L	99
14) Carbon disulfide	2.790	76	8058	0.405	ug/L	96
15) Methyl Acetate	2.761	43	1557	0.626	ug/L #	46
17) Methyl tert-butyl Ether	3.366	73	57414	3.949	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	10825	1.735	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	39925	5.767	ug/L	99
35) Methylcyclohexane	6.690	83	10348	1.142	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	4795	0.620	ug/L #	89
61) 1,2,3-Trichloropropane	11.812	75	3695	0.807	ug/L #	68

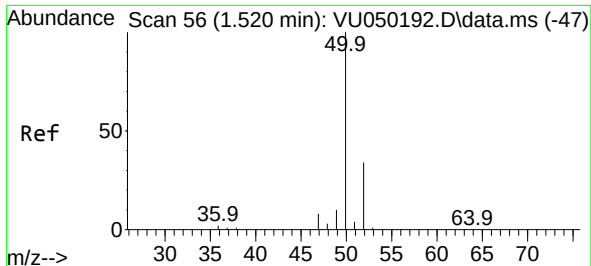
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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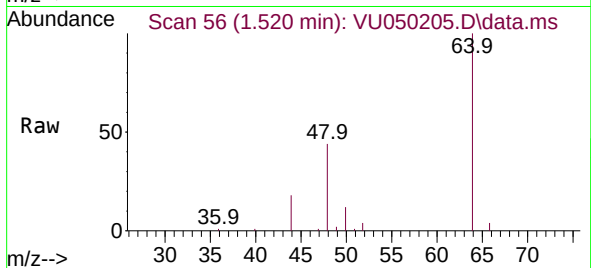
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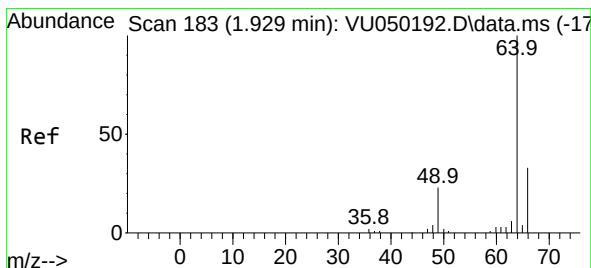
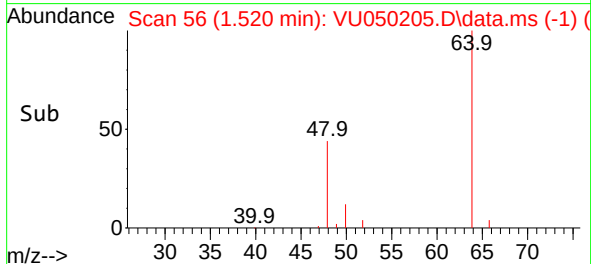
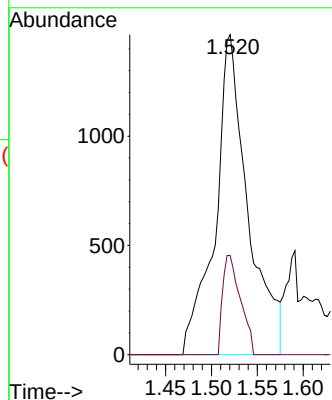


#3
Chloromethane
Concen: 0.376 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050205.D
Acq: 10 Aug 2022 02:02

Instrument :
MSVOA_U
ClientSampleId :

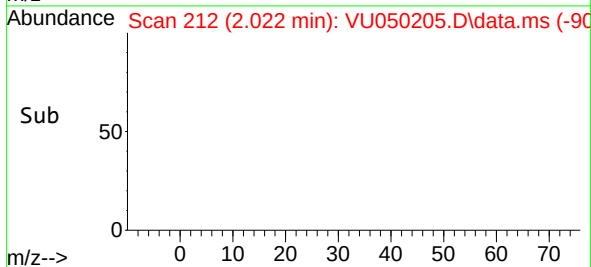
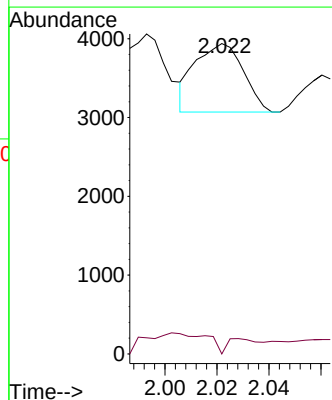
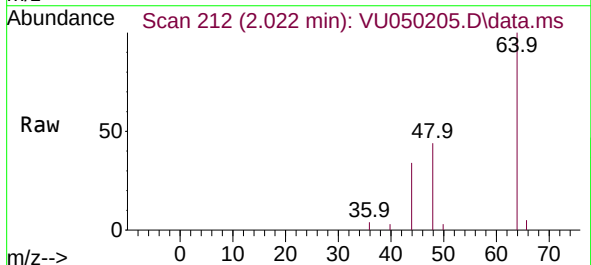


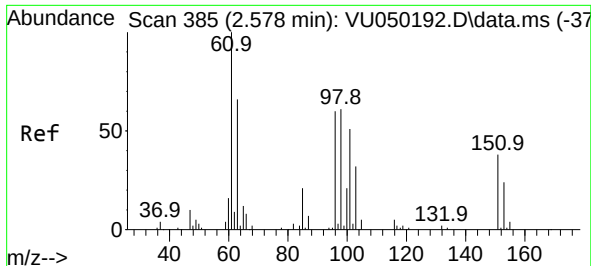
Tgt Ion: 50 Resp: 3633
Ion Ratio Lower Upper
50 100
52 31.0 23.2 43.2



#8
Chloroethane
Concen: 0.220 ug/L
RT: 2.022 min Scan# 212
Delta R.T. 0.093 min
Lab File: VU050205.D
Acq: 10 Aug 2022 02:02

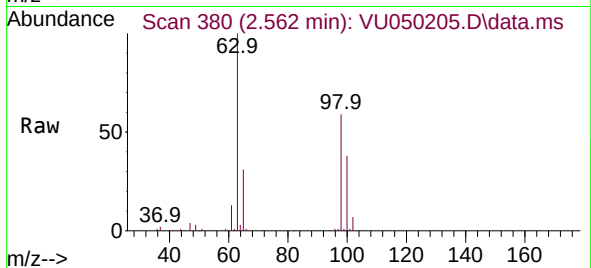
Tgt Ion: 64 Resp: 1120
Ion Ratio Lower Upper
64 100
66 0.0 22.8 42.4#



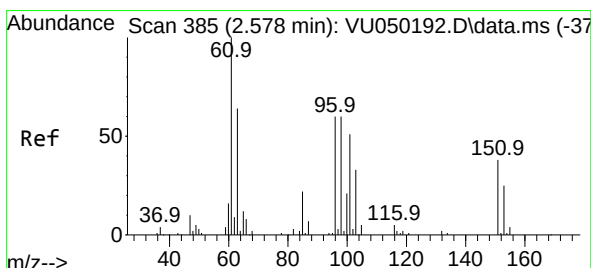
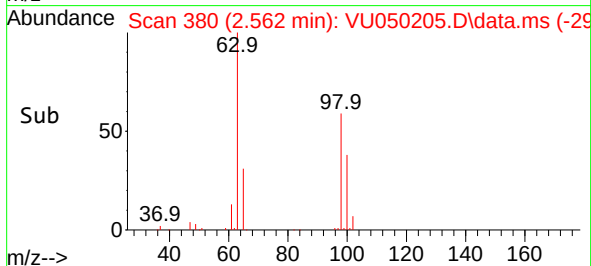
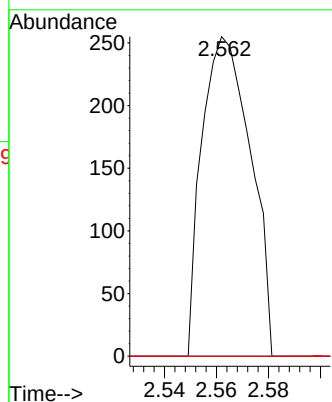


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.063 ug/L
 RT: 2.562 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU050205.D
 Acq: 10 Aug 2022 02:02

Instrument :
 MSVOA_U
 ClientSampleId :

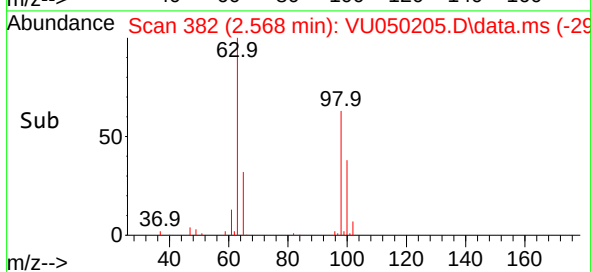
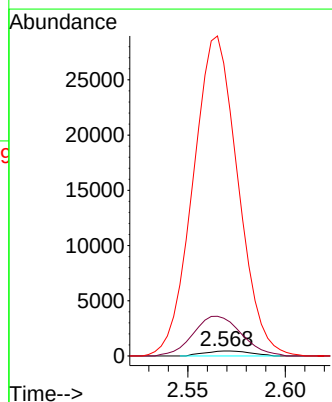
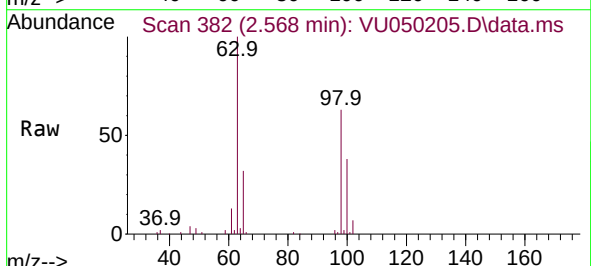


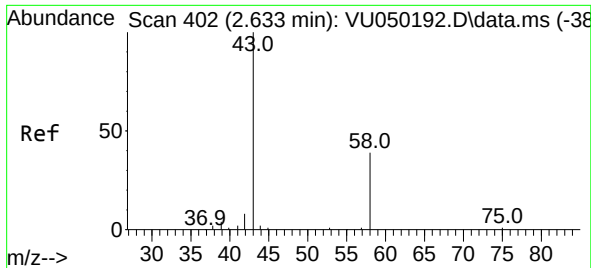
Tgt Ion:101 Resp: 332
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 55.2 82.8#



#12
 1,1-Dichloroethene
 Concen: 0.133 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU050205.D
 Acq: 10 Aug 2022 02:02

Tgt Ion: 96 Resp: 743
 Ion Ratio Lower Upper
 96 100
 61 759.9 122.7 227.9#
 63 5880.3 85.1 158.1#





#13

Acetone

Concen: 5.868 ug/L

RT: 2.626 min Scan# 40

Delta R.T. -0.006 min

Lab File: VU050205.D

Acq: 10 Aug 2022 02:02

Instrument :

MSVOA_U

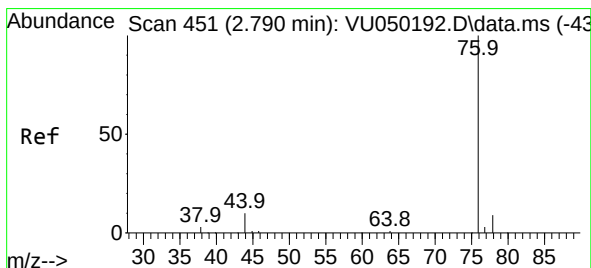
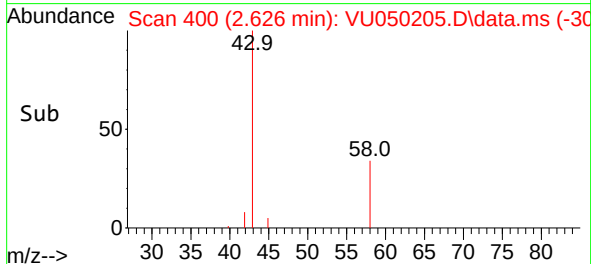
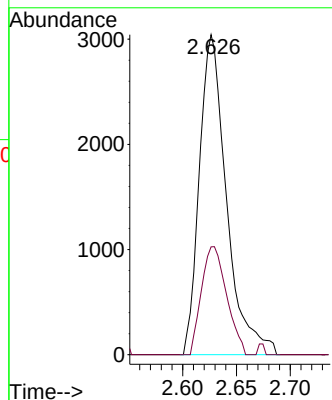
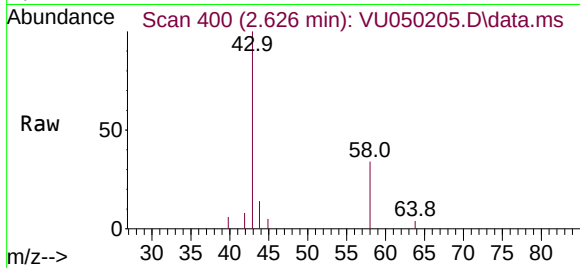
ClientSampleId :

Tgt Ion: 43 Resp: 5345

Ion Ratio Lower Upper

43 100

58 31.3 0.0 64.0



#14

Carbon disulfide

Concen: 0.405 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU050205.D

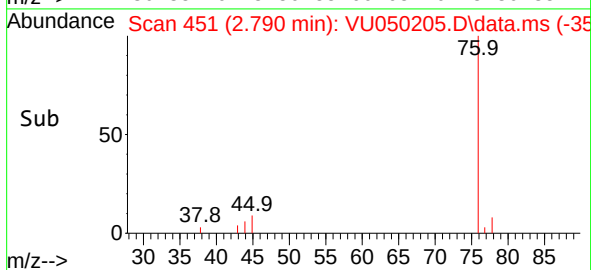
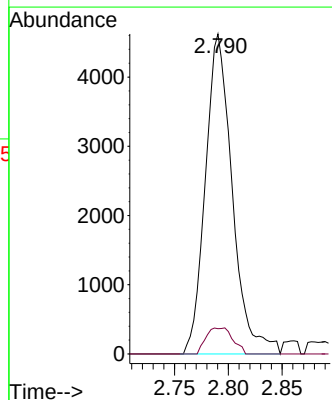
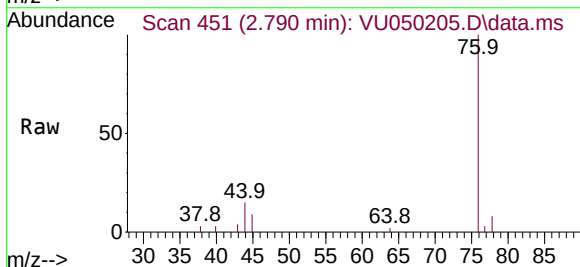
Acq: 10 Aug 2022 02:02

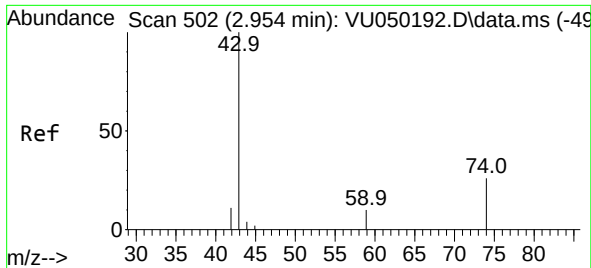
Tgt Ion: 76 Resp: 8058

Ion Ratio Lower Upper

76 100

78 7.9 7.4 11.0

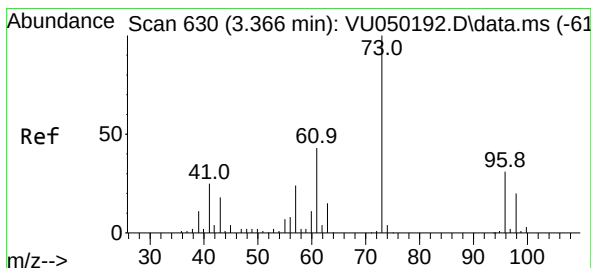
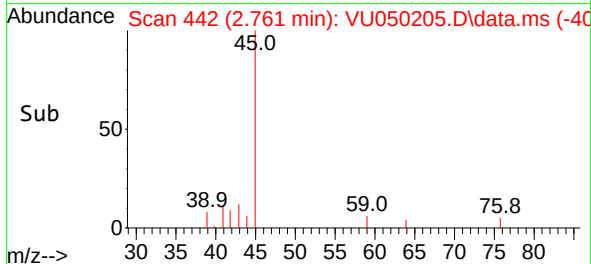
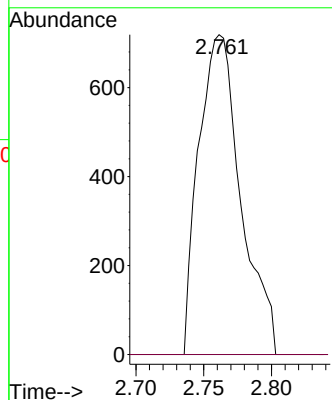
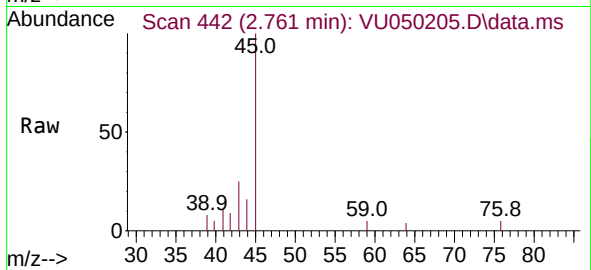




#15
Methyl Acetate
Concen: 0.626 ug/L
RT: 2.761 min Scan# 441
Delta R.T. -0.193 min
Lab File: VU050205.D
Acq: 10 Aug 2022 02:02

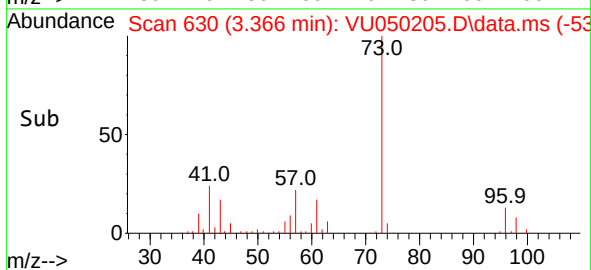
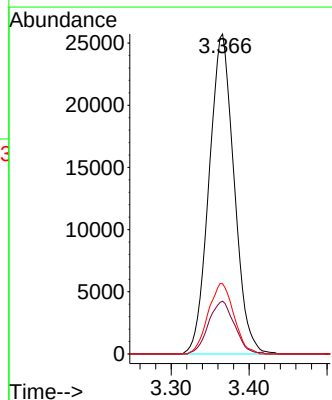
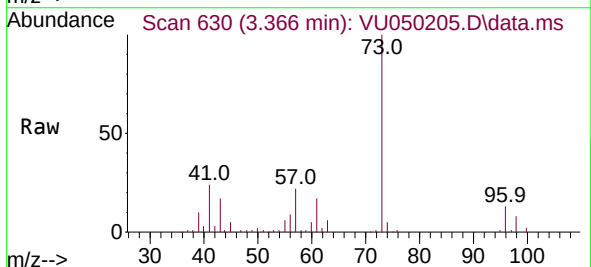
Instrument :
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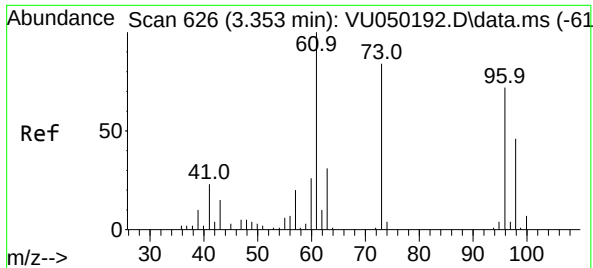
Tgt Ion: 43 Resp: 1557
Ion Ratio Lower Upper
43 100
74 0.0 22.7 34.1#



#17
Methyl tert-butyl Ether
Concen: 3.949 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU050205.D
Acq: 10 Aug 2022 02:02

Tgt Ion: 73 Resp: 57414
Ion Ratio Lower Upper
73 100
43 17.1 13.5 20.3
57 22.6 17.4 26.2

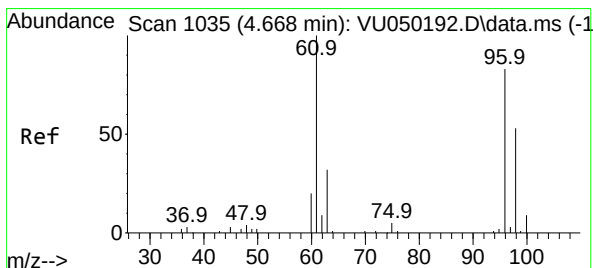
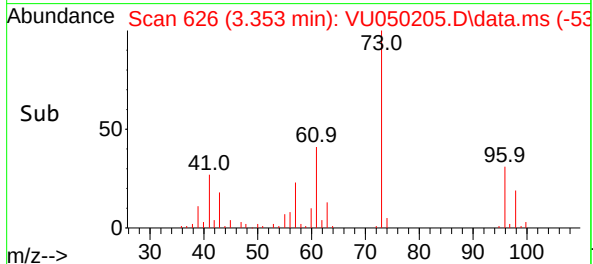
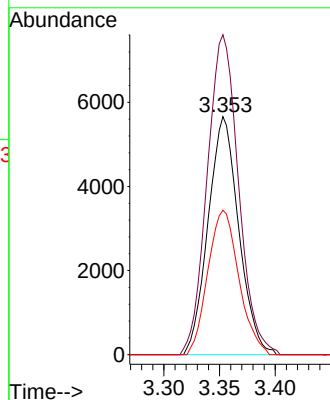
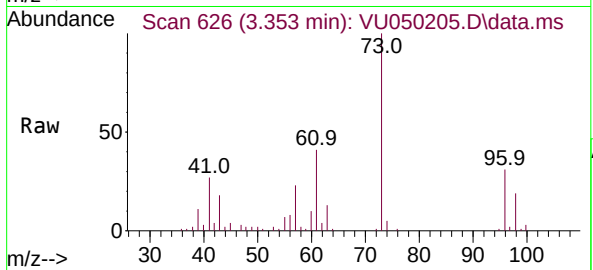




#18
trans-1,2-Dichloroethene
Concen: 1.735 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU050205.D
Acq: 10 Aug 2022 02:02

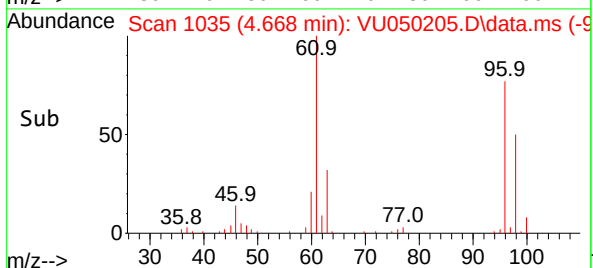
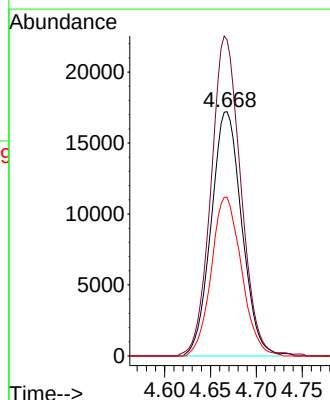
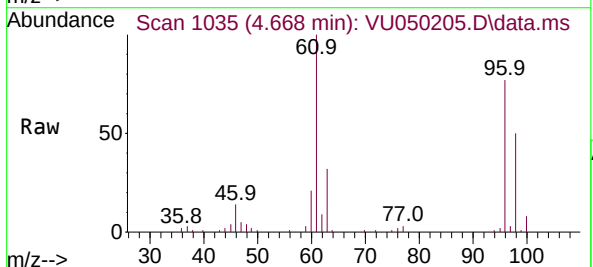
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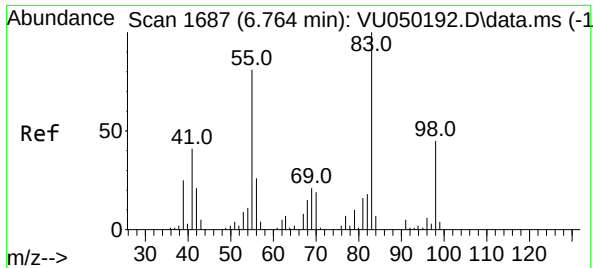
Tgt Ion: 96 Resp: 10825
Ion Ratio Lower Upper
96 100
61 134.4 92.3 171.5
98 60.7 43.2 80.2



#22
cis-1,2-Dichloroethene
Concen: 5.767 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU050205.D
Acq: 10 Aug 2022 02:02

Tgt Ion: 96 Resp: 39925
Ion Ratio Lower Upper
96 100
61 129.4 89.0 165.4
98 65.0 45.2 84.0

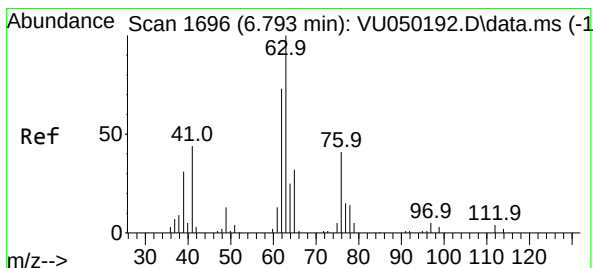
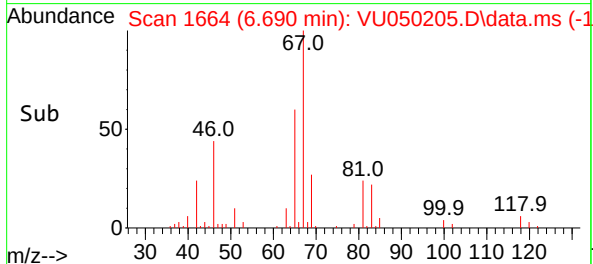
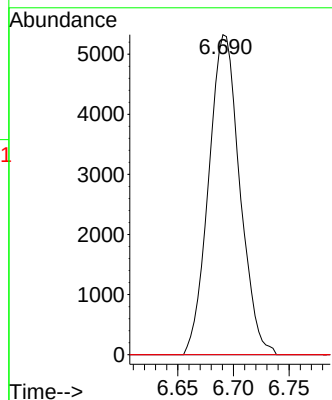
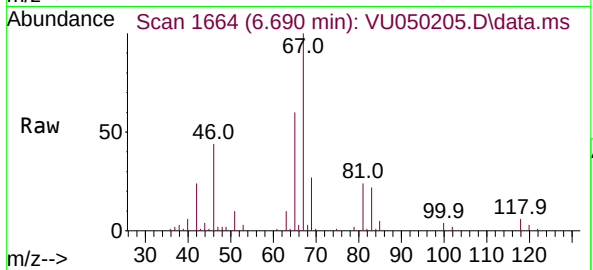




#35
Methylcyclohexane
Concen: 1.142 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU050205.D
Acq: 10 Aug 2022 02:02

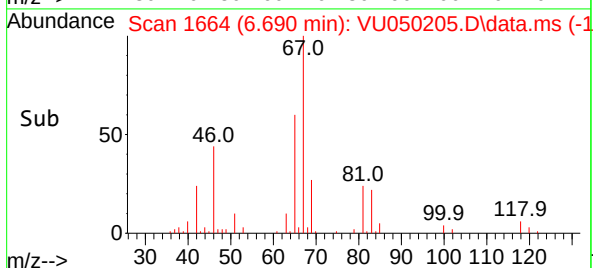
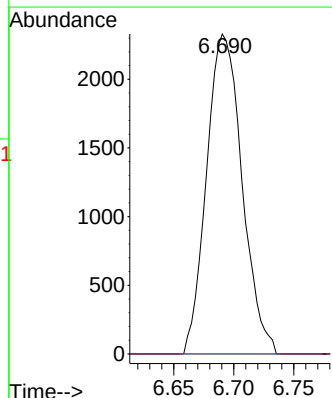
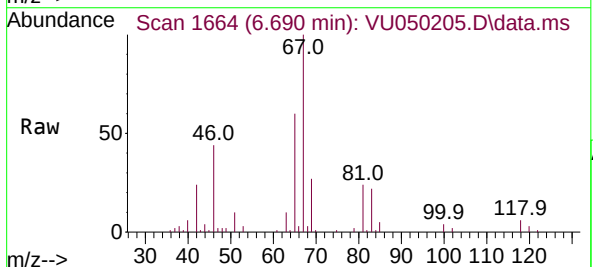
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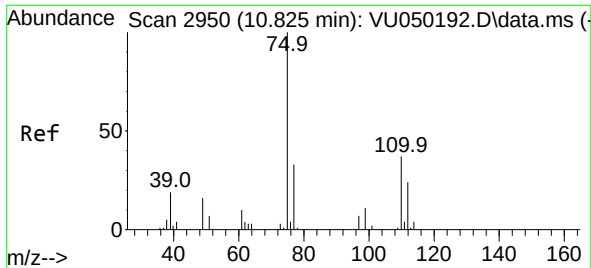
Tgt Ion: 83 Resp: 10348
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.5 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.620 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU050205.D
Acq: 10 Aug 2022 02:02

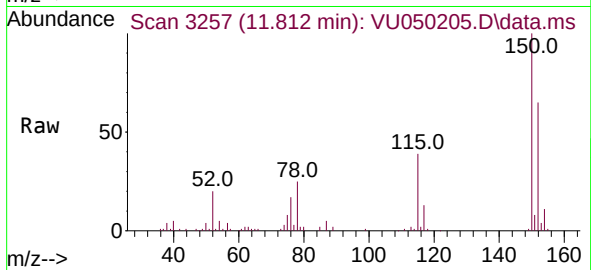
Tgt Ion: 63 Resp: 4795
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#61
 1,2,3-Trichloropropane
 Concen: 0.807 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU050205.D
 Acq: 10 Aug 2022 02:02

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3695
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.5 42.7#
 77 31.7 25.8 38.6

